1 MANAGERS

11 Chief executives, senior officials and legislators

111 Legislator and senior officials
   1110 Legislator and senior officials

112 Heads of national and regional public administration and jurisdiction
   1121 Head of national and regional public administration and jurisdiction
   1122 Elected head of local government
   1123 Appointed head of local government

113 Senior officials of national and regional special-interest organisations
   1131 Senior official of national and regional special-interest organisations
   1132 Religious leader

12 Managing directors and chief executives of business organisations and budgetary institutions

121 Managing directors and chief executives of business organisations and budgetary institutions
   1210 Managing director and chief executive of business organisations and budgetary institutions

13 Production and specialized services managers

131 Production managers
   1311 Agricultural, forestry, fisheries, hunting production manager
   1312 Manufacturing and mining manager
   1313 Construction manager

132 Specialized services managers
   1321 Supply, distribution, storing manager
   1322 Information and communications technology service manager
   1323 Banking manager
   1324 Social welfare manager
   1325 Childcare service manager
   1326 Aged care service manager
   1327 Health service manager
   1328 Educational manager
   1329 Other services manager

* The Methodology Guide of HSCO-08 and the four-digit-system list of occupations can be found in this publication and on the HCSO’s website as well. The definitions of occupations, the supporting search program and the correspondence table between the nomenclatures (HSCO-93 – HSCO-08) are available only electronically on the HCSO’s homepage.
133 Hotel, restaurant and trade managers
  1331 Hotel manager
  1332 Restaurant manager
  1333 Sales and marketing manager
  1334 Business service manager
  1335 Cultural centre manager
  1336 Sports and recreational centre manager
  1339 Other commercial, catering and similar service manager

14 Heads of units assisting business activities
  141 Heads of units assisting business activities
    1411 Accounting and financial services branch manager
    1412 HR manager
    1413 R&D manager
    1414 Policy and planning manager
    1415 Retail and wholesale trade manager
    1416 Advertising and PR manager
    1419 Other service manager not elsewhere classified

2 PROFESSIONALS

21 Technical, information technology and science related professionals
  211 Industry and construction industry engineers
    2111 Mining engineer
    2112 Metallurgical and materials engineer
    2113 Food industry engineer
    2114 Wood and light industry engineer
    2115 Architect
    2116 Civil engineer
    2117 Chemical engineer
    2118 Mechanical engineer
  212 Electrical engineers
    2121 Electrical engineer (energetics engineer)
    2122 Electrical engineer (electronics engineer)
    2123 Telecommunications engineer
  213 Other engineers
    2131 Agricultural engineer
    2132 Forestry and nature conservation environment protection engineer
    2133 Landscape and gardening architect
    2134 Regional and transport planning engineer, town and traffic planner
    2135 Surveyor and GIS (Geographical Information System) engineer
    2136 Graphic and multimedia designer
    2137 Quality assurance engineer
    2139 Other engineer, not elsewhere classified
  214 Software and applications developers and analysts
    2141 System analyst (information technology)
    2142 Software developer
    2143 Network and multimedia developer
2144 Applications programmer
2149 Other software and applications developer and analyst

215 Database and network analysts, operators
2151 Database designer and operator
2152 System administrator
2153 Computer network analyst, operator
2159 Other database and network analyst, operator

216 Natural science professionals
2161 Physicist
2162 Astronomer
2163 Meteorologist
2164 Chemist
2165 Geologist
2166 Mathematician
2167 Biologist, botanist, zoologist and related professional
2168 Environmental surveyor, adviser
2169 Other natural sciences professional

22 Health professionals

221 Physicians, pharmacists
2211 General practitioner
2212 Specialized medical doctor
2213 Dentist, specialized dentist
2214 Pharmacist, specialized pharmacist

222 Human health (related) professionals
2221 Environmental and occupational health professional
2222 Optometrist
2223 Dietician and nutrition adviser
2224 Physiotherapist
2225 District nurse
2226 Ambulance officer
2227 Audiologist and speech therapist
2228 Complementary medicine professional
2229 Other human health (related) professional

