

Appendices

<Appendix 1> Relationship with Responding Senior Citizen

- 01 Respondent
- 02 Spouse

- 11 Eldest or only son
- 12 First or only daughter-in-law
- 13 Second son
- 14 Second daughter-in-law
- 15 Third or later son
- 16 Third or later daughter-in-law
- 17 Eldest or only daughter
- 18 First or only son-in-law
- 19 Second daughter
- 20 Second son-in-law
- 21 Third or later daughter
- 22 Third or later son-in-law

- 31 Grandson on son' s side
- 32 Granddaughter-in-law on son' s side
- 33 Granddaughter on son' s side
- 34 Grandson-in-law on son' s side
- 35 Grandson on daughter' s side
- 36 Granddaughter-in-law on daughter' s side
- 37 Granddaughter on daughter' s side
- 38 Grandson on daughter' s side
- 41 Great-grandchild or his/her spouse

- 51 Father
- 52 Mother
- 53 Father-in-law
- 54 Mother-in-law

- 61 Grandfather
- 62 Grandmother
- 63 Grandfather-in-law
- 64 Grandmother-in-law

- 71 Brother
- 72 Brother' s wife
- 73 Sister
- 74 Sister' s husband
- 75 Nephew/niece or his/her spouse
- 76 Spouse' s sibling
- 77 Sibling' s spouse
- 78 Spouse' s sibling' s child

- 81 Other relative
- 82 Other relative-in-law

- 91 Unmarried non-blood related cohabitant

- 92 Friend or neighbor
- 93 Social worker

- 97 Others

<Appendix 2> Type of Senior Citizen Household

- 01 One-person household
- 02 Elderly couple household ① (only one person is 65 years old and over)
- 03 Elderly couple household ② (both are 65 years old and over)
- 11 Household living with child ① (married oldest son)
- 12 Household living with child ② (other married son)
- 13 Household living with child ③ (married daughter)
- 14 Household living with child ④ (other married son + unmarried child)
- 15 Household living with child ⑤ (other married son + unmarried child)
- 16 Household living with child ⑥ (married daughter + unmarried child)
- 17 Household living with child ⑦ (married oldest son + married daughter)
- 18 Household living with child ⑧ (other married son + married daughter)
- 19 Household living with child ⑨ (married child)
- 20 Household living with child ⑩ (eldest daughter-in-law) 첫째 며느리
- 21 Household living with child ⑪ (wife of other son) 차남 이하 며느리)
- 22 Household living with child ⑫ (eldest daughter-in-law + unmarried child)
- 23 Household living with child ⑬ (Wife of other son + unmarried child)
- 24 Household living with child ⑭ (married eldest son + married other son
or married daughter + unmarried child)
- 25 Household living with child ⑮ (married eldest son + married other son)
- 26 Household living with child ⑯ (child, married or unmarried) + child of
non-cohabiting child+(child of cohabiting child))
- 29 Other Household type living with child
- 31 Respondent + married grandchild
- 32 Respondent + non-married grandchild
- 33 Respondent + married grandchild+ non-married grandchild
- 34 Elderly couple + married-grandchild

- 35 Elderly couple + unmarried grandchild
- 36 Elderly couple + married grandchild + unmarried grandchild
- 37 Respondent + great-grandchild

- 38 Elderly couple + great-grandchild

- 41 Elderly + father and/or mother(own and/or in-law)(+relative(including siblings))
- 42 Elderly couple + father and/or mother(own and/or in-law)

- 51 Elderly/Elderly couple +father and/or mother(own and/or in-law) + married child +(unmarried child) + (grandchild)

- 52 Elderly/Elderly couple +father and/or mother(own and/or in-law) + unmarried child + (grandchild)

- 61 Elderly + relative(including siblings)
- 62 Elderly couple + relative(including siblings)
- 63 Elderly + non-relative
- 64 Elderly couple + non-relative

