## (2) Comparison table of groups

	Standard in 2009 (New)		1997 (Old)	Remarks
	Major Group A - Administrative and managerial workers		oup B - Administrative and al 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 Gr	oup C - Clerical workers	Major Gi	roup 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 Gı	oup D - Sales workers	Major Gr	oup 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 G	Major Group E - Service workers		roup 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 G	roup F - Security workers	Major Gı	oup 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	
407	Other fishery workers	439	Other fishery workers	

Standard in 2009 (New)		1997 (Old)	Remarks
		oup H - Transport and cation 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			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 512and 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 554and 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		Divided former 58 and
	assembly facility control and		inserted into new 512
	monitoring workers		
513	Automobile assembly facility		Divided former 591 and
	control and monitoring workers		inserted into new 513
514	Transportation machinery		Integrated part of
	assembly facility control and		former 593 to 596 and
	monitoring workers (except		599 and inserted into
	automobiles)		new 514
515	Weighing and measuring		Divided former 60 and
	appliance, photo-optic		inserted into new 515
	mechanical apparatus assembly		
	facility control and monitoring		
	workers		
52	Product manufacturing and		Integrated part of
	processing workers (metal		former 51 and 55 and
	products)		inserted into new 52
521	Pig-iron forging, steelmaking,		Integrated part of
	non-ferrous metal smelting		former 511 and 512 and
	workers		inserted into new 521
522	Cast metal manufacturing and		Integrated part of
	forging workers		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
323	nonworkers, bonermakers		inserted into new 525
			inserted into new 323
526	Sheet metal workers		Divided former 554 and
			inserted into new 526
527	Metal sculpture and plating		Integrated part of
	workers		former 555 to 557 and
			inserted into new 527
528	Metal welding and fusion cutting		Integrated part of
	workers		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

1	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			Integrated part of former 593 to 596 and
	automobiles)			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 727and 729and inserted into new 591
592	Quasi-manufacturing workers			Divided former 729 and inserted into new 592
		Major G related v	roup I - Manufacturing process and 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	Miso, 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 Groperation	roup I – Transport and machine n 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	Tatami workers	775	Tatami 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		999		