# STRUCTURED CODE LIST

# INTERNATIONAL STANDARD CLASSIFICATION OF OCCUPATIONS [ISCO]

**GHANA STATISTICAL SERVICE** 

AUGUST 2010

# **GROUP TITLES AND CODES**

Code	Major Group	Page
0	Armed forces occupations	1
1	Managers	2
2	Professionals	9
3	Technicians and associate professionals	27
4	Clerical support workers	44
5	Service and sales workers	48
6	Skilled agricultural, forestry and fishery workers	55
7	Craft and related trades workers	58
8	Plant and machine operators, and assemblers	72
9	Elementary occupations	80

### Major groups, sub-major groups, minor groups and unit groups

### 0 Armed forces occupations

### 01 Commissioned armed forces officers

### 011 Commissioned armed forces officers

0110	Commissioned armed forces officers
0110	Admiral
0110	Air commodore
0110	Air marshal
0110	Brigadier (army)
0110	Captain (air force)
0110	Captain (navy)
0110	Colonel (army)
0110	Field marshal
0110	Flying officer (military)
0110	General (army)
0110	Group captain (air force)
0110	Lieutenant (army)
0110	Lieutenant, flight
0110	Major (army)
0110	Midshipman
0110	Naval officer (military)
0110	Navy commander
0110	Officer cadet (armed forces)
0110	Second lieutenant (army)
0110	Squadron leader
0110	Sub-lieutenant (navy)
0110	Wing commander

### 02 Non-commissioned armed forces officers

### 021 Non-commissioned armed forces officers

0210	Non-commissioned armed forces officers
0210	Boatswain (navy)
0210	Flight sergeant
0210	Sergeant (army)
0210	Sergeant major
0210	Warrant officer

### Major groups, sub-major groups, minor groups and unit groups

### 03 Armed forces occupations, other ranks

### 031 Armed forces occupations, other ranks

0310	Armed forces occupations, other ranks
0310	Airman
0310	Bombardier
0310	Corporal (air force)
0310	Corporal (army)
0310	Coxswain (navy)
0310	Gunner
0310	Infantryman/woman
0310	Paratrooper
0310	Rifleman/woman
0310	Seaman (navy)

### 1 Managers

### 11 Chief executives, senior officers and legislators

### 111 Legislators and senior officials

1111	Legislators
1111	Assemblyman
1111	Assemblywoman
1111	Chief whip
1111	Deputy Ministers
1111	District Chief Executive
1111	Metropolitan Chief Executive
1111	Ministers
1111	Ministers of State
1111	Municipal Chief Executive
1111	Official, legislative
1111	Parliamentarian
1111	President (government)
1111	Regional Minister
1111	Secretary, government/legislative
1111	Vice President
1112	Senior government officials
1112	Accountant-General, government

1112	Administrator, government
1112	Administrator, intergovernmental organisation
	Senior government officials (cont'd.)
1112	Ambassador
1112	Auditor-General, government
1112	Chief Fire Officer
1112	Chief Director (government department)
1112	Commissioner of Customs Excise & Preventive Service (CEPS)
1112	Commissioner of Police
1112	Commissioner of Value Added Tax (VAT)
1112	Commissioner, Internal Revenue Service (IRS)
1112	Director (intergovernmental organization)
1112	Director General of Education
1112	Director of Prisons
1112	Director-General, government administration/regional
1112	Director-General, government department
1112	Director-General, Health Service
1112	Government Statistician
1112	Head of Civil service,
1112	Inspector-General of Police (IGP)
1112	Registrar-General, government
1112	Representative, diplomatic
1112	Representative, embassy
1112	Representative, international organizations eg. UN
1112	Secretary, embassy
1112	Secretary, government administration
1112	Secretary, government administration/deputy
1112	Secretary, government/non-legislative
1112	Under-secretary, government
1112	onder secretary, government
1113	Traditional chiefs and heads of village
1113	Divisional Chief
1113	Paramount Chief
1113	President Regional house of Chiefs
1113	President, National House of Chiefs
1113	Village Chief
1113	Village Headman
1114	Senior officials of special-interest organizations
1114	Assistant Secretary-Special interest groups
1114	General Secretary, Political Party
1114	
1114	Head, National Sports Council National chairman, Political Party
1114	President, Employers Association
1114	President, Employers Association  President, Ghana Football Association
1114	Secretary General Ghana National Association of Teachers (GNAT)

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ma	и у	ı cups,	Jub-IIIu	joi grou	ps,	groups an	u uiiit	groups

1114

112

1114	Secretary General, Red Cross society
1114	Secretary General, Trade Union Congress
Managing	directors and chief executives
1120	Managing directors and chief executives
1120	Chief executive
	Managing directors and chief executives (cont'd.)
1120	Chief Executive, Ghana Chamber of Mines
1120	Chief Executive Officer (CEO), Bank
1120	Governor, Bank of Ghana
1120	Managing director
1120	President, Association of Ghana Industries (AGI)
1120	Regional manager

President, Ghana Employers Association

Secretary General, NAGRAT

### 12 Administrative and commercial managers

1120

1120

### 121 Business services and administration managers

Vice Chancellor

1211	Finance managers
1211	Administration manager
1211	Company secretary
1211	Finance manager
1211	Manager, accounting
1211	Manager, budgeting
1212	Human resource managers
1212	Human resource manager
1212	Industrial relations manager
1212	Personnel manager
1212	Recruitment manager
1213	Policy and planning managers
1213	Administrative officer
1213	Corporate planning manager
1213	Policy manager
1213	Strategic planning manager
1219	Business services and administration managers not elsewhere classified (n.e.c.)

Maior groups	sub-maior o	groups, minor	groups and unit groups
		g  , ,	3

122

1219	Administrative services manager
1219	Cleaning services manager
1219	Corporate services manager Client service administrator
1219 1219	
1219	Estate manager Estate officer
1219	Facilities manager
1219	Purchasing manager
1219	Security company manager
1210	Coounty company manager
Sales, ma	arketing and development managers
1221	Sales and marketing managers
1221	Marketing manager
1221	Retail trade manager
1221	Sales manager
1221	Sales promotion manager
1221	Wholesale Export/Import manager
1221	Wholesale trade manager
1221	Wholesaler of foodstuff (e.g. Tomantoes, maize, plantain,yam)
1221	Wholesaler of Live stock (goat, sheep, cow)
1222	Advertising and public relations managers
	That of the man beautiful to the managere
1222	Advertising manager
1222	Public affairs manager
1222	Public relations manager
1223	Research and development managers
1223	Product development manager
1223	Program manager
1223	Project assistant (eg UNIDO)
1223	Research manager
1220	1.000a.ori managor

# 13 Production and specialized services managers

### 131 Production managers in agriculture, forestry and fisheries

1311	Agricultural and forestry production managers
1311	Forestry manager
1311	Manager, agriculture
1311	Manager, agriculture production and operations
1311	Manager, forestry
1311	Manager, forestry production and operations

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Major groups, sub	-major gro	oups, minor groups and unit groups
	1311	Manager, plantation
	1311	Plantation manager
	4040	A If
	1312	Aquaculture and fisheries production managers
	1312	Aquaculture production manager
	1312	Fishing operations and production manager
	1312	General fishing manager
	1312	Shore captain (fishing)
	1312	Trawler manager
	.0.2	Tramor manage.
132	Manufac	cturing, mining, construction, and distribution managers
	1321	Manufacturing managers
	4004	Manufacturar
	1321	Manufacturer
	1321	Manufacturing manager
	1321	Operations manager (manufacturing)
	1321	Production manager (manufacturing)
	1322	Mining managers
	4000	NP
	1322	Mine manager
	1322	Production manager (mine)
	1322	Production manager (oil and gas extraction)
	1322	Production manager (quarry)
	1322	Quarry manager
	1323	Construction managers
	1323	Construction project manager
	1323	Manager, general construction
	1323	Project builder
	1324	Supply, distribution and related managers
	1324	Distributer of satchet water
	1324	Logistics manager
	1324	Postmaster
	1324	Railway station master
	1324	Supply and distribution manager
	1324	Supply chain manager
	1324	Supply manager
	1324	Supplyer of sand
	1324	Transport company manager
	1324	Warehouse manager

# 133 Information and communications technology service managers

1330	Information and communications technology service managers
1330	Application development manager
1330	Chief information officer
1330	Data operations manager
1330	Data processing manager
1330	ICT development manager
1330	Information systems director
1330	Information technology manager (IT Manager)
1330	Internet service provider
1330	Network manager
Profession	onal services managers
1341	Child care services managers
1341	Child Care Centre Manager
1342	Health services managers
10.10	
1342	Clinical director
1342	Community health care coordinator
1342	Director of nursing
1342	Hospital administrator
1342	Hospital matron
1342	Medical administrator
1342	Principal nursing officer
1343	Aged care services managers
1343	Aged care home director
1343	Community aged care coordinator
	7.0
	Aged care services managers (cont'd.)
1343	Nursing home director
1343	Retirement village coordinator
1344	Social welfare managers
1344	Community centre manager
1344	Family services manager
1344	Housing services manager
1344	Welfare Centre Manager
1345	Education managers
1345	Circuit supervisor
1345	Dean

1345	Director, School
1345	Educationist
1345	Head Teacher
1345	Head, College Faculty
1345	Head, Polytechnic department
1345	Head, University Department
1345	Head, University Faculty
1345	Headmaster
1345	Headmistress
1345	Manager (education)
1345	Principal, College
1345	Principal, University
1346	Financial and insurance services branch managers
1346	Bank manager
1346	Building society manager
1346	Credit union manager,
1346	Insurance agency manager
1349	Professional services managers not elsewhere classified
1349	Archives manager
1349	Art gallery manager
1349	Correctional services manager
1349	Legal service manager,
1349	Library manager
1349	Museum manager
1349	Police superintendent
!4 wat-!	Land other complete managers

#### Hospitality, retail and other services managers 14

#### Hotel and restaurant managers 141

1411	Hotel managers	
1411	Guest-house Manager	
	Hotel managers (cont'd.)	
1411	Hostel manager	
1411	Hotel manager	
1411	Lodging-house manager	
1411	Motel manager	
1411	Youth hostel manager	
1412	Restaurant managers	
1412	Cafe Manager	
1412	Canteen manager	

1412	Catering Manager
1412	Chop bar operator
1412	Drinking bar operator
1412	Restaurant Manager
1412	Self-service restaurant manager

# Major groups, sub-major groups, minor groups and unit groups

142	Retail and	wholesale	trade	managers
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1420	Retail and wholesale trade managers
1420	Grocery manager
1420	Retail manager
1420	Shop manager
1420	Storekeeper/Shopkeeper (with employees)
1420	Supermarket manager
1420	Livestock wholesale manager
1420	Wholesale manager
1420	Supplyer of food stuff (wholesale)

### 143 Other services managers

1431	Sports, recreation and cultural centre managers
1431	Amusement/ theme park manager
1431	Billiards or pool hall manager
1431	Casino manager
1431	Cinema manager
1431	Leisure centre manager
1431	Riding school manager
1431	Sports centre manager
1431	Theatre manager
1439	Services managers not elsewhere classified (n.e.c.)
1439	Camp site manager
1439	Caravan park manager
1439	Conference centre manager
1439	Contact centre manager
1439	Shopping centre manager
1439	Travel agency manager

### 2 Professionals

### 21 Science and engineering professionals

### 211 Physical and earth science professionals

2111	Physicists and astronomers
2111	Astronomer
2111	Medical Physicist
2111	Nuclear Physicist

2111	Physicist
2112	Meteorologists
2112	Climatologist
2112	Hydrometeorologist
2112	Meteorologist
2112	Weather forecaster
2113	Chemists
2113	Chemist
2113	Chemist, detergents
2113	Chemist, dye
2113	Chemist, food
2113	Chemist, glass
2113	Chemist, inorganic
2113	Chemist, leather
2113	Chemist, metallurgical
2113	Chemist, nuclear
2113	Chemist, organic
2113	Chemist, paint
2113	Chemist, petroleum
2113	Chemist, physical
2113	Chemist, plastics
2113	Chemist, polymer
2113	Chemist, quality control
2113	Chemist, rubber
2113	Chemist, textile
2114	Geologists and geophysicists
2114	Geodesist
2114	Geological oceanographer
2114	Geologist
2114	Geomagnetician
2114	Geomorphologist
2114	Geophysical oceanographer
2114	Geophysicist
2114	Micropalaeontologist
2114	Mineralogist
2114	Palaeontologist
2114	Petrologist
2114	Seismologist
2114	Stratigrapher
2114	Volcanologist

#### Mathematicians, actuaries and statisticians 212

	2120	Mathematicians, actuaries and statisticians
	2120	Actuary
	2120	Applied mathematician
	2120	Demographer
	2120	Mathematician
	2120	Operations research analyst
	2120	Pure mathematician
	2120	Statistician
	2120	Statistician
213	Life sci	ence professionals
	2131	Biologists, botanists, zoologists and related professionals
	2131	Animal Behaviourist
	2131	Animal scientist
	2131	Bacteriologist
	2131	Biologist
	2131	Biotechnologist
	2131	Botanist
	2131	Cell Geneticist
	2131	Marine Biologist
	2131	Medical bacteriologist
	2131	Microbiologist
	2131	Molecular Biologist
	2131	Molecular Geneticist
	2131	Pharmaceutical bacteriologist
	2131	Soil bacteriologist
	2131	Toxicologist
	2131	Zoologist
	2132	Farming, forestry and fisheries advisers
	2132	Agricultural adviser
	2132	Agronomist
	2132	Crop research scientist
	2132	Fisheries adviser
	2132	Forestry adviser
	2132	Forestry scientist
	2132	Silviculturist
	2132	Soil scientist
	2133	Environmental protection professionals
	2133	Air Pollution Analyst
	2133	Conservation Officer
	2133	Conservation Scientist
	2133	Ecologist
	2100	LUUIUUIUL

