

**PART II**

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**STRUCTURE OF THE INTERNATIONAL  
STANDARD CLASSIFICATION OF OCCUPATIONS  
(ISCO-08)**

## **Major Groups**

- 1 Managers
- 2 Professionals
- 3 Technicians and Associate Professionals
- 4 Clerical Support Workers
- 5 Services and Sales Workers
- 6 Skilled Agricultural, Forestry and Fishery Workers
- 7 Craft and Related Trades Workers
- 8 Plant and Machine Operators and Assemblers
- 9 Elementary Occupations
- 0 Armed Forces Occupations

## **MAJOR AND SUB-MAJOR GROUPS**

### **1 Managers**

- 11 Chief Executives, Senior Officials and Legislators
- 12 Administrative and Commercial Managers
- 13 Production and Specialized Services Managers
- 14 Hospitality, Retail and Other Services Managers

### **2 Professionals**

- 21 Science and Engineering Professionals
- 22 Health Professionals
- 23 Teaching Professionals
- 24 Business and Administration Professionals
- 25 Information and Communications Technology Professionals
- 26 Legal, Social and Cultural Professionals

### **3 Technicians and Associate Professionals**

- 31 Science and Engineering Associate Professionals
- 32 Health Associate Professionals
- 33 Business and Administration Associate Professionals
- 34 Legal, Social, Cultural and Related Associate Professionals
- 35 Information and Communications Technicians

### **4 Clerical Support Workers**

- 41 General and Keyboard Clerks
- 42 Customer Services Clerks
- 43 Numerical and Material Recording Clerks
- 44 Other Clerical Support Workers

### **5 Services and Sales Workers**

- 51 Personal Services Workers
- 52 Sales Workers
- 53 Personal Care Workers
- 54 Protective Services Workers

### **6 Skilled Agricultural, Forestry and Fishery Workers**

- 61 Market-oriented Skilled Agricultural Workers

62 Market-oriented Skilled Forestry, Fishery and Hunting Workers

63 Subsistence Farmers, Fishers, Hunters and Gatherers

**7 Craft and Related Trades Workers**

71 Building and Related Trades Workers (excluding Electricians)

72 Metal, Machinery and Related Trades Workers

73 Handicraft and Printing Workers

74 Electrical and Electronic Trades Workers

75 Food Processing, Woodworking, Garment and Other Craft and Related Trades Workers

**8 Plant and Machine Operators and Assemblers**

81 Stationary Plant and Machine Operators

82 Assemblers

83 Drivers and Mobile Plant Operators

**9 Elementary Occupations**

91 Cleaners and Helpers

92 Agricultural, Forestry and Fishery Labourers

93 Labourers in Mining, Construction, Manufacturing and Transport

94 Food Preparation Assistants

95 Street and Related Sales and Services Workers

96 Refuse Workers and Other Elementary Workers

**0 Armed Forces Occupations**

01 Commissioned Armed Forces Officers

02 Non-commissioned Armed Forces Officers

03 Armed Forces Occupations, Other Ranks

## **MAJOR, SUB-MAJOR AND MINOR GROUPS**

### **1 Managers**

#### **11 Chief Executives, Senior Officials and Legislators**

- 111 Legislators and Senior Officials
- 112 Managing Directors and Chief Executives

#### **12 Administrative and Commercial Managers**

- 121 Business Services and Administration Managers
- 122 Sales, Marketing and Development Managers

#### **13 Production and Specialized Services Managers**

- 131 Production Managers in Agriculture, Forestry and Fisheries
- 132 Manufacturing, Mining, Construction and Distribution Managers
- 133 Information and Communications Technology Services Managers
- 134 Professional Services Managers

#### **14 Hospitality, Retail and Other Services Managers**

- 141 Hotel and Restaurant Managers
- 142 Retail and Wholesale Trade Managers
- 143 Other Services Managers

### **2 Professionals**

#### **21 Science and Engineering Professionals**

- 211 Physical and Earth Science Professionals
- 212 Mathematicians, Actuaries and Statisticians
- 213 Life Science Professionals
- 214 Engineering Professionals (excluding Electrotechnology)
- 215 Electrotechnology Engineers
- 216 Architects, Planners, Surveyors and Designers

#### **22 Health Professionals**

- 221 Medical Doctors
- 222 Nursing and Midwifery Professionals
- 223 Traditional and Complementary Medicine Professionals
- 224 Paramedical Practitioners
- 225 Veterinarians
- 226 Other Health Professionals

#### **23 Teaching Professionals**

- 231 University and Higher Education Teachers
- 232 Vocational Education Teachers
- 233 Secondary Education Teachers
- 234 Primary School and Early Childhood Teachers
- 235 Other Teaching Professionals

#### **24 Business and Administration Professionals**

- 241 Finance Professionals
- 242 Administration Professionals
- 243 Sales, Marketing and Public Relations Professionals

#### **25 Information and Communications Technology Professionals**

- 251 Software and Applications Developers and Analysts
- 252 Database and Network Professionals

#### **26 Legal, Social and Cultural Professionals**

- 261 Legal Professionals
- 262 Librarians, Archivists and Curators
- 263 Social and Religious Professionals
- 264 Authors, Journalists and Linguists
- 265 Creative and Performing Artists