- 77 Other Type

- 81 Nursing home or Hospitalization in (nursing) hospital more than 3 months

<Appendix 3> Relationship with Householder

- 01 Respondent
- 02 Spouse

- 11 Eldest or only son
- 12 First or only daughter-in-law
- 13 Second son
- 14 Second daughter-in-law
- 15 Third or later son
- 16 Third or later daughter-in-law
- 17 Eldest or only daughter
- 18 First or only son-in-law
- 19 Second daughter
- 20 Second son-in-law
- 21 Third or later daughter
- 22 Third or later son-in-law

- 31 Grandson on son' s side
- 32 Granddaughter-in-law on son' s side
- 33 Granddaughter on son' s side
- 34 Grandson-in-law on son' s side
- 35 Grandson on daughter' s side
- 36 Granddaughter-in-law on daughter' s side
- 37 Granddaughter on daughter' s side
- 38 Grandson on daughter' s side
- 41 Great-grandchild or his/her spouse
- 51 Father
- 52 Mother
- 53 Father-in-law
- 54 Mother-in-law

- 61 Grandfather
- 62 Grandmother
- 63 Grandfather-in-law
- 64 Grandmother-in-law

- 71 Brother
- 72 Brother' s wife
- 73 Sister
- 74 Sister' s husband
- 75 Nephew/niece or his/her spouse
- 76 Spouse' s sibling
- 77 Sibling' s spouse
- 78 Spouse' s sibling' s child

- 81 Other relative
- 82 Other relative-in-law

- 91 Unmarried non-blood related cohabitant

- 92 Friend or neighbor
- 93 Social worker

- 97 Others

<Appendix 4> Age in Chinese Zodiac Birth Signs

Age	Birth Year	Sign	Age	Birth Year	Sign	Age	Birth Year	Sign	Age	Birth Year	Sign
1	2017	rooster	26	1992	monkey	51	1967	sheep	76	1942	horse
2	2016	monkey	27	1991	sheep	52	1966	horse	77	1941	snake
3	2015	sheep	28	1990	horse	53	1965	snake	78	1940	dragon
4	2014	horse	29	1989	snake	54	1964	dragon	79	1939	rabbit
5	2013	snake	30	1988	dragon	55	1963	rabbit	80	1938	tiger
6	2012	dragon	31	1987	rabbit	56	1962	tiger	81	1937	ox
7	2011	rabbit	32	1986	tiger	57	1961	ox	82	1936	rat
8	2010	tiger	33	1985	ox	58	1960	rat	83	1935	pig
9	2009	ox	34	1984	rat	59	1959	pig	84	1934	dog
10	2008	rat	35	1983	pig	60	1958	dog	85	1933	rooster
11	2007	pig	36	1982	dog	61	1957	rooster	86	1932	monkey
12	2006	dog	37	1981	rooster	62	1956	monkey	87	1931	sheep
13	2005	rooster	38	1980	monkey	63	1955	sheep	88	1930	horse
14	2004	monkey	39	1979	sheep	64	1954	horse	89	1929	snake
15	2003	sheep	40	1978	horse	65	1953	snake	90	1928	dragon
16	2002	horse	41	1977	snake	66	1952	dragon	91	1927	rabbit
17	2001	snake	42	1976	dragon	67	1951	rabbit	92	1926	tiger
18	2000	dragon	43	1975	rabbit	68	1950	tiger	93	1925	ox
19	1999	rabbit	44	1974	tiger	69	1949	ox	94	1924	rat
20	1998	tiger	45	1973	ox	70	1948	rat	95	1923	pig
21	1997	ox	46	1972	rat	71	1947	pig	96	1922	dog
22	1996	rat	47	1971	pig	72	1946	dog	97	1921	rooster
23	1995	pig	48	1970	dog	73	1945	rooster	98	1920	monkey
24	1994	dog	49	1969	rooster	74	1944	monkey	99	1919	sheep
25	1993	rooster	50	1968	monkey	75	1943	sheep	100	1918	horse

<Appendix 5> Age Condition Table

(based on June 30th 2017)