2133 **Environmental Adviser** 

	Environmental protection professionals (cont'd.)
2133	Environmental Auditor
2133	Environmental Consultant
2133	Environmental Research Scientist
2133	Environmental Scientist
2133	Park Ranger
2133	Water Quality Analyst
2.00	Trator Quality railaryor
Enginee	ring professionals (excluding electro technology)
2141	Industrial and production engineers
2141	Industrial efficiency engineer
2141	Industrial engineer
2141	Plant engineer
2141	Production engineer
	1 Toddollon onglinoon
2142	Civil engineers
2142	Civil engineer
2142	Geotechnical engineer
2142	Quantity surveyor
2142	Structural engineer
2143	Environmental engineers
2143	Air pollution control engineer
2143	Environmental analyst
2143	Environmental engineer
2143	Environmental remediation specialist
2144	Mechanical engineers
2144	Aeronautical engineer
2144	Automotive mechanical engineer
2144	Marine architect
2144	Marine engineer
2144	Mechanical engineer
2144	wechanical engineer
2145	Chemical engineers
2145	Chemical engineer
2145	Chemical engineer, petroleum and natural gas
2145	Fuel technologist
2145	Plastics technologist
2145	Refinery process engineer
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2146	Mining engineers, metallurgists and related professionals
2146	Extractive metallurgist
2146	Mining engineer
2146	Petroleum and natural gas engineer
2149	Engineering professionals not elsewhere classified
2149	Biomedical engineer
2149	Explosive ordnance engineer
2149	Marine salvage engineer
2149	Materials engineer
2149	Optical engineer
2149	Safety engineer
Electro	technology engineers
2151	Electrical engineers
2151	Electric power generation engineer
2151	Electrical engineer
2151	Electromechanical engineer
2152	Electronics engineers
<b>2152</b> 2152	Electronics engineers  Computer hardware engineer
	-
2152	Computer hardware engineer
2152 2152	Computer hardware engineer Electronics engineer
2152 2152 2152	Computer hardware engineer Electronics engineer Instrumentation engineer
2152 2152 2152 2153	Computer hardware engineer Electronics engineer Instrumentation engineer  Telecommunications engineers  Broadcast engineer Engineer, radar
2152 2152 2152 2153 2153	Computer hardware engineer Electronics engineer Instrumentation engineer  Telecommunications engineers  Broadcast engineer
2152 2152 2152 2153 2153 2153	Computer hardware engineer Electronics engineer Instrumentation engineer  Telecommunications engineers  Broadcast engineer Engineer, radar
2152 2152 2152 2153 2153 2153 2153	Computer hardware engineer Electronics engineer Instrumentation engineer  Telecommunications engineers  Broadcast engineer Engineer, radar Engineer, radio Engineer, semiconductors Engineer, signal/ systems
2152 2152 2152 2153 2153 2153 2153 2153	Computer hardware engineer Electronics engineer Instrumentation engineer  Telecommunications engineers  Broadcast engineer Engineer, radar Engineer, radio Engineer, semiconductors
2152 2152 2152 2153 2153 2153 2153 2153	Computer hardware engineer Electronics engineer Instrumentation engineer  Telecommunications engineers  Broadcast engineer Engineer, radar Engineer, radio Engineer, semiconductors Engineer, signal/ systems
2152 2152 2152 2153 2153 2153 2153 2153	Computer hardware engineer Electronics engineer Instrumentation engineer  Telecommunications engineers  Broadcast engineer Engineer, radar Engineer, radio Engineer, semiconductors Engineer, signal/ systems Engineer, telecommunications
2152 2152 2152 2153 2153 2153 2153 2153	Computer hardware engineer Electronics engineer Instrumentation engineer  Telecommunications engineers  Broadcast engineer Engineer, radar Engineer, radio Engineer, semiconductors Engineer, signal/ systems Engineer, telecommunications Engineer, telegraph
2152 2152 2152 2153 2153 2153 2153 2153	Computer hardware engineer Electronics engineer Instrumentation engineer  Telecommunications engineers  Broadcast engineer Engineer, radar Engineer, radio Engineer, semiconductors Engineer, signal/ systems Engineer, telecommunications Engineer, telegraph Engineer, telephone
2152 2152 2152 2153 2153 2153 2153 2153	Computer hardware engineer Electronics engineer Instrumentation engineer  Telecommunications engineers  Broadcast engineer Engineer, radar Engineer, radio Engineer, semiconductors Engineer, signal/ systems Engineer, telecommunications Engineer, telephone Engineer, television Technologist, engineering/ electronics Technologist, engineering/ telecommunications
2152 2152 2152 2153 2153 2153 2153 2153	Computer hardware engineer Electronics engineer Instrumentation engineer  Telecommunications engineers  Broadcast engineer Engineer, radar Engineer, radio Engineer, semiconductors Engineer, signal/ systems Engineer, telecommunications Engineer, telephone Engineer, television Technologist, engineering/ electronics

#### **Building architects**

2161 2161	Building architect Interior architect
2162	Landscape architects
2162	Landscape architect
2163	Product and garment designers
2163	Costume designer
2163	Fashion designer
2163	Furniture designer
2163	Industrial designer
2163	Jewellery designer
2163	Textile designer
2164	Town and traffic planners
2164	Traffic engineer
2164	Land Planner
2164	Town planner
2164	Traffic planner
2164	Urban Planner
2165	Cartographers and surveyors
2165	Aerial surveyor
2165	Cadastral Surveyor
2165	Cartographer
2165	Geodesic surveyor
2165	Hydrographic surveyor
2165	Land surveyor
2165	Map maker
2165	Marine cartographer
2165	Mine surveyor
2165	Photogrammetrist
2166	Graphic and multimedia designers
2166	Advertising illustrator
2166	Animator
2166	Book illustrator
2166	Digital artist
2166	Graphic designer
2166	Illustrator
2166	Multimedia designer
2166	Poster designer

2166 Publication designer Web designer 2166

#### 22 **Health professionals**

#### 221 **Medical doctors**

2211	Generalist medical practitioners
2211	District medical doctor
2211	Family medical practitioner
2211	General practitioner
2211	Medical doctor (general)
2211	Medical officer (general)
2211	Physician (general)
2211	Primary health care physician
2211	Resident medical officer specializing in general practice
2212	Specialist medical practitioners
2212	Anaesthetist
2212	Cardiologist
2212	Dermatologist
2212	Ear, Nose and Throat specialist
2212	Emergency medicine specialist
2212	Gynaecologist
2212	Neurologist
2212	Obstetrician
2212	Ophthalmologist
2212	Orthopaedic surgeon
2212	Paediatrician
2212	Pathologist
2212	Plastic surgeon
2212	Preventive medicine specialist
2212	Psychiatrist
2212	Radiologist
2212	Resident medical officer in specialist training
2212	Specialist physician (internal medicine)
2212	Surgeon

#### 222 Nursing and midwifery professionals

2221	Nursing professionals
2221	Clinical nurse
2221	District nurse
2221	Nurse anaesthetist

	Intorn	ational Standard Classification of Occupations (ISCO)
Maior groups sub		ational Standard Classification of Occupations (ISCO)  ups, minor groups and unit groups
major groups, sub	major gro	upo, ininor groupo una unit groupo
	2221	Nurse educator
	2221	Nurse practitioner
	2221	Nursing sister
	2221	Professional Nurse
	2221	Public health nurse
	2221	Specialist nurse
	2222	Midwifery professionals
	2222	Professional midwife
223	Tradition	nal and complementary medicine professionals
	2230	Traditional and complementary medicine professionals
	2230	Acupuncturist
	2230	Chinese herbal medicine practitioner
	2230	Homeopath
	2230	Naturopath
	2230	Traditional herbal practictioner
224	Paramed	dical practitioners
	2240	Paramedical practitioners
	2240	Advanced care paramedic
	2240	Clinical officer (paramedical)
	2240	Feldscher
	2240	Primary care paramedic
	2240	Surgical technician
225	Veterina	rians
	2250	Veterinarians
	2250	Animal pathologist
	2250	Veterinarian
	2250	Veterinary epidemiologist
	2250	Veterinary intern
	2250	Veterinary surgeon
226	Other he	ealth professionals
	2261	Dentists

Dental Practitioner Dental Surgeon

Dentist

Endodontist

2261 2261 2261

Inter	national Standard Classification of Occupations (ISCO)
	oups, minor groups and unit groups
2261	Oral and Maxillofacial Surgeon
2261	Oral Pathologist
2261	Orthodontist
2261	Paedodontist
2261	Periodontist
2261	Prosthodontist
2261	Stomatologist
2262	Pharmacists
2262	Dispensing chemist
2262	Hospital pharmacist
2262	Industrial pharmacist
2262	Retail pharmacist
2263	Environmental and occupational health and hygiene professionals
2263	Environmental Health Officer
2263	Occupational Health and Safety Adviser
2263	Occupational Hygienist
2263	Radiation Protection Expert
2264	Physiotherapists
2264	Geriatric physical therapist,
2264	Orthopaedic physical therapist
2264	Paediatric physical therapist,
2264	Physiotherapist
2265	Dieticians and nutritionists
2265	Clinical dietician
2265	Dieticians
2265	Food service dietician
2265	Nutritionist
2265	Public health nutritionist
2265	Sports nutritionist
2266	Audiologists and speech therapists
2266	Audiologist
2266	Language therapist
2266	Speech therapist
2266	Speech pathologist
2267	Optometrists and ophthalmic opticians

Ophthalmic Optician Optometrist

	2267	Orthoptist
	2269	Health professionals not elsewhere classified (n.e.c.)
	2269 2269 2269 2269 2269	Arts therapist Dance and movement therapist Occupational therapist Podiatrist Recreational therapist
Teachi	ng profes	sionals
231 University and higher education teachers		ity and higher education teachers
	2310	University and higher education teachers
	2310	Higher education lecturer
	2310 2310 2310	University and higher education teachers (cont'd.) Professor University Lecturer University Tutor
232	Vocatio	nal education teachers
	2320	Vocational education teachers
	2320 2320 2320	Automotive technology instructor Cosmetology instructor Vocational education teacher
233 Secondary ed		ary education teachers
	2330	Secondary education teachers
	2330 2330 2330 2330 2330	Junior High School teacher Junior Secondary School teacher Secondary School teacher Senior High School teacher Senior Secondary School teacher
234	Primary	school and early childhood teachers
	2341	Primary school teachers
	2341	Primary school teacher
	2342	Early childhood educators

# International Standard Classification of Occupations (ISCO) Major groups, sub-major groups, minor groups and unit groups

2342	Early childhood educator
2342	Kindergarten teacher
2342	Nursery teacher
2342	Pre-school teacher
Other tea	ching professionals
2351	Education methods specialists
2351	Curriculum coordinator
2351	Curriculum developer
2351	Education methods specialist
2351	School inspector
2351	Teaching aids specialist
2351	Project officer-education
2352	Special needs teachers
2352	Learning Disabilities Special Education Teacher
2352	Learning support teacher
	Special needs teachers (cont'd.)
2352	Remedial teacher
2352	Teacher of gifted children
2352	Teacher of speech impaired
2352	Teacher of the hearing impaired
2352	Teacher of the sight impaired
2353	Other language teachers
2353	Intensive language teacher
2353	Migrant education teacher
2353	Practical language teacher
2353	Second language teacher
2354	Other music teachers
2354	Guitar teacher (private tuition)
2354	Piano teacher (private tuition)
2354	Singing teacher (private tuition)
2354	Violin teacher (private tuition)
2355	Other arts teachers
2355	Dance teacher (private tuition)
2355	Drama teacher (private tuition)
2355	Painting teacher (private tuition)
2355	Sculpture teacher (private tuition)
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	2356	Information technology trainers
	2356	Computer trainer
	2356	Software trainer
	2359	Teaching professionals not elsewhere classified (n.e.c.)
	2359	Literacy tutor (private tuition)
	2359 2359	Mathematics coach (private tuition) School counselor
Busin	ess and a	dministration professionals
241	Finance	e professionals
	2411	Accountants
	2411	Accountant
	2411	Auditor
	2411	Chartered accountant
	2411	Certified accountant
	2411	Financial controller
	2411	Accountants (cont'd.)
	2411	Management accountant Tax accountant
	2411	Tax accountant
	2412	Financial and investment advisers
	2412	Estate planner
	2412	Financial planner
	2413	Financial analysts
	2413	Bond analyst
	2413	Investment consultant
	2413	Securities consultant
	2413	Stock analyst
242	Admini	stration professionals
	2421	Management and organization analysts
	2421	Business consultant
	2421	Management consultant
	2421	Organization and methods analyst
	2422	Policy administration professionals

	2422	Intelligence officer
	2422	Policy analyst
	2422	Political adviser
	2423	Personnel and careers professionals
	2423	Careers adviser,
	2423	Job analyst
	2423	Occupational analyst
	2423	Vocational guidance counsellor
	2424	Training and staff development professionals
	2424	Training officer
	2424	Workforce development specialist
243	Sales, r	marketing and public relations professionals
	2431	Advertising and marketing professionals
	2431	Advertising specialist
	2431	Market research analyst
	2431	Marketing specialist
	2432	Public relations professionals
	2432	Public affairs officer
	2432	Public relations officer
	2433	Technical and medical sales professionals (excluding ICT)
	2433	Sales representative (industrial products)
	2433	Sales representative (medical and pharmaceutical products)
	2433	Technical sales representative
	2434	Information and communications technology sales professionals
		Sales representative (computers)
		Sales representative (communication technology)
Inform	nation and	communications technology professionals
251	Softwa	re and applications developers and analysts
	2511	Systems analysts
	2511	Business analyst (IT)
	2511	Communications analyst (computers)
	2511	Computer scientist