### **3 Technicians and Associate Professionals**

#### **31 Science and Engineering Associate Professionals**

- 311 Physical and Engineering Science Technicians
- 312 Mining, Manufacturing and Construction Supervisors
- 313 Process Control Technicians
- 314 Life Science Technicians and Related Associate Professionals
- 315 Ship and Aircraft Controllers and Technicians

#### **32 Health Associate Professionals**

- 321 Medical and Pharmaceutical Technicians
- 322 Nursing and Midwifery Associate Professionals
- 323 Traditional and Complementary Medicine Associate Professionals
- 324 Veterinary Technicians and Assistants
- 325 Other Health Associate Professionals

#### **33 Business and Administration Associate Professionals**

- 331 Financial and Mathematical Associate Professionals
- 332 Sales and Purchasing Agents and Brokers

- 333 Business Services Agents
- 334 Administrative and Specialized Secretaries
- 335 Government regulatory associate professionals

#### **34 Legal, Social, Cultural and Related Associate Professionals**

- 341 Legal, Social and Religious Associate Professionals
- 342 Sports and Fitness Workers
- 343 Artistic, Cultural and Culinary Associate Professionals

#### **35 Information and Communications Technicians**

- 351 Information and Communications Technology Operations and User Support Technicians
- 352 Telecommunications and Broadcasting Technicians

### **4 Clerical Support Workers**

#### **41 General and Keyboard Clerks**

- 411 General Office Clerks
- 412 Secretaries (general)
- 413 Keyboard Operators

#### **42 Customer Services Clerks**

- 421 Tellers, Money Collectors and Related Clerks
- 422 Client Information Workers

#### **43 Numerical and Material Recording Clerks**

- 431 Numerical Clerks
- 432 Material recording and Transport Clerks

#### **44 Other Clerical Support Workers**

- 441 Other Clerical Support Workers

### **5 Services and Sales Workers**

#### **51 Personal Services Workers**

- 511 Travel Attendants, Conductors and Guides
- 512 Cooks
- 513 Waiters and Bartenders
- 514 Hairdressers, Beauticians and Related Workers
- 515 Building and Housekeeping Supervisors
- 516 Other Personal Services Workers

## **52 Sales Workers**

- 521 Street and Market Salespersons
- 522 Shop Salespersons
- 523 Cashiers and Ticket Clerks
- 524 Other Sales Workers

## **53 Personal Care Workers**

- 531 Child Care Workers and Teachers' Aides
- 532 Personal Care Workers in Health Services

## **54 Protective Services Workers**

- 541 Protective Services Workers

# **6 Skilled Agricultural, Forestry and Fishery Workers**

## **61 Market-oriented Skilled Agricultural Workers**

- 611 Market Gardeners and Crop Growers
- 612 Animal Producers
- 613 Mixed Crop and Animal Producers

## **62 Market-oriented Skilled Forestry, Fishery and Hunting Workers**

- 621 Forestry and Related Workers
- 622 Fishery Workers, Hunters and Trappers

## **63 Subsistence Farmers, Fishers, Hunters and Gatherers**

- 631 Subsistence Crop Farmers
- 632 Subsistence Livestock Farmers
- 633 Subsistence Mixed Crop and Livestock Farmers
- 634 Subsistence Fishers, Hunters, Trappers and Gatherers

# **7 Craft and Related Trades Workers**

## **71 Building and Related Trades Workers (excluding Electricians)**

- 711 Building Frame and Related Trades Workers
- 712 Building Finishers and Related Trades Workers
- 713 Painters, Building Structure Cleaners and Related Trades Workers

## **72 Metal, Machinery and Related Trades Workers**

- 721 Sheet and Structural Metal Workers, Moulders and Welders, and Related Workers
- 722 Blacksmiths, Toolmakers and Related Trades Workers
- 723 Machinery Mechanics and Repairers



### **73 Handicraft and Printing Workers**

731 Handicraft Workers

732 Printing Trades Workers

### **74 Electrical and Electronic Trades Workers**

741 Electrical Equipment Installers and Repairers

742 Electronics and Telecommunications Installers and Repairers

### **75 Food Processing, Woodworking, Garment and Other Craft and Related Trades Workers**

751 Food Processing and Related Trades Workers

752 Wood Treaters, Cabinet-makers and Related Trades Workers

753 Garment and Related Trades Workers

754 Other Craft and Related Workers

## **8 Plant and Machine Operators And Assemblers**

### **81 Stationary Plant and Machine Operators**

811 Mining and Mineral Processing Plant Operators

812 Metal Processing and Finishing Plant Operators

813 Chemical and Photographic Products Plant and Machine Operators

814 Rubber, Plastic and Paper Products Machine Operators

815 Textile, Fur and Leather Products Machine Operators

816 Food and Related Products Machine Operators

817 Wood Processing and Papermaking Plant Operators

818 Other Stationary Plant and Machine Operators

### **82 Assemblers**

821 Assemblers

### **83 Drivers and Mobile Plant Operators**

831 Locomotive Engine Drivers and Related Workers

832 Car, Van and Motorcycle Drivers

833 Heavy Truck and Bus Drivers

834 Mobile Plant Operators

835 Ships' Deck Crews and Related Workers

## **9 Elementary Occupations**

### **91 Cleaners and Helpers**

- 911 Domestic, Hotel and Office Cleaners and Helpers
- 912 Vehicle, Window, Laundry and Other Hand Cleaning Workers