Age	Date of birth	Age	Date of birth	Age	Date of birth	Age	Date of birth
0	2016. 7. 1～						
1	2015. 7. 1～2016. 6.30	26	1990. 7.1～1991. 6.30	51	1965. 7.1～1966. 6.30	76	1940. 7.1～1941. 6.30
2	2014. 7. 1～2015. 6.30	27	1989. 7.1～1990. 6.30	52	1964. 7.1～1965. 6.30	77	1939. 7.1～1940. 6.30
3	2013. 7. 1～2014. 6.30	28	1988. 7.1～1989. 6.30	53	1963. 7.1～1964. 6.30	78	1938. 7.1～1939. 6.30
4	2012. 7.1～2013. 6.30	29	1987. 7.1～1988. 6.30	54	1962. 7.1～1963. 6.30	79	1937. 7.1～1938. 6.30
5	2011. 7.1～2012. 6.30	30	1986. 7.1～1987. 6.30	55	1961. 7.1～1962. 6.30	80	1936. 7.1～1937. 6.30
6	2010. 7.1～2011. 6.30	31	1985. 7.1～1986. 6.30	56	1960. 7.1～1961. 6.30	81	1935. 7.1～1936. 6.30
7	2009. 7.1～2010. 6.30	32	1984. 7.1～1985. 6.30	57	1959. 7.1～1960. 6.30	82	1934. 7.1～1935. 6.30
8	2008. 7.1～2009. 6.30	33	1983. 7.1～1984. 6.30	58	1958. 7.1～1959. 6.30	83	1933. 7.1～1934. 6.30
9	2007. 7.1～2008. 6.30	34	1982. 7.1～1983. 6.30	59	1957. 7.1～1958. 6.30	84	1932. 7.1～1933. 6.30
10	2006. 7.1～2007. 6.30	35	1981. 7.1～1982. 6.30	60	1956. 7.1～1957. 6.30	85	1931. 7.1～1932. 6.30
11	2005. 7.1～2006. 6.30	36	1980. 7.1～1981. 6.30	61	1955. 7.1～1956. 6.30	86	1930. 7.1～1931. 6.30
12	2004. 7.1～2005. 6.30	37	1979. 7.1～1980. 6.30	62	1954. 7.1～1955. 6.30	87	1929. 7.1～1930. 6.30
13	2003. 7.1～2004. 6.30	38	1978. 7.1～1979. 6.30	63	1953. 7.1～1954. 6.30	88	1928. 7.1～1929. 6.30
14	2002. 7.1～2003. 6.30	39	1977. 7.1～1978. 6.30	64	1952. 7.1～1953. 6.30	88	1927. 7.1～1928. 6.30
15	2001. 7.1～2002. 6.30	40	1976. 7.1～1977. 6.30	65	1951. 7.1～1952. 6.30	90	1926. 7.1～1927. 6.30
16	2000. 7.1～2001. 6.30	41	1975. 7.1～1976. 6.30	66	1950. 7.1～1951. 6.30	91	1925. 7.1～1926. 6.30
17	1999. 7.1～2000. 6.30	42	1974. 7.1～1975. 6.30	67	1949. 7.1～1950. 6.30	92	1924. 7.1～1925. 6.30
18	1998. 7.1～1999. 6.30	43	1973. 7.1～1974. 6.30	68	1948. 7.1～1949. 6.30	93	1923. 7.1～1924. 6.30
19	1997. 7.1～1998. 6.30	44	1972. 7.1～1973. 6.30	69	1947. 7.1～1948. 6.30	94	1922. 7.1～1923. 6.30
20	1996. 7.1～1997. 6.30	45	1971. 7.1～1972. 6.30	70	1946. 7.1～1947. 6.30	95	1921. 7.1～1922. 6.30
21	1995. 7.1～1996. 6.30	46	1970. 7.1～1971. 6.30	71	1945. 7.1～1946. 6.30	96	1920. 7.1～1921. 6.30
22	1994. 7.1～1995. 6.30	47	1969. 7.1～1970. 6.30	72	1944. 7.1～1945. 6.30	97	1919. 7.1～1920. 6.30
23	1993. 7.1～1994. 6.30	48	1968. 7.1～1969. 6.30	73	1943. 7.1～1944. 6.30	98	1918. 7.1～1919. 6.30
24	1992. 7.1～1993. 6.30	49	1967. 7.1～1968. 6.30	74	1942. 7.1～1943. 6.30	99	1917. 7.1～1918. 6.30
25	1991. 7.1～1992. 6.30	50	1966. 7.1～1967. 6.30	75	1941. 7.1～1942. 6.30	100	1916. 7.1～1917. 6.30