international Standard Classification of Occupations (1900)			
Major groups, sub-	major groน	ips, minor groups and unit groups	
	0544	Customa consultant	
	2511 2511	Systems consultant Systems designer (IT)	
	2011	Systems designer (11)	
	2512	Software developers	
	2512	Dragrammer english	
	2512	Programmer analyst	
	2512 2512	Software designer Software developer	
	2512 2512	·	
	2312	Software engineer	
	2513	Web and multimedia developers	
	2513	Animation programmer	
	2513	Computer games programmer	
	2513	Internet developer	
	2513	Multimedia programmer	
	2513	Website architect	
	2513	Website developer	
	_0.0		
	2514	Applications programmers	
	2514	Applications programmer	
	2519	Software and applications developers and applyate	
	2019	Software and applications developers and analysts not elsewhere classified (n.e.c.)	
		not elsewhere classified (n.e.c.)	
	2519	not elsewhere classified (n.e.c.)  Quality assurance analyst (computers)	
	2519 2519	not elsewhere classified (n.e.c.)  Quality assurance analyst (computers) Software tester	
	2519	not elsewhere classified (n.e.c.)  Quality assurance analyst (computers)	
252	2519 2519 2519	not elsewhere classified (n.e.c.)  Quality assurance analyst (computers) Software tester	
252	2519 2519 2519	not elsewhere classified (n.e.c.)  Quality assurance analyst (computers) Software tester Systems tester	
252	2519 2519 2519 <b>Database</b> <b>2521</b>	not elsewhere classified (n.e.c.)  Quality assurance analyst (computers) Software tester Systems tester and network professionals  Database designers and administrators	
252	2519 2519 2519 <b>Database</b> <b>2521</b>	not elsewhere classified (n.e.c.)  Quality assurance analyst (computers) Software tester Systems tester and network professionals  Database designers and administrators  Data administrator	
252	2519 2519 2519 <b>Database</b> <b>2521</b> 2521 2521	not elsewhere classified (n.e.c.)  Quality assurance analyst (computers) Software tester Systems tester and network professionals  Database designers and administrators  Data administrator Database administrator	
252	2519 2519 2519 <b>Database</b> <b>2521</b> 2521 2521 2521	not elsewhere classified (n.e.c.)  Quality assurance analyst (computers) Software tester Systems tester and network professionals  Database designers and administrators  Data administrator Database administrator Database analyst	
252	2519 2519 2519 <b>Database</b> <b>2521</b> 2521 2521	not elsewhere classified (n.e.c.)  Quality assurance analyst (computers) Software tester Systems tester and network professionals  Database designers and administrators  Data administrator Database administrator	
252	2519 2519 2519 <b>Database</b> <b>2521</b> 2521 2521 2521	not elsewhere classified (n.e.c.)  Quality assurance analyst (computers) Software tester Systems tester and network professionals  Database designers and administrators  Data administrator Database administrator Database analyst	
252	2519 2519 2519 <b>Database</b> <b>2521</b> 2521 2521 2521 2521	not elsewhere classified (n.e.c.)  Quality assurance analyst (computers) Software tester Systems tester and network professionals  Database designers and administrators  Data administrator Database administrator Database analyst Database architect	
252	2519 2519 2519 <b>Database</b> <b>2521</b> 2521 2521 2521 2521 2521	not elsewhere classified (n.e.c.)  Quality assurance analyst (computers) Software tester Systems tester and network professionals  Database designers and administrators  Data administrator Database administrator Database analyst Database architect  Systems administrators	
252	2519 2519 2519 2519 <b>Database</b> 2521 2521 2521 2521 2521 2522 2522	not elsewhere classified (n.e.c.)  Quality assurance analyst (computers) Software tester Systems tester and network professionals  Database designers and administrators  Data administrator Database administrator Database analyst Database architect  Systems administrators  Network administrator	

2529

Database and network professionals not elsewhere classified

2529	Digital forensic specialist
2529	Security specialist (ICT)

#### Legal, social and cultural professionals

261 Legal professionals	3
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2611	Lawyers
2611	Attorney
2611	Barrister
2611	Lawyer
2611	Prosecutor
2611	Solicitor
2612	Judges
2612	Chief justice
2612	Judge
2612	Magistrate
2619	Legal professionals not elsewhere classified
2619	Coroner
2619	Jurist (except lawyer or judge)
2619	Notary
Librarian	s, archivists and curators
2621	Archivists and curators
2621	Archivist
2621	Art gallery curator
2621	Museum curator
2621	Records manager
2622	Librarians and related information professionals
2622	Bibliographer
2622	Cataloguer
2622	Librarian
Social ar	nd religious professionals
2631	Economists
2631	Econometrician
2631	Economic Adviser
2631	Economic Analyst
2631	Economist

Labour Economist

2632	Sociologists, anthropologists and related professionals
2632	Anthropologist
2632	Archaeologist
2632	Ethnologist
2632	Geographer
2632	Sociologist
2633	Philosophers, historians and political scientists
2633	Genealogist
2633	Historian
2633	Philosopher
2633	Political scientist
2634	Psychologists
2634	Clinical Psychologist
2634	Educational Psychologist
2634	Organizational Psychologist
2634	Psychotherapist
2634	Sports psychologist
2635	Social work and counselling professionals
2635	Addictions counsellor
	Social work and counselling professionals (cont'd.)
2635	Bereavement counsellor
2635	Child and youth counsellor
2635	Family counsellor
2635	Marriage counsellor
2635	Parole officer
2635	Probation officer
2635	Social worker
2635	Welfare officer (V.A.G.)
2635	Womenos welfare organizer
2636	Religious professionals
2636	Imam
2636	Minister, religion
2636	Priest
2636	Rahhi

#### Authors, journalists and linguists 264

2641	Authors and related writers
2641	Author
2641	Book editor
2641	Dramatist
2641	Essayist
2641	Interactive media writer
2641	Novelist
2641	Playwright
2641	Poet
2641	Proofreader
2641	Script editor
2641	Script writer
2641	Short story writer
2641	Speech writer
2641	Technical writer
2641	Writer
2641	Writer, drama
2642	Journalists
2642	Columnist
2642	Commentator, media
2642	Commentator, news
2642	Commentator, sports
2642	Copy editor
2642	Critic, art
2642	Critic, book
2642	Critic, drama
2642	Critic, film
	Journalists (cont'd.)
2642	Critic, Literary
2642	Critic, Music
2642	Journalist
2642	Newspaper editor
2642	Newspaper reporter
2642	Reporter
2642	Sports writer
2642	Sub editor
2642	TV / radio news reporter
2643	Translators, interpreters and other linguists
2643	Interpreter
2643	Lexicographer
2643	Philologist

265

2643	Sign language interpreter
2643	Subtitler
2643	Translator
2643	Translator-reviser
Creative	and performing artists
2651	Visual artists
2651	Artists
2651	Cartoonist
2651	Ceramic artist
2651	Commercial artist
2651	Picture restorer
2651	Portrait painter
2651	Sculptor
2652	Musicians, singers and composers
2652	Band leader
2652	Composer
2652	Drummer
2652	Instrumentalist
2652	Music conductor
2652	Night club musician
2652	Night club singer
2652	Orchestrator
2652	Organist
2652	Singer
2652	Song writer
2652	Sound technician
2652	Street musician
2652	Street singer
2653	Dancers and choreographers
2653	Ballet Dancer
2653	Choreographer
	Dancers and choreographers (cont'd.)
2653	Night-club dancer
2653	Street dancer
2654	Film, stage and related directors and producers
2654	Director of photography
2654	Documentary director

Film editor

Motion picture director

2654

# Major groups, sub-major groups, minor groups and unit groups

2654 2654 2654	Stage director Technical director Technical television or radio director
2654	Theatre producer
2655	Actors
2655	Actor
2655	Mime artist
2655	Story-teller
2656	Announcers on radio, television and other media
2656	News anchor
2656	Radio announcer
2656	Sports announcer
2656	Television announcer
2659	Creative and performing artists not elsewhere classified (n.e.c.)
2659	Acrobat
2659	Aerialist
2659	Clown
2659	Hypnotist
2659	Magician
2659	Puppeteer
2659	Stand-up comedian
2659	Ventriloquist

# 3 Technicians and associate professionals

### 31 Science and engineering associate professionals

### 311 Physical and engineering science technicians

3111	Chemical and physical science technicians
3111	Chemistry technician
	Chemical and physical science technicians
3111	Geology technician
3111	Meteorology technician
3111	Physics technician
3112	Civil engineering technicians
3112	Building inspector
3112	Clerk of Works
3112	Civil engineering technician

3112 3112 3112 3112	Fire inspector Geotechnical technician Studio engineer (civil engineering technicians) Surveying technician
3113	Electrical engineering technicians
3113 3113	Electrical engineering technician Electric power transmission engineering technician
3114	Electronics engineering technicians
3114 3114 3114 3114 3114 3114 3114 3114	Estimator, engineering/ electronics Inspector, quality/ electronic products Studio engineer (electronics engineering technician) Technician, engineering/ aerospace Technician, engineering/ computer hardware design Technician, engineering/ electronics Technician, engineering/ instrumentation Technician, engineering/ semiconductors
3115	Mechanical engineering technicians
3115 3115 3115 3115	Aeronautics engineering technician Marine engineering technician Mechanical engineering technician Mechanical engineering estimator
3116	Chemical engineering technicians
3116 3116 3116	Chemical engineering estimator Chemical engineering technician Petroleum engineering technician
3117	Mining and metallurgical technicians
3117 3117 3117 3117	Acidiser, oil and gas well Cementer, oil and gas wells Shooter, oil and gas wells Technician anginesting/industrial officiency
3117 3117 3117	Technician, engineering/ industrial efficiency Technician, engineering/ industrial layout Technician, engineering/ methods Technician, engineering/ mining
3117 3117 3117 3117	Technician, engineering/ mining (diamonds) Technician, engineering/ mining (metal) Technician, engineering/ mining (petroleum and natural gas) Technician, engineering/ planning
3117 3117	Technician, engineering/ production Technician, engineering/ safety

3117 3117 3117	Technician, engineering/ systems (except computers) Technician, engineering/ time and motion study Technician, engineering/ value
3117	Technician, engineering/ value Technician, engineering/ work study
3117	Technician, metallurgy/ assaying
3117	Technician, metallurgy/ extractive
3117	Technician, metallurgy/ foundry
3117	Technician, metallurgy/ physical
3117	Technician, metallurgy/ radioactive (minerals)
3117	Technician, quantity/ surveying
3117	Treater, well acidising
3118	Draughtspersons
3118	Draughtsperson
3118	Draughtsperson, architectural
3118	Draughtsperson, cartographical
3118	Draughtsperson, die
3118	Draughtsperson, engineering
3118	Draughtsperson, engineering/ aeronautical
3118	Draughtsperson, engineering/ civil
3118	Draughtsperson, engineering/ electrical
3118	Draughtsperson, engineering/ electronics
3118	Draughtsperson, engineering/ heating and ventilation systems
3118	Draughtsperson, engineering/ marine
3118	Draughtsperson, engineering/ mechanical
3118 3118	Draughtsperson, engineering/ structural Draughtsperson, geological
3118	Draughtsperson, jig and tool
3118	Draughtsperson, lithographic
3118	Draughtsperson, technical
3118	Draughtsperson, topographical
3118	Illustrator, engineering
3118	Illustrator, technical
3119	Physical and engineering science technicians not elsewhere classified (n.e.c.)
3119	Engineering technician (production)
3119	Engineering technician, systems (except computers)
3119	Engineering technician, work study
	Physical and engineering science technicians (cont'd.)
3119	Engineering technician, geological survey
3119	Fire investigator
3119	Forensic science technician
3119	Industrial layout Technician
3119	Methods Technician
3119	Industrial efficiency Technician

	IIICIIIC	titorial Startaard Stassification of Scoapations (1888)
Major groups,	sub-major grou	ıps, minor groups and unit groups
	3119	Planning Technician
	3119	Quantity surveying technician (building)
	3119	Robotics technician
	3119	Safety Technician
	3119	Time and motion study technician
	3119	Value Technician
31	2 Mining, n	nanufacturing and construction supervisors
	3121	Mining supervisors
	3121	Mine deputy
	3121	Mine supervisor
	3121	Mine under-manager
	3121	Quarry supervisor
	3122	Manufacturing supervisors
	3122	Area co-ordinator, manufacturing
	3122	Assembly supervisor
	3122	Foreman / woman, assembly
	3122	Finishing supervisor
	3122	Production supervisor, manufacturing
	3123	Construction supervisors
	3123	Building construction supervisor
	3123	Site manager (construction)
31	3 Process	control technicians
	3131	Power production plant operators
	3131	Distribution control operator
	3131	Electric power plant operator
	3131	Generating station operator
	3131	Hydroelectric power plant operator
	3131	Nuclear power plant operator
	3131	Power system operator
	3131	Solar power plant operator
	3132	Incinerator and water treatment plant operators
	3132	Furnace operator (refuse disposal)
	3132	Incinerator operator
	3132	Liquid waste process operator
		Incinerator and water treatment plant operators (cont'd.)
	3132	Pumping-station operator (incinerator and water treatment plant)
	- · • <del>-</del>	- 1 3 comment of comments (missing said mater a comment plant)

3132	Sewage plant operator
3132	Tender, water dam
3132	Waste water operator
3132	Water treatment plant operator
3132	Water purification plant operator
3133	Chemical processing plant controllers
3133	Chemical process technician
3133	Chemical-filtering and separating equipment operator
3133	Chemical-heat-treating-plant operator
3133	Chemical-still and reactor operator
3134	Petroleum and natural gas refining plant operators
3134	Gas plant operator
3134	Operator, blender/petroleum and natural gas refining (ethyl)
3134	Operator, paraffin plant
3134	Operator, still/petroleum and natural gas refining
3134	Petroleum process operator
3134	Pumping station operator (petroleum and natural gas)
3134	Refinery operator (petroleum and gas)
3134	Refinery process technician
3135	Metal production process controllers
2425	Plant furnace energter
3135	Blast furnace operator Central control caster
3135	
3135	Metal processing control operator
3135	Rolling mill control operator
3139	Process control technicians not elsewhere classified (n.e.c.)
3139	Machine-operator, cardboard production
3139	Machine-operator, chipping/wood
3139	Machine-operator, coating/paper
3139	Machine-operator, grinding/wood
3139	Machine-operator, papermaking
3139	
	Machine-operator papermaking/back end
3130	Machine-operator, papermaking/wet end
3139	Machine-operator, papermaking/wet end
3139	Machine-operator, papermaking/wet end Machine-operator, pulping/wood
3139 3139	Machine-operator, papermaking/wet end Machine-operator, pulping/wood Operator, beater/paper pulp
3139 3139 3139	Machine-operator, papermaking/wet end Machine-operator, pulping/wood Operator, beater/paper pulp Operator, bleacher/paper
3139 3139 3139 3139	Machine-operator, papermaking/wet end Machine-operator, pulping/wood Operator, beater/paper pulp Operator, bleacher/paper Operator, boiler/paper pulp
3139 3139 3139 3139 3139	Machine-operator, papermaking/wet end Machine-operator, pulping/wood Operator, beater/paper pulp Operator, bleacher/paper Operator, boiler/paper pulp Operator, chipper/paper pulp
3139 3139 3139 3139 3139 3139	Machine-operator, papermaking/wet end Machine-operator, pulping/wood Operator, beater/paper pulp Operator, bleacher/paper Operator, boiler/paper pulp Operator, chipper/paper pulp Operator, combiner/paper production
3139 3139 3139 3139 3139 3139 3139	Machine-operator, papermaking/wet end Machine-operator, pulping/wood Operator, beater/paper pulp Operator, bleacher/paper Operator, boiler/paper pulp Operator, chipper/paper pulp Operator, combiner/paper production Operator, control-panel/paper-making
3139 3139 3139 3139 3139 3139	Machine-operator, papermaking/wet end Machine-operator, pulping/wood Operator, beater/paper pulp Operator, bleacher/paper Operator, boiler/paper pulp Operator, chipper/paper pulp Operator, combiner/paper production