### **92 Agricultural, Forestry and Fishery Labourers**

- 921 Agricultural, Forestry and Fishery Labourers

### **93 Labourers in Mining, Construction, Manufacturing and Transport**

- 931 Mining and Construction Labourers
- 932 Manufacturing Labourers
- 933 Transport and Storage Labourers

### **94 Food Preparation Assistants**

- 941 Food Preparation Assistants

### **95 Street and Related Sales and Services Workers**

- 951 Street and Related Services Workers
- 952 Street Vendors (excluding Food)

### **96 Refuse Workers and Other Elementary Workers**

- 961 Refuse Workers
- 962 Other Elementary Workers

## **0 Armed Forces Occupations**

### **01 Commissioned Armed Forces Officers**

- 011 Commissioned Armed Forces Officers

### **02 Non-commissioned Armed Forces Officers**

- 021 Non-commissioned Armed Forces Officers

### **03 Armed Forces Occupations, Other Ranks**

- 031 Armed Forces Occupations, Other Ranks

## MAJOR, SUB-MAJOR, MINOR AND UNIT GROUPS

### 1 Managers

#### 11 Chief Executives, Senior Officials and Legislators

- 111 Legislators and Senior Officials
  - 1111 Legislators
  - 1112 Senior Government Officials
  - 1113 Traditional Chiefs and Heads of Villages
  - 1114 Senior Officials of Special-interest Organizations
- 112 Managing Directors and Chief Executives
  - 1120 Managing Directors and Chief Executives

#### 12 Administrative and Commercial Managers

- 121 Business Services and Administration Managers
  - 1211 Finance Managers
  - 1212 Human Resource Managers
  - 1213 Policy and Planning Managers
  - 1219 Business Services and Administration Managers Not Elsewhere Classified
- 122 Sales, Marketing and Development Managers
  - 1221 Sales and Marketing Managers
  - 1222 Advertising and Public Relations Managers
  - 1223 Research and Development Managers

#### 13 Production and Specialized Services Managers

- 131 Production Managers in Agriculture, Forestry and Fisheries
  - 1311 Agricultural and Forestry Production Managers
  - 1312 Aquaculture and Fisheries Production Managers
- 132 Manufacturing, Mining, Construction and Distribution Managers
  - 1321 Manufacturing Managers
  - 1322 Mining Managers
  - 1323 Construction Managers
  - 1324 Supply, Distribution and Related Managers
- 133 Information and Communications Technology Services Managers
  - 1330 Information and Communications Technology Services Managers
- 134 Professional Services Managers
  - 1341 Child Care Services Managers
  - 1342 Health Services Managers
  - 1343 Aged Care Services Managers
  - 1344 Social Welfare Managers
  - 1345 Education Managers
  - 1346 Financial and Insurance Services Branch Managers
  - 1349 Professional Services Managers Not Elsewhere Classified

#### 14 Hospitality, Retail and Other Services Managers

- 141 Hotel and Restaurant Managers
  - 1411 Hotel Managers
  - 1412 Restaurant Managers
- 142 Retail and Wholesale Trade Managers

- 1420 Retail and Wholesale Trade Managers
- 143 Other Services Managers
- 1431 Sports, Recreation and Cultural Centre Managers
- 1439 Services Managers Not Elsewhere Classified

## 2 Professionals

### 21 Science and Engineering Professionals

- 211 Physical and Earth Science Professionals
  - 2111 Physicists and Astronomers
  - 2112 Meteorologists
  - 2113 Chemists
  - 2114 Geologists and Geophysicists
- 212 Mathematicians, Actuaries and Statisticians
  - 2120 Mathematicians, Actuaries and Statisticians
- 213 Life Science Professionals
  - 2131 Biologists, Botanists, Zoologists and Related Professionals
  - 2132 Farming, Forestry and Fisheries Advisers
  - 2133 Environmental Protection Professionals
- 214 Engineering Professionals (excluding Electrotechnology)
  - 2141 Industrial and Production Engineers
  - 2142 Civil Engineers
  - 2143 Environmental Engineers
  - 2144 Mechanical Engineers
  - 2145 Chemical Engineers
  - 2146 Mining Engineers, Metallurgists and Related Professionals
  - 2149 Engineering Professionals Not Elsewhere Classified
- 215 Electrotechnology Engineers
  - 2151 Electrical Engineers
  - 2152 Electronics Engineers
  - 2153 Telecommunications Engineers
- 216 Architects, Planners, Surveyors and Designers
  - 2161 Building Architects
  - 2162 Landscape Architects
  - 2163 Product and Garment Designers
  - 2164 Town and Traffic Planners
  - 2165 Cartographers and Surveyors
  - 2166 Graphic and Multimedia Designers

