

International Standard classification of occupations 2, 3 and 4 digits (ISCO-88 (com))

MAJOR GROUP 1: LEGISLATORS, SENIOR OFFICIALS AND MANAGERS

- 11 Legislators and senior officials
 - 111 Legislators and senior government officials
 - 1110 Legislators and senior government officials
 - 114 Senior officials of special-interest organisations
 - 1141 Senior officials of political party organisations
 - 1142 Senior officials of employers', workers' and other economic-interest organisations
 - 1143 Senior officials of humanitarian and other special-interest organisations
- 12 Corporate managers
 - 121 Directors and chief executives
 - 1210 Directors and chief executives
 - 122 Production and operations managers
 - 1221 Production and operations managers in agriculture, hunting, forestry and fishing
 - 1222 Production and operations managers in manufacturing
 - 1223 Production and operations managers in construction
 - 1224 Production and operations managers in wholesale and retail trade
 - 1225 Production and operations managers in restaurants and hotels
 - 1226 Production and operations managers in transport, storage and communications
 - 1227 Production and operations managers in business services enterprises
 - 1228 Production and operations managers in personal care, cleaning and related services
 - 1229 Production and operations managers not elsewhere classified
 - 123 Other specialist managers
 - 1231 Finance and administration managers
 - 1232 Personnel and industrial relations managers
 - 1233 Sales and marketing managers
 - 1234 Advertising and public relations managers
 - 1235 Supply and distribution managers
 - 1236 Computing services managers
 - 1237 Research and development managers
 - 1239 Other specialist managers not elsewhere classified
- 13 Managers of small enterprises
 - 131 Managers of small enterprises
 - 1311 Managers of small enterprises in agriculture, hunting, forestry and fishing
 - 1312 Managers of small enterprises in manufacturing
 - 1313 Managers of small enterprises in construction
 - 1314 Managers of small enterprises in wholesale and retail trade
 - 1315 Managers of small enterprises of restaurants and hotels
 - 1316 Managers of small enterprises in transport, storage and communications
 - 1317 Managers of small enterprises in business services enterprises
 - 1318 Managers of small enterprises in personal care, cleaning and related services
 - 1319 Managers of small enterprises not elsewhere classified

MAJOR GROUP 2: PROFESSIONALS

- 21 Physical, mathematical and engineering science professionals
 - 211 Physicists, chemists and related professionals
 - 2111 Physicists and astronomers
 - 2112 Meteorologists
 - 2113 Chemists
 - 2114 Geologists and geophysicists
 - 212 Mathematicians, statisticians and related professionals
 - 2121 Mathematicians and related professionals
 - 2122 Statisticians
 - 213 Computing professionals
 - 2131 Computer systems designers, analysts and programmers
 - 2139 Computing professionals not elsewhere classified
 - 214 Architects, engineers and related professionals
 - 2141 Architects, town and traffic planners
 - 2142 Civil engineers
 - 2143 Electrical engineers
 - 2144 Electronics and telecommunications engineers
 - 2145 Mechanical engineers
 - 2146 Chemical engineers
 - 2147 Mining engineers, metallurgists and related professionals
 - 2148 Cartographers and surveyors
 - 2149 Architects, engineers and related professionals not elsewhere classified
- 22 Life science and health professionals
 - 221 Life science professionals
 - 2211 Biologists, botanists, zoologists and related professionals
 - 2212 Pharmacologists, pathologists and related professionals
 - 2213 Agronomists and related professionals
 - 222 Health professionals (except nursing)
 - 2221 Medical doctors
 - 2222 Dentists
 - 2223 Veterinarians
 - 2224 Pharmacists
 - 2229 Health professionals (except nursing) not elsewhere classified
 - 223 Nursing and midwifery professionals
 - 2230 Nursing and midwifery professionals
- 23 Teaching professionals
 - 231 College, university and higher education teaching professionals
 - 2310 College, university and higher education teaching professionals
 - 232 Secondary education teaching professionals
 - 2320 Secondary education teaching professionals
 - 233 Primary and pre-primary education teaching professionals
 - 2331 Primary education teaching professionals
 - 2332 Pre-primary education teaching professionals
 - 234 Special education teaching professionals
 - 2340 Special education teaching professionals