3139	Operator, paper-pulp plant
3139	Operator, refinery/paper pulp
3139	Operator, screener/paper pulp
3139	Operator, supercalender
3139	Press-operator, hardboard

314	l ife sci	ence technicians and related associate professionals
014		·
	3141	Life science technicians (excluding medical)
	3141	Bacteriology technician
	3141	Biochemistry technician
	3141	Herbarium technician
	3141	Pharmacology technician
	3141	Serology technician
	3141	Tissue culture technician
	3141	Zoology technician
	3142	Agricultural technicians
	3142	Agronomy technician
	3142	Dairy Technician
	3142	Field Crop Technical Officer
	3142	Floriculture technician
	3142	Herd Tester
	3142	Horticultural Technical Officer
	3142	Poultry Technical Officer
	3142	Soil science technician
	3143	Forestry technicians
	3143	Forestry technician
	3143	Silviculture technician
315	Ship an	d aircraft controllers and technicians
	3151	Ships' engineers
	3151	Ships' Engineer
	3152	Ships' deck officers and pilots
	3152	Captain, port
	3152	Captain, ship/inland waterways
	3152	Captain, ship/sea
	3152	Field coordinator(shipping)
	3152	Master, ship/inland waterways
	3152	Master, ship/sea
	3152	Officer, ship/deck
	3152	Officer, ship/navigation
	3152	Ships' deck officers and pilots (cont'd.) Pilot hovercraft

Pilot, ship

Shipmate

3152

		Interna	ational Standard Classification of Occupations (ISCO)
Major gro	ups, sub-		ups, minor groups and unit groups
		3152	Skipper, yacht
		3152	Superintendent, marine/deck
		3153	Aircraft pilots and related associate professionals
			,
		3153	Captain, aircraft
		3153	Engineer, flight
		3153	Instructor, flying
		3153	Navigator, flight
		3153	Pilot, aircraft
		3153	Pilot, check
		3153	Pilot, helicopter
		3153	Pilot, seaplane
		3153	Pilot, test
		3153	Test-pilot, aircraft
		3154	Air traffic controllers
		3154	Air traffic controller
		3154	Operator, air traffic control equipment
		3155	Air traffic safety electronics technicians
		3155	Air traffic safety engineer
		3155	Air traffic safety technician
32	Health	associate	professionals
	321	Medical	and pharmaceutical technicians
		3211	Medical imaging and therapeutic equipment technicians
		3211 3211 3211 3211 3211 3211 3211 3211	Operator, audiometric equipment Operator, electrocardiograph equipment Operator, electroencephalograph equipment Operator, medical radiography equipment Operator, medical ultrasound Operator, medical X-ray equipment Operator, scanning equipment Operator, scanning equipment/optical

3212

3212

3212 3212 3212

3212

Blood-bank technician

Proceter (Mortuary man)

Cytology technician Medical laboratory technician Pathology technician

Medical and pathology laboratory technicians

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ivia	JUI	group	JS,	sub-ma	JOI 9	yroup	JS,	IIIIIIIII	yroup.	s anu	um	grou	$\mu$ s

3213	Pharmaceutical technicians and assistants
3213	Pharmaceutical assistant
3213	Pharmaceutical technician
0210	Tharmaceatical technician
3214	Medical and dental prosthetic technicians
3214	Fitter, artificial limb
3214	Maker, artificial limb
3214	Maker, brace/ orthopaedic
3214	Maker, dental/ prosthesis
3214	Maker, orthopaedic/ appliance
3214	Maker, surgical/ appliance
3214	Mechanic, dental
3214	Repairer, dental/ prosthesis
3214	Repairer, orthopaedic/ appliance
3214	Repairer, surgical/ appliance
3214	Technician, prosthetic
Nursing	and midwifery associate professionals
3221	Nursing associate professionals
3221	Assistant nurse
3221	Associate professional nurse
3221	Enrolled nurse
3221	Practical nurse
3222	Midwifery associate professionals
3222	Assistant midwife
3222	Traditional midwife
3222	Traditional Birth Attendant (TBA) (Trained)
Traditio	nal and complementary medicine associate professionals
3230	Traditional and complementary medicine associate professionals
3230	Bonesetter
3230	Herbalist
3230	Scraping and cupping therapist
3230	Village healer
3230	Wanzam
Veterina	ary technicians and assistants
3240	Veterinary technicians and assistants
3240	Artificial inseminator

### International Standard Classification of Occupations (ISCO)

Major groups, sub-major groups, minor groups and unit groups					
	3240	Veterinary assistant			
	3240	Veterinary nurse			
	3240	Veterinary vaccinator			
325	Other h	ealth associate professionals			
	3251	Dental assistants and therapists			
	3251	Dental assistant			
	3251	Dental hygienist			
	3251				
	3231	Dental therapist			
	3252	Medical records and health information technicians			
	3252	Clinical coder			
	3252	Disease registry technician			
	3252	Health information clerk			
	3252	Medical records analyst			
	3252	Medical records clerk			
	3252	Medical records technician			
	3232	Medical records technician			
	3253	Community health workers			
	3253	Community health aide			
	3253	Community health nurse			
	3253	Community health promoter			
	3253	Community health worker			
		· · · · · · · · · · · · · · · · · · ·			
	3253	Village health worker			
	3254	Dispensing opticians			
	3254	Contact lens optician			
	3254	Dispensing optician			
	3255	Physiotherapy technicians and assistants			
	3255	Acupressure therapist			
	3255	Electrotherapist			
	3255	Hydrotherapist			
	3255	Massage therapist			
	3255	Physical rehabilitation technician			
	3255	Physiotherapy technician			
	3255	Shiatsu therapist			
	3256	Medical assistants			
	3256	Clinical assistant			
	3256	Medical assistant			
	3256	Onhthalmic assistant			

	3257	Environmental and occupational health inspectors and associates
	3257	Field technician, disease surveillance/control
	3257	Food sanitation and safety inspector
	3257	Health inspector
	3257	Occupational health and safety inspector
	3257	Sanitarian
	3257	Sanitary inspector
	3258	Ambulance workers
	3258	Ambulance officer
	3258	Ambulance paramedic
	3258	Emergency medical technician
	3258	Emergency paramedic
	3259	Health associate professionals not elsewhere classified
	3259	Chiropractor
	3259	Osteopath
Busines	ss and adr	ministration associate professionals
331	Financia	l and mathematical associate professionals
331	Financial	I and mathematical associate professionals Securities and finance dealers and brokers
331		Securities and finance dealers and brokers
331	3311	·
331	<b>3311</b> 3311	Securities and finance dealers and brokers  Foreign exchange broker
331	<b>3311</b> 3311 3311	Securities and finance dealers and brokers  Foreign exchange broker Foreign exchange dealer
331	<b>3311</b> 3311 3311 3311	Securities and finance dealers and brokers  Foreign exchange broker Foreign exchange dealer Securities broker
331	3311 3311 3311 3311 3311	Securities and finance dealers and brokers  Foreign exchange broker Foreign exchange dealer Securities broker Stocks and shares broker
331	3311 3311 3311 3311 3311 3312	Securities and finance dealers and brokers  Foreign exchange broker Foreign exchange dealer Securities broker Stocks and shares broker  Credit and loans officers
331	3311 3311 3311 3311 3311 3312	Securities and finance dealers and brokers  Foreign exchange broker Foreign exchange dealer Securities broker Stocks and shares broker  Credit and loans officers  Loan officer
331	3311 3311 3311 3311 3312 3312 3312	Securities and finance dealers and brokers  Foreign exchange broker Foreign exchange dealer Securities broker Stocks and shares broker  Credit and loans officers  Loan officer Mortgage officer
331	3311 3311 3311 3311 3312 3312 3312 3313	Securities and finance dealers and brokers  Foreign exchange broker Foreign exchange dealer Securities broker Stocks and shares broker  Credit and loans officers  Loan officer Mortgage officer  Accounting associate professionals
331	3311 3311 3311 3311 3312 3312 3312 3313 3313	Securities and finance dealers and brokers  Foreign exchange broker Foreign exchange dealer Securities broker Stocks and shares broker  Credit and loans officers  Loan officer Mortgage officer  Accounting associate professionals  Bookkeeper
331	3311 3311 3311 3311 3312 3312 3313 3313	Securities and finance dealers and brokers  Foreign exchange broker Foreign exchange dealer Securities broker Stocks and shares broker  Credit and loans officers  Loan officer Mortgage officer  Accounting associate professionals  Bookkeeper  Statistical, mathematical and related associate professionals

	3315	Valuers and loss assessors
	3315	Appraiser
	3315	Claims assessor
	3315	Claims inspector
	3315	Insurance assessor
	3315	Real estate appraiser
	3315	Valuer
332	Sales ar	nd purchasing agents and brokers
	3321	Insurance representatives
	3321	Insurance agent
	3321	Insurance broker
	3321	Insurance underwriter
	3322	Commercial sales representatives
	3322	After-sales service adviser
	3322	Canvasser
	3322	Commercial traveller
	3323	Buyers
	3323	Buyer
	3323	Procurement officer
	3323	Purchasing agent
	3323	Purchasing merchandiser
	3323	Supply officer
	3324	Trade brokers
	3324	Commodities broker
	3324	Commodity futures dealer
	3324	Shipping broker
333	Busines	s services agents
	3331	Clearing and forwarding agents
	3331	Clearing agent
	3331	Forwarding agent
	3331	Shipping agent
	3332	Conference and event planners
	3332	Conference and event organizer
	3332	Conference planner

Interi	national Standard Classification of Occupations (ISCO)
Major groups, sub-major gro	oups, minor groups and unit groups
3332	Event planner
3332	Programme Initiator
3332	Wedding planner
3333	Employment agents and contractors
3333	Employment agent
3333	Job placement officer
3333	Labour contractor
3334	Real estate agents and property managers
2224	Estate agent
3334	Estate agent
3334	Property agent
3334	Property Manager
3334	Real estate agent
3334	Realtor
3334	Salesperson (real estate)
3339	Business services agents not elsewhere classified
3339	Advertising salesperson
3339	Auctioneer (cars)
3339	Auctioneer (livestock)
3339	Auctioneer (property)
3339	Literary agent
3339	Musical performance agent
3339	Sports agent
3339	Theatrical agent
	strative and specialized secretaries
3341	Office supervisors
3341	Clerical supervisor
3341	•
	Data entry supervisor
3341	Filing clerks supervisor
3341	Personnel clerks supervisor
3342	Legal secretaries
3342	Legal practice manager
3342	Legal secretary
3343	Administrative and executive secretaries
3343	Administrative secretary
3343	Correspondence assistant
3343	Court reporter
00 TO	

		tional Standard Classification of Occupation
wajor groups, sub-m	iajor grou	ips, minor groups and unit groups
;	3343	Executive assistant
;	3343	Personal assistant
;	3344	Medical secretaries
;	3344	Hospital billing secretary
;	3344	Hospital ward secretary
;	3344	Medical insurance officer
;	3344	Medical office administrative assistant
;	3344	Medical practice manager
;	3344	Medical secretary
;	3344	Medical stenographer
;	3344	Medical transcriptionist
;	3344	Pathology secretary
;	3344	Patient care secretary
335	Regulato	ry government associate professionals
:	3351	Customs and border inspectors
;	3351	Border inspector
;	3351	Customs inspector
;	3351	Customs officer
;	3351	Immigration officer
;	3351	Passport checking officer
;	3352	Government tax and excise officials
;	3352	Excise officer
	3352	Revenue collector
	3352	Tax officer
	3352	Taxation inspector
	3352	Valued Added Tax (VAT) inspector
;	3352	Valued Added Tax (VAT) officer
;	3353	Government social benefits officials
;	3353	Pensions officer
	3353	Social benefits officer
	3353	Social security claims officer

3354

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3354

3354

**Government licensing officials** 

Building permit (licensing) officer

Business permit (licensing) officer

Licensing officer (VELD)

Passport officer (issuing)

	3355	Police inspectors and detectives
	3355	Police detective
	3355	Police inquiry agent
	3355	Police inspector
		•
	3359	Regulatory government associate professionals not elsewhere classified (n.e.c.)
	3359	Agricultural inspector
	3359	Fisheries inspector
	3359	Forestry inspector
	3359	Prices inspector
	3359	Wage inspector
	3359	Weights and measures inspector
Legal, s	ocial, cult	ural and related associate professionals
341	Legal, so	cial and religious associate professionals
	3411	Legal and related associate professionals
	3411	Bailiff
	3411	Conveyancing clerk
	3411	Court clerk
	3411	Judge's clerk
	3411	Justice of the peace
	3411	Law clerk
	3411	Legal assistant
	3411	Paralegal
	3411	Private detective
	3411	Title searcher
	3412	Social work associate professionals
	3412	Community development worker
	3412	Community service worker
	3412	Crisis intervention worker
	3412	Disability services officer
	3412	Family service worker
	3412	Life skills instructor
	3412	Mental health worker
		Social work associate professionals (cont'd.)
	3412	Social welfare officer
	3412	Welfare support worker
	3412	Women's shelter supervisor
	3412	Youth worker

3413	Religious associate professionals
3413	Faith healer
3413	Lay preacher
3413	Malam
3413	Monk
3413	Nun
Sports ar	nd fitness workers
•	
3421	Athletes and sports players
3421	Athlete
3421	Boxer
3421	Chess player
3421	Footballer
3421	Golfer
3421	Hockey player
3421	Jockey
3421	Poker player
3421	Race driver
3421	Skier
3421	Tennis player
3421	Wrestler
3422	Sports coaches, instructors and officials
_	Referee
_	Ski instructor
_	Sports coach
	Sports official
3422	Swimming instructor
3423	Fitness and recreation instructors and program leaders
3423	Aerobics instructor
	Fitness instructor
	Horse riding instructor
	Outdoor adventure guide
	Personal trainer
	Sailing instructor
	Underwater diving instructor
	ultural and culinary associate professionals
	·
3431	Photographers
3431	Aerial photographer
	3413 3413 3413 3413 3413 3413 3413 3413