### 22 Health Professionals

- 221 Medical Doctors
  - 2211 Generalist Medical Practitioners
  - 2212 Specialist Medical Practitioners
- 222 Nursing and Midwifery Professionals
  - 2221 Nursing Professionals
  - 2222 Midwifery Professionals
- 223 Traditional and Complementary Medicine Professionals
  - 2230 Traditional and Complementary Medicine Professionals
- 224 Paramedical Practitioners
  - 2240 Paramedical Practitioners

- 225      Veterinarians
  - 2250      Veterinarians
- 226      Other Health Professionals
  - 2261      Dentists
  - 2262      Pharmacists
  - 2263      Environmental and Occupational Health and Hygiene Professionals
  - 2264      Physiotherapists
  - 2265      Dieticians and Nutritionists
  - 2266      Audiologists and Speech Therapists
  - 2267      Optometrists and Ophthalmic Opticians
  - 2269      Health Professionals Not Elsewhere Classified
- 23      Teaching Professionals**
  - 231      University and Higher Education Teachers
    - 2310      University and Higher Education Teachers
  - 232      Vocational Education Teachers
    - 2320      Vocational Education Teachers
  - 233      Secondary Education Teachers
    - 2330      Secondary Education Teachers
  - 234      Primary School and Early Childhood Teachers
    - 2341      Primary School Teachers
    - 2342      Early Childhood Educators
  - 235      Other Teaching Professionals
    - 2351      Education Methods specialists
    - 2352      Special Needs Teachers
    - 2353      Other Language Teachers
    - 2354      Other Music Teachers
    - 2355      Other Arts Teachers
    - 2356      Information Technology Trainers
    - 2359      Teaching Professionals Not Elsewhere Classified
- 24      Business and Administration Professionals**
  - 241      Finance Professionals
    - 2411      Accountants
    - 2412      Financial and Investment Advisers
    - 2413      Financial Analysts
  - 242      Administration Professionals
    - 2421      Management and Organization Analysts
    - 2422      Policy Administration Professionals
    - 2423      Personnel and Careers Professionals
    - 2424      Training and Staff Development Professionals
  - 243      Sales, Marketing and Public Relations Professionals
    - 2431      Advertising and Marketing Professionals
    - 2432      Public Relations Professionals
    - 2433      Technical and Medical Sales Professionals (excluding ICT)
    - 2434      Information and Communications Technology Sales Professionals
- 25      Information and Communications Technology Professionals**
  - 251      Software and Applications Developers and Analysts
    - 2511      Systems Analysts
    - 2512      Software Developers

- 2513 Web and Multimedia Developers
- 2514 Applications Programmers
- 2519 Software and Applications Developers and Analysts Not Elsewhere Classified
- 252 Database and Network Professionals
  - 2521 Database Designers and Administrators
  - 2522 Systems Administrators
  - 2523 Computer Network Professionals
  - 2529 Database and Network Professionals Not Elsewhere Classified
- 26 Legal, Social and Cultural Professionals**
  - 261 Legal Professionals
    - 2611 Lawyers
    - 2612 Judges
    - 2619 Legal Professionals Not Elsewhere Classified
  - 262 Librarians, Archivists and Curators
    - 2621 Archivists and Curators
    - 2622 Librarians and Related Information Professionals
  - 263 Social and Religious Professionals
    - 2631 Economists
    - 2632 Sociologists, Anthropologists and Related Professionals
    - 2633 Philosophers, Historians and Political Scientists
    - 2634 Psychologists
    - 2635 Social Work and Counselling Professionals
    - 2636 Religious Professionals
  - 264 Authors, Journalists and Linguists
    - 2641 Authors and Related Writers
    - 2642 Journalists
    - 2643 Translators, Interpreters and Other Linguists
  - 265 Creative and Performing Artists
    - 2651 Visual Artists
    - 2652 Musicians, Singers and Composers
    - 2653 Dancers and Choreographers
    - 2654 Film, Stage and Related Directors and Producers
    - 2655 Actors
    - 2656 Announcers on Radio, Television and Other Media
    - 2659 Creative and Performing Artists Not Elsewhere Classified

### **3 Technicians and Associate Professionals**

#### **31 Science and Engineering Associate Professionals**

- 311 Physical and Engineering Science Technicians
  - 3111 Chemical and Physical Science Technicians
  - 3112 Civil Engineering Technicians
  - 3113 Electrical Engineering Technicians
  - 3114 Electronics 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 Mining, Manufacturing and Construction Supervisors
  - 3121 Mining Supervisors
  - 3122 Manufacturing Supervisors
  - 3123 Construction Supervisors
- 313 Process Control Technicians
  - 3131 Power Production Plant Operators
  - 3132 Incinerator and Water Treatment Plant Operators
  - 3133 Chemical Processing Plant Controllers
  - 3134 Petroleum and Natural Gas Refining Plant Operators
  - 3135 Metal Production Process Controllers
  - 3139 Process Control Technicians Not Elsewhere Classified
- 314 Life Science Technicians and Related Associate Professionals
  - 3141 Life Science Technicians (excluding Medical)
  - 3142 Agricultural Technicians
  - 3143 Forestry Technicians
- 315 Ship and Aircraft Controllers and Technicians
  - 3151 Ships' Engineers
  - 3152 Ships' Deck Officers and Pilots
  - 3153 Aircraft Pilots and Related Associate Professionals
  - 3154 Air Traffic Controllers
  - 3155 Air Traffic Safety Electronics Technicians