<Appendix 6> Work out List(3Unit)

category	activity(code)	category	activity(code)	category	activity(code)	category	activity(code)
(1) Ball	101. Gateball	(2) Racket	201. Racquet ball	(5) Rhythmic sports	503. Aerobics	(7) Ground leisure sports	708. Ski
	102. Golf		202. Badminton		504. Figure skating		709. Horse riding
	103. Ground golf		203. Squash		588. Others		710. Rock climbing
	104. Basketball		204. Soft tennis	(6) Fitness exercise	601. Walking(jogging, trot)		711. Inline skates
	105. Billiards, Pocket ball		205. Table tennis		602. marathon		712. Triathlon
	106. Rugby, Football		206. Tennis		603. Track and field (excluding Walking, Marathon)		788. Others
			288. Others		604. Body building(Fitness exercise)	(8) Air leisure sports	801. Sky diving
	107. Volley ball	(3) Martial Art / Combat sports	301. Kendo		605. Swimming		802. Paragliding
			302. Wrestling		606. Yoga, Breathing (Pilates, Taebo)		803. Hanggliding
	108. Bowling		303. Martial Art(excluding Judo, Kendo, Taekwondo)		607. Bicycle(Cycle), Stationary bicycle		888. Others
	109. Softball				608. Rope skipping, Hula hoop	(9) Water leisure sports	901. Sports fishing
	110. Water polo		304. Judo		609. Gymnastics (Free exercises, Life gymnastics)		902. Rafting
	111. Ice hockey		305. Taekwondo		688. Others		903. Water ski
	112. Baseball		306. Fencing	(7) Ground leisure sports	701. Mountain climbing		904. Scuba diving
	113. Inline Hockey		307. Boxing		702. Ice sheet		905. Yacht
	114. Jokgu(namely Korean-style sepak takraw)		308. Combat sport(Kick boxing, Hybrid martial arts)		703. Shooting		906. Wake board
		(4) Korean sports	388. Others		704. Mountain bike		907. Wind surfing
	115. Soccer, Futsal		401. Crossbow, Archery, Korean archery				908. Canoe
	116. Park golf	(5) Rhythmic sports	402. Korean wrestling		705. Survival	(997) Other sport	988. Others
	117. Field Hockey		488. Others		706. Snowboarding		
	118. Handball		501. Dance sports		707. Skating		
	188. Others		502. Aquarobics, Synchronized swimming				

<Appendix 7> List of Leisure Activities(3Unit)