3431	Commercial photographer
3431	Industrial photographer
3431	Photo - journalist
3431	Photographers
3431	Portrait photographer
3431	Scientific photographer
0.0.	Scientinio priotograprio.
3432	Interior designers and decorators
3432	Display decorator
3432	Interior decorator
3432	Interior decorator-wedding
3432	Interior designer
3432	Set designer
3432	Window dresser
3432	Visual merchandiser
3433	Gallery, museum and library technicians
3433	Gallery technician
3433	Library technician
3433	Museum technician
3433	Taxidermist
3434	Chefs
3434	Chef
3434	Executive chef
3434	Head chef
3434	Pastry chef
3434	Saucier
3434	Sous-chef
3435	Other artistic and cultural associate professionals
3435	Body artist
3435	Floor manager (broadcasting)
3435	Lighting technician
3435	Program co-ordinator (broadcasting)
3435	Prompter
3435	Property master (broadcasting)
3435	Script-girl/boy
3435	Special effects technician
3435	Stage manager
3435	Stage technician
3435	Stunt co-ordinator
3435	Stunt artist
3435	Tattooist
-	Theatre technician

35

	3435 3435	Theatrical dresser Walker-on
Inform	nation and	communications technicians
351	Informa technic	ation and communications technology operations and user support ians
	3511	Information and communications technology operations technicians
	3511	Computer operator
	3511	Computer peripheral equipment operator
	3511	High-speed computer printer operator
	3512	Information and communications technology user support technicians
	3512	Computer database assistant
	3512	Computer engineering assistant
	3512	Computer help desk operator
	3512	Computer programming assistant
	3512	Computer systems analysis assistant
	3512	Internet cafe attendant
	3513	Computer network and systems technicians
	3513	Computer network technician
	3513	Network support technician
	00.0	Total outport to a minute.
	3514	Web technicians
	3514	Webmaster
	3514	Website administrator
	3514	Website technician
352	Telecor	mmunications and broadcasting technicians
	3521	Broadcasting and audio-visual technicians
	3521	Audio-visual operator
	3521	Broadcasting equipment operator
	3521	Broadcast technician
	3521	Cameraman/woman (motion picture)
	3521	Cameraman/woman (video)
	3521	Production assistant (media)

3522

Telecommunications engineering technicians

Engineering technician (telecommunications) 3522

4 Clerica	I support workers
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41 G	eneral a	nd kevho	oard clerks

#### 411 General office clerks

4110	General office clerks
4110	General office clerk
4110	Office clerk

#### 412 Secretaries (general)

4120	Secretaries (general)
4120	Secretary
4120	Typing secretary
4120	Word-processing secretary

### 413 **Keyboard operators**

4131	Typists and word processing operator
4131	Shorthand typist
4131	Stenographer
4131	Typist
4131	Word processor
4132	Data entry clerks
4132	Data entry operator
4132	Data input clerk
4132	Payment entry clerk

#### 42 **Customer services clerks**

### 421 Tellers, money collectors and related clerks

4211	Bank tellers and related clerks
4211	Bank teller
4211 4211	Money changer Post office counter clerk
4211	Susu collector
4212	Bookmakers, croupiers and related gaming workers
4212	Bookmaker

interr	iational Standard Classification of Occupations (15	
Major groups, sub-major groups, minor groups and unit groups		
4212	Croupier	
4212	Lotto forecaster	
4212	Lotto receiver	

### 4213 Pawnbrokers and money-lenders

Lotto writers or vendor

4213	Money-lender
4213	Pawnbroker

4212

### 4214 Debt-collectors and related workers

4214	Clerk, bills
4214	Collector, charity
4214	Collector, debt
4214	Collector, payment
4214	Collector, rent
4214	Susu collectors

### 422 Client information workers

4221	Travel consultants and clerks
4221	Clerk, ticket issuing/travel
4221	Clerk, travel agency
4221	Clerk, travel/airlines
4221	Consultant, travel
4221	Travel agent (booking of flights)
4221	Organizer, travel
4222	Contact centre information clerks
4222	Administrator (client services)
4222	Customer contact centre information clerk
4223	Telephone switchboard operators
4223	Answering service operator
4223	Telephone Switchboard-operator
4224	Hotel receptionists
4224	Hotel front desk clerk
4224	Hotel receptionist
4225	Enquiry clerks
4225	Counter enquiries clerk
4225	Information clerk

JS, SUD-	illajoi grot	ips, milior groups and unit groups
	4226	Receptionists (general)
	4226	Medical office receptionist
	4226	Receptionist, office
	4227	Survey and market research interviewers
	4227	Census Enumerator
	4227	Market research interviewer
	4227	Public opinion interviewer
	4227	Research interviewwer
	4227	Survey interviewer
	4229	Client information workers not elsewhere classified
	4229	Hospital admissions clerk
	4229	Eligibility interviewer
	4229	Eligibility specialist
Numeri	cal and ma	aterial recording clerks
431	Numerica	al clerks
	4311	Accounting and bookkeeping clerks
	4311	Accounts clerk
	4311	Bookkeeping clerk
	4311	Cost computing clerk
	4312	Statistical, finance and insurance clerks
	4312	Actuarial clerk
	4312	Brokerage clerk
	4312	Finance clerk
	4312	Insurance clerk
	4312	Securities clerk
	4312	Statistical clerk
	4312	Tax clerk
	4313	Payroll clerks
	4313	Wages clerk
432	Material-ı	recording and transport clerks
	4321	Stock clerks
	4321	Dispatch clerk (stock)
	4321	Freight clerk

4321 4321 4321	Stock clerk Storeroom clerk Weighing clerk
4322	Production clerks
4322 4322	Production clerk Schedule clerk (materials)
4323	Transport clerks
4323	Bookman (transport)
4323	Clerical controller (transport service)
4323	Clerical dispatcher (transport service)
4323	Station master (transport)

### Other clerical support workers 44

### Other clerical support workers 441

4411	Library clerks
4411	Library Clerk
4411	Library Filler
4411	Clerk, Book-Loan
4411	Clerk, Cassification
4411	Clerk, Index
4411	Clerk, Library Acquisition
4412	Mail carriers and sorting clerks
4412	Mail clerk
4412	Post carrier
4412	Postman/woman
4413	Coding, proof-reading and related clerks
4413	Coding clerk
4413	Proof reading clerk
4414	Scribes and related workers
4414	Scribe
4415	Filing and copying clerks
4415	Copying clerk
4415	Filing clerk

1416	Personnel clerks
1416 1416	Human resource assistant Human resource clerk
1419	Clerical support workers not elsewhere classified (n.e.c.)
1419	Advertising clerk
1419	Correspondence clerk
1419	Directory compiler
1419	Publication clerk
1419	Press clipper

#### Service and sales workers 5

#### 51 Personal service workers

### 511 Travel attendants, conductors and guides

5111	Travel attendants and travel stewards
5111	Air hostess
5111	Airport attendant
5111	Flight attendant
5111	Ship steward
5111	Ship stewardess
5112	Transport conductors
5112	Bus conductor
5112	Cable car conductor
5112	Drivers mate
5112	Ticket inspector (public transport)
5112	Train conductor
5112	Tram conductor
5112	Trotro mate
5113	Travel guides
5113	Art gallery guide
5113	Tour escort

512	Cooks	
	5120	Cooks
	5120 5120 5120 5120 5120 5120	Caterer Cook Cook chop bar Cook, hotels Cook, private households Cook, ships
513	Waiters a	and bartenders
	5131	Waiters
	5131	Waiter
	5132	Bartenders
	5132	Bartender
514	Hairdres	sers, beauticians and related workers
	5141	Hairdressers
	5141 5141 5141 5141	Barber Hair care specialist Hairdresser/Beautician Hairstylist
	5142	Beauticians and related workers
	5142 5142 5142 5142 5142 5142	Bath attendant Beautician Make-up artist Manicurist Pedicurist Slimming consultant
515	Building	and housekeeping supervisors
	5151	Cleaning and housekeeping supervisors in offices hotels and other establishments
	5151 5151 5151 5151	Housekeeper (hotel) Housekeeping (office) Housekeeping supervisor (hotel & restaurant) Matron (housekeeping)

5152	Domestic housekeepers
5152	Bed and breakfast operator
5152	Butler
5152	Domestic Housekeeper
5153	Building caretakers
5153	Caretaker
5153	Concierge (building)
5153	Janitor
5153	Sexton
Other per	sonal services workers
5161	Astrologers, fortune-tellers and related workers
5161	Astrologer
5161	Fortune-teller
5161	Numerologist
5161	Palmist
5162	Companions and valets
5162	Companion
5162	Companion, lady's
5162	Companion, man,s
5162	Manserservant
5162	Personal maid
5162	Valet
5163	Undertakers and embalmers
5163	Embalmer
5163	Funeral attendant
5163	Funeral director
5163	Mortician
5163	Undertaker
5163	Undertakers assistant
5164	Pet groomers and animal care workers
5164	Dog trainer
5164	Horse breaker
5164	Veterinary aid
5164	Zoo keeper
- · - ·	

	5165	Driving instructors
		-
	5165	Driving instructor
	5169	Personal services workers not elsewhere classified (n.e.c.
	5169	Social escort
	5169	Club host
	5169	Club hostess
	5169	Dancing partner
	5169	Commercial sex workers
Sales	workers	
521	Street a	and market salespersons
	5211	Stall and market salespersons
	5211	Cassava seller (market)
	5211	Cloth seller
	5211	Fresh fish seller (market)
	5211	Fried fish seller (market)
	5211	Fruit seller
	5211	Kiosk salesperson
	5211	Koobi seller
	5211	Market sales person
	5211	Market stallholder
	5211	Market vendor
	5211	Orange seller (market)
	5211	Plantain seller (market)
	5211	Sale of live birds
	5211	Sale of livestock
	5211	Sale of Units and Phone Cards
	5211	Sale of secondhand clothes
	5211	Satchet water seller
	5211	Seller of wood products (Plywood, rough wood etc.)
	5211	Smoked fish seller (market)
	5211	Street stall sales assistant
	5211	Tomato seller
	5211	Vegetable seller
	5211	Yam seller (market)
	5212	Street food salespersons
	5212	Cooked food street vendor
	5212	Hawker (food)
	5212	Un-cooked food street vendor
	5212	Purewater/ice block sellers

Street food vendor

	5212	Tea seller
522	Shop s	alespersons
	5221	Shop keepers
	5221	Grocer
	5221	Newsagent
	5221	Shopkeeper
	5222	Shop supervisors
	5222	Checkout supervisor
	5222	Supermarket supervisor
	5223	Shop sales assistants
	5223	Marketing personnel
	5223	Salesperson (retail establishment)
	5223	Salesperson (wholesale establishment)
	5223	Shop assistant/Shop attendant
	5223	Shop sales assistant
523	Cashie	rs and ticket clerks
	5230	Cashiers and ticket clerks
	5230	Checkout operator
	5230	Service station console operator
	5230	Store Cashier
	5230	Ticket issuing clerk (entertainment and sporting events)
524	Other s	ales workers
	5241	Fashion and other models
	5241	Advertising model
	5241	Artist's model
	5241	Fashion model
	5242	Sales demonstrators
	5242	Demonstrator
	5242	Sales merchandiser
	5243	Door to door salespersons
	5243	Door to door salesperson
	5243	Door to door sales representative

5243

Party plan salesperson

5244	Contact centre salespersons
5244	Call centre salesperson,
5244	Customer contact centre salesperson,
5244	Internet salesperson
5244	Phone cards/Units sales person
5244	Telemarketer
5244	Telemarketing salesperson
5245	Service station attendants
5245	Marina attendant
5245	Service station attendant
5245	Fuel station attendants
5246	Food service counter attendants
5246	Cafeteria counter attendant
5246	Salad bar attendant
5249	Sales workers not elsewhere classified (n.e.c.)
5249	Bookman (e.g. GPRTU; PROTOA)
5249	Rental salesperson
5249	Seller of pipe borne water at home
5249	Seller of cloth (on credit)

### 53 Personal care workers

#### 531 Child care workers and teachers' aides

5311	Child care workers
5311 5311 5311 5311 5311 5311	Baby-sitter Child care worker Creche ayah Family day care worker Nanny Out of school hours care worker
5312	Teachers' aides
5312 5312	Pre-school assistant Teacher's assistant

532	Personal	care	workers	in	health	service
<b>53</b> 2	Personai	care	workers	ın	neaith	serv

5321	Health care assistants
5321	Birth assistant (clinic or hospital)
5321	Nursing aide (clinic or hospital)
5321	Patient care assistant
5321	Psychiatric aid
5322	Home-based personal care workers
5322	Home birth assistant
5322	Home care aide
5322	Nursing aide (home)
5322	Personal care provider
5329	Personal care workers in health services not elsewhere classified (n.e.c.)
5329	Dental aid
5329	First-aid attendant
5329	Hospital orderly
5329	Medical imaging assistant
5329	Pharmacy aid
5329	Phlebotomist
5329	Sterilization aid

### 54 **Protective services workers**

#### 541 **Protective services workers**

5411	Fire-fighters
5411 5411 5411	Firefighter Forest firefighter Safety officer (fire fighting services)
5412	Police officers
5412 5412 5412	Police Constable Police officer Police patrol officer
5413	Prison guards
5413	Prison guard

### Major groups, sub-major groups, minor groups and unit groups

5414	Security guards
5414	Bodyguard
5414	Doorkeeper
5414	Museum guard
5414	Security man / guard
5414	Security patrolman/woman
5414	Watchman/woman
5419	Protective services workers not elsewhere classified (n.e.c.)
J <del>T</del> 13	1 Totective services workers not elsewhere classified (inc.c.)
5419	Animal control officer
	•
5419	Animal control officer
5419 5419	Animal control officer Beach patrolman/woman
5419 5419 5419	Animal control officer Beach patrolman/woman Crossing guard
5419 5419 5419 5419	Animal control officer Beach patrolman/woman Crossing guard Game warden

### 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
6111	Cereal farmer
6111	Corn farmer
6111	Cotton farmer
6111	Maize farmer
6111	Other vegetable growers
6111	Pepper
6111	Rice farmer
6111	Skilled farm worker (field crops)
6111	Sugar-cane grower
6111	Tomatoes farmer
6112	Tree and shrub crop growers
6112	Banana farmer
6112	Cashew farmer
6112	Cocoa farmer
6112	Coffee farmer
6112	Electric pole farmer
6112	Fruit farmer
6112	Mango farmer

Ма	ior	grou	ps.	sub-ma	ior	group	os, i	minor	grou	ps	and	unit (	groui	ps
٠.	, -	J - 1	/		, - ,	J	,	_	J - 1		-		,	