#### **32 Health Associate Professionals**

- 321 Medical and Pharmaceutical Technicians
  - 3211 Medical Imaging and Therapeutic Equipment Technicians
  - 3212 Medical and Pathology Laboratory Technicians
  - 3213 Pharmaceutical Technicians and Assistants
  - 3214 Medical and Dental Prosthetic Technicians
- 322 Nursing and Midwifery Associate Professionals
  - 3221 Nursing Associate Professionals
  - 3222 Midwifery Associate Professionals
- 323 Traditional and Complementary Medicine Associate Professionals
  - 3230 Traditional and Complementary Medicine Associate Professionals
- 324 Veterinary Technicians and Assistants
  - 3240 Veterinary Technicians and Assistants
- 325 Other Health Associate Professionals
  - 3251 Dental Assistants and Therapists

- 3252 Medical Records and Health Information Technicians
- 3253 Community Health Workers
- 3254 Dispensing Opticians
- 3255 Physiotherapy Technicians and Assistants
- 3256 Medical Assistants
- 3257 Environmental and Occupational Health Inspectors and Associates
- 3258 Ambulance Workers
- 3259 Health Associate Professionals Not Elsewhere Classified

**33 Business and Administration Associate Professionals**

- 331 Financial and Mathematical Associate Professionals
  - 3311 Securities and Finance Dealers and Brokers
  - 3312 Credit and Loans Officers
  - 3313 Accounting Associate Professionals
  - 3314 Statistical, Mathematical and Related Associate Professionals
  - 3315 Valuers and Loss Assessors
- 332 Sales and Purchasing Agents and Brokers
  - 3321 Insurance Representatives
  - 3322 Commercial Sales Representatives
  - 3323 Buyers
  - 3324 Trade Brokers
- 333 Business Services Agents
  - 3331 Clearing and Forwarding Agents
  - 3332 Conference and Event Planners
  - 3333 Employment Agents and Contractors
  - 3334 Real Estate Agents and Property Managers
  - 3339 Business Services Agents Not Elsewhere Classified
- 334 Administrative and Specialized Secretaries
  - 3341 Office Supervisors
  - 3342 Legal Secretaries
  - 3343 Administrative and Executive Secretaries
  - 3344 Medical Secretaries
- 335 Government Regulatory Associate Professionals
  - 3351 Customs and Border Inspectors
  - 3352 Government Tax and Excise Officials
  - 3353 Government Social Benefits Officials
  - 3354 Government Licensing Officials
  - 3355 Police Inspectors and Detectives
  - 3359 Government Regulatory Associate Professionals Not Elsewhere Classified

**34 Legal, Social, Cultural and Related Associate Professionals**

- 341 Legal, Social and Religious Associate Professionals
  - 3411 Legal and Related Associate Professionals
  - 3412 Social Work Associate Professionals
  - 3413 Religious Associate Professionals
- 342 Sports and Fitness Workers
  - 3421 Athletes and Sports Players
  - 3422 Sports Coaches, Instructors and Officials
  - 3423 Fitness and Recreation Instructors and Programme Leaders
- 343 Artistic, Cultural and Culinary Associate Professionals



- 3431 Photographers
- 3432 Interior Designers and Decorators
- 3433 Gallery, Museum and Library Technicians
- 3434 Chefs
- 3435 Other Artistic and Cultural Associate Professionals
- 35 Information and Communications Technicians**
  - 351 Information and Communications Technology Operations and User Support Technicians
    - 3511 Information and Communications Technology Operations Technicians
    - 3512 Information and Communications Technology User Support Technicians
    - 3513 Computer Network and Systems Technicians
    - 3514 Web Technicians
  - 352 Telecommunications and Broadcasting Technicians
    - 3521 Broadcasting and Audiovisual Technicians
    - 3522 Telecommunications Engineering Technicians

## **4 Clerical Support Workers**

- 41 General and Keyboard Clerks**
  - 411 General Office Clerks
    - 4110 General Office Clerks
  - 412 Secretaries (general)
    - 4120 Secretaries (general)
  - 413 Keyboard Operators
    - 4131 Typists and Word Processing Operators
    - 4132 Data Entry Clerks
- 42 Customer Services Clerks**
  - 421 Tellers, Money Collectors and Related Clerks
    - 4211 Bank Tellers and Related Clerks
    - 4212 Bookmakers, Croupiers and Related Gaming Workers
    - 4213 Pawnbrokers and Money-lenders
    - 4214 Debt Collectors and Related Workers
  - 422 Client Information Workers
    - 4221 Travel Consultants and Clerks
    - 4222 Contact Centre Information Clerks
    - 4223 Telephone Switchboard Operators
    - 4224 Hotel Receptionists
    - 4225 Inquiry Clerks
    - 4226 Receptionists (general)
    - 4227 Survey and Market Research Interviewers
    - 4229 Client Information Workers Not Elsewhere Classified
- 43 Numerical and Material Recording Clerks**
  - 431 Numerical Clerks
    - 4311 Accounting and Bookkeeping Clerks
    - 4312 Statistical, Finance and Insurance Clerks
    - 4313 Payroll Clerks

