

The History of the Japan Standard Occupational Classification

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1. Purpose and history of the Japan Standard Occupational Classification

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Official statistics must be produced based on certain statistical standards in order to ensure uniformity and comprehensiveness of official statistics and to improve their usage. As one form of such statistical standards, the Japan Standard Occupational Classification has been established by classifying occupations according to the similarities between jobs undertaken by individuals and arranging them systematically, in order to express the official statistics for each individual occupation.

(2) History of the Japan Standard Occupational Classification

The origins of the Japan Standard Occupational Classification can be traced to the Occupational Classification used in the 1st Population Census, which was conducted in 1920.

This Occupational Classification was closer to an industrial classification in today's terms, with the addition of some occupational details. At the time, there was no clear distinction between the concepts of occupational and industrial classifications, the latter merely being conducted under the name of the former. The distinction between occupational and industrial classifications was first made in the 3rd Population Census in 1930. Then, from the 5th Population Census in 1940 onwards, the occupational classification used in the Census was prepared separately from the industrial classification. In the 2nd Population Census in 1925 and the 4th Population Census in 1935, meanwhile, there were no data specific to different occupations.

The impetus for the Occupational Classification to be established in its present form was provided by the World Census proposed by the United Nations in 1950. Japan took part in the Census, and, at the suggestion of the occupying forces (GHQ), a Central Planning Commission was set up within the Cabinet's Statistics Commission in 1950. Research on the various classifications was now promoted as a basic operation in the Census execution plan. For this, along with the various special working groups, an Occupational Classification Special Working Group consisting of a committee, a steering group and a sub-committee was set up.

This Working Group was responsible for preparing the Occupational Classification for the Population Census in September 1950, and then continued to prepare standard classifications. For this, a Technical Committee on Standard Occupational Classification was newly appointed to pursue research.

Following a reform of administrative organs, the Statistics Commission's Occupational Classification Expert Working Group became the Occupational Classification Expert Working Group of the Statistical Standards Department in the Administrative Management Agency from August 1952, though its organizational setup remained the same. In March 1953, a draft proposal for the Japan Standard Occupational Classification was published. This proposal was later re-published in March 1957.

Meanwhile, as part of the aforementioned reform of administrative organs, the Statistics Council was set up as a consultative body to the Director-General of the Administrative Management Agency in August 1952. At the 1st Meeting of the Statistics Council in September of that year, consultation was made on establishing standards for occupational classification used in statistical surveys (Consultation No.2: On the Establishment of Standards for Occupational Classification Used in Statistical Surveys), as well as on the establishment of standards for industrial classification, commodity classification, regional classification and buildings classification.

In response to this, an Occupational Classification Expert Working Group was set up within the Statistics Council in November of the same year, and started to deliberate on the establishment of the Japan Standard Occupational Classification.

After this, the Occupational Classification for the Population Census was created by the Statistics Bureau of the Prime Minister's Office in 1955. In 1958, the International Labour Organization (ILO) established its International Standard Classification of Occupations (ISCO), and deliberations on the Japan Standard Occupational Classification also took such experience and research into account.

Based on this background, a report on the establishment of the Japan Standard Occupational Classification was made by the 90th Meeting of the Statistics Council in March 1960, and in response to this, the Administrative Management Agency established the Japan Standard Occupational Classification in the same month.

Once the Japan Standard Occupational Classification had been established, considerable changes came to be observed in occupations as a result of shifts in socio-economic trends, causing a divergence from reality when applying the standard classification. Moreover, in 1968 the International Labour Organization (ILO) revised its International Standard Classification of Occupations (ISCO) (a draft revision was adopted at the 11th International Conference of Labour Statisticians (ICLS) in October 1966, and approved at the 168th General Assembly in February-March 1967). Therefore, a revision was planned, and consultation on revising the Japan Standard Occupational Classification was made at the 188th meeting of the Statistics Council in May 1968.

A report to this consultation was made at the 209th meeting of the Statistics Council in February 1970, and in response to this, the Administrative Management Agency carried out the 1st revision of the Japan Standard Occupational Classification in March of the same year.

Following this, the 2nd revision was made in December 1979, the 3rd revision in 1986, and finally the 4th revision in December 1997, to keep step with changes in occupational structure accompanying shifts in socio-economic trends.

The former Japan Standard Occupational Classification was not set up based on law or made public through a public notice. At the 166th Session of the Diet held in May 2007, the new Statistics Act (Act No. 53 of 2007; hereinafter the "New Act") approved for the purpose of promoting systematic and efficient development of official statistics and ensuring the usefulness thereof, along with the

establishment of the concept of “statistical standards”—technical standards for ensuring uniformity and comprehensiveness in producing official statistics. The statistical standards are to be established by the Minister for Internal Affairs and Communications based on the New Act as a generic name of what serves as standards in producing official statistics. Also under the New Act which provides for the establishment of the Statistics Commission, the former Statistics Council has been reorganized into the Statistics Commission.

Against the background of the New Act having approved the Ministry of Internal Affairs and Communications worked out a draft of the Japan Standard Occupational Classification (representing the fifth revision of its original) based on prevailing contents in December 1997, and consult with the Statistics Commission about newly establishing the draft as statistical standard in April 2009, which was reported back in August of the same year. In response to this action, the Ministry of Internal Affairs and Communications established the Japan Standard Occupational Classification as statistical standard and publicly notified it in December of the same year.

2. Revisions Made to Prevailing Contents as of December 1997

(1) Major Revisions

A. Review of the General Principles

(A) Meaning of Terms

The former definition of “occupations” (i.e., “work continuously undertaken by individuals and for compensation”) was reviewed, and the definitions of “work” and “compensation” were added at the same time.

- a. “Work” refers to duties or tasks that is performed by individuals.
- b. “Compensation” refers to anything that is given in compensation for labor, regardless of its name such as wages, salary, profit (for the self-employed) or anything else.
- c. “Occupations” refer to work undertaken by individuals with or for compensation.

(B) Principles for Applying and Setting up Classifications

It has been specified that the occupational classification is independent from the form of employment of individuals or the duration or continuity of work:

- a. The occupational classification classifies different types of work and applies to individuals through their work, and is used as statistical symbols classified by occupations.
- b. The classifications are set up independently from the industrial classification of the establishments where relevant individuals work, form of employment, and duration and continuity of the work.

(C) Method of Determining Occupations

With regard to the method of determining occupations for individuals engaged in work that

corresponds to plural classifications, the former processes were reviewed.

- a. When an individual is engaged in more than one line of work having different classifications in more than one place of employment, the occupation will be determined by the classification yielding the largest compensation, or if said determination proves difficult, by the classification that commands the longest working hours.
- b. When engaged in work that corresponds to more than one classification in one place of employment, the occupation will be determined as the classification that commands the longest working hours, but if said determination proves difficult and the work corresponds to plural classifications within one Major Group or Minor Group, the classification that corresponds to the main stage or final stage of the production process will be determined.

B. Revision of the Classification Table

In revising the classification table, the following standpoints were taken into consideration:

- (1) Standpoint of independence from the industrial classification or commodity classification
- (2) Response to changes in socioeconomic circumstances
- (3) Enhancement of comparability with the International Standard Occupational Classification (ISOC) and other international classifications

Of the three items above, (2) and (3) are the standpoints of revising the entire fields, and have been considered in revisions made in the past.

In making revisions at this time, the items have been set up in consideration of “(1) Standpoint of independence from the industrial classification or commodity classification” with regard to the classification of persons and engineers engaged in manufacturing process work.

In the former classification, occupations have been set up for each product created as a result of industrial or manufacturing activity in which the relevant individual is engaged. This is due to the fact that the “Merkmal” of the segment of occupations was mainly considered to be the content of technologies and knowledge required to develop and manufacture industries and products, and the segments of industries and products were considered to correspond to the segment of occupations. However, along with industrial evolution, technologies became more advanced and specialized, and manufacturing processes became more complicated and divided by the types of jobs, with even the same product requiring segmentalized technical fields, and the manufacturing process being specialized into multiple steps. As a result, the homogeneity of individual occupations became lost with focus on the standpoint regarding technologies and knowledge needed to manufacture products (considered the “Merkmal” of the segment of occupations until then); therefore, a classification system based on a new standpoint had to be set up.