6112	Orange farmer
6112	Pawpaw farmer
6112	Pineapple farmer
6112	Rubber farmer
6112	Rubber tapper
6113	Gardeners, horticultural and nursery growers
6113	Horticulturist
6113	Floriculturist
6113	Landscape gardener
6113	Market gardener
6113	Mushroom cultivator
6114	Mixed crop growers
6114	Mixed crop farmer
6114	Skilled farm worker (mixed crops)
Animal pr	oducers
6121	Livestock and dairy producers
6121	Cattle farmer
6121	Dairy farmer
6121	Dog breeder
6121	Drover Goat farmer
6121 6121	Horse breeder
6121	Shearer
6121	Sheep farmer
6121	Shepherd
6121	Stockman/woman
6122	Poultry producers
6122	Poultry breeder
6122	Poultry farmer
6122	Poultry tender
6123	Apiarists and sericulturists
6123	Apiarist
6123	Beekeeper
6123	Sericulturist
6123	Silkworm raiser
6129	Animal producers not elsewhere classified
6129	Crocodile farmer

	International Standard Classification of Occupations (ISCO)				
Major gro	ups, sub	-major gro	oups, minor groups and unit groups		
		6129	Fur farmer (non-domesticated animals)		
		6129	Game bird breeder		
		6129	Ostrich farmer		
		6129	Snail breeder		
	613	Mixed cr	rop and animal producers		
		6130	Mixed crop and animal producers		
		6130	Farmer (mixed crop and animal)		
		6130	Skilled farm worker (crop and animal producers)		
		0100	Onlined faith Worker (Grop and arithmal producers)		
62	Market	t-oriented	skilled forestry, fishery and hunting workers		
	621	Forestry	and related workers		
		6210	Forestry and related workers		
		6210	Charcoal burner		
		6210	Logger		
		6210	Logging climber		
		6210	Skilled forestry worker		
		6210	Timber cruiser		
		6210	Tree feller		
	622	Fishery	workers, hunters and trappers		
		6221	Aquaculture workers		
		6221	Algae cultivator		
		6221	Fish farmer		
		6221	Fish pond worker		
		6221	Oyster farmer		
		6221	Seafood farmer		
		6221	Skilled fish farm worker		
		6221	Skilled seafood farm worker		
		6222	Inland and coastal waters fishery workers		
			·		
		6222	Coastal fishery skipper		
		6222	Fisherman/woman (coastal waters)		
		6222	Fisherwoman/man (inland waters)(rivers, lakes, streams)		
		6223	Deep-sea fishery workers		
		6223	Deep sea fisherman/woman		
		6223	Trawler skipper		

**Hunters and trappers** 

### Major groups, sub-major groups, minor groups and unit groups

Hunter

6224

63

	6224 6224	Seal hunter Whale hunter
Subsis	tence farm	ners, fishers, hunters and gatherers
631	Subsiste	nce crop farmers
	6310	Subsistence crop farmers
	6310	Subsistence crop farmer
632	Subsiste	nce livestock farmers
	6320	Subsistence livestock farmers
	6320	Subsistence cattle farmer
633	Subsiste	nce mixed crop and livestock farmers
	6330	Subsistence mixed crop and livestock farmers
634	Subsiste	nce fishers, hunters, trappers and gatherers
	6340	Subsistence fishers, hunters, trappers and gatherers
	6340 6340	Hunter-gatherer Subsistence collector

### 7 Craft and related trades workers

- 71 Building and related trades workers, excluding electricians
  - 711 Building frame and related trades workers

7111	House builders
7111	House Builder
7112	Bricklayers and related workers
7112 7112 7112 7112	Blocklayer Bricklayer Chimney builder Refractory bricklayer

7113	Stonemasons, stone cutters, splitters and carvers
7113	Granite Cutter
7113	Stone Carver
7113	Stone Cracker
7113	Stone Cutter
7114	Concrete placers, concrete finishers and related workers
7114	Block maker
7114	Cement finisher
7114	Concrete placer
7114	Terrazzo worker
7114	Tellazzo worker
7115	Carpenters and joiners
7115	Canoe builder
7115	Carpenter
7115	Construction Carpenter
7115	Finish Carpenter
7115	Framer
7115	Joiner
7115	Ships Carpenter
7115	Shipwright (wood)
7115	Theatre Carpenter
7113	meatre Carpenter
7119	Building frame and related trades workers not elsewhere classified (n.e.c.)
7119	Scaffolder
	Building frame and related trades workers not elsewhere classified (n.e.c.)(cont'd.)
7119	Skilled demolition worker
7119	Steeplejack
Building	finishers and related trades workers
7121	Roofers
7121	Asphalt Roofer
7121 7121	Metal Roofer
7121	Roof fixer
7121	Slate Roofer
7121	Thatcher
7121	Tile Roofer
7122	Floor layers and tile setters

### International Standard Classification of Occupations (ISCO)

Major	groups,	sub-maj	jor grou	ps, minor	groups and	unit groups

7122	Carpet layer
7122	Marble setter
7122	Parquetry worker
7122	Tile setter
7123	Plasterers
7123	Fibrous Plasterer
7123	Ornamental Plasterer
7123	Plasterer
7123	Solid Plasterer
7123	Stucco Plasterer
7124	Insulation workers
7124	Acoustic insulation worker
7124	Boiler and pipe Insulation worker
7124	Insulation Installer
7124	Insulation worker
7124	Refrigeration and air-conditioning equipment Insulation worker
7125	Glaziers
7125	Autoglazier
7125	Glazier
7125	Roofing glazier
7125	Vehicle glazier
7126	Plumbers and pipe fitters
7126	Drain technician
7126	Pipe fitter
7126	Pipe layer
7126	Plumber
7127	Air conditioning and refrigeration mechanics
7127	Air-conditioning equipment mechanic / air- condition installers
7127	Air conditioner installers
7127	Air conditioner repairers
7127	Car-air conditioner installer/repairer
7127	Fridge repairer
7127	Refrigeration mechanic
7127	Vehicle air conditioning repairs
	<b>5</b> ,

### 713 Painters, building structure cleaners and related trades workers

### 7131 Painters and related workers

7131	<b>Building painter</b>
7131	Paperhanger
7131	Wall paper hanger

Major	aroups.	sub-major	aroups.	minor	arouns	and	unit	aroups
major	gi Gups,	Jub IIIujui	gi caps,		groups	ullu	uiii	gioups

Metal,

721

7132	Spray painters and varnishers
7132	Car sprayer
7132	Manufactured articles painter
7132	Varnisher
7132	Vehicle painter
	·
7133	Building structure cleaners
7133	Building exteriors cleaner
7133	Chimney sweep
7133	Sandblaster (building exteriors)
machiner	ry and related trades workers
Sheet a	and structural metal workers, moulders and welders, and related workers
7211	Metal moulders and coremakers
7211	Coremaker
7211	Metal casting moulder
7211	Metal pot maker
7212	Welders and flamecutters
7212	Brazier
7212	Flame cutter
7212	Welder
7213	Sheet-metal workers
7213	Boilersmith
7213	Coppersmith
7213	Sheet-metal worker
7213	Tinsmith
7214	Structural-metal preparers and erectors
7214	Erector, structural metal
7214	Preparer, structural metal
7214	Riveter
7214	Steel bender
7215	Riggers and cable splicers
7215	Cable and rope splicer
7215	Rigger
7215	Ship rigger
7215	Theatrical rigger

	7215	Tower rigger						
722	Blacks	Blacksmiths, toolmakers and related trades workers						
	7221	Blacksmiths, hammersmiths and forging press workers						
	7221	Blacksmith						
	7221	Drop-hammer worker						
	7221	Forging press worker						
	7221	Hammersmith						
	7222	Toolmakers and related workers						
	7222	Die maker						
	7222	Gunsmith						
	7222	Jig maker						
	7222	Locksmith						
	7222	Patternmaker						
	7222	Toolmaker						
	7223	Metal working machine tool setters and operators						
	7223	Boring machine operator						
	7223	Machine tool operator						
	7223	Machine tool setter						
	7223	Machine tool setter-operator						
	7223	Metal turner						
	7224	Metal polishers, wheel grinders and tool sharpeners						
	7224	Knife sharpener						
	7224	Metal finisher						
	7224	Metal polisher						
	7224	Tool grinder						
723	Machin	ery mechanics and repairers						
	7231	Motor vehicle mechanics and repairers						
	7231	Automotive brakes systems service technician						
	7231	Diesel fitter (road transport)						
	7231	Engine fitter (motor vehicle)						
	7231	Garage mechanic						
	7231	Motor vehicle engine and fuel systems service technician						
	7231	Motor vehicle mechanic						
	7231	Motor vehicle mechatronics service technician						

Motor vehicle repairer

Motorcycle mechanic

Motor vehicle service technician

7231

7231

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ivia	JUI	group	JS,	sub-ma	JOI 9	yroup	JS,	IIIIIIIII	yroup.	s anu	um	grou	$\mu$ s

	7231	Small engine mechanic
	7232	Aircraft engine mechanics and repairers
	7232	Aircraft engine fitter
	7232	Aircraft maintenance fitter (engines)
	7232	Aircraft maintenance fitter (airframes)
	7232	Aircraft maintenance supervisor
	7232	Aircraft mechanic
	7232	Aircraft restorer
	7232	Aircraft service technician
	7232	Airframe and power plant mechanic
	7232	Airframe mechanic
	7232	Aviation maintenance technician,
	7232	Helicopter mechanic
	7232	Jet engine mechanic
	7232	Pneudraulic systems mechanic (aircraft)
	7232	Powerplant mechanic (aircraft)
	7232	Rocket engine component mechanic
	7233	Agricultural and industrial machinery mechanics and repairers
	7233	Construction machinery mechanic e.g. bulldozer mechanic
	7233	Construction machinery repairer
	7233	Farm machinery repairer
	7233	Hydrolic mechanic
	7233	Mining machinery fitter
	7233	Mining machinery repairer
	7233	Stationary engine repairer
	7233	Train engine fitter
	7233	Train engine repairer
	7234	Bicycle and related repairers
	7234	Bicycle mechanic
	7234	Bicycle repairer
	7234	Perambulator repairer
	7234	Wheelchair repairer
Handicr	aft and pri	nting workers
731	Handicraf	t workers
	7311	Precision-instrument makers and repairers
	7311	Camera repairer
	7311	Dental instrument repairer
	7311	Instrument/meteorological maker
	7311	Optical instrument repairer

7311	Orthopaedic appliance maker
7311	Photographic equipment repairer
7311	Scientific instrument repairer
7311	Surgical instrument repairer
7311	Watch maker
7311	Watch repairer
7312	Musical instrument makers and tuners
7312	Brass instrument repairer
7312	Drums maker
7312	Flute maker
7312	Guitar repairer
7312	Percussion musical instrument repairer
7312	Piano tuner
7312	String musical instrument repairer
7312	Stringed instrument maker
7312	Wind musical instrument repairer
7312	Woodwind instrument maker
7312	Xylophone maker
7313	Jewellery and precious-metal workers
7313	Enameller, jewellery
7313	Engraver jewellery/precious metalware
7313	Gem setter
7313	Goldsmith
7313	Jeweller
7313	Jeweller, designer
7313	Precious Metalware
7313	Silversmith
7314	Potters and related workers
7314	Abrasive Wheel Moulder
7314	Potter
7314	Pottery and porcelain caster
7314	Pottery and porcelain modeller
7315	Glass makers, cutters, grinders and finishers
7315	Glass blower
7315	Glass cutter
7315	Glass finisher
7315	Glass grinder
7316	Sign writers, decorative painters, engravers and etcher
7316	Decorative painter

7316	Glass enameller
7316	Glass engraver
7316	Glass etcher
7316	Sign-writer
7317	Handicraft workers in wood, basketry and related materials
7317	Bamboo furniture maker
7317	Basket maker
7317	Brush maker
7317	Cane weaver
7317	Mortar and Pestle maker
7317	Reed weaving handicraft worker
7317	Stone articles handicraft worker
7317	Wicker furniture maker
7317	Wood carver by hand
7317	Wooden articles handicraft worker
7317	Wreath maker
7318	Handicraft workers in textile, leather and related materials
7318	Batik maker
7318	Carpet weaver
7318	Carpets handicraft worker
7318	Fugu weaver
7318	Kente Cloth weaver
7318	Knitter
7318	Leather Handicraft worker
7318	Loom threader
7318	Textile fibre comber
7318	Textile fibre drawer
7318	Textile fibre rover
7318	Textiles handicraft worker
7318	Thread and yarn spinner
7318	Tie and dye maker
7318	Weaver cloth
7319	Handicraft workers not elsewhere classified
7319	Metal toymaker
7319	Straw
7319	Toy maker
Printing t	rades workers

#### 732

### **Pre-press technicians** 7321

Compositor 7321 Desktop publishing operator 7321

7321 7321 7321 7321 7321	Electronic pre-press technician, Plate maker (printing) Plate mounter (screen printing) Screen maker (pre-press technician) Typesetter
7322	Printers
7322	Block printer
7322	Digital press operator
7322	Feeder operator (printing)
7322	Flexographic press operator
7322	Gravure press operator
7322	Large sheet-fed press operator
7322	Screen printer
7322	Screen printing press operator
7322	Small press operator
7322	Web press operator
7323	Print finishing and binding workers
7323	Book binder
7323	Collator operator
7323	Cutter operator
7323	Foil Stamp operator
7323	Folder operator
7323	Gatherer operator
7323	Multibinder operator
7323	Perfect binder operator
7323	Saddle stitch operator
7323	Small machine bindery worker
	Cinal macrimo bindery werker

#### 74 **Electrical and electronic trades workers**

#### 741 Electrical equipment installers and repairers

7411	Building and related electricians
7411 7411 7411	Electrician (building installation) Electrician Electrician (maintenance/repair)
7412	Electrical mechanics and fitters
7412	Aircraft eclectrician
7412	Builder armature
7412	Electrical generator fitter
7412	Electrical mechanic
7412	Lift mechanic