223 Nurse, midwifery professionals
2231 Nursing professional
2232 Midwifery professional

224 Animal and plant hygiene occupations
2241 Veterinarian
2242 Plant hygienist (plant protection expert)

23 Social services professionals

231 Social services occupations
2311 Social policy expert
2312 Social worker and adviser
24 Educators, teachers

241 University and higher education teachers
   2410 University and higher education teacher

242 Educators, teachers in secondary level institutions of education
   2421 Secondary education teacher
   2422 Vocational education teacher

243 Teachers, educators in kindergartens and primary level institutions of education
   2431 Primary school teacher
   2432 Early childhood educator

244 Special educators, teachers
   2441 Special needs teacher
   2442 Conductor

249 Other specialized teaching professionals
   2491 Education expert, school adviser
   2492 Language teacher (outside the educational system)
   2493 Music teacher (outside the educational system)
   2494 Teacher of other arts (outside the educational system)
   2495 Teacher of information technology (outside the educational system)
   2499 Other specialized teacher, educator

25 Business type professionals

251 Finance and accounting professionals
   2511 Finance analyst and investment adviser
   2512 Tax adviser, tax consultant
   2513 Auditor, accountant
   2514 Controller

252 Institution management and business policy professionals
   2521 Management and organization analyst, organizer
   2522 Business policy analyst, organizer
   2523 Personnel and careers professional
   2524 Training and staff development professional

253 Sales and marketing occupations
   2531 Advertising and marketing professional
   2532 Public relations professional
   2533 Sales professional
   2534 Information and communications technology sales professional

26 Legal and social sciences professionals

261 Legal professionals
   2611 Lawyer, legal adviser
   2612 Prosecutor
   2613 Judge
   2614 Notary public
   2615 Attorney-at-law
   2619 Other legal sciences professional
262 Social sciences professionals
   2621 Philosopher, political scientist
   2622 Historian, archaeologist
   2623 Ethnographer
   2624 Analytical economist
   2625 Statistician
   2626 Sociologist, demographer
   2627 Linguist, translator, interpreter
   2628 Psychologist
   2629 Other social sciences professional

27 Culture, sports, arts and religion professionals

271 Culture and sports professionals
   2711 Librarian, information specialist librarian
   2712 Archivist
   2713 Museologist, museum collection curator
   2714 Cultural organizer
   2715 Editor of book and magazine publication
   2716 Journalist, editor of radio and television broadcast
   2717 Specialized coach, sports organizer, manager
   2719 Other culture and sports professional

272 Creative and performing arts professionals
   2721 Writer (except journalists)
   2722 Artist
   2723 Artist-craftsman, industrial designer, clothes-designer
   2724 Composer, musician, singer
   2725 Director, director of photography
   2726 Actor, puppet player
   2727 Dancer, choreographer
   2728 Artist in circus and in similar performing arts
   2729 Other creative and performing arts professional

273 Religious professionals
   2730 Priest (pastor), church-related professional

29 Other highly qualified executives

291 Other highly qualified executives
   2910 Other highly qualified executive

3 Technicians and associate professionals

31 Technicians and other related technical professionals

311 Industrial, construction industry technicians
   3111 Mining technician
   3112 Metallurgical and materials technician
   3113 Food industry technician
   3114 Wood and light industry technician
   3115 Chemical engineering technician
   3116 Mechanical engineering technician
   3117 Architecture and construction engineering technician
312 Electrical engineering technicians
   3121 Electrical (power current) engineering technician
   3122 Electronics (light current) engineering technician

313 Other technicians
   3131 Agricultural technician
   3132 Forestry and environmental protection technician
   3133 Surveying and GIS (Geographical Information System) technician
   3134 Environmental protection technician
   3135 Quality assurance technician
   3136 Draughtsperson
   3139 Other technician not elsewhere classified

314 Computer engineering (information technology) and communications professionals
   3141 Information and communications technology operations technician
   3142 Information and communications technology user support technician
   3143 Computer network and systems technician
   3144 Web technician
   3145 Broadcasting and audio-visual technician
   3146 Telecommunications engineering technician