In the following section, the major points of revisions in the classification table as of December 1997 (former classification) will be explained with the concrete contents of revisions

made at this time:

(A) Review of the Major Group

- a. “Transport and communication workers” in the former Major Group were abolished, and the Sub-Major Group of “Manufacturing process and related workers” has been restructured to newly establish “Manufacturing process workers,” “Transport and machinery operators,” “Construction and mining workers” and “Carrying, cleaning, packaging, and related workers.”
- b. In line with the International Standard Classification of Occupations (ISCO), the order of arraying “Professional and engineering workers” and “Administrative and managerial workers” has been reversed.
- c. The definition of “Administrative and managerial workers” was reviewed, and the term “exclusively” has been deleted from the former definition, “... who are *exclusively* engaged in the management and administration” in consideration of the balance with the definition of other Major Groups. As a result, the occupation of those engaged in both managerial work and on-site work is to be determined in accordance with the length of working hours for both types of work similarly to the other Major Groups.

(B) Major Review of Minor and Unit Groups

While an overall review was made, the following fields have been widely changed to make those fields independent from the standpoint of the industrial or commodity classification:

- a. “B - Professional and engineering workers”

The former classification of “Mechanical/electrical engineers” and “Mining and manufacturing industry technicians (except mechanical/electrical engineers)” set up from the standpoint of industrial classification in the former classification have been integrated, and “Manufacturing engineers (development)” and “Manufacturing engineers (except development)” have been newly set up.

- b. “H - Manufacturing processes workers”

In the former classification for those engaged in manufacturing processes, occupations were set up mainly by each product manufactured as a result of the relevant manufacturing activity in the Minor and Unit Groups under the Sub-Major Group of “I-1 - Manufacturing and production workers” under the Major Group of “I - Manufacturing process and related workers.”

[Example of former classification]

I. Manufacturing process and related workers

I-1 Manufacturing and production workers

51 Metal material manufacturing workers

511 Pig-iron forging and steelmaking workers

-
-
-

52 Chemical product manufacturing workers

521 Basic chemical product manufacturing workers

-
-
-

I-2 Stationary engine and construction machinery operators, electricity workers

I-3 Mine workers, construction workers and laborers

In the revision made at this time, from the standpoint of making the occupational classification independent from the industrial or commodity classification, the four parts of “Manufacturing and processing,” “Assembling,” “Maintenance and repair” and “Inspection” that are considered common parts from a cross-sectional standpoint have been separated from the manufacturing processes for various types of products.

In view of the forms of work, the former classification has also been separated into the “Work of operating automated manufacturing facilities including the monitoring of operational status and adjusting the operating conditions of mainly automated devices, plants and other facilities” and the “Work of directly manufacturing or processing products using tools, machinery and other equipment.”

Also, the “Product which is the object of industry or work engaged in” (i.e., Minor and Unit Groups in the former classification) has been made a Unit Group, and these groups have been sorted by each manufacturing process, product group and form of work, and classified and set up as the new Minor Groups shown below.

			Form of work	
			Mainly controlling and monitoring machinery and equipment (indirect processing)	Mainly manufacturing and processing with tools (direct processing)
Manufacturing processes	Manufacturing and processing	Metal products	Minor Group 49 “Manufacturing facility control and monitoring workers (metal products)”	Minor Group 52 “Product manufacturing and processing workers (metal products)”
		Other than metal products	Minor Group 50 “Manufacturing facility control and monitoring workers (except metal products)”	Minor Group 53 “Product manufacturing and processing workers (except metal products)”
	Assembling	Machinery	Minor Group 51 “Machine assembly facility control and monitoring workers”	Minor Group 54 “Machine assembly workers”
	Maintenance and repair		Minor Group 55 “Machine maintenance and repair workers”	
	Inspection	Metal products	Minor Group 56 “Product inspection workers (metal products)”	
		Other than metal products	Minor Group 57 “Product inspection workers (except metal products)”	
		Machinery	Minor Group 58 “Machine inspection workers”	
	Others			Minor Group 59 “Manufacturing-related and quasi-production workers”

(2) Comparison table of groups

Standard in 2009 (New)		1997 (Old)		Remarks
Major Group A - Administrative and managerial workers		Major Group B - Administrative and managerial workers		
01	Management government officials	21	Management government officials	
011	Legislative officials and government administrators	211	Legislative officials and government administrators	
012	Management-level national government officials	212	Management-level national government officials	
013	Management-level local government officials	213	Management-level local government officials	
02	Officers of companies and organizations	22	Officers of companies, organizations, etc.	Renamed
021	Company officers	221	Company officers	
022	Officers of independent administrative agencies, etc.	222	Officers of special status corporations	Renamed
029	Officers of other corporations , organizations	229	Officers of other corporations , organizations	
03	Management staff of companies and organizations	23	Management staff of companies, organizations, etc.	Renamed
031	Company management staff	231	Company management staff	
032	Independent administrative agency management staff	232	Special status corporation management staff	Renamed
039	Other corporations, organization management staff	239	Other corporations, organization management staff	
04	Other administrative and managerial workers	24	Other administrative and managerial workers	
049	Other administrative and managerial workers	249	Administrative and managerial workers not classified elsewhere	Renamed

Standard in 2009 (New)		1997 (Old)		Remarks
Major Group B - Professional and engineering workers		Major Group A - Professional and engineering workers		Compiled part of former A and H and inserted into new B
05	Researchers	01	Science researchers	Renamed
051	Natural science researchers	011	Natural science researchers	
052	Humanities, social science, and other researchers	012	Humanities, social science researchers	Renamed
06	Agriculture, forestry, and fishery engineers			Divided former 02 and inserted into new 06
		02	Agriculture, forestry, fishery and food engineers	
061	Agriculture, forestry, and fishery technicians			Integrated former 21 to 24 and 29 and inserted into new 061
		021	Agricultural engineers	
		022	Livestock engineers	
		023	Forestry engineers	
		024	Fishery engineers	
		025	Food engineers	
		029	Other agriculture, forestry, fisheries and food engineers	
07	Manufacturing engineers(development)			Integrated part of former 02 to 04 and inserted into new 07
071	Food engineers(development)			Divided former 025 and inserted into new 071
072	Electrical, electronic, telecommunications engineers (except communication network engineers) (development)			Integrated part of former 034 and 035 and inserted into new 072
073	Machinery engineers (development)			Divided former 031 and inserted into new 073
074	Automobile engineers (development)			Divided former 031 and inserted into new 074

Standard in 2009 (New)		1997 (Old)	Remarks
075	Transportation equipment engineers (except automobiles) (development)		Integrated part of former 032 and 033 and inserted into new 075
076	Metal engineers(development)		Divided former 041 and inserted into new 076
077	Chemical engineers(development)		Divided former 042 and inserted into new 077
079	Other manufacturing engineers (development)		Integrated former 036, 043, and 049 and inserted into new 079
08	Manufacturing engineers (except development)		Integrated part of former 02 to 04 and inserted into new 08
081	Food engineers (except development)		Divided former 025 and inserted into new 081
082	Electrical, electronic, telecommunications engineers (except communication network engineers) (except development)		Integrated part of former 034 and 035 and inserted into new 082
083	Machinery engineers (except development)		Divided former 031 and inserted into new 083
084	Automobile engineers (except development)		Divided former 031 and inserted into new 084
085	Transportation equipment engineers (except automobiles) (except development)		Integrated part of former 032 and 033 and inserted into new 085
086	Metal engineers (except development)		Divided former 041 and inserted into new 086
087	Chemistry engineers (except development)		Divided former 042 and inserted into new 087
089	Other manufacturing engineers (except development)		Integrated former 036, 043, and 049 and inserted into new 089
		03	Mechanical / electrical engineers
		031	Mechanical engineers
		032	Aircraft technicians