- 432      Material Recording and Transport Clerks
  - 4321      Stock Clerks
  - 4322      Production Clerks
  - 4323      Transport Clerks

**44      Other Clerical Support Workers**

- 441      Other Clerical Support Workers
  - 4411      Library Clerks
  - 4412      Mail Carriers and Sorting Clerks
  - 4413      Coding, Proofreading and Related Clerks
  - 4414      Scribes and Related Workers
  - 4415      Filing and Copying Clerks
  - 4416      Personnel Clerks
  - 4419      Clerical Support Workers Not Elsewhere Classified

**5      Services And Sales Workers**

**51      Personal Services Workers**

- 511      Travel Attendants, Conductors and Guides
  - 5111      Travel Attendants and Travel Stewards
  - 5112      Transport Conductors
  - 5113      Travel Guides
- 512      Cooks
  - 5120      Cooks
- 513      Waiters and Bartenders
  - 5131      Waiters
  - 5132      Bartenders
- 514      Hairdressers, Beauticians and Related Workers
  - 5141      Hairdressers
  - 5142      Beauticians and Related Workers
- 515      Building and Housekeeping Supervisors
  - 5151      Cleaning and Housekeeping Supervisors in Offices, Hotels and Other Establishments
  - 5152      Domestic Housekeepers
  - 5153      Building Caretakers
- 516      Other Personal Services Workers
  - 5161      Astrologers, Fortune-tellers and Related Workers
  - 5162      Companions and Valets
  - 5163      Undertakers and Embalmers
  - 5164      Pet Groomers and Animal Care Workers
  - 5165      Driving Instructors
  - 5169      Personal Services Workers Not Elsewhere Classified

**52      Sales Workers**

- 521      Street and Market Salespersons
  - 5211      Stall and Market Salespersons
  - 5212      Street Food Salespersons
- 522      Shop Salespersons
  - 5221      Shopkeepers
  - 5222      Shop Supervisors

- 5223 Shop Sales Assistants
- 523 Cashiers and Ticket Clerks
  - 5230 Cashiers and Ticket Clerks
- 524 Other Sales Workers
  - 5241 Fashion and Other Models
  - 5242 Sales Demonstrators
  - 5243 Door-to-door Salespersons
  - 5244 Contact Centre Salespersons
  - 5245 Service Station Attendants
  - 5246 Food Service Counter Attendants
  - 5249 Sales Workers Not Elsewhere Classified
- 53 Personal Care Workers**
  - 531 Child Care Workers and Teachers' Aides
    - 5311 Child Care Workers
    - 5312 Teachers' Aides
  - 532 Personal Care Workers in Health Services
    - 5321 Health Care Assistants
    - 5322 Home-based Personal Care Workers
    - 5329 Personal Care Workers in Health Services Not Elsewhere Classified
- 54 Protective Services Workers**
  - 541 Protective Services Workers
    - 5411 Firefighters
    - 5412 Police Officers
    - 5413 Prison Guards
    - 5414 Security Guards
    - 5419 Protective Services Workers Not Elsewhere Classified

## **6 Skilled Agricultural, Forestry and Fishery Workers**

- 61 Market-oriented Skilled Agricultural Workers**
  - 611 Market Gardeners and Crop Growers
    - 6111 Field Crop and Vegetable Growers
    - 6112 Tree and Shrub Crop Growers
    - 6113 Gardeners; Horticultural and Nursery Growers
    - 6114 Mixed Crop Growers
  - 612 Animal Producers
    - 6121 Livestock and Dairy Producers
    - 6122 Poultry Producers
    - 6123 Apiarists and Sericulturists
    - 6129 Animal Producers Not Elsewhere Classified
  - 613 Mixed Crop and Animal Producers
    - 6130 Mixed Crop and Animal Producers
- 62 Market-oriented Skilled Forestry, Fishery and Hunting Workers**
  - 621 Forestry and Related Workers
    - 6210 Forestry and Related Workers
  - 622 Fishery Workers, Hunters and Trappers

- 6221 Aquaculture Workers
- 6222 Inland and Coastal Waters Fishery Workers
- 6223 Deep-sea Fishery Workers
- 6224 Hunters and Trappers

**63 Subsistence Farmers, Fishers, Hunters and Gatherers**

- 631 Subsistence Crop Farmers
  - 6310 Subsistence Crop Farmers
- 632 Subsistence Livestock Farmers
  - 6320 Subsistence Livestock Farmers
- 633 Subsistence Mixed Crop and Livestock Farmers
  - 6330 Subsistence Mixed Crop and Livestock Farmers
- 634 Subsistence Fishers, Hunters, Trappers and Gatherers
  - 6340 Subsistence Fishers, Hunters, Trappers and Gatherers