315 Process controllers (controllers of equipment)
   3151 Power production plant operator
   3152 Incinerator and water treatment plant operator
   3153 Chemical processing plant controller
   3154 Petroleum and natural gas refining plant operator
   3155 Metal production process controller
   3159 Process control technician not elsewhere classified

316 Plant maintenance professionals
   3161 Work and production organizer
   3162 Power management specialist
   3163 Working and operating safety specialist

317 Captains of vessels, pilots of aircrafts, air traffic controllers
   3171 Commodore, captain, watchkeeper
   3172 Aircraft pilot, navigating engineer
   3173 Air traffic controller
   3174 Operator of air traffic control engineering equipment

319 Other technical occupations
   3190 Other technical occupation

32 Supervisors

321 Supervisors in mining, industry and construction
   3211 Mining supervisor
   3212 Manufacturing supervisor
   3213 Construction supervisor

322 Other supervisors
   3221 Office supervisor
   3222 Head-cook, chef
33 **Health professionals**

331 *Medical care and obstetrics related professionals*
   3311 Nursing associate professional
   3312 Midwifery associate professional

332 *Health care assistant*
   3321 Medical assistant
   3322 Health care documentarist
   3323 Operator of medical imaging diagnostic and therapeutic equipment
   3324 Medical laboratory assistant
   3325 Dental assistant
   3326 Pharmacy and pharmaceutical supplies assistant
   3327 Assistant to alternative therapy practitioners

333 *Human health care related professionals*
   3331 Environmental and occupational health assistant
   3332 Physiotherapist assistant, masseur/masseuse
   3333 Dental technician
   3334 Orthopaedic equipment manufacturer
   3335 Dispensing optician
   3339 Other human health care related professional

334 *Animal and plant hygiene related professionals*
   3341 Veterinary assistant
   3342 Plant physiologist (plant protection) assistant

34 **Educational assistants**

341 *Educational assistants*
   3410 Educational assistant

35 **Social health care and labour market services professionals**

351 *Social occupations*
   3511 Social assistant
   3512 Official foster parent, full-time mother
   3513 Social services assistant, special social assistant
   3514 Signing interpreter
   3515 Youth assistant

352 *Labour market services assistants*
   3520 Labour market services administrator

36 **Business related services administrators, administrators of authorities, agents**

361 *Finance, economics administrators*
   3611 Finance administrator (except banking administrator)
   3612 Banking administrator
   3613 Stock exchange and finance representative, broker
   3614 Accounting administrator
   3615 Statistical administrator
   3616 Valuer and loss assessor
362 Trade and sales administrators, agents
   3621 Insurance agent, administrator
   3622 Sales administrator
   3623 Materials manager, purchasing agent
   3624 Agent (except insurance agent)

363 Administrators of other business related services
   3631 Conference and event planner
   3632 Marketing and PR administrator
   3633 Real estate agent, real estate sales administrator
   3639 Administrator of other business type services, not elsewhere classified

364 Administrative and legal assistants
   3641 Personal assistant
   3642 Legal assistant
   3649 Other administrative and legal assistant

365 Government administrators
   3651 Customs and finance guard officer
   3652 Tax and duty office administrator
   3653 Social security and aid authority administrator
   3654 Government licensing officials
   3655 Police detective
   3656 Bailiff, debt collector
   3659 Other government administrator

37 Arts, cultural, sports and religious professionals

371 Arts and cultural professionals
   3711 Supernumerary, extra
   3712 Assistant director
   3713 Photographer
   3714 Scenery shifter, decorator
   3715 Complementary film producing and theatre occupation
   3716 Interior designer, decorator
   3717 Special technician in cultural institutions
   3719 Other arts and cultural professional

372 Sports and leisure professionals
   3721 Athlete and sports player
   3722 Fitness and recreation instructors and programme leader

373 Other religious professionals
   3730 Other religious professional

39 Other administrators

391 Other administrators
   3910 Other administrator
4 OFFICE AND MANAGEMENT (CUSTOMER SERVICES) OCCUPATIONS

41 Office clerks

411 General office clerk
   4111 Secretary (general)
   4112 General office administrator
   4113 Typist, word processing operator
   4114 Data entry clerk, encoder