Standard in 2009 (New)		1997 (Old)		Remarks
		033	Shipbuilding technicians	
		034	Electrical engineers	
		035	Telecommunications engineers	
		036	Nuclear power technicians	
		04	Mining and manufacturing industry technicians (except mechanical / electrical engineers)	
		041	Metal smelting technicians	
		042	Chemical technicians	
		043	Ceramic technicians	
		049	Other mining & manufacturing industry technicians	
09	Architects, civil engineers and surveyors	05	Architects, civil engineers and surveyors	
091	Architectural engineers	051	Architectural engineers	
092	Civil engineers	052	Civil engineers	
093	Surveyors	053	Surveyors	
10	Data processing and communication engineers			Integrated part of former 03 and 06 and inserted into new 10
		06	Data processing engineers	
101	System consultants			Divided former 061 and inserted into new 101
102	System designers			Divided former 061 and inserted into new 102
103	Data processing project managers			Newly created
104	Software creators			Integrated part of former 061 and 062 and inserted into new 104
105	System operation managers			Divided former 061 and inserted into new 105
106	Communication network engineers			Divided former 035 and inserted into new 106

Standard in 2009 (New)		1997 (Old)		Remarks
109	Other data processing and communication engineers			Divided former 061 and inserted into new 109
		061	System engineers	
		062	Programmers	
11	Other engineers	07	Other engineers	
119	Other engineers	079	Engineers not classified elsewhere	
12	Doctors, dental surgeons, veterinary surgeons, pharmacists	08	Doctors, dental surgeons, veterinary surgeons, pharmacists	
121	Doctors	081	Doctors	
122	Dental surgeons	082	Dental surgeons	
123	Veterinary surgeons	083	Veterinary surgeons	
124	Pharmacists	084	Pharmacists	
13	Public health nurses, midwives, nurses	09	Public health nurses, midwives, nurses	
131	Public health nurses	091	Public health nurses	
132	Midwives	092	Midwives	
133	Nurses (including assistant nurses)	093	Nurses	Renamed
14	Medical technicians	10	Medical technicians	
141	Diagnostic radiographers	101	Diagnostic radiographers	
142	Clinical engineers			Divided former 119 and inserted into new 142
143	Clinical laboratory technicians	102	Clinical laboratory technicians, medical technicians	Renamed
144	Physiotherapists, occupational therapists			Divided former 103 and inserted into new 144
145	Certified orthoptists, speech therapists			Divided part of former 103 and 119 and inserted into new 145
		103	Physiotherapists, occupational therapists, certified orthoptists	

Standard in 2009 (New)		1997 (Old)		Remarks
146	Dental hygienists	104	Dental hygienists	
147	Dental technicians	105	Dental technicians	
15	Other health care workers	11	Other health care workers	Divided former 11 and inserted into new 15
151	Nutritionists	111	Nutritionists	
152	Masseurs, chiropractors, acupuncturists, moxacauterists and judo-orthopedists	112	Masseurs, chiropractors, acupuncturists, moxacauterists and judo-orthopedists	
159	Health care workers not classified elsewhere	119	Health care workers not classified elsewhere	Divided former 119 and inserted into new 159
16	Social welfare specialist professionals	12	Social welfare specialist professionals	Divided former 12 and inserted into new 16
161	Welfare counseling guidance professionals	121	Welfare counseling guidance professionals	
162	Welfare facility guidance professionals	122	Welfare facility guidance professionals	Divided part of former 122 and 124 and inserted into new 162
163	Childcare workers	123	Childcare workers	
		124	Welfare facility superintendents	
169	Other social welfare specialist professionals	129	Other social welfare specialist professionals	
17	Legal workers	13	Legal workers	
171	Judges			Divided former 131 and inserted into new 171
172	Public prosecutors			Divided former 131 and inserted into new 172
173	Attorneys			Divided former 131 and inserted into new 173
		131	Judges, public prosecutors, attorneys	
174	Patent attorneys			Divided former 132 and inserted into new 174
175	Judicial scriveners			Divided former 132 and inserted into new 175

Standard in 2009 (New)		1997 (Old)		Remarks
		132	Patent attorneys, judicial scriveners	
179	Other legal workers	139	Other legal workers	
18	Management, finance, and insurance professionals	14	Management professionals	Renamed
181	Certified public accountants			Divided former 141 and inserted into new 181
182	Licensed tax accountants			Divided former 141 and inserted into new 182
		141	Certified public accountants, licensed tax accountants	
183	Certified social insurance and labor consultant	142	Certified social insurance and labor consultant	
184	Finance and insurance professionals			Divided former 209 and inserted into new 184
189	Other management, finance, and insurance professionals	149	Other management professionals	Renamed
19	Teachers	15	Teachers	
191	Kindergarten teachers	151	Kindergarten teachers	
192	Elementary school teachers	152	Elementary school teachers	
193	Junior high school teachers	153	Junior high school teachers	
194	Senior high school teachers	154	Senior high school teachers	
195	Secondary educational school teachers			Newly created
196	Special needs education school teachers			Abolished former 157 and inserted into new 196
197	Vocational school teachers	155	Vocational school teachers	
198	University professors	156	University professors	
		157	Teachers at schools for the blind, deaf or handicapped	
199	Other teachers	159	Other teachers	

Standard in 2009 (New)		1997 (Old)		Remarks
20	Workers in religion	16	Workers in religion	
201	Workers in religion	161	Workers in religion	
21	Authors, journalists, editors	17	Writers, journalists, editors	Renamed
211	Authors	171	Writers, authors	Renamed
212	Journalists, editors	172	Journalists, editors	
22	Artists, designers, photographers, film operators	18	Artists, photographers, designers	Renamed
221	Sculptors	181	Sculptors	
222	Painters, calligraphers	182	Painters, calligraphers	
223	Industrial artists	183	Industrial artists	
224	Designers	184	Designers	
225	Photographers, film operators	185	Photographers	Renamed
23	Musicians, stage designers	19	Musicians, stage designers	
231	Musicians	191	Musicians	
232	Dancers	192	Dancers	
233	Actors	193	Actors	
234	Directors	194	Directors	
235	Performers	195	Performers	
24	Other specialist professionals	20	Other specialist professionals	Integrated part of former 20 and 50 and inserted into new 24
241	Librarians			Divided former 209 and inserted into new 241
242	Curators			Divided former 209 and inserted into new 242
243	Counselors (except medical and welfare facilities)	201	Occupational and educational counselors	Renamed
244	Private tutors	202	Private tutors	
245	Sports professionals	203	Sports professionals	

Standard in 2009 (New)		1997 (Old)		Remarks
246	Communication equipment operators			Integrated former 501, 502, and 509 and inserted into new 246
249	Specialist professionals not classified elsewhere	209	Specialist professionals not classified elsewhere	

Standard in 2009 (New)		1997 (Old)		Remarks
Major Group C - Clerical workers		Major Group C - Clerical workers		Integrated part of former C and H and inserted into new C
25	General clerical workers	25	General clerical workers	Integrated former 25 and part of former 30 and 50 and inserted into new 25
251	General affairs workers			Divided former 251 and inserted into new 251
252	Human affairs workers			Divided former 251 and inserted into new 252
		251	Administrative clerical workers	
253	Planning clerical workers	252	Planning clerical workers	
254	Reception and guidance clerical workers	253	Reception and guidance clerical workers	
255	Secretaries	254	Secretaries	
256	Telephone receptionists			Integrated part of former 289 and 503 and inserted into new 256
257	Comprehensive clerical workers			Newly created
259	Other general clerical workers	259	Other general clerical workers	Integrated part of former 259 and 303 and inserted into new 259
26	Accountancy clerks	26	Accountancy clerks	Integrated part of former 25 and 26 and inserted into new 26
261	Cash disbursement and receipt clerks	261	Cash disbursement and receipt clerks	Divided former 261 and inserted into new 261
262	Deposit counter clerks	262	Deposit counter clerks	
263	Accountants business clerks			Divided former 269 and inserted into new 263
269	Other accountancy clerks	269	Other accountancy clerks	Integrated part of former 251 and 269 and inserted into new 269
27	Production-related clerical workers	27	Production-related clerical workers	