- 235 Other teaching professionals
 - 2351 Education methods specialists
 - 2352 School inspectors
 - 2359 Other teaching professionals not elsewhere classified
- 24 Other professionals
 - 241 Business professionals
 - 2411 Accountants
 - 2412 Personnel and careers professionals
 - 2419 Business professionals not elsewhere classified
 - 242 Legal professionals
 - 2421 Lawyers
 - 2422 Judges
 - 2429 Legal professionals not elsewhere classified
 - 243 Archivists, librarians and related information professionals
 - 2431 Archivists and curators
 - 2432 Librarians and related information professionals
 - 244 Social science and related professionals
 - 2441 Economists
 - 2442 Sociologists, anthropologists and related professionals
 - 2443 Philosophers, historians and political scientists
 - 2444 Philologists, translators and interpreters
 - 2445 Psychologists
 - 2446 Social work professionals
 - 245 Writers and creative or performing artists
 - 2451 Authors, journalists and other writers
 - 2452 Sculptors, painters and related artists
 - 2453 Composers, musicians and singers
 - 2454 Choreographers and dancers
 - 2455 Film, stage and related actors and directors
 - 246 Religious professionals
 - 2460 Religious professionals
 - 247 Public service administrative professionals
 - 2470 Public service administrative professionals

MAJOR GROUP 3: TECHNICIANS AND ASSOCIATE PROFESSIONALS

- 31 Physical and engineering science associate professionals
 - 311 Physical and engineering science technicians
 - 3111 Chemical and physical science technicians
 - 3112 Civil engineering technicians
 - 3113 Electrical engineering technicians
 - 3114 Electronics and telecommunications engineering technicians
 - 3115 Mechanical engineering technicians
 - 3116 Chemical engineering technicians
 - 3117 Mining and metallurgical technicians
 - 3118 Draughtspersons
 - 3119 Physical and engineering science technicians not elsewhere classified
 - 312 Computer associate professionals
 - 3121 Computer assistants
 - 3122 Computer equipment operators
 - 3123 Industrial robot controllers

- 313 Optical and electronic equipment operators
 - 3131 Photographers and image and sound recording equipment operators
 - 3132 Broadcasting and telecommunications equipment operators
 - 3133 Medical equipment operators
 - 3139 Optical and electronic equipment operators not elsewhere classified

- 314 Ship and aircraft controllers and technicians
 - 3141 Ships' engineers
 - 3142 Ships' deck officers and pilots
 - 3143 Aircraft pilots and related associate professionals
 - 3144 Air traffic controllers
 - 3145 Air traffic safety technicians

- 315 Safety and quality inspectors
 - 3151 Building and fire inspectors
 - 3152 Safety, health and quality inspectors

- 32 Life science and health associate professionals
 - 321 Life science technicians and related associate professional
 - 3211 Life science technicians
 - 3212 Agronomy and forestry technicians
 - 3213 Farming and forestry advisers

 - 322 Health associate professionals (except nursing)
 - 3221 Medical assistants
 - 3222 Hygienists, health and environmental officers
 - 3223 Dieticians and nutritionists
 - 3224 Optometrists and opticians
 - 3225 Dental assistants
 - 3226 Physiotherapists and related associate professionals
 - 3227 Veterinary assistants
 - 3228 Pharmaceutical assistants
 - 3229 Health associate professionals (except nursing) not elsewhere classified

 - 323 Nursing and midwifery associate professionals
 - 3231 Nursing associate professionals
 - 3232 Midwifery associate professionals

- 33 Teaching associate professionals
 - 331 Primary education teaching associate professionals
 - 3310 Primary education teaching associate professionals

 - 332 Pre-primary education teaching associate professionals
 - 3320 Pre-primary education teaching associate professionals