412 Accounting occupations
   4121 Accountant (analytical)
   4122 Payroll clerk
   4123 Finance, statistics, insurance administrator
   4129 Other accounting worker

413 Office special recording occupations
   4131 Stocks and materials clerk
   4132 Transport and forwarding clerk
   4133 Library, archives clerk
   4134 Human policy administrator
   4135 Postal services clerk (delivery, sorting)
   4136 Documents manager, filing-clerk

419 Other office, management occupations
   4190 Other office, management occupation, not elsewhere classified

42 Customer services occupations

421 Cash administrators, banking cashiers
   4211 Bank teller
   4212 Gaming and betting organizer
   4213 Pawn office administrator and moneylender

422 Customer service occupations
   4221 Tour operator, consultant
   4222 Receptionist
   4223 Hotel receptionist
   4224 Client (customer) information clerk
   4225 Customer service centre enquiry clerk
   4226 Survey and market research interviewer
   4227 Postal customer service clerk
   4229 Other customer services clerk

5 COMMERCIAL AND SERVICES OCCUPATIONS

51 Commercial and catering occupations

511 Commercial occupations
   5111 Shopkeeper
   5112 Shop supervisor
   5113 Shop salesperson
   5114 Lender
5115 Street and market salesperson
5116 Street and market salesperson selling food and beverages
5117 Shop cashier, ticket clerk

512 Other commercial occupations
5121 Service station attendant
5122 Sales demonstrator, fashion model
5123 Contact centre salesperson
5129 Other commercial occupation, not elsewhere classified

513 Catering industry occupations
5131 Restaurant keeper
5132 Waiter
5133 Bartender
5134 Cook
5135 Confectioner

52 Service workers

521 Personal service workers
5211 Hairdresser
5212 Beautician
5213 Manicurist, pedicurist
5219 Other personal services workers

522 Personal care workers
5221 Babysitter, nurse
5222 Assistant nurse, dresser
5223 Home personal care worker
5229 Other personal care worker

523 Stewards, attendants
5231 Conductor, ticket inspector
5232 Travel attendant (airplane, ship)
5233 Travel guide

524 Building maintenance occupations
5241 Cleaning supervisor
5242 Housekeeper
5243 Building caretaker

525 Life and property protection occupations
5251 Police officer
5252 Fire-fighter
5253 Prison guard
5254 Property guard, bodyguard
5255 Nature conservation warden
5256 Public place inspector
5259 Other life and property protection occupation

529 Other services occupations
5291 Driving instructor
5292 Pet groomer and animal care worker
5293 Funeral services worker
5299 Other services occupation, not elsewhere classified
6 AGRICULTURAL AND FORESTRY OCCUPATIONS

61 Agricultural occupations

611 Plant cultivation occupations
6111 Field crop grower
6112 Organic plants grower
6113 Vegetable grower
6114 Grapes and fruit grower
6115 Ornamental plants, flowers and tree nursery gardener, seedling nursery gardener
6116 Herbs grower
6119 Other plants grower

612 Animal producing occupations
6121 Cattle, horse, pig, sheep producer
6122 Poultry producer
6123 Apiarist
6124 Small animal producer

613 Mixed crop and animal producers
6130 Mixed crop and animal producer

62 Forestry, game-farming and fisheries occupations

621 Forestry workers
6211 Forestry worker
6212 Logger (wood-cutter)

622 Game-farming occupations
6220 Game-farmer

623 Fish-farming occupations
6230 Fishery worker

7 INDUSTRY AND CONSTRUCTION INDUSTRY OCCUPATIONS

71 Food processing workers

711 Food producing, processing and preservation occupations
7111 Butcher
7112 Fruit and vegetables processing and preservation worker
7113 Dairy processing worker, dairy products maker
7114 Baker, confectionery maker
7115 Wine producer, manufacturer of other alcoholic beverages, soda-water producer