Standard in 2009 (New)		1997 (Old)		Remarks
271	Production sites clerical workers	271	Production sites clerical workers	
272	Incoming and outgoing shipment clerks	272	Incoming and outgoing shipment clerks	
28	Sales clerks	28	Sales clerks	Abolished former 28 and inserted into new 28
281	Sales clerks	281	Sales clerks	
289	Other sales clerical workers	289	Other sales clerical workers	Abolished former 289 and inserted into new 289
29	Outdoor service workers	29	Outdoor service workers	Abolished former 29 and inserted into new 29
291	Money collectors	291	Money collectors	Abolished former 291 and inserted into new 291
292	Investigators			Newly created
299	Other outdoor service workers	299	Other outdoor service workers	
30	Transport and post clerical workers	30	Transport and communication clerical workers	Renamed
301	Passenger / freight clerical workers	301	Passenger / freight clerical workers	
302	Transportation management clerical workers	302	Transportation management clerical workers	
303	Post clerical workers	303	Post and communications clerical workers	Abolished former 303 and inserted into new 303
31	Office appliance operators	31	Office appliance operators	Abolished former 31 and inserted into new 31
311	Personal computer operators			Divided former 319 and inserted into new 311
		311	Stenographers, typists, word processor operators	
312	Data entry device operators	312	Key punchers	Renamed

Standard in 2009 (New)		1997 (Old)		Remarks
313	Computer operators (except personal computer)	313	Computer operators	Renamed
319	Other office appliance operators	319	Other office appliance operators	Integrated part of former 311 and 319 and inserted into new 319

Standard in 2009 (New)		1997 (Old)		Remarks
Major Group D - Sales workers		Major Group D - Sales workers		Integrated part of former C and D and inserted into new D
32	Merchandise sales workers	32	Merchandise sales workers	Integrated part of former 26 and 32 and inserted into new 32
321	Retailers, retail manager	321	Retailers	Renamed
322	Wholesalers, wholesale manager	322	Wholesalers	Renamed
		323	Restaurateurs	
323	Shop assistants	324	Shop assistants	Integrated part of former 261 and 324 and inserted into new 323
324	Home visit and mobile sales workers	325	Home visit and mobile sales workers	
325	Recycled resources collection and wholesale workers	326	Recycled resources wholesale and collection workers	Renamed
326	Goods purchase canvassers	327	Goods purchasers and sales canvassers	Abolished former 327 and inserted into new 326
33	Quasi-sales workers	33	Quasi-sales workers	Abolished former 33 and inserted into new 33
331	Real estate agents and dealers	331	Real estate agents and dealers	Divided former 331 and inserted into new 331
332	Insurance agents and brokers	332	Insurance brokers and salesmen	Abolished former 332 and inserted into new 332
333	Stock dealers, finance brokers	333	Stockbrokers	Renamed
334	Pawnbrokers and pawnshop workers	334	Pawnbrokers and pawnshop workers	
		335	Salesmen and canvassers (except merchandise, real estate, insurance and negotiable securities)	
339	Other quasi-sales workers	339	Other quasi-sales workers	

Standard in 2009 (New)	1997 (Old)	Remarks
34 Sales workers		Integrated part of former 32 and 33 and inserted into new 34
341 Food sales workers		Divided former 327 and inserted into new 341
342 Chemical sales workers		Divided former 327 and inserted into new 342
343 Medicine sales workers		Divided former 327 and inserted into new 343
344 Machinery sales workers (except communication equipment)		Divided former 327 and inserted into new 344
345 Communication and system sales workers		Divided former 327 and inserted into new 345
346 Finance and insurance sales workers		Integrated part of former 332 and 335 and inserted into new 346
347 Real estate sales workers		Divided former 331 and inserted into new 347
349 Other sales workers		Divided former 335 and inserted into new 349

Standard in 2009 (New)		1997 (Old)		Remarks
Major Group E - Service workers		Major Group E - Service workers		Integrated part of former B, D, and E and inserted into new E
35	Domestic support service workers	34	Domestic support service workers	Divided former 34 and inserted into new 35
351	Housekeepers, home helpers	341	Housekeepers, home helpers	
		342	Home helpers	
359	Other domestic support service workers	349	Other domestic support service workers	
36	Care service workers			Integrated part of former 12 and 34 and inserted into new 36
361	Care workers (medical and welfare facilities, etc.)			Divided former 124 and inserted into new 361
362	Home visiting care workers			Divided former 342 and inserted into new 362
37	Healthcare service workers			Divided former 11 and inserted into new 37
371	Care assistants			Divided former 119 and inserted into new 371
372	Dental assistants			Divided former 119 and inserted into new 372
379	Other healthcare service workers			Divided former 119 and inserted into new 379
38	Domestic hygiene service workers	35	Domestic hygiene service workers	
381	Hairdressers	351	Hairdressers	
382	Beauticians	352	Beauticians	
383	Cosmetic service workers (except beauticians)	353	Cosmetic service workers (except beauticians)	
384	Bath workers	354	Bath workers	
385	Launderers	355	Launderers	
386	Fullers	356	Fullers	

Standard in 2009 (New)		1997 (Old)		Remarks
39	Food and drink preparatory workers	36	Food and drink preparatory workers	
391	Cooks	361	Cooks	
392	Bartenders	362	Bartenders	
40	Customer service workers	37	Customer service workers	
401	Restaurateurs, restaurant managers			Moved from former 323
402	Japanese inn owners and managers			Moved from former 376
403	Food and drink service workers	371	Food and drink service workers	
404	Personal assistance workers	372	Personal assistance workers	
405	Customer entertainment workers	373	Customer entertainment workers	
406	Geisha, dancers	374	Geisha, dancers	
407	Service workers in places of entertainment, etc.	375	Service workers in places of entertainment, etc.	
		376	Japanese inn owners and managers	
41	Residential facilities, office buildings and other management personnel	38	Residential facilities, office buildings and other management personnel	
411	Condominiums, apartment buildings, and lodging houses management personnel	381	Condominiums, apartment buildings, and lodging houses management personnel	
412	Hostel and dormitory management personnel	382	Hostel and dormitory management personnel	
413	Office building management personnel	383	Office building management personnel	
414	Car park management personnel	384	Car park management personnel	
42	Other service workers	39	Other service workers	Abolished former 39 and inserted into new 42
421	Travel and tourist guides	391	Travel and tourist guides	
422	Left luggage handlers	392	Left luggage handlers	

Standard in 2009 (New)		1997 (Old)		Remarks
423	Commodity hire workers	393	Commodity hire workers	
424	Advertisers	394	Advertisers	
425	Undertakers, crematorium workers	395	Undertakers, crematorium workers	
429	Service workers not classified elsewhere	399	Service workers not classified elsewhere	Abolished former 399 and inserted into new 429

Standard in 2009 (New)		1997 (Old)		Remarks
Major Group F - Security workers		Major Group F - Security workers		
43	Self-defense officials	40	Self-defense officials	
431	Ground self-defense officials	401	Ground self-defense officials	
432	Maritime self-defense officials	402	Maritime self-defense officials	
433	Air self-defense officials	403	Air self-defense officials	
434	Defense Academy, National Defense Medical College students	404	Defense Academy, National Defense Medical College students	
44	Judicial police staff	41	Judicial police staff	
441	Police officers	411	Police officers	
442	Maritime safety officials	412	Maritime safety officials	
449	Other judicial police staff	419	Other judicial police staff	
45	Other public security workers	42	Other public security workers	
451	Prison guards	421	Prison guards	
452	Firefighters	422	Firefighters	Integrated part of former 422 and 429 and inserted into new 452
453	Security staff	423	Security staff	
459	Other public security workers not classified elsewhere	429	Other public security workers not classified elsewhere	Divided former 429 and inserted into new 459

Standard in 2009 (New)		1997 (Old)		Remarks
Major Group G - Agriculture, forestry and fishery workers		Major Group G - Agriculture, forestry and fishery workers		Integrated part of former G and I and inserted into new G
46	Agriculture workers	43	Agriculture workers	Integrated part of former 43 and 80 and inserted into new 46
461	Crop farming workers	431	Crop farming and sericulture workers	Divided former 431 and inserted into new 461
462	Livestock farm workers	432	Livestock farm workers	Integrated part of former 431 and 432 and inserted into new 462
463	Landscape gardeners, nursery workers	433	Landscape gardeners, nursery workers	Integrated part of former 433 and 809 and inserted into new 463
469	Other agricultural workers	439	Other agricultural workers	
47	Forestry workers	44	Forestry workers	
471	Forest nursery workers	441	Forest nursery workers	
472	Tree-felling, logging, and collecting workers			Integrated part of former 442 and 443 and inserted into new 472
		442	Tree-felling and logging workers	
		443	Timber collection and transportation workers	
		444	Charcoal and firewood manufacturing workers	
479	Other forestry workers	449	Other forestry workers	Integrated part of former 444 and 449 and inserted into new 479
48	Fishery workers	45	Fishery workers	
481	Fishery workers	451	Fishery workers	
482	Ships' captains, navigation officers, chief engineers, engineers (fishing boats)	452	Ships' captains, navigation officers, chief engineers, engineers (fishing boats)	
483	Seaweed and shellfish harvesting workers	453	Seaweed and shellfish harvesting workers	