**7 Craft and Related Trades Workers**

**71 Building and Related Trades Workers (excluding Electricians)**

- 711 Building Frame and Related Trades Workers
  - 7111 House Builders
  - 7112 Bricklayers and Related Workers
  - 7113 Stonemasons, Stone Cutters, Splitters and Carvers
  - 7114 Concrete Placers, Concrete Finishers and Related Workers
  - 7115 Carpenters and Joiners
  - 7119 Building Frame and Related Trades Workers Not Elsewhere Classified
- 712 Building Finishers and Related Trades Workers
  - 7121 Roofers
  - 7122 Floor Layers and Tile Setters
  - 7123 Plasterers
  - 7124 Insulation Workers
  - 7125 Glaziers
  - 7126 Plumbers and Pipe Fitters
  - 7127 Air Conditioning and Refrigeration Mechanics
- 713 Painters, Building Structure Cleaners and Related Trades Workers
  - 7131 Painters and Related Workers
  - 7132 Spray Painters and Varnishers
  - 7133 Building Structure Cleaners

**72 Metal, Machinery and Related Trades Workers**

- 721 Sheet and Structural Metal Workers, Moulders and Welders, and Related 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
- 722 Blacksmiths, Toolmakers and Related Trades Workers
  - 7221 Blacksmiths, Hammersmiths and Forging Press Workers
  - 7222 Toolmakers and Related Workers

- 7223 Metal Working Machine Tool Setters and Operators
- 7224 Metal Polishers, Wheel Grinders and Tool Sharpeners
- 723 Machinery Mechanics and Repairers
  - 7231 Motor Vehicle Mechanics and Repairers
  - 7232 Aircraft Engine Mechanics and Repairers
  - 7233 Agricultural and Industrial Machinery Mechanics and Repairers
  - 7234 Bicycle and Related Repairers
- 73 Handicraft and Printing Workers**
  - 731 Handicraft Workers
    - 7311 Precision-instrument Makers and Repairers
    - 7312 Musical Instrument Makers and Tuners
    - 7313 Jewellery and Precious Metal Workers
    - 7314 Potters and Related Workers
    - 7315 Glass Makers, Cutters, Grinders and Finishers
    - 7316 Signwriters, Decorative Painters, Engravers and Etchers
    - 7317 Handicraft Workers in Wood, Basketry and Related Materials
    - 7318 Handicraft Workers in Textile, Leather and Related Materials
    - 7319 Handicraft Workers Not Elsewhere Classified
  - 732 Printing Trades Workers
    - 7321 Pre-press Technicians
    - 7322 Printers
    - 7323 Print Finishing and Binding Workers
- 74 Electrical and Electronics Trades Workers**
  - 741 Electrical Equipment Installers and Repairers
    - 7411 Building and Related Electricians
    - 7412 Electrical Mechanics and Fitters
    - 7413 Electrical Line Installers and Repairers
  - 742 Electronics and Telecommunications Installers and Repairers
    - 7421 Electronics Mechanics and Servicers
    - 7422 Information and Communications Technology Installers and Servicers
- 75 Food Processing, Woodworking, Garment and Other Craft and Related Trades Workers**
  - 751 Food Processing and Related Trades Workers
    - 7511 Butchers, Fishmongers and Related Food Preparers
    - 7512 Bakers, Pastry-cooks and Confectionery Makers
    - 7513 Dairy Products Makers
    - 7514 Fruit, Vegetable and Related Preservers
    - 7515 Food and Beverage Tasters and Graders
    - 7516 Tobacco Preparers and Tobacco Products Makers
  - 752 Wood Treaters, Cabinet-makers and Related Trades Workers
    - 7521 Wood Treaters
    - 7522 Cabinet-makers and Related Workers
    - 7523 Woodworking Machine Tool Setters and Operators
  - 753 Garment and Related Trades Workers
    - 7531 Tailors, Dressmakers, Furriers and Hatters
    - 7532 Garment and Related Patternmakers and Cutters
    - 7533 Sewing, Embroidery and Related Workers

- 7534 Upholsterers and Related Workers
- 7535 Pelt Dressers, Tanners and Fellmongers
- 7536 Shoemakers and Related Workers
- 754 Other Craft and Related Workers
  - 7541 Underwater Divers
  - 7542 Shotfirers and Blasters
  - 7543 Product Graders and Testers (excluding Foods and Beverages)
  - 7544 Fumigators and Other Pest and Weed Controllers
  - 7549 Craft and Related Workers Not Elsewhere Classified