72 Light industry occupations

721 Garment and leather industry workers
7211 Pattern design maker
7212 Tailor, sewing worker
7213 Hatter, glove-maker
7214 Furrier, fur-dyer
7215 Tanner
7216 Fancy leather goods maker, trunk-maker, leather products maker, repairs worker
7217 Shoemakers and related worker
722  *Wood industry occupations*
   7221  Woodworker
   7222  Wood turner
   7223  Cabinet-maker
   7224  Upholsterer
   7225  Cooper, wheelwright

723  *Printing trades workers*
   7231  Pre-press worker
   7232  Printer, printing machine operator
   7233  Bookbinder

73  *Metal and electrical industry occupations*

731  *Metallurgical occupations*
   7310  Metal moulder

732  *Metal working occupations*
   7321  Locksmith
   7322  Toolmaker
   7323  Machining worker
   7324  Metal polisher, wheel grinder and tool sharpener
   7325  Welder and flamecutter
   7326  Blacksmith, hammersmith and forging press worker
   7327  Spray painter and varnisher
   7328  Metal and other structure erector

733  *Maintenance and repair mechanics of machines and equipment*
   7331  Motor vehicle mechanic and repairer
   7332  Aircraft engine mechanic and repairer
   7333  Agricultural and industrial machinery (engine) mechanic and repairer
   7334  Mechanical equipment mechanic and repairer
   7335  Bicycle mechanic and repairer

734  *Technicians and mechanics of electrical equipment*
   7341  Technician and mechanic of electrical equipment and devices
   7342  Information and communications technology installer and repairer
   7343  Electrical line installer and repairer

74  *Handicraft workers*

741  *Handicraft workers*
   7411  Sign writer
   7412  Jeweller, goldsmith, precious-metal worker
   7413  Potter
   7414  Glass-maker
   7415  Musical instrument maker
   7416  Fur and feather processing worker
   7417  Reed and willow processing worker, broom and brush maker
   7418  Textile maker, embroiderer, lace-maker
   7419  Other handicraft worker

742  *Precision instrument mechanics*
   7420  Precision instrument mechanic
75 Building industry occupations

751 Master builders' occupations
   7511 Bricklayer
   7512 Plasterer
   7513 Carpenter
   7514 Building joiner
   7515 Building frame worker
   7519 Other master builders’ occupation

752 Construction, assembly occupations
   7521 Plumber and pipe fitter (water, gas, heating)
   7522 Fitter of ventilation, cooling and air-conditioning equipment
   7523 Elevator mechanic
   7524 Fitter of building electric network, electric fitter
   7529 Other building, fitting occupation

753 Specialized construction industry occupations
   7531 Insulation worker
   7532 Roofer
   7533 Building, construction plumber
   7534 Floor layer and tile setter
   7535 Painter and decorator
   7536 Stonemason, artificial stone maker
   7537 Stove-maker and fireplace-builder
   7538 Glazier
   7539 Other specialized construction industry occupation

79 Other industry and construction industry occupations

791 Other industry and construction industry occupations
   7911 Industrial diver
   7912 Industrial alpinist
   7913 Blaster
   7914 Fumigator, weed controller
   7915 Chimney sweeper, building structure cleaner
   7919 Other industrial and construction industrial occupation not elsewhere classified

8 MACHINE OPERATORS, ASSEMBLY WORKERS, DRIVERS OF VEHICLES

81 Manufacturing machine operators

811 Food, beverage and tobacco products machine operators
   8111 Food, beverage products machine operator
   8112 Tobacco products machine operator

812 Light industry machine operators and production-line workers
   8121 Textile industry machine operator and production-line worker
   8122 Clothing industry machine operator and production-line worker
   8123 Leather tanning and processing machine operator and production-line worker
   8124 Shoe products machine operator and production-line worker
   8125 Wood processing machine operator and production-line worker
   8126 Paper and cellulose products machine operator and production-line worker
813 Basic chemicals and chemical products manufacturers machine operators
   8131 Oil and natural gas processing machine operator
   8132 Basic chemicals and chemical products machine operator
   8133 Pharmaceutical products machine operator
   8134 Fertilizers and plant-protection products machine operator
   8135 Plastic products machine operator
   8136 Rubber products machine operator
   8137 Photographs and films laboratory assistant