Standard in 2009 (New)		1997 (Old)		Remarks
484	Aquaculture workers	454	Aquaculture workers	
489	Other fishery workers	459	Other fishery workers	

Standard in 2009 (New)	1997 (Old)	Remarks
	Major Group H - Transport and communication workers	
	46 Railway drivers	
	461 Electric and diesel engine drivers	
	462 Electric and diesel car drivers	
	47 Motor vehicle drivers	
	471 Bus drivers	
	472 Passenger automobile drivers	
	473 Goods vehicle drivers	
	479 Other motor vehicle drivers	
	48 Ship and aircraft operators	
	481 Ships captains (except fishing boats)	
	482 Navigation officers, navigators (except fishing boats), pilots	
	483 Ships' chief engineers, engineers (except fishing boats)	
	484 Aircraft pilots	
	485 Aviation engineers	
	49 Other transport workers	
	491 Conductors	
	492 Railway transport workers	
	493 Deckhands, dual purpose crew (DPC)	
	494 Ships stokers	
	499 Transport workers not classified elsewhere	
	50 Communications workers	
	501 Radio communication technicians	

Standard in 2009 (New)		1997 (Old)	Remarks
		502 Cable correspondent	
		503 Telephone exchange operators	
		504 Mail and telegram collection and delivery workers	
		509 Other communications workers	
Major Group H - Manufacturing process workers			Divided former I and inserted into new H
49	Manufacturing facility control and monitoring workers (metal products)		Integrated part of former 51 and 55 and inserted into new 49
491	Pig-iron forging, steelmaking, non-ferrous metal smelting facility control and monitoring workers		Integrated part of former 511 and 512 and inserted into new 491
492	Cast metal manufacturing and forging facility control and monitoring workers		Integrated part of former 513 and 514 and inserted into new 492
493	Metal machine tools facility control and monitoring workers		Integrated part of former 551 and inserted into new 493
494	Metal press facility control and monitoring workers		Integrated part of former 552 and inserted into new 494
495	Ironwork and boilermaking facility control and monitoring workers		Integrated part of former 553 and inserted into new 495
496	Sheet metal facility control and monitoring workers		Integrated part of former 554 and inserted into new 496
497	Metal sculpture and plating facility control and monitoring workers		Integrated part of former 555, 556, and 557 and inserted into new 497
498	Metal welding and fusion cutting facility control and monitoring		Integrated part of former 561 and 569 and inserted into new 498
499	Other manufacturing facility control and monitoring workers (metal products)		Integrated part of former 517 to 517, 519, 558, and 559 and inserted into new 499

Standard in 2009 (New)	1997 (Old)	Remarks
50 Manufacturing facility control and monitoring workers (except metal products)		Integrated part of former 52 to 54 and 61 to 72 and inserted into new 50
501 Chemical product manufacturing facility control and monitoring workers		Divided former 52 and inserted into new 501
502 Ceramic, earth, and stone product manufacturing facility control and monitoring workers		Integrated part of former 53 and 54 and inserted into new 502
503 Food manufacturing facility control and monitoring workers		Integrated part of former 61 and 62 and inserted into new 503
504 Beverage and cigarette manufacturing facility control and monitoring workers		Divided former 63 and inserted into new 504
505 Spinning, weaving, apparel, and fiber product manufacturing facility control and monitoring workers		Integrated part of former 64 and 65 and inserted into new 505
506 Wooden and paper product manufacturing facility control and monitoring workers		Integrated part of former 66 and 67 and inserted into new 506
507 Printing and bookbinding facility control and monitoring workers		Divided former 68 and inserted into new 507
508 Rubber, plastic product manufacturing facility control and monitoring workers		Divided former 69 and inserted into new 508
509 Other manufacturing facility control and monitoring workers (except metal products)		Integrated part of former 70 to 72 and inserted into new 509
51 Machine assembly facility control and monitoring workers		Integrated part of former 57 to 60 and inserted into new 51
511 General-purpose, manufacturing, and business-use mechanical apparatus assembly facility control and monitoring workers		Divided former 571 and inserted into new 511

Standard in 2009 (New)	1997 (Old)	Remarks
512 Electro-mechanical apparatus assembly facility control and monitoring workers		Divided former 58 and inserted into new 512
513 Automobile assembly facility control and monitoring workers		Divided former 591 and inserted into new 513
514 Transportation machinery assembly facility control and monitoring workers (except automobiles)		Integrated part of former 593 to 596 and 599 and inserted into new 514
515 Weighing and measuring appliance, photo-optic mechanical apparatus assembly facility control and monitoring workers		Divided former 60 and inserted into new 515
52 Product manufacturing and processing workers (metal products)		Integrated part of former 51 and 55 and inserted into new 52
521 Pig-iron forging, steelmaking, non-ferrous metal smelting workers		Integrated part of former 511 and 512 and inserted into new 521
522 Cast metal manufacturing and forging workers		Integrated part of former 513 and 514 and inserted into new 522
523 Metal machine tools workers		Divided former 551 and inserted into new 523
524 Metal press workers		Divided former 552 and inserted into new 524
525 Ironworkers, boilermakers		Divided former 553 and inserted into new 525
526 Sheet metal workers		Divided former 554 and inserted into new 526
527 Metal sculpture and plating workers		Integrated part of former 555 to 557 and inserted into new 527
528 Metal welding and fusion cutting workers		Integrated part of former 561 and 569 and inserted into new 528

Standard in 2009 (New)		1997 (Old)	Remarks
529	Other product manufacturing and processing workers (metal products)		Integrated part of former 515 to 517, 519, 558, and 559 and inserted into new 529
53	Product manufacturing and processing workers (except metal products)		Integrated part of former 52 to 54 and 61 to 72 and inserted into new 53
531	Chemical product manufacturing workers		Divided former 52 and inserted into new 531
532	Ceramic, earth, and stone product manufacturing workers		Integrated part of former 53 and 54 and inserted into new 532
533	Food manufacturing workers		Integrated part of former 61 and 62 and inserted into new 533
534	Beverage and cigarette manufacturing workers		Divided former 63 and inserted into new 534
535	Spinning, weaving, apparel, and fiber product manufacturing workers		Integrated part of former 64 and 65 and inserted into new 535
536	Wooden and paper product manufacturing workers		Integrated part of former 66 and 67 and inserted into new 536
537	Printing and bookbinding workers		Divided former 68 and inserted into new 537
538	Rubber, plastic product manufacturing workers		Divided former 69 and inserted into new 538
539	Other product manufacturing and processing workers (except metal products)		Integrated part of former 70 to 72 and inserted into new 539
54	Machine assembly workers		Integrated part of former 57 to 60 and inserted into new 54
541	General-purpose, manufacturing, and business-use mechanical apparatus assembly workers		Divided former 571 and inserted into new 541
542	Electro-mechanical apparatus assembly workers		Divided former 58 and inserted into new 542

Standard in 2009 (New)	1997 (Old)	Remarks
543 Automobile assembly workers		Divided former 591 and inserted into new 543
544 Transportation machinery assembly workers (except automobiles)		Integrated part of former 593 to 596 and 599 and inserted into new 544
545 Weighing and measuring appliance, photo-optic mechanical apparatus assembly workers		Divided former 60 and inserted into new 545
55 Machine maintenance and repair workers		Integrated part of former 57 to 60 and inserted into new 55
551 General-purpose, manufacturing, and business-use mechanical apparatus maintenance and repair workers		Divided former 572 and inserted into new 551
552 Electro-mechanical apparatus maintenance and repair workers		Divided former 58 and inserted into new 552
553 Automobile maintenance and repair workers		Divided former 592 and inserted into new 553
554 Transportation machinery maintenance and repair workers (except automobiles)		Integrated part of former 593 to 596 and 599 and inserted into new 554
555 Weighing and measuring appliance, photo-optic mechanical apparatus maintenance and repair workers		Divided former 60 and inserted into new 555
56 Product inspection workers (metal products)		Integrated part of former 51, 55, and 56 and inserted into new 56
561 Metal material inspection workers		Divided former 51 and inserted into new 561
562 Metal processing, welding, fusion cutting workers		Integrated part of former 55 and 56 and inserted into new 562