Major groups, su	b-maior groups	. minor aroups	and unit groups
		, 3	J

**75** 

7511

Koobi maker

		1 , 0 1
	7412	Motor vehicle electrician (auto electrician)
	7413	Electrical line installers and repairers
	7413	Electric cable jointer
	7413	Electric power line worker
742	Electro	nics and telecommunications installers and repairers
	7421	Electronics mechanics and servicers
	7421	Aircraft maintenance engineer (avionics)
	7421	Automated teller machines mechanic
	7421	Avionics technician
	7421	Electronic equipment repairer
	7421	Electronic equipment servicer
	7421	Electronics mechanic
	7421	Office machines mechanic
	7421	Photocopy machine technician
	7421	Television repairer
	7422	Information and communications technology installers and servicers
	7422	Communications technician
	7422	Computer equipment fitter
	7422	Data and telecommunications cabler
	7422	Hardware technician
	7422	Mechanic, telegraph
	7422	Mechanic, telephone
	7422	Mobile phone repairers
	7422	Repairer, electronic equipment/radio/television
	7422	Servicer, telegraph
	7422	Telecommunications technician
	7422	Telegraph installer
	7422	Telephone installer
Food	processin	g, wood working, garment and other craft and related trades workers
751	Food p	rocessing and related trades workers
	7511	Butchers, fishmongers and related food preparers
	7511	Butcher
	7511	Fish filleter
	7511	Fish fryer
	7511	Fish salter
	7511	Fish smoker
	7511	Fishmonger

7511	Slaughterer
7512	Bakers, pastry-cooks and confectionery makers
7512	Baker
7512	Biscuits maker (hand made)
7512	Bread baker
7512	Cakes maker
7512	Caterer (pastries)
7512	Chocolate maker (handmade)
7512	Confectioner
7512	Pastry-cook (biscuit makerhandmade)
7513	Dairy-products makers
7513	Butter maker
7513	Cheese maker
7513	Yoghurt, Ice-cream maker (handmade)
7513	Wagashi maker
7514	Fruit, vegetable and related preservers
7514	Chutney maker
7514	Coconut oil maker
7514	Fruit juice maker (pineapple, orange, guava juice etc.
7514	Fruit preserver
7514	Groundnut oil maker
7514	Jam maker
7514	Oil expeller
7514	Palm Kernel Oil maker
7514	Palm Oil maker
7514	Shea butter maker
7514	Vegetable /fruit pickler
7514	Vegetable preserver
7515	Food and beverage tasters and graders
7515	Food grader
7515	Food taster
7515	Liquor taster
7515	Tea taster
7515	Wine taster
7516	Tobacco preparers and tobacco products makers
7516	Cigar maker
7516	Cigarette maker
7516	Tobacco grader

7517	Local Food preparers (raw and cooked)
7517	Aboloo maker
7517	Cassava dough (agbelima) maker
7517	Cassava flour maker
7517 7517	koko maker
7517 7517	Corn dough maker
7517 7517	Corn flour maker
7517 7517	Gari maker
7517 7547	Kenkey maker Kokonte maker
7517 7547	
7517 7547	Wakye maker etc.
7517	Wakiki maker
7517	Starch maker
7518	Local alcoholic and non alcoholic beverages
7518	Adoka tapper
7518	Aheyi maker
7518	Akpeteshie distiller
7518	Brukutu maker
7518	Palmwine tapper
7518	Pito brewer
7518	Pure water/Ice block producer
7518	Toase brewer
Wood tre	eaters, cabinet-makers and related trades workers
Wood tre	eaters, cabinet-makers and related trades workers  Wood treaters
7521	Wood treaters
<b>7521</b> 7521	Wood treaters  Dry kiln operator
<b>7521</b> 7521 7521	Wood treaters  Dry kiln operator  Lumber kiln operator
<b>7521</b> 7521 7521 7521	Wood treaters  Dry kiln operator Lumber kiln operator Veneer dryer tender
7521 7521 7521 7521 7521	Wood treaters  Dry kiln operator Lumber kiln operator Veneer dryer tender Wood seasoner
7521 7521 7521 7521 7521 7521	Wood treaters  Dry kiln operator Lumber kiln operator Veneer dryer tender Wood seasoner Wood treater
7521 7521 7521 7521 7521 7521 7522	Wood treaters  Dry kiln operator Lumber kiln operator Veneer dryer tender Wood seasoner Wood treater  Cabinet-makers and related workers  Cabinet-maker Carpenter (furniture)
7521 7521 7521 7521 7521 7521 7522 7522	Wood treaters  Dry kiln operator Lumber kiln operator Veneer dryer tender Wood seasoner Wood treater  Cabinet-makers and related workers  Cabinet-maker
7521 7521 7521 7521 7521 7521 7522 7522	Wood treaters  Dry kiln operator Lumber kiln operator Veneer dryer tender Wood seasoner Wood treater  Cabinet-makers and related workers  Cabinet-maker Carpenter (furniture)
7521 7521 7521 7521 7521 7521 7522 7522	Wood treaters  Dry kiln operator Lumber kiln operator Veneer dryer tender Wood seasoner Wood treater  Cabinet-makers and related workers  Cabinet-maker Carpenter (furniture) Cartwright
7521 7521 7521 7521 7521 7521 7522 7522	Wood treaters  Dry kiln operator Lumber kiln operator Veneer dryer tender Wood seasoner Wood treater  Cabinet-makers and related workers  Capenter (furniture) Cartwright Furniture cabinet-maker
7521 7521 7521 7521 7521 7521 7522 7522	Wood treaters  Dry kiln operator Lumber kiln operator Veneer dryer tender Wood seasoner Wood treater  Cabinet-makers and related workers  Cabinet-maker Carpenter (furniture) Cartwright Furniture cabinet-maker Wheel-wright
7521 7521 7521 7521 7521 7521 7522 7522	Wood treaters  Dry kiln operator Lumber kiln operator Veneer dryer tender Wood seasoner Wood treater  Cabinet-makers and related workers  Cabinet-maker Carpenter (furniture) Cartwright Furniture cabinet-maker Wheel-wright Wood patternmaker  Woodworking-machine tool setters and operators
7521 7521 7521 7521 7521 7521 7522 7522	Wood treaters  Dry kiln operator Lumber kiln operator Veneer dryer tender Wood seasoner Wood treater  Cabinet-makers and related workers  Cabinet-maker Carpenter (furniture) Cartwright Furniture cabinet-maker Wheel-wright Wood patternmaker

7523	Precision woodworking sawyer
7523	Wood products machine operator
7523	Wood turner
7523	Woodworking lathe operator
7523	Woodworking machine setter
7523	Woodworking machine set-up operator

#### 753 Garment and related trades workers

7531	Tailors, dressmakers, furriers and hatters
7531	Dressmaker
7531	Milliner
7531	Seamstress
7531	Shirt maker
7531	Tailor
7532	Garment and related pattern-makers and cutters
7532	Fur pattern-maker
7532	Garment cutter
7532	Garment pattern-maker
7532	Glove cutter
7533	Sewing, embroidery and related workers
7533	Embroiderer
7533	Sewer
7534	Upholsterers and related workers
7534	Furniture upholsterer
7534	Mattress maker
7534	Orthopaedic upholsterer
7534	Vehicle upholsterer
7535	Pelt dressers, tanners and fellmongers
7535	Fellmonger
7535	Pelt grader
7535	Tanner
7536	Shoemakers and related workers
7536	Cobbler
7536	Orthopaedic shoemaker
	Shoemakers and related workers (cont'd.)
7536	Repairer (suitcase, brief-case)
7536	Saddler
7536	Shoe repairer
7536	Shoemaker

#### 754 Other craft and related workers

7541	Underwater divers
7541	Salvage frogman
7541	Underwater worker
7542	Shotfirers and blasters
7542	Blaster
7542	Powderman
7542	Powder monkey
7542	Shotfirer
7543	Product graders and testers (excluding foods and beverages)
7543	Examiner cloth
7543	Examiner fabric
7543	Product grader
7543	Quality inspector
7543	Quality Inspector (Electricals)
7543	Quality Inspector (Electronics)
7543	Wool classer
7544	Fumigators and other pest and weed controllers
	Fumigators and other pest and weed controllers  Cocoa farms sprayer
7544	
<b>7544</b> 7544	Cocoa farms sprayer
<b>7544</b> 7544 7544	Cocoa farms sprayer Fumigator
<b>7544</b> 7544 7544 7544	Cocoa farms sprayer Fumigator Pest controller
<b>7544</b> 7544 7544 7544 7544	Cocoa farms sprayer Fumigator Pest controller Rice farms sprayer
7544 7544 7544 7544 7544 7544	Cocoa farms sprayer Fumigator Pest controller Rice farms sprayer Weed controller  Craft and related workers not elsewhere classified
7544 7544 7544 7544 7544 7544 7549	Cocoa farms sprayer Fumigator Pest controller Rice farms sprayer Weed controller  Craft and related workers not elsewhere classified  Foulisher, glass lens
7544 7544 7544 7544 7544 7549 7549	Cocoa farms sprayer Fumigator Pest controller Rice farms sprayer Weed controller  Craft and related workers not elsewhere classified  Foulisher, glass lens Grinder, glass lens
7544 7544 7544 7544 7544 7549 7549	Cocoa farms sprayer Fumigator Pest controller Rice farms sprayer Weed controller  Craft and related workers not elsewhere classified  Foulisher, glass lens
7544 7544 7544 7544 7544 7549 7549 7549	Cocoa farms sprayer Fumigator Pest controller Rice farms sprayer Weed controller  Craft and related workers not elsewhere classified  Foulisher, glass lens Grinder, glass lens Moulder, glass lens Optical lens finisher
7544 7544 7544 7544 7544 7549 7549 7549	Cocoa farms sprayer Fumigator Pest controller Rice farms sprayer Weed controller  Craft and related workers not elsewhere classified  Foulisher, glass lens Grinder, glass lens Moulder, glass lens
7544 7544 7544 7544 7544 7549 7549 7549	Cocoa farms sprayer Fumigator Pest controller Rice farms sprayer Weed controller  Craft and related workers not elsewhere classified  Foulisher, glass lens Grinder, glass lens Moulder, glass lens Optical lens finisher Optical lens moulder Polisher, glass lens
7544 7544 7544 7544 7544 7549 7549 7549	Cocoa farms sprayer Fumigator Pest controller Rice farms sprayer Weed controller  Craft and related workers not elsewhere classified  Foulisher, glass lens Grinder, glass lens Moulder, glass lens Optical lens finisher Optical lens moulder

#### Plant and machine operators, and assemblers 8

#### Stationary plant and machine operators 81

#### 811 Mining and mineral processing plant operators

8111	Miners and quarries
8111	Bogger Operator
8111	Continuous Miner Operator
8111	Dragline Operator (mining)
8111	Mining Plant Operator
8111	Miner
8111	Quarrier
8111	Roof Bolter (mining)
8112	Mineral and stone processing plant operators
8112	Coal washer
8112	Crusher operator (mineral or stone processing)
8112	Flotation worker (mineral processing)
8112	Gold precipitator
8112	Machine operator (stone cutting or processing)
8112	Machine operator washing
8112	Milling machine operator (minerals)
8112	Mineral processing plant operator
8112	Precipitator, silver
8113	Well drillers and borers and related workers
8113	Bore sinker
8113	Boring equipment operator
8113	Derrick operator
8113	Derrickman
8113	Developmental driller
8113	Directional driller
8113	Drilling rig operator
8113	Jumbo operator
8113	Operator, derrick (oil and gas wells)
8113	Operator, drilling plant
8113	Power-tong operator
8113	Toolpusher
8113	Tourpusher
8114	Cement, stone and other mineral products machine operators
8114	Cast-concrete products machine operator
8114	Cast-stone products machine operator

Major groups, sub	-major gr	oups, minor groups and unit groups
	8114	Cement machine operator
	8114	Concrete production machine operator
	8114	Industrial diamond polishing machine operator
	8114	Lime and clinker machine operator
	8114	Machine operator asbestos- cement products
	8114	Stone polishing machine operator
	0	eterio penerang maerano operator
812	Metal p	rocessing and finishing plant operators
	8121	Metal processing plant operators
	8121	Ladle pourer
	8121	Metal extrusion plant operator
	8121	Metal heat treating operator
	8121	Steel roller
	8122	Metal finishing, plating and coating machine operators
	8122	Machine operator, electroplating/metal
	8122	Machine operator, galvanizing/ metal
		·
	8122	Machine operator, polishing/ metal
	8122	Machine operator, spraying / metal
	8122	Metal coating machine operator
	8122	Metal finishing machine operator
	8122	Metal plating machine operator
813	Chemic	cal and photographic products plant and machine operators
	8131	Chemical products plant and machine operators
	8131	Blender/petroleum and natural gas refining (ethyl) operator
	8131	Candle production machine operator
	8131	Explosive products machine operator
	8131	Pharmaceutical and toiletry products machine operators
	8131	Still/petroleum and natural gas refining machine operator
	8132	Photographic products machine operators
	0.02	
	8132	Darkroom technician
	8132	Developing machine operator - photography
	8132	Enlarging machine operator- photography
	8132	Film/colour developer
	8132	Photograph enlarger
	8132	Photograph printer
	8132	Photographic film printer
	8132	Photographic processor
	8132	Photographic-film machine operator
	8132	Printing/photography (colour) machine operator

814	Rubber, plastic and paper products machine operators		
	8141	Rubber products machine operators	
	8141	Extruding/rubber machine operator	
	8141	Latex worker	
	8141	Rubber milling machine operator	
	8141	Rubber moulder	
	8141	Rubber products machine operator	
	8141	Tyre maker	
	8141	Tyre repairer	
	8141	Vehicle alignment mechanic	
	8141	Vulcaniser	
	8141	Wheel balancing mechanic	
	8142	Plastic products machine operators	
	8142	Laminated press operator, plastics	
	8142	Optic fibre drawer	
	8142	Plastic cablemaking machine operator	
	8142	Plastic extrusion machine operator	
	8142	Plastic moulder	
	8142	Plastics boat builder	
	8142	Plastics bottle blowing machine operator	
	8142	Plastics products machine operator	
	8143	Paper products machine operators	
	8143 8143 8143 8143 8143	Machine operator (cardboard products) Machine operator (envelope and paper bag production) Machine operator (paper box production) Paper products machine operator Papier mache moulder	

#### 815 Textile, fur and leather products machine operators

8151	Fibre preparing, spinning and winding machine operators
8151	Baller, thread and yarn
8151	Machine-operator, blending/textile fibres
8151	Machine-operator, combing/textile fibres
8151	Machine-operator, doubling/thread and yarn
8151	Machine-operator, drawing-frame/textile fibres
8151	Machine-operator, fibre preparing
8151	Machine-operator, lapping/ribbon
8151	Machine-operator, lapping/sliver
8151	Machine-operator, lapping/textile fibres
8151	Machine-operator, polythene bag production
8151	Machine-operator, reeling/thread and varn