814 Base materials products machine operators
   8141 Ceramics industry products machine operator
   8142 Glass and glass-ware products machine operator
   8143 Cement, stone and other minerals processing machine operator
   8144 Paper industry base materials products machine operator

815 Metal processing and finishing plant operators
   8151 Metal processing plant operator
   8152 Metal finishing and coating machine operator

819 Other manufacturing machine operators
   8190 Other manufacturing machine operator not elsewhere classified

82 Assemblers
   821 Assemblers
      8211 Mechanical machinery assembler
      8212 Electrical and electronic equipment assembler
      8219 Assembler of other products

83 Stationary machine operators
   831 Mining plant operators
      8311 Mineral and stone extraction machine operator (coal, stone)
      8312 Well driller, deep drilling rig machine operator (oil, natural gas, water)
   832 Other stationary machine operators
      8321 Power engineering machine operator
      8322 Water treatment machine operator
      8323 Boiler plant operator
      8324 Radioactive decontamination machine, equipment operator
      8325 Packing, bottling, and labelling machine operator
      8326 Cinema operator, projectionist
      8327 Laundry machine operator
      8329 Stationary machine operator not elsewhere classified

84 Drivers and mobile machinery operators
   841 Drivers of vehicles and related occupations
      8411 Locomotive engine driver
      8412 Occupations related to driving railway vehicles
      8413 Tram driver
      8414 Underground driver
      8415 Trolley bus driver
      8416 Car driver
      8417 Heavy truck and lorry driver
8418 Bus driver
8419 Other drivers of vehicles and related occupation

842 Mobile machinery operators
8421 Agricultural, forestry, plant protection machine operator
8422 Earthmoving and related light and heavy machine operator
8423 Public hygiene, local sanitation machine operator
8424 Crane, hoist and related plant operator
8425 Lifting truck operator

843 Shipping occupations
8430 Ship’s crew, helmsman, sailor

9 (ELEMENTARY) OCCUPATIONS NOT REQUIRING QUALIFICATIONS

91 Cleaners and related simple occupations

911 Cleaners and helpers
9111 Domestic cleaner and helper
9112 Cleaner and helper in offices, hotels and other establishments
9113 Hand launderer, presser
9114 Vehicle cleaner
9115 Window cleaner
9119 Other cleaner and helper

92 Simple service, transport and similar occupations

921 Garbage collectors and similar occupations
9211 Garbage collector, street sweeper
9212 Refuse sorter

922 Transport and storage labourers
9221 Hand and pedal vehicle driver
9222 Driver of animal-drawn vehicles
9223 Freight handler
9224 Counter and shelf filler
9225 Hand packer

923 Other simple service and transport occupations
9231 Door-keeper, gate-keeper, simple guard
9232 Meter reader and similar simple occupations
9233 Office attendant, deliverer
9234 Luggage porter, package deliverer
9235 Fast food restaurant assistant
9236 Kitchen helper
9237 Domestic helper
9238 Car park guard
9239 Other simple service and transport occupation not elsewhere classified

93 Simple industry, construction industry, agricultural occupations

931 Simple industry occupations
9310 Simple industry occupation
932  Simple construction industry occupations
   9321  Navvy
   9329  Other simple construction industry occupation

933  Simple agricultural, forestry, hunting, fishery labourers
   9331  Simple agricultural labourer
   9332  Simple forestry, hunting, fishery labourer

0  ARMED FORCES OCCUPATIONS

  01  Armed forces occupations requiring tertiary qualification

     011  Armed forces occupations requiring tertiary qualification
          0110  Armed forces occupation requiring tertiary qualification

  02  Armed forces occupations requiring secondary qualification

     021  Armed forces occupations requiring secondary qualification
          0210  Armed forces occupation requiring secondary qualification

  03  Armed forces occupations not requiring secondary qualification

     031  Armed forces occupations not requiring secondary qualification
          0310  Armed forces occupation not requiring secondary qualification