 - 333 Special education teaching associate professionals
 - 3330 Special education teaching associate professionals

 - 334 Other teaching associate professionals
 - 3340 Other teaching associate professionals

- 34 Other associate professionals
 - 341 Finance and sales associate professionals
 - 3411 Securities and finance dealers and brokers
 - 3412 Insurance representatives
 - 3413 Estate agents
 - 3414 Travel consultants and organisers
 - 3415 Technical and commercial sales representatives
 - 3416 Buyers
 - 3417 Appraisers, valuers and auctioneers

- 3419 Finance and sales associate professionals not elsewhere classified
- 342 Business services agents and trade brokers
 - 3421 Trade brokers
 - 3422 Clearing and forwarding agents
 - 3423 Employment agents and labour contractors
 - 3429 Business services agents and trade brokers not elsewhere classified
- 343 Administrative associate professionals
 - 3431 Administrative secretaries and related associate professionals
 - 3432 Legal and related business associate professionals
 - 3433 Bookkeepers
 - 3434 Statistical, mathematical and related associate professionals
- 344 Customs, tax and related government associate professionals
 - 3441 Customs and border inspectors
 - 3442 Government tax and excise officials
 - 3443 Government social benefits officials
 - 3444 Government licensing officials
 - 3449 Customs, tax and related government associate professionals not elsewhere classified
- 345 Police inspectors and detectives
 - 3450 Police inspectors and detectives
- 346 Social work associate professionals
 - 3460 Social work associate professionals
- 347 Artistic, entertainment and sports associate professionals
 - 3471 Decorators and commercial designers
 - 3472 Radio, television and other announcers
 - 3473 Street, night-club and related musicians, singers and dancers
 - 3474 Clowns, magicians, acrobats and related associate professionals
 - 3475 Athletes, sports persons and related associate professionals
- 348 Religious associate professionals
 - 3480 Religious associate professionals

MAJOR GROUP 4: CLERKS

- 41 Office clerks
 - 411 Secretaries and keyboard-operating clerks
 - 4111 Stenographers and typists
 - 4112 Word-processor and related operators
 - 4113 Data entry operators
 - 4114 Calculating-machine operators
 - 4115 Secretaries
 - 412 Numerical clerks
 - 4121 Accounting and book-keeping clerks
 - 4122 Statistical and finance clerks
 - 413 Material-recording and transport clerks
 - 4131 Stock clerks
 - 4132 Production clerks
 - 4133 Transport clerks
 - 414 Library, mail and related clerks
 - 4141 Library and filing clerks

- 4142 Mail carriers and sorting clerks
- 4143 Coding, proof-reading and related clerks
- 4144 Scribes and related workers
- 419 Other office clerks
 - 4190 Other office clerks
- 42 Customer services clerks
 - 421 Cashiers, tellers and related clerks
 - 4211 Cashiers and ticket clerks
 - 4212 Tellers and other counter clerks
 - 4213 Bookmakers and croupiers
 - 4214 Pawnbrokers and money-lenders
 - 4215 Debt-collectors and related workers
 - 422 Client information clerks
 - 4221 Travel agency and related clerks
 - 4222 Receptionists and information clerks
 - 4223 Telephone switchboard operators

MAJOR GROUP 5: SERVICE WORKERS AND SHOP AND MARKET SALES WORKERS

- 51 Personal and protective services workers
 - 511 Travel attendants and related workers
 - 5111 Travel attendants and travel stewards
 - 5112 Transport conductors
 - 5113 Travel guides
 - 512 Housekeeping and restaurant services workers
 - 5121 Housekeepers and related workers
 - 5122 Cooks
 - 5123 Waiters, waitresses and bartenders
 - 513 Personal care and related workers
 - 5131 Child-care workers
 - 5132 Institution-based personal care workers
 - 5133 Home-based personal care workers
 - 5139 Personal care and related workers not elsewhere classified
 - 514 Other personal services workers
 - 5141 Hairdressers, barbers, beauticians and related workers
 - 5142 Companions and valets
 - 5143 Undertakers and embalmers
 - 5149 Other personal services workers not elsewhere classified
 - 516 Protective services workers
 - 5161 Fire-fighters
 - 5162 Police officers
 - 5163 Prison guards
 - 5169 Protective services workers not elsewhere classified
- 52 Models, salespersons and demonstrators
 - 521 Fashion and other models
 - 5210 Fashion and other models
 - 522 Shop, stall and market salespersons and demonstrators
 - 5220 Shop, stall and market salespersons and demonstrators