category	activity(code)	category	activity(code)	category	activity(code)
1. See the culture and arts activities	101. Movies	2. Culture and arts participation activities	201. musical instrument performance/singing class	3. See the sports activities	300. Watching sports games at the scene-Visit to the stadium (soccer, Baseball, Basketball, Volley ball), Indirect watching sports games-Watching on TV and DMB (soccer, Baseball, Basketball, Volley ball), Watch Combat sport, Watching online games at the scene (including e-sports)
	102. Others · Exhibition (art, photo, design), Visiting museums, music concert (classic, opera), Traditional art performance (Korean music, Folk game), play performance (Musical), Dance performance, Entertainer performance (show, concert, magic show)		202. Art activity(Draw a picture, Calligraphy, Sculpt, Design, Pottery, Carton) 203. Dancing(Ballet, Korean traditional dancing, Modern dance)		
			204. Others · Participate in literary events, literature writing/debate on reading, leaning traditional art (Korean traditional percussion quartet, tightrope), Take picture		
4. Participation in sports activity	400. Basket ball, Volley ball, Base ball, Soccer, Jokgu (namely Korean-style sepak takraw), Tennis, Squash, Billiards, Pocket ball, Bowling, Table tennis, Golf, Swimming, Wind surfing, Water ski, Scuba diving, Rafting, Yacht, Snow boarding, Ski, Skating, Ice hockey, Body building (Fitness exercise), Aerobics, Yoga, Pilates, Taebo, Badminton, Rope skipping, gymnastics/stretching, Hula hoop, Track and field, Jogging, trot Combat sports (Taekwondo, Judo, Hopkido, Kendo, Boxing), Dance sports (Tango, waltz, jive, mambo, polka, cha-cha-cha), Bicycle riding, cycling, mountain bike, Inline skates, Horse riding, rock climbing, Triathlon, Survival	5. Sightseeing activity	501. Drive a car, Drive a motorcycle	6. Hobbies and entertainment activities	601. Hwatu · Gostop (horse racing, Bicycle race, Casino, Care game, Mahjong Lottery)
					602. Mountain climbing
			502. Others · Visiting cultural and historical sites (ancient palace, Buddhist temple, historic site), Appreciation of scenery, Therapeutic walk in the forest, Camping, Overseas trip, Picnic, Hot-spring · Bathe in the sea, Go aboard a cruise, Go to thema park, Go to amusement park · Zoo · Botanical garden, Take part in the region festival		603. Growing plants 604. Reading, Reading Comic book/Bible/Buddhist 605. Fishing 606. The game of go (including online), Korean chess, Chess, Playing yut
7. Relaxing activity	701. Watching TV (including DMB/IPTV)	8. Social and other activity	801. religious activity		607.Culture class, School for the elderly, Attending a lecture at welfare center, Get certified(technical qualification, language)
	702. Walk		802. Other social activities · Volunteering, Clubbing/nightclub/disco/cabaret, Visiting family or cousin, Chat/telephone conversation/sending messages, Meeting for friendship meeting, dating/meeting, Meeting friends/social club		608. Others · collection activity (including clipping), Living craft (Cross-stitch, beadwork, D.I.Y, flower arrangement), Cook · tea ceremony, Take care of pet, Go to singing room, Interior design (home, car), Blog, Internet searching/Chatting/Creating UCC/SNS, Game (internet, nintendo), Board game/Puzzle/Cube, Shopping/eating out, Drinking, Beauty treatment (skin care, hair care, Nail art, Massage), The bible or Buddhist transcription
	703. Listening to music/listening to hymn · buddhist hymn		803. Other activities · Other leisure activities (ex: tend a vegetable garden)		
	704. Others: Bath/Sauna/Korean dry sauna, nap, watching to video (DVD), Listening to radio, reading the newspaper				

<Appendix 8> Classification of Occupations

(Korean standard classification of occupations)(3Unit)

Major level	medium level(code)	minor level(reference)
Managers	11. Senior Public Officials and Senior Corporate Officials	Legislators, Senior Government Officials and Senior Officials of Public Organization
		Senior Corporate Officers
	12. Public, Business Administration, Management Occupations	Public and Business Administration Managers
	13. Professional Services Management Occupations	Research, Education and Legal Services Related Managers
		Insurance and Finance Managers
		Health and Social Welfare Service Related Managers
		Culture and Art Related Managers
		Information and Communications Related Managers
		Other Professional Services Managers
	14. Construction, Electricity and Production Related Managers	Construction, Electricity and Production Related Managers
		Other Construction, Electricity and Production Related Managers
	15. Sales and Customer Service Managers	Sales and Transport Managers
		Customer Service Managers
		Environmental, Cleaning, and Protective Service Related Managers
		Other Sales and Customer Service Managers(including rental business)
Professionals and Related Workers	21. Science Professionals and Related Occupations	Biological and Natural Science Related Professionals
		Liberal Arts and Social Science Professionals
		Biological and Natural Science Related Technicians
	22. Information and Communication Professionals and Technical Occupations	Computer Hardware and Telecommunication Engineering Professionals
		Information System Developers
		Information System Web Masters
		Telecommunication and Broadcast Transmissions Equipment Technicians
	23. Engineering Professionals and Technical Occupations	Architectural Practitioners, Construction Engineers and Technicians
		Chemical Engineers and Technicians
		Metal and Material Engineers and Technicians
		Environment, Gas and Energy Engineers and Technicians
		Electrical, Electronic Engineers and Technicians
		Control for safety and Inspectors
		Aircraft Pilots, Ship Engineers, Controllers