Standard in 2009 (New)	1997 (Old)	Remarks
57 Product inspection workers (except metal products)		Integrated part of former 52 to 54 and 61 to 72 and inserted into new 57
571 Chemical product inspection workers		Divided former 52 and inserted into new 571
572 Ceramic, earth, and stone product inspection workers		Integrated part of former 53 and 54 and inserted into new 572
573 Food inspection workers		Integrated part of former 61 and 62 and inserted into new 573
574 Beverage and cigarette inspection workers		Divided former 63 and inserted into new 574
575 Spinning, weaving, apparel, and fiber product inspection workers		Integrated part of former 64 and 65 and inserted into new 575
576 Wooden and paper product inspection workers		Integrated part of former 66 and 67 and inserted into new 576
577 Printing and bookbinding inspection workers		Divided former 68 and inserted into new 577
578 Rubber, plastic product inspection workers		Divided former 69 and inserted into new 578
579 Other product inspection workers (except metal products)		Integrated part of former 70 to 72 and inserted into new 579
58 Machine inspection workers		Integrated part of former 57 to 60 and inserted into new 58
581 General-purpose, manufacturing, and business-use mechanical apparatus inspection workers		Divided former 57 and inserted into new 581
582 Electro-mechanical apparatus inspection workers		Divided former 58 and inserted into new 582
583 Automobile inspection workers		Integrated part of former 591 and 592 and inserted into new 583

Standard in 2009 (New)		1997 (Old)	Remarks
584	Transportation machinery inspection workers (except automobiles)		Integrated part of former 593 to 596 and 599 and inserted into new 584
585	Weighing and measuring appliance, photo-optic mechanical apparatus inspection workers		Divided former 60 and inserted into new 585
59	Manufacturing-related and quasi-manufacturing workers		Divided former 72 and inserted into new 59
591	Manufacturing-related workers		Integrated part of former 723 to 727 and 729 and inserted into new 591
592	Quasi-manufacturing workers		Divided former 729 and inserted into new 592
		Major Group I - Manufacturing process and related workers	
		I-1 Manufacturing and production workers	
		51 Metal material manufacturing workers	
		511 Pig-iron forging and steelmaking workers	
		512 Non-ferrous metal smelting workers	
		513 Cast metal manufacturing workers	
		514 Forging workers	
		515 Metal heat treatment workers	
		516 Rolling workers	
		517 Wire drawing workers	
		519 Other metal material manufacturing workers	
		52 Chemical product manufacturing workers	

Standard in 2009 (New)	1997 (Old)	Remarks
	521 Basic chemical product manufacturing workers	
	522 Petroleum refiners	
	523 Chemical fiber manufacturing workers	
	524 Oil and fat processing workers	
	525 Medicines, cosmetics manufacturing workers	
	529 Other chemical product manufacturing workers	
	53 Ceramic product manufacturing workers	
	531 Ceramic raw material processing workers	
	532 Glass product shaping workers	
	533 Glazing, enamel processing workers	
	534 Brick, tile, clay pipe manufacturing workers	
	535 Porcelain and ceramic manufacturing workers (including fine ceramics)	
	536 Ceramic painting workers	
	537 Cement manufacturing workers	
	538 Cement product manufacturing workers	
	539 Other ceramic product manufacturing workers	
	54 Earth and stone product manufacturing workers	
	541 Stonemasons	
	549 Other earth and stone product manufacturing workers	

Standard in 2009 (New)	1997 (Old)	Remarks
	55 Metal processing workers	
	551 Metal machine tools workers	
	552 Metal press workers	
	553 Ironworkers, boilermakers	
	554 Sheet metal workers	
	555 Metal sculpture workers	
	556 Plating workers	
	557 Metal surface treatment workers (except plating)	
	558 Wire products, needle and spring manufacturing workers	
	559 Other metal processing workers	
	56 Metal welding, fusion cutting workers	
	561 Electric welding workers	
	569 Other welding, fusion cutting workers	
	57 General mechanical apparatus assembly and repair workers	
	571 General mechanical apparatus assembly workers	
	572 General mechanical apparatus repair workers	
	58 Electro-mechanical apparatus assembly and repair workers	
	581 Electric machinery assembly and repair workers	
	582 Telecommunications appliance assembly and repair workers	
	583 Light bulb and electron tube assembly workers	
	584 Coated wire manufacturing workers	

Standard in 2009 (New)	1997 (Old)	Remarks
	585 Semi-conductor product manufacturing workers	
	586 Electronic appliance assembly workers	
	589 Other electro-mechanical apparatus assembly and repair workers	
	59 Transportation machinery assembly and repair workers	
	591 Automobile assembly workers	
	592 Automobile maintenance workers	
	593 Aircraft assembly, maintenance workers	
	594 Railway vehicle assembly and repair workers	
	595 Bicycle assembly and repair workers	
	596 Ship rigging workers	
	599 Other transportation machinery assembly and repair workers	
	60 Weighing and measuring appliance, photo-optic mechanical apparatus assembly and repair workers	
	601 Weighing and measuring appliance assembly and repair workers	
	602 Clock assembly and repair workers	
	603 Photo-optic mechanical apparatus assembly and repair workers	
	604 Lens polishing and adjustment workers	

Standard in 2009 (New)	1997 (Old)	Remarks
	609 Other weighing and measuring appliance, photo-optic mechanical apparatus assembly and repair workers	
	61 Cereal polishing, flour milling, and seasoned food manufacturing workers	
	611 Cereal polishing workers	
	612 Flour milling workers	
	613 Sugar manufacturing workers	
	614 <i>Miso</i> , soy sauce manufacturing workers	
	615 Animal and vegetable oil and fat manufacturing workers	
	62 Food manufacturing workers (except cereal polishing, flour milling, and seasoned food manufacturing workers)	
	621 Noodle manufacturing workers	
	622 Bread and confectionery manufacturing workers	
	623 <i>Tofu</i> , konjak jelly, wheat- gluten bread manufacturing workers	
	624 Canned, bottled, seal- wrapped food manufacturing workers	
	625 Milk and milk product manufacturing workers	
	626 Processed meat product manufacturing workers	
	627 Fishery product processing workers	
	629 Other food manufacturing workers	
	63 Beverage and cigarette manufacturing workers	

Standard in 2009 (New)	1997 (Old)	Remarks
	631 Tea manufacturing workers	
	632 Saké manufacturing workers	
	633 Liquor manufacturing workers (except saké)	
	634 Cold drinks manufacturing workers	
	635 Cigarette manufacturing workers	
	639 Other beverages, cigarettes manufacturing workers	
	64 Spinners and weavers	
	641 Roving and spinning workers	
	642 Double yarn, twisted yarn and processed yarn workers	
	643 Loom preparation workers	
	644 Woven fabric workers	
	645 Bleaching and refining workers	
	646 Dyeing, finishing workers	
	647 Knitting, industrial knitting workers	
	648 Rope and net manufacturing workers (fiber)	
	649 Other spinners and weavers	
	65 Apparel, fiber product manufacturing workers	
	651 Adult women's and children's garment tailoring workers	
	652 Adult men's garment tailoring workers	
	653 Japanese garment tailoring workers	
	654 Embroidery workers	

Standard in 2009 (New)	1997 (Old)	Remarks
	655 Machine sewing workers	
	656 Cutting workers	
	659 Other apparel, fiber product manufacturing workers	
	66 Wood, bamboo, grass and vine product manufacturing workers	
	661 Timber, chip manufacturing workers	
	662 Plywood workers	
	663 Woodworking, wood-carving workers	
	664 Wooden furniture, architectural furniture manufacturing workers	
	665 Shipwrights	
	666 Bamboo craft workers	
	667 Grass and vine product manufacturing workers	
	669 Other wood, bamboo, grass and vine product manufacturing workers	
	67 Pulp, paper, paper product manufacturing workers	
	671 Pulp, paper material manufacturing workers	
	672 Papermaking workers	
	673 Processed paper manufacturing workers	
	674 Paper container manufacturing workers	
	675 Paper product manufacturing workers	
	679 Other pulp, paper, paper product manufacturing workers	