## **8 Plant and Machine Operators and Assemblers**

### **81 Stationary Plant and Machine Operators**

- 811 Mining and Mineral Processing Plant Operators
  - 8111 Miners and Quarriers
  - 8112 Mineral and Stone Processing Plant Operators
  - 8113 Well Drillers and Borers and Related Workers
  - 8114 Cement, Stone and Other Mineral Products Machine Operators
- 812 Metal Processing and Finishing Plant Operators
  - 8121 Metal Processing Plant Operators
  - 8122 Metal Finishing, Plating and Coating Machine Operators
- 813 Chemical and Photographic Products Plant and Machine Operators
  - 8131 Chemical Products Plant and Machine Operators
  - 8132 Photographic Products Machine Operators
- 814 Rubber, Plastic and Paper Products Machine Operators
  - 8141 Rubber Products Machine Operators
  - 8142 Plastic Products Machine Operators
  - 8143 Paper Products Machine Operators
- 815 Textile, Fur and Leather Products Machine Operators
  - 8151 Fibre Preparing, Spinning and Winding Machine Operators
  - 8152 Weaving and Knitting Machine Operators
  - 8153 Sewing Machine Operators
  - 8154 Bleaching, Dyeing and Fabric Cleaning Machine Operators
  - 8155 Fur and Leather Preparing Machine Operators
  - 8156 Shoemaking and Related Machine Operators
  - 8157 Laundry Machine Operators
  - 8159 Textile, Fur and Leather Products Machine Operators Not Elsewhere Classified
- 816 Food and Related Products Machine Operators
  - 8160 Food and Related Products Machine Operators
- 817 Wood Processing and Papermaking Plant Operators
  - 8171 Pulp and Papermaking Plant Operators
  - 8172 Wood Processing Plant Operators
- 818 Other Stationary Plant and Machine Operators
  - 8181 Glass and Ceramics Plant Operators
  - 8182 Steam Engine and Boiler Operators
  - 8183 Packing, Bottling and Labelling Machine Operators
  - 8189 Stationary Plant and Machine Operators Not Elsewhere Classified

**82 Assemblers**

- 821 Assemblers
  - 8211 Mechanical Machinery Assemblers
  - 8212 Electrical and Electronic Equipment Assemblers
  - 8219 Assemblers Not Elsewhere Classified

**83 Drivers and Mobile Plant Operators**

- 831 Locomotive Engine Drivers and Related Workers
  - 8311 Locomotive Engine Drivers
  - 8312 Railway Brake, Signal and Switch Operators
- 832 Car, Van and Motorcycle Drivers
  - 8321 Motorcycle Drivers
  - 8322 Car, Taxi and Van Drivers
- 833 Heavy Truck and Bus Drivers
  - 8331 Bus and Tram Drivers
  - 8332 Heavy Truck and Lorry Drivers
- 834 Mobile Plant Operators
  - 8341 Mobile Farm and Forestry Plant Operators
  - 8342 Earthmoving and Related Plant Operators
  - 8343 Crane, Hoist and Related Plant Operators
  - 8344 Lifting Truck Operators
- 835 Ships' Deck Crews and Related Workers
  - 8350 Ships' Deck Crews and Related Workers

**9 Elementary Occupations**

**91 Cleaners and Helpers**

- 911 Domestic, Hotel and Office Cleaners and Helpers
  - 9111 Domestic Cleaners and Helpers
  - 9112 Cleaners and Helpers in Offices, Hotels and Other Establishments
- 912 Vehicle, Window, Laundry and Other Hand Cleaning Workers
  - 9121 Hand Launderers and Pressers
  - 9122 Vehicle Cleaners
  - 9123 Window Cleaners
  - 9129 Other Cleaning Workers

**92 Agricultural, Forestry and Fishery Labourers**

- 921 Agricultural, Forestry and Fishery Labourers
  - 9211 Crop Farm Labourers
  - 9212 Livestock Farm Labourers
  - 9213 Mixed Crop and Livestock Farm Labourers
  - 9214 Garden and Horticultural Labourers
  - 9215 Forestry Labourers
  - 9216 Fishery and Aquaculture Labourers

**93 Labourers in Mining, Construction, Manufacturing and Transport**

- 931 Mining and Construction Labourers
  - 9311 Mining and Quarrying Labourers
  - 9312 Civil Engineering Labourers
  - 9313 Building Construction Labourers

- 932      Manufacturing Labourers
  - 9321      Hand Packers
  - 9329      Manufacturing Labourers Not Elsewhere Classified
- 933      Transport and Storage Labourers
  - 9331      Hand and Pedal Vehicle Drivers
  - 9332      Drivers of Animal-drawn Vehicles and Machinery
  - 9333      Freight Handlers
  - 9334      Shelf Fillers
- 94      Food Preparation Assistants**
  - 941      Food Preparation Assistants
    - 9411      Fast Food Preparers
    - 9412      Kitchen Helpers
- 95      Street and Related Sales and Services Workers**
  - 951      Street and Related Services Workers
    - 9510      Street and Related Services Workers
  - 952      Street Vendors (excluding Food)
    - 9520      Street Vendors (excluding Food)
- 96      Refuse Workers and Other Elementary Workers**
  - 961      Refuse Workers
    - 9611      Garbage and Recycling Collectors
    - 9612      Refuse Sorters
    - 9613      Sweepers and Related Labourers
  - 962      Other Elementary Workers
    - 9621      Messengers, Package Deliverers and Luggage Porters
    - 9622      Odd-job Persons
    - 9623      Meter Readers and Vending-machine Collectors
    - 9624      Water and Firewood Collectors
    - 9629      Elementary Workers Not Elsewhere Classified

## **0      Armed Forces Occupations**

- 01      Commissioned Armed Forces Officers**
  - 011      Commissioned Armed Forces Officers
    - 0110      Commissioned Armed Forces Officers
- 02      Non-commissioned Armed Forces Officers**
  - 021      Non-commissioned Armed Forces Officers
    - 0210      Non-commissioned Armed Forces Officers
- 03      Armed Forces Occupations, Other Ranks**
  - 031      Armed Forces Occupations, Other Ranks
    - 0310      Armed Forces Occupations, Other Ranks