MAJOR GROUP 6: SKILLED AGRICULTURAL AND FISHERY WORKERS

- 61 Skilled agricultural and fishery workers
 - 611 Market gardeners and crop growers
 - 6111 Field crop and vegetable growers
 - 6112 Gardeners, horticultural and nursery growers
 - 612 Animal producers and related workers
 - 6121 Dairy and livestock producers
 - 6122 Poultry producers
 - 6129 Animal producers and related workers not elsewhere classified
 - 613 Crop and animal producers
 - 6130 Crop and animal producers
 - 614 Forestry and related workers
 - 6141 Forestry workers and loggers
 - 6142 Charcoal burners and related workers
 - 615 Fishery workers, hunters and trappers
 - 6151 Aquatic life cultivation workers
 - 6152 Inland and coastal waters fishery workers
 - 6153 Deep-sea fishery workers
 - 6154 Hunters and trappers

MAJOR GROUP 7: CRAFT AND RELATED TRADES WORKERS

- 71 Extraction and building trades workers
 - 711 Miners, shotfirers, stone cutters and carvers
 - 7111 Miners and quarry workers
 - 7112 Shotfirers and blasters
 - 7113 Stone splitters, cutters and carvers
 - 712 Building frame and related trades workers
 - 7121 Builders
 - 7122 Bricklayers and stonemasons
 - 7123 Concrete placers, concrete finishers and related workers
 - 7124 Carpenters and joiners
 - 7129 Building frame and related trades workers not elsewhere classified
 - 713 Building finishers and related trades workers
 - 7131 Roofers
 - 7132 Floor layers and tile setters
 - 7133 Plasterers
 - 7134 Insulation workers
 - 7135 Glaziers
 - 7136 Plumbers and pipe fitters
 - 7137 Building and related electricians
 - 7139 Building finishers and related trade workers not elsewhere classified
 - 714 Painters, building structure cleaners and related trades workers
 - 7141 Painters and related workers
 - 7143 Building structure cleaners
- 72 Metal, machinery and related trades workers
 - 721 Metal moulders, welders, sheet-metal workers, structural-metal preparers, and related trades workers
 - 7211 Metal moulders and coremakers

	7212	Welders and flame cutters
	7213	Sheet-metal workers
	7214	Structural-metal preparers and erectors
	7215	Riggers and cable splicers
	7216	Underwater workers
722		Blacksmiths, tool-makers and related trades workers
	7221	Blacksmiths, hammer-smiths and forging-press workers
	7222	Tool-makers and related workers
	7223	Machine-tool setters and setter-operators
	7224	Metal wheel-grinders, polishers and tool sharpeners
723		Machinery mechanics and fitters
	7231	Motor vehicle mechanics and fitters
	7232	Aircraft engine mechanics and fitters
	7233	Agricultural- or industrial-machinery mechanics and fitters
724		Electrical and electronic equipment mechanics and fitters
	7241	Electrical mechanics fitters and services
	7242	Electronics mechanics, fitters and servicers
	7243	Electronics mechanics and servicers
	7244	Telegraph and telephone installers and servicers
	7245	Electrical line installers, repairers and cable jointers
73		Precision, handicraft, craft printing and related trades workers
	731	Precision workers in metal and related materials
	7311	Precision-instrument makers and repairers
	7312	Musical-instrument makers and tuners
	7313	Jewellery and precious-metal workers
732		Potters, glass-makers and related trades workers
	7321	Abrasive wheel formers, potters and related workers
	7322	Glass-makers, cutters, grinders and finishers
	7323	Glass engravers and etchers
	7324	Glass, ceramics and related decorative painters
733		Handicraft workers in wood, textile, leather and related materials
	7331	Handicraft workers in wood and related materials
	7332	Handicraft workers in textile, leather and related materials
734		Craft printing and related trades workers
	7341	Compositors, typesetters and related workers
	7342	Stereotypers and electrotypers
	7343	Printing engravers and etchers
	7344	Photographic and related workers
	7345	Bookbinders and related workers
	7346	Silk-screen, block and craft textile printers
74		Other craft and related trades workers
	741	Food processing and related trades workers
	7411	Butchers, fishmongers and related food preparers
	7412	Bakers, pastry-cooks and confectionery makers
	7413	Dairy-products workers
	7414	Fruit, vegetable and related preservers
	7415	Food and beverage tasters and graders
	7416	Tobacco preparers and tobacco products makers
742		Wood treaters, cabinet-makers and related trades workers
	7421	Wood treaters
	7422	Cabinetmakers and related workers