Standard in 2009 (New)	1997 (Old)	Remarks
	68 Printing, bookbinding workers	
	681 Letter typesetting workers	
	682 Platemaking workers	
	683 Printing workers	
	684 Bookbinding workers	
	689 Other printing, bookbinding workers	
	69 Rubber, plastic product manufacturing workers	
	691 Raw rubber processing workers	
	692 Rubber product manufacturing workers	
	693 Plastic product shapers and processors	
	699 Other rubber and plastic product manufacturing workers	
	70 Leather, leather product manufacturing workers	
	701 Leather manufacturing workers	
	702 Shoe manufacture and repair workers	
	709 Other leather, leather product manufacturing workers	
	71 Personal ornament and other accessory manufacturing workers	
	711 Briefcase, bag manufacturing workers	
	712 Toy manufacturing workers	
	713 Lantern, fans manufacturing workers	
	714 Broom, brush manufacturing workers	

Standard in 2009 (New)	1997 (Old)	Remarks
	715 Lacquerware manufacturing workers	
	716 Precious metals, jewelry, tortoise shell, antler and other craft workers	
	717 Seal engravers	
	719 Other personal ornament and accessory manufacturing workers	
	72 Other manufacturing and production workers	
	721 Lining workers	
	722 Paper hangers	
	723 Paint workers	
	724 Painters, signboard production workers	
	725 Photograph development, printing and enlargement workers	
	726 Drafting and tracing workers	
	727 Lofted drawing workers	
	728 Packaging workers	
	729 Manufacturing and production workers not classified elsewhere	

Standard in 2009 (New)	1997 (Old)	Remarks
Major Group I – Transport and machine operation workers		Integrated part of former H and I and inserted into new I
60 Railway drivers		Divided former 46 and inserted into new 60
601 Electric train drivers		Divided former 462 and inserted into new 601
609 Other train drivers		Integrated part of former 461 and 462 inserted into new 609
61 Motor vehicle drivers		Divided former 47 and inserted into new 61
611 Bus drivers		Moved from former 471 and inserted into new 611
612 Passenger automobile drivers		Moved from former 472 and inserted into new 612
613 Goods vehicle drivers		Moved from former 473 and inserted into new 613
619 Other motor vehicle drivers		Moved from former 479 and inserted into new 619
62 Ship and aircraft operators		Divided former 48 and inserted into new 62
621 Ships captains (except fishing boats)		Moved from former 481 and inserted into new 621
622 Navigation officers, navigators (except fishing boats), pilots		Moved from former 482 and inserted into new 622
623 Ships' chief engineers, engineers (except fishing boats)		Moved from former 483 and inserted into new 623
624 Aircraft pilots		Integrated former 484 and 485 inserted into new 624

Standard in 2009 (New)		1997 (Old)		Remarks
63	Other transport workers			Moved from former 49 and inserted into new 63
631	Conductors			Moved from former 491 and inserted into new 631
632	Railway transport workers			Moved from former 492 and inserted into new 632
633	Deckhands, dual purpose crew (DPC)			Moved from former 493 and inserted into new 633
634	Ships stokers			Moved from former 494 and inserted into new 634
639	Transport workers not classified elsewhere			Moved from former 499 and inserted into new 639
		I-2	Stationary engine and construction machinery operators, electricity workers	
64	Stationary and construction machinery operators	73	Stationary engine and machinery, construction machinery operators	Integrated former 484 and 485 inserted into new 624
641	Power plant and substation workers			Moved from former 741 and inserted into new 641
642	Boiler operators	731	Boiler operators	
643	Crane, winch operators	732	Crane, winch operators	
644	Pump, blower, compressors operators	733	Pump, blower, compressors operators	
645	Construction, well-drilling machinery operators			Integrated part of former 734 and 755 inserted into new 645
		734	Construction machinery operators	
646	Oil drilling and natural gas drilling machinery operators			Divided former 755 and inserted into new 646

Standard in 2009 (New)	1997 (Old)	Remarks
649 Other stationary and construction machinery operators	739 Other stationary engine, machinery and construction machinery operators	Renamed
	74 Electricity workers	
	741 Power plant and substation workers	
	742 Power line hanging and laying workers	
	743 Distribution line hanging and laying workers	
	744 Communication line hanging and laying workers	
	745 Telecommunication equipment construction workers	
	746 Electric construction workers	
	I-3 Mine workers, construction workers and laborers	
	75 Mine workers	
	751 Miners	
	752 Stone quarry workers	
	753 Gravel, sand and clay quarrying workers	
	754 Dam, tunnel excavation workers	
	755 Well-drilling, oil drilling and natural gas drilling workers	
759 Other mine workers		

Standard in 2009 (New)		1997 (Old)		Remarks
Major Group J - Construction and mining workers				Divided former I and inserted into new J
65	Construction skeleton workers	76	Construction skeleton workers	
651	Molding box carpenters	761	Molding box carpenters	
652	Scaffolding workers	762	Scaffolding workers	
653	Steel reinforcement workers	763	Steel reinforcement workers	
66	Construction workers (except construction skeleton workers)	77	Construction workers (except construction skeleton workers)	
661	Carpenters	771	Carpenters	
662	Block and tile laying workers	772	Block and tile laying workers	
663	Roofing workers	773	Roofing workers	
664	Plasterers	774	Plasterers	
665	<i>Tatami</i> workers	775	<i>Tatami</i> workers	
666	Pipe laying workers	776	Pipe laying workers	
669	Other construction workers	779	Other construction workers	
67	Electric construction workers			Moved from former 74 and inserted into new 67
671	Power line hanging and laying workers			Moved from former 742 and inserted into new 671
672	Distribution line hanging and laying workers			Moved from former 743 and inserted into new 672
673	Communication line hanging and laying workers			Moved from former 744 and inserted into new 673
674	Telecommunication equipment construction workers			Moved from former 745 and inserted into new 674
679	Other electric construction workers			Moved from former 746 and inserted into new 679

Standard in 2009 (New)		1997 (Old)		Remarks
68	Civil engineering workers	78	Civil engineering workers	Integrated part of former 75 and 78 inserted into new 68
681	Civil engineering workers	781	Civil engineering workers	
682	Railway line construction workers	782	Railway line construction workers	
683	Dam, tunnel excavation workers			Moved from former 754 and inserted into new 683
69	Mine workers			Divided former 75 and inserted into new 69
691	Miners			Moved from former 751 and inserted into new 691
692	Stone quarry workers			Moved from former 752 and inserted into new 692
693	Gravel, sand and clay quarrying workers			Moved from former 753 and inserted into new 693
699	Other mine workers			Moved from former 759 and inserted into new 699

Standard in 2009 (New)		1997 (Old)		Remarks
Major Group K - Carrying, cleaning, packaging, and related workers				Divided former I and inserted into new K
70	Carrying workers	79	Transport labor workers	Integrated part of former 50 and 79 inserted into new 70
701	Mail and telegram collection and delivery workers			Moved from former 504 and inserted into new 701
702	Onboard and quayside cargo handlers	791	Onboard and quayside cargo handlers	
703	Land-based cargo handling and carrying workers	792	Land-based cargo handling and carrying workers	
704	Warehouse workers	793	Warehouse workers	
705	Delivery workers	794	Delivery workers	
706	Packing workers	795	Packing workers	
		80	Other labor workers	
		801	Cleaners	
71	Cleaning workers			Divided former 801 and inserted into new 71
711	Building cleaning workers			Divided former 801 and inserted into new 711
712	House cleaning workers			Divided former 801 and inserted into new 712
713	Road and park cleaning workers			Divided former 801 and inserted into new 713
714	Garbage and human waste treatment workers			Divided former 801 and inserted into new 714
715	Industrial waste treatment workers			Divided former 801 and inserted into new 715
719	Other cleaning workers			Divided former 801 and inserted into new 719
72	Packaging workers			Moved from former 72 and inserted into new 72