Major level	medium level(code)	minor level(reference)
	24. Health, Social Welfare and Religion Related Occupations	Other Engineering Professionals and Related Workers
		Medical Diagnosis and Treatment Professionals
		Pharmacists and Oriental Pharmacists
		Nurses
		Dietitians
		Therapists, Pathologists and Medical Technologists
		Health and Medical Service Related Workers
		Social Welfare Service Related Workers
		Religious Activities Related Workers
		College Professors and Instructors
	25. Education Professionals and Related Occupations	School Teachers
		Kindergarten Teachers
		Liberal Arts, Technical and Arts Instructors
		Other Educational Professionals
	26. Legal and Administrative Occupations	Legal Professionals
		Administration Professionals
	27. Business and Finance Professionals and Related Occupations	HR & Business Administrations Professionals
		Finance and Insurance Professionals
		Product Planning, Public Relations and Survey Professionals
		Appraisers, Technical Sales Representatives, Brokers and Related Workers
	28. Culture, Arts and Sports Professionals and Related Occupations	Writers, Journalists, and Related Professionals
		Curators, Librarians and Archivists
		Drama, Film and Moving Image Professionals
		Visual and Performing Artists
		Designers
		Sports and Recreation Related Professionals
Clerks	31. Administration and Accounting Related Occupations	Cultural Art Planners and Agents
		Administrative Clerks
		Business Administration and Office Clerks
		Accounting and Book-keeping Clerks
	32. Financial Clerical Occupations	Secretaries and Administrative Assistants
		Finance Clerks
	33. Legal and Inspection Occupations	Legal and Inspection Clerks
Service	39. Customer Service, Information Desk, Statistical Survey and Other Clerical Occupations	Statistical Service Related Clerks
		Travel Agent, Information and Reception Clerks
		Customer Service and Other Office Clerks
Service	41. Police, Fire Fighting and	
		Police, Fire Fighting and Prison Related

Major level	medium level(code)	minor level(reference)
Workers	Security Related Service Occupations	Workers Guards and Security Related Workers
	42. Caregiving, Health and Personal Service Workers	Caregiving and Health Service Workers Hairdressing Related Service Workers Wedding Ceremony and Funeral Service Workers
		Other Caregiving, Health and Personal Service Workers
	43. Transport and Leisure Services Occupations	Transport Services Workers Leisure Services Workers
		Cooks Food and Beverage Service Workers
	44. Cooking and Food Service Occupations	
Sales Workers	51. Sales Occupations	Sales Representatives
	52. Store Sales and Rental Sales Occupations	Store Sales Workers Rental Sales Workers
	53. Mobile, Door to Door and Street Sales Related Occupations	Door to Door and Street Sales Related Workers, Mobile Telecommunication Related Sales workers and Telesales Workers
Skilled Agricultural, Forestry and Fishery Workers	61. Agricultural, Livestock Related Skilled Occupations	Crop Growers Horticultural and Landscape Workers Livestock and Stockbreeding Related Workers
		62. Skilled Forestry Occupations Forestry Related Workers
		63. Skilled Fishery Occupations Fishery Related Workers
Craft and Related Trades Workers	71. Food Processing Related Trades Occupations	Food Processing Related Trades Workers
	72. Textile, Clothing and Leather Related Trade occupations	Textile and Leather Related Workers Garment Related Workers
		73. Wood and Furniture, Musical Instrument and Signboard Related Trade Occupations Wood and Furniture, Musical Instrument and Signboard Related Trade Occupations
	74. Metal Coremakers Related Trade Occupations	Die and Mold Makers, Metal Casting Workers and Forge Hammersmiths Pipe and Sheet Metal Makers Welders