	7423	Woodworking machine setters and setter-operators
	7424	Basketry weavers, brush makers and related workers
743		Textile, garment and related trades workers
	7431	Fibre preparers
	7432	Weavers, knitters and related workers
	7433	Tailors, dressmakers and hatters
	7434	Furriers and related workers
	7435	Textile, leather and related pattern-makers and cutters
	7436	Sewers, embroiderers and related workers
	7437	Upholsterers and related workers
744		Pelt, leather and shoemaking trades workers
	7441	Pelt dressers, tanners and fellmongers
	7442	Shoe-makers and related workers

MAJOR GROUP 8: PLANT AND MACHINE OPERATORS AND ASSEMBLERS

81		Stationary plant and related operators
	811	Mining and mineral-processing-plant operators
	8111	Mining plant operators
	8112	Mineral-ore and stone-processing-plant operators
	8113	Well drillers and borers and related workers
	812	Metal-processing plant operators
	8121	Ore and metal furnace operators
	8122	Metal melters, casters and rolling-mill operators
	8123	Metal heat-treating-plant operators
	8124	Metal drawers and extruders
	813	Glass, ceramics and related plant operators
	8131	Glass and ceramics kiln and related machine operators
	8139	Glass, ceramics and related plant operators not elsewhere classified
	814	Wood-processing- and papermaking-plant operators
	8141	Wood-processing-plant operators
	8142	Paper-pulp plant operators
	8143	Papermaking-plant operators
	815	Chemical-processing-plant operators
	8151	Crushing-, grinding- and chemical-mixing-machinery operators
	8152	Chemical-heat-treating-plant operators
	8153	Chemical-filtering- and separating-equipment operators
	8154	Chemical-still and reactor operators (except petroleum and natural gas)
	8155	Petroleum- and natural-gas-refining-plant operators
	8159	Chemical-processing-plant operators not elsewhere classified
	816	Power-production and related plant operators
	8161	Power-production plant operators
	8162	Steam-engine and boiler operators
	8163	Incinerator, water-treatment and related plant operators
	817	Industrial robot operators
	8170	Industrial robot operators
82		Machine operators and assemblers
	821	Metal- and mineral-products machine operators
	8211	Machine-tool operators
	8212	Cement and other mineral products machine operators