Standard in 2009 (New)		1997 (Old)	Remarks
721	Packaging workers		Moved from former 728 and inserted into new 721
73	Other carrying, cleaning, packaging, and related workers		Moved from former 46 and 80 and inserted into new 73
739	Other carrying, cleaning, packaging, and related workers		Moved from former 809 and inserted into new 739
		809 Labor workers not classified elsewhere	

Standard in 2009 (New)		1997 (Old)		Remarks
Major Group L - Workers not classifiable by occupation		Major Group J - Workers not classifiable by occupation		
99	Workers not classifiable by occupation	99	Workers not classifiable by occupation	
999	Workers not classifiable by occupation	999	Workers not classifiable by occupation	

(3) Consultation concerning establishment of the Japan Standard Occupational Classification as statistical standard

MIC Statistical Planning No.147

April 13, 2009

Kei Takeuchi
Chairman, Statistics Commission

Kunio Hatoyama
Minister for Internal Affairs and
Communications

Consultation No. 17

Re: Establishment of the Japan Standard Occupational Classification as
statistical standard (a consultation)

In establishing the captioned matter in accordance with the attached sheet, the opinion of the Statistics Council on the same is hereby requested based on the provision of Paragraph 2, Article 28 of the Statistics Act (No. 53 of 2007).

(4) Report by the Statistics Commission

Statistics Commission No.63

August 24, 2009

Tsutomu Sato

Minister for Internal Affairs and Communications

Kei Takeuchi

Chairman, Statistics Commission

Report to Consultation No. 17

Re: Establishment of the Japan Standard Occupational Classification as statistical standard

This Commission, having examined matters related to establishment of the Japan Standard Occupational Classification (hereinafter “this classification”) as statistical standard (hereinafter the “statistical standards”) as provided for in Paragraph 9, Article 2 of the Statistics Act, has reached the following conclusion:

I. Establishment as the Statistical Standard

1. Advisability

This classification is appropriate to be established as the statistical standard. However, it is adequate to make amendments, etc. to the draft for consultation as specified in II.

2. Reason

The statistical standards are expected, as specified in the report on the consultation concerning the “Basic plan related to the improvement of official statistics” made on December 22, 2008 (hereinafter the “Report on Consultation on the Basic Plan”), to provide not only the direct effects of ensuring the uniformity and comprehensiveness between statistics and enhancing the comparability of domestic and international statistics, but also the effects of eliminating the arbitrariness and securing objectivity in individual statistics.

Against the background of structural changes in the labor market during recent years, and recognizing the increasing importance of comprehensively leveraging the various sorts of statistics that symbolize results separately by occupations, the Report on Consultation on the Basic Plan has

already mentioned the need to establish the Japan Standard Occupational Classification as the statistical standard as provided for in Paragraph 9, Article 2 of the new Statistics Act (Act No. 53 of 2007), and therefore, it is appropriate to establish this classification as the statistical standard.

II Amendments, etc. to be made in the draft for deliberation

1. Matters concerning the general principles

It is appropriate to include “General principles for the Japan Standard Occupational Classification” in the statistical standards as provided for in the Statistics Act, after having taken the following actions regarding parts of the definition of “occupations,” the units and standards of classification to be applied, and the method of determining occupations as follows:

(1) Definition of “occupations”

The definitions of “occupations,” “work” and “compensation” should be made clear.

(2) Application and standard of classification

It should be specified that ① although occupational classifications are intended to classify work, they apply to individuals through their work, and are used as statistical symbols of different occupations, and ② when this classification is applied to individuals, the objective periods and timings of work should be in accordance with each statistical survey, etc. Moreover, the matters to be considered when segmenting occupational classifications such as the knowledge and skills required for performing specific work, the role of such work in an organization, etc. should be made clear.

(3) Method of determining occupations

The procedure for determining the occupations of individuals engaged in work that corresponds to plural classifications should be made clear, including the exceptional handling of Self-Defense officials, police officials, maritime safety officials, firefighters, university teachers, and other special occupations. The handling of apprentices, assistants and leaders in place of employment should also be specified.

2. Matters related to the classification table

It is appropriate to standardize the notations of the names of classifications and make the following amendments in the classification table inquired for deliberation:

- (1) With regard to Major Group B - Professional and engineering workers, “Researchers” should be segmented into natural science-related and human/social science-related fields. In addition, a name change for the Unit Group to “Electrical and electronic engineers” should be made to distinguish the notation. Also, “Data processing project manager” in the Unit Group should be

newly established in the Minor Group of “Data processing and communication engineers.”

- (2) As for Major Group C - Clerical workers, assuming that individuals undertake general clerical work, the names for the Unit Group of “General clerical workers” and its superordinate Minor Group of “General affairs clerical workers” that are newly established at this time should be made “Comprehensive clerical workers” and “General clerical workers,” respectively, in order to distinguish these workers.
- (3) With regard to Major Group H - Manufacturing process and related workers, the composition of Minor Groups that has largely been revised at this time should be given unmistakable names. Also, since the content expressed by the word “general” as used in the Unit Group of “General mechanical apparatus ” is unclear, it should be changed to “General-purpose, manufacturing, and business-use mechanical apparatus.”
- (4) The name of Major Group I - Transport and stationary construction machinery operation workers should be changed to “Transport and machine operation workers.”
- (5) With regard to Major Group K - Labor workers,
 - A. To clarify the scope of the relevant work, the name of the Major Group should be changed to “Carrying, cleaning, packaging, and related workers.”
 - B. The Minor Group of “Other labor workers” should be separated into “Packaging workers” and “Other carrying, cleaning, packaging, and related workers”.
 - C. The Unit Group of “General waste treatment workers” should be changed to “Garbage and human waste disposal workers” from the standpoint of expressing its major work.

Further, ① in the definition of Major Group A - Administrative and managerial workers, the word “exclusively” should be deleted from “... refers to individuals who are *exclusively* engaged in the management and administration of the entire affairs of an entity or internal organization unit of section or upper unit,” in consideration of the balance with the definitions of other Major Groups, and ② in order to distinguish the expression of Major Group K - Carrying, cleaning, packaging, and related workers, it is appropriate to change the definition of the Group to “... refers to individuals who are engaged in carrying, delivering, packing,, cleaning, packaging and other work among formulaic, physical work performed mainly by using the human body.”

In addition, it is necessary to make appropriate adjustments in response to matters related to the items above in explanatory and exemplifying documents to be prepared separately.

3. Matters to be noted in operation

It is appropriate to use the Japan Standard Occupational Classification within the following scope of application (i.e., within the same scope of application):

- (1) To use only some classifications of the classification table.
- (2) To set up Sub-Unit Groups under the Unit Groups.

- (3) To split a Minor Group into units of Unit Groups included in the Minor Group used to set up a new Minor Group within one and the same Major Group. Or, to set up a new Minor Group by consolidating multiple Minor Groups within one and the same Major Group.
- (4) To set up a new Unit Group by consolidating multiple Unit Groups within one and the same Minor Group.

However, splitting or consolidating Groups as described in (3) or (4) above should not be done in order to consolidate a Group newly set up by splitting with another Group or to split a Group newly set up through consolidation.

III. Deliberation to be made hereafter

Of Major Group F - Security workers, the categories of Self-Defense officials, police officials, maritime safety officials and firefighters have not been a classification in which administrators, etc. are separated ever since the Japan Standard Occupational Classification was established in 1960.

Conversely, these classifications in the International Standard Classification of Occupations are those in which administrators, etc. are separated.

The Consultation made at this time seeks to establish the Japan Standard Occupational Classification as statistical standard in view of its recent importance in social situations. However, as the statistical standard for separating administrative work from the other categories of work are diversified and the occupation in question has many particular job descriptions that may increase the burden on reporters, and for other similar reasons, it is difficult to reach a conclusion on this point in the revision at this time, and therefore, it is necessary to take time for deliberation.

Moreover, while the Occupational Classification is to be made independent at this time from the enhancement of its international comparability and industrial classification, due to the current situation where the contents of individual jobs in Japan are not made as clear as in Europe and the United States, thoroughly pursuing said objective has been deemed not necessarily realistic. Therefore, it is necessary to further deliberate on this point in light of situations that may be encountered through physical inspections to be conducted from now on.