Major level	medium level(code)	minor level(reference)
	75. Transport and Machine Related Trade Occupations	Automobile Mechanics
		Transport Equipment Mechanics
		Machinery Equipment Fitters and Mechanics
	76. Electric and Electronic Related Trade Occupations	Electric and Electronic Machine Fitters and Repairers
		Electricians
	77. Construction and Mining Related Trade Occupations	Construction Structure Related Technical Workers
		Construction Related Technical Workers
		Construction Finishing Related Technical Workers
		Mining and Civil Engineering Related Technical Workers
	78. Information and Communications Technology Related Occupations	Broadcasting and Telecommunications Equipment Related Fitters and Repairers
		Craftsmen and Metalsmiths
	79. Other Technical Occupations	Plumbers
		Other Technical Workers
Equipment, Machine Operating and Assembling Workers	81. Food Processing Related Machine Operating Occupations	Food Processing Related Machine Operators
		Beverage Product Related Machine Operators
		Other Food Processing Related Machine Operators
	82. Textile and Shoe Related Machine Operating Occupations	Textile Production and Processing Machine Operators
		Textile and Shoe Related Machine Operators and Assemblers
		Laundry Related Machine Operators
	83. Chemical Related Machine Operating Occupations	Petroleum and Chemical Material Processing Machine Operators
		Chemical, Rubber and Plastic Production Machine Operators
	84. Metal and Nonmetal Related Machine Operating Occupations	Metal Casting and Metal Processing Related Operators
		Painting and Coating Machine Operators
		Non-metal Products Production Machine Operators
	85. Machine Production and Related Machine Operating Occupation	Metal Work Machinery Operators
		Cooling and Heating Related Equipment Operators
		Automated Assembly Line Operators and Industrial Robot Operators
		Transportation Vehicle and Machine Related Assemblers
		Metal Machinery Parts Assemblers

Major level	medium level(code)	minor level(reference)
	86. Electrical and Electronic Related Machine Operating Occupations	Power Generation and Distribution Equipment Operators
		Electrical and Electronic Equipment Operators
		Electrical, Electronic Parts and Products Production Equipment Operators
		Electrical, Electronic Parts and Products Assemblers
	87. Driving and Transport Related Occupations	Locomotive and Electric Train Drivers
		Freight Train Related Workers
		Automobile Drivers
		Freight-handling Equipment Operators
		Construction and Mining Machines Operators
	88. Water Treatment and Recycling Related Operating Occupation	Ship Workers and Related Workers
		Water Treatment Plant Operators
	89. Wood, Printing and Other Machine Operating Occupations	Recycling Machine and Incinerator Operators
		Wood and Paper Related Machine Operators
		Printing and Photo Development Related Machine Operators
		Other Machine Operators
Elementary Workers	91. Construction and Mining Related Elementary Occupations	Construction and Mining Laborers
	92. Transport Related Elementary Occupations	Loading and Lifting Elementary Workers
		Deliverers
	93. Production Related Elementary Occupations	Production Related Elementary Workers
	94. Cleaning and Guard Related Elementary Occupations	Cleaners and Sanitation Workers
		Building Concierges and Ticket Examiners
	95. Household Helpers, Cooking Attendants and Sales Related Elementary Workers	Domestic Chores and Infant Rearing Helpers
		Food Preparation Related Elementary Workers
		Sales Related Elementary Workers
	99. Agriculture, Forestry, Fishery and Other Service Elementary Occupations	Agriculture, Forestry and Fishery Related Elementary Workers
Gauge Reading, Money Collecting and Parking Control Related Workers		
Other Service Related Elementary Workers		
Armed Forces	100. Armed Forces	Officers
		Commissioned Officers

<Appendix 9> Enumeration Districts Code

SI / DO	(Code)	SI / DO	(Code)
Seoul Metropolitan City	(11)	Chungcheongbuk-do	(33)
Busan Metropolitan City	(21)	Chungcheongnam-do	(34)
Daegu Metropolitan City	(22)	Jeollabuk-do	(35)
Incheon Metropolitan City	(23)	Jeollanam-do	(36)
Gwangju Metropolitan City	(24)	Gyeongsangbuk-do	(37)
Daejeon Metropolitan City	(25)	Gyeongsangnam-do	(38)
Ulsan Metropolitan City	(26)	Jeju-do	(39)
Sejong City	(29)		
Gyeonggi-do	(31)		
Gangwon-do	(32)		