- 822 Chemical-products machine operators
 - 8221 Pharmaceutical-and toiletry-products machine operators
 - 8222 Ammunition- and explosive-products machine operators
 - 8223 Metal finishing-, plating- and coating-machine operators
 - 8224 Photographic-products machine operators
 - 8229 Chemical-products machine operators not elsewhere classified
- 823 Rubber- and plastic-products machine operators
 - 8231 Rubber-products machine operators
 - 8232 Plastic-products machine operators
- 824 Wood-products machine operators
 - 8240 Wood-products machine operators
- 825 Printing-, binding- and paper-products machine operators
 - 8251 Printing-machine operators
 - 8252 Book-binding-machine operators
 - 8253 Paper-products machine operators
- 826 Textile-, fur- and leather-products machine operators
 - 8261 Fibre-preparing-, spinning- and winding-machine operators
 - 8262 Weaving- and knitting-machine operators
 - 8263 Sewing-machine operators
 - 8264 Bleaching-, dyeing- and cleaning-machine operators
 - 8265 Fur- and leather-preparing-machine operators
 - 8266 Shoemaking- and related machine operators
 - 8269 Textile-, fur- and leather-products machine operators not elsewhere classified
- 827 Food and related products machine operators
 - 8271 Meat- and fish-processing-machine operators
 - 8272 Dairy-products machine operators
 - 8273 Grain- and spice-milling-machine operators
 - 8274 Baked-goods, cereal- and chocolate-products machine operators
 - 8275 Fruit-, vegetable- and nut-processing-machine operators
 - 8276 Sugar production machine operators
 - 8277 Tea-, coffee- and cocoa-processing-machine operators
 - 8278 Brewers, wine and other beverage machine operators
 - 8279 Tobacco production machine operators
- 828 Assemblers
 - 8281 Mechanical-machinery assemblers
 - 8282 Electrical-equipment assemblers
 - 8283 Electronic-equipment assemblers
 - 8284 Metal-, rubber- and plastic-products assemblers
 - 8285 Wood and related products assemblers
 - 8286 Paperboard, textile and related products assemblers
 - 8287 Composite products assemblers
- 829 Other machine operators not elsewhere classified
 - 8290 Other machine operators not elsewhere classified
- 83 Drivers and mobile plant operators
 - 831 Locomotive engine drivers and related workers
 - 8311 Locomotive engine drivers
 - 8312 Railway brakemen, signallers and shunters
 - 832 Motor vehicle drivers
 - 8321 Motorcycle drivers

	8322	Car, taxi and van drivers
	8323	Bus and tram drivers
	8324	Heavy truck and lorry drivers
833		Agricultural and other mobile plant operators
	8331	Motorised farm and forestry plant operators
	8332	Earth-moving and related plant operators
	8333	Crane, hoist and related plant operators
	8334	Lifting-truck operators
834		Ships' deck crews and related workers
	8340	Ships' deck crews and related workers

MAJOR GROUP 9: ELEMENTARY OCCUPATIONS

91		Sales and services elementary occupations
	911	Street vendors and related workers
	9111	Street vendors
	9113	Door-to-door and telephone salespersons
	912	Shoe cleaning and other street services elementary occupations
	9120	Shoe cleaning and other street services elementary occupations
	913	Domestic and related helpers, cleaners and launderers
	9131	Domestic helpers and cleaners
	9132	Helpers and cleaners in offices, hotels and other establishments
	9133	Hand-launderers and pressers
	914	Building caretakers, window and related cleaners
	9141	Building caretakers
	9142	Vehicle, window and related cleaners
	915	Messengers, porters, doorkeepers and related workers
	9151	Messengers, package and luggage porters and deliverers
	9152	Doorkeepers, watchpersons and related workers
	9153	Vending-machine money collectors, meter readers and related workers
	916	Garbage collectors and related labourers
	9161	Garbage collectors
	9162	Sweepers and related labourers
92		Agricultural, fishery and related labourers
	921	Agricultural, fishery and related labourers
	9211	Farm-hands and labourers
	9212	Forestry labourers
	9213	Fishery, hunting and trapping labourers
93		Labourers in mining, construction, manufacturing and transport
	931	Mining and construction labourers
	9311	Mining and quarrying labourers
	9312	Construction and maintenance labourers: roads, dams, and similar constructions
	9313	Building construction labourers
	932	Manufacturing labourers
	9320	Manufacturing labourers

933 Transport labourers and freight handlers
9330 Transport labourers and freight handlers

MAJOR GROUP 0: ARMED FORCES

01 Armed forces
010 Armed forces
0100 Armed forces