8151	Machine-operator, roving-frame/textile fibres
8151	Machine-operator, skeining/thread and yarn
8151	Machine-operator, spinning/synthetic fibre
8151	Machine-operator, spinning/thread and yarn
8151	Machine-operator, textile fibre preparing
8151	Machine-operator, twining/thread and yarn
8151	Machine-operator, washing/textile fibres
8151	Machine-operator, winding/thread and yarn
8152	Weaving and knitting machine operators
8152	Knitting machine operator
8152	Net production machine operator
8152	Weaving machine operator
8152	Weaving/carpets machine operator
8153	Sewing machine operators
8153	Embroidery machine operator
8153	Sewing machine operator
8154	Bleaching, dyeing and fabric cleaning machine operators
8154	Fabic bleaching machine operator
8154	Textile dyeing machine operator
8155	Fur and leather preparing machine operators
8155	Dehairing/hide machine operator
8155	Staining/leather machine operator
8155	Tanning machine operator
8156	Shoemaking and related machine operators
8156	Machine operator (footwear production)
8157	Laundry machine operators
8157	Dry-cleaning machine operator
8157	Laundry machine operator
8157	Pressing machine operator (laundry)
8159	Textile, fur and leather products machine operators not elsewhere classified (n.e.c.)
8159	Braid making machine operator
8159	Hat making machine operator
8159	Textile pattern making machine operator
8159	Tent making machine operator

816	Food and	related	products	machine	operators
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8160	Food and related products machine operators
8160	Bakery products machine operator
8160	Bread production machine operator
8160	Cassavamill operator
8160	Chocolate production machine operator
8160	Cigar production machine operator
8160	Cigarette production machine operator
8160	Blending/Wine machine operator
8160	Brewing machine operator
8160	Commercial blender operator (for pepper, tomatoes etc.)
8160	Cornmill operator
8160	Dairy products machine operator
8160	Distilling/Spirits machine operator
8160	Dry pepper machine operator
8160	Edible oil machine operator
8160	Fish processing machine operator
8160	Fruit juice machine operator
8160	Groundnut husker operator
8160	Liquor production machine operator
8160	Meat processing machine operator
8160	Milk processing machine operator
8160	Palm kernel husker operator
8160	Pepper mill operator
8160	Tomato mill operator
Wood p	rocessing and papermaking plant operators
8171	Pulp and papermaking plant operators
8171	Paper and pulp mill worker
8171	Pulp and paper assistant bleacher operator
8171	Pulp and paper digester operator
8171	Pulp and paper grinderman/woman
8171	Pulp and paper refiner operator
8171	Pulping control operator
8171	Pulping technician
8171	Repulper operator
8171	Thermo-mechanical pulp assistant operator
8172	Wood processing plant operators
8172	Circular-saw operator
8172	Log cut-off operator
8172	Plywood press-operator
8172	Sawmill operator
8172	Sawmill planer operator

	8172	Sawmill trimmer operator
	8172	Wood-processing plant sawyer
	Other sta	tionary plant and machine operators
	8181	Glass and ceramics plant operators
	8181	Furnace-operator, glass production
	8181	Kiln-operator, brick and tile
	8181	Kiln-operator, pottery and porcelain
	8181	Machine operator, blowing/glass
	8181	Machine operator, mixing/clay
	8181	Machine operator, mixing/glass
	8182	Steam engine and boiler operators
	8182	Boiler tender
	8182	Ship's boiler operator
	8182	Stationary engineer
	8182	Steam engine operator
	8182	Stoker
	8182	Thermal plant operator
	8183	Packing, bottling and labelling machine operators
	8183	Bottle filler
	8183	Labelling machine operator
	8183	Packing machine operator
	8183	Wrapping machine operator
	8189	Stationary plant and machine operators not
		elsewhere classified (n.e.c.)
	8189	Cable and rope splicing machine operator
	8189	Silicon chip production machine operator
mb	olers	

#### 82 Asser

818

#### 821 **Assemblers**

8211	Mechanical machinery assemblers
8211	Aircraft assembler
8211	Bench fitter (trucks)
8211	Engine assembler
8211	Engine installer
8211	Gearbox assembler
8211	Turbine assembler
8211	Vehicle assembler

	8212	Electrical and electronic equipment assemblers
	8212	Armature assembler
	8212	Assembler, electronic equipment
	8212	Electrical equipment assembler
	8212	Electromechanical equipment assembler
	8212	Electronic equipment assembler
	8212	Etcher (printed circuit board)
	8212	Telephone assembler
	8212	Television assembler
	8219	Assemblers not elsewhere classified (n.e.c.)
	8219	Ammunition assembler
	8219	Assembler, metal products (except mechanical)
	8219	Assembler, plastic products
	8219	Assembler, rubber products
	8219	Assembler, wood products
	8219	Bicycle assembler
	8219	Box builder
	8219	Door assembler
	8219	Eyeglass frame assembler
	8219	Furniture finisher, wood
	8219	Jewellery assembler
	8219	Knife assembler
	8219	Leather products assembler
	8219	Luggage finisher
	8219	Paperboard products assembler
	8219	Pen and pencil assembler
	8219	Plastic toy assembler
	8219	Sun-blinds assembler
	8219	Textile products assembler
	8219	Thermos bottle assembler
	8219	Umbrella maker
Drivers	and mobil	e plant operators
831	Locomoti	ve engine drivers and related workers
	8311	Locomotive engine drivers
	8311	Driver, shunting-engine
	8311	Locomotive driver
	8311	Train driver
	8312	Railway brake, signal and switch operators
	8312	Braker, railway
	8312	Shunter railway

o, car	inajor gr	cape, iiiiiei gi cape ana anie gi cape
	8312	Signaller, railway
832	Car, va	n and motorcycle drivers
	8321	Motorcycle drivers
	8321 8321 8321 8321	Dispatch rider Driver (motorized rickshaw) Driver (motorized tricycle) Motorcyclist
	8322	Car, taxi and van drivers
	8322 8322 8322	Driver, saloon car Driver, taxi Driver, van
833	Heavy t	ruck and bus drivers
	8331	Bus and tram drivers
	8331 8331 8331 8331	Driver, bus Driver, motor coach Driver, tram Driver, trotro
	8332	Heavy truck and lorry drivers
	8332 8332 8332 8332 8332	Articulator truck driver Concrete mixer driver Container truck driver Heavy truck driver Road train driver
834	Mobile	plant operators
	8341	Mobile farm and forestry plant operators
	8341 8341 8341 8341 8341	Harvester operator Logging plant operator Timber carrier driver Tractor driver Tree feller operator
	8342	Earthmoving and related plant operators
	8342	Operator, bulldozer

Operator, excavator

Operator, front-end loader

8342

### International Standard Classification of Occupations (ISCO)

International Standard Classification of Occupations (ISCO)		
Major groups, sub-major groups, minor groups and unit groups		
	8342 8342	Operator, pile-driver Operator, road-roller
	8342	Operator, snow groomer
	8343	Crane, hoist and related plant operators
	8343	Operator, crane
	8343	Operator, hoist
	8343	Operator, mobile crane
	8343	Operator, tower crane
	8344	Lifting truck operators
	8344	Forklift truck driver
835	Ships' de	eck crews and related workers
	8350	Ships' deck crews and related workers
	8350 8350 8350 8350	Boatswain (ships' deck crew) Ferry hand Sailor Tug hand

### 9 Elementary occupations

### 91 Cleaners and helpers

9111

### 911 Domestic, hotel and office cleaners and helpers

**Domestic cleaners and helpers** 

9111 9111	Charworker (domestic) Domestic cleaner
9112	Cleaners and helpers in offices, hotels and other establishments
9112	Cleaner, aircraft
9112	Cleaner, buses
9112	Cleaner, hotel
9112	Cleaner, office
9112	Cleaner, restaurant
9112	Cleaner, train
9112	Lavatory attendant

### 912 Vehicle, window, laundry and other hand cleaning workers

#### 9121 Hand launderers and pressers

	9121	Dry-cleaner, hand
	9121	Launderer, hand
	9121	Presser, hand
	9122	Vehicle cleaners
	9122	Car detailer
	9122	Vehicle washer (hand)
	9123	Window cleaners
	9123	Window cleaner
	9129	Other cleaning workers
	9129	Carpet cleaner
	9129	Cooling tower cleaner
	9129	Graffiti cleaner
	9129	Swimming pool cleaner
Agricu	ltural, fore	estry and fishery labourers
921	Agricult	ural, forestry and fishery labourers
	9211	Crop form labourers
	9211	Crop farm labourers
	9211	•
		Cane planter
	9211	•
	9211 9211	Cane planter Fruit picker Rice farm labourer
	9211 9211 9211	Cane planter Fruit picker Rice farm labourer Rice harverster
	9211 9211 9211 9211	Cane planter Fruit picker Rice farm labourer
	9211 9211 9211 9211 9211	Cane planter Fruit picker Rice farm labourer Rice harverster Sugarcane cutter
	9211 9211 9211 9211 9211 9211	Cane planter Fruit picker Rice farm labourer Rice harverster Sugarcane cutter Vegetable picker
	9211 9211 9211 9211 9211 9211 9212	Cane planter Fruit picker Rice farm labourer Rice harverster Sugarcane cutter Vegetable picker  Livestock farm labourers  Cattle farm labourer
	9211 9211 9211 9211 9211 9211	Cane planter Fruit picker Rice farm labourer Rice harverster Sugarcane cutter Vegetable picker  Livestock farm labourers
	9211 9211 9211 9211 9211 9211 <b>9212</b> 9212 9212	Cane planter Fruit picker Rice farm labourer Rice harverster Sugarcane cutter Vegetable picker  Livestock farm labourers  Cattle farm labourer Livestock farm labourer
	9211 9211 9211 9211 9211 9211 <b>9212</b> 9212 9212 9212	Cane planter Fruit picker Rice farm labourer Rice harverster Sugarcane cutter Vegetable picker  Livestock farm labourers  Cattle farm labourer Livestock farm labourer Sheep farm labourer
	9211 9211 9211 9211 9211 9212 9212 9212	Cane planter Fruit picker Rice farm labourer Rice harverster Sugarcane cutter Vegetable picker  Livestock farm labourers  Cattle farm labourer Livestock farm labourer Sheep farm labourer  Mixed crop and livestock farm labourers
	9211 9211 9211 9211 9211 9211 9212 9212	Cane planter Fruit picker Rice farm labourer Rice harverster Sugarcane cutter Vegetable picker  Livestock farm labourers  Cattle farm labourer Livestock farm labourer Sheep farm labourer  Mixed crop and livestock farm labourers  Farm labourer
	9211 9211 9211 9211 9211 9212 9212 9212	Cane planter Fruit picker Rice farm labourer Rice harverster Sugarcane cutter Vegetable picker  Livestock farm labourers  Cattle farm labourer Livestock farm labourer Sheep farm labourer Mixed crop and livestock farm labourers  Farm labourer Mixed crop farm labourer

		Interna	ational Standard Classification of Occupations (ISCO
Major grou	ıps, sub-	major grou	ıps, minor groups and unit groups
		0044	11. 2. 16. 11.1
		9214	Horticultural labourer
		9214	Lawn mower
		9214	Nursery labourer
		9215	Forestry labourers
		9215	Axeman/woman
		9215	Forestry labourer
		9215	Tree cutter
		9215	Tree planter
		9216	Fishery and aquaculture labourers
		9216	Aquaculture labourer
		9216	Fishery labourer
93	Labour	oro in mini	ing construction manufacturing and transport
33	Laboui	ers in mini	ing, construction, manufacturing and transport
	931	Mining a	nd construction labourers
		9311	Mining and quarrying labourers
		9311	Coal sampler
		9311	Mining labourer
		9311	Quarry labourer
		9312	Civil engineering labourers
		9312	Construction labourer (civil engineering)
		9312	Earthmoving labourer
		9312	Maintenance labourer (dams)
		9313	Building construction labourers
		9313	Bricklayer's assistant
		9313	Construction labourer (building work)
		9313	Demolition Labourer
		9313	Hod carrier
	932	Manufact	turing labourers
		9321	Hand packers
		9321	Labeller (hand)

9321

9321

9329

Packer (hand) Wrapper (hand)

Manufacturing labourers not elsewhere classified

### Major groups, sub-major groups, minor groups and unit groups

9329	Bottle sorter
9329	Factory hand
9329	Material handler
9329	Stacker

#### 933 Transport and storage labourers

9331	Hand and pedal vehicle drivers
9331 9331 9331	Driver, cycle rickshaw Driver, pedal vehicle Puller, rickshaw
9332	Drivers of animal-drawn vehicles and machinery
9332 9332	Driver, animal-drawn vehicle Driver, animal train
9333	Freight handlers
9333	Handler, freight
9334	Shelf fillers
9334	Filler, stock

#### 94 Food preparation assistants

9334

#### 941 Food preparation assistants

9411	Fast food preparers
9411 9411	Fast-food cook Short order Cook
9412	Kitchen helpers
9412	Chop bar assistant
9412	Fufu pounder
9412	Hand dish washer
9412	Kitchen assistant
9412	Kitchen hand
9412	Kitchen porter
9412	Kitchen steward
9412	Pantry attendant

Handler, stock

#### 95 Street and related sales and service workers

951	Street and related service workers	
	9510	Street and related service workers
	9510	Car guard
	9510	Car window washer
	9510	Errand boy
	9510	Free newspaper distributor
	9510	Kayaye
	9510	Leaflet distributor
	9510	Shoe-polisher
	9510	Truck pusher
952	Street v	rendors (excluding food)
	9520	Street vendors (excluding food)
	9520	Hawker e.g. Provisions
	9520	Newspaper vendor
	9520	Pedlar
	9520	Seller of herbal medicine
Refuse	workers	and other elementary workers
961	Refuse	workers
	9611	Garbage and recycling collectors
	9611	Collector, refuse
	9611	Dustman
	9611	Dustwoman
	9612	Refuse sorters
	9612	Recycling worker
	9612	Scrap merchant
	9612	Waste picker
	9613	Sweepers and related labourers
	9613	Sweeper, park
	9613	Sweeper, street
962	Other e	lementary workers
	9621	Messengers, package deliverers and luggage porters
	9621	Luggage porter
	9621	Messenger

9621 9621 9621	Messengers, package deliverers and luggage porters (cont'd.) Newspaper deliverer Package deliverer Post-runner
9622	Odd job persons
9622 9622 9622	Handyperson Hotel useful Odd-job person
9623	Meter readers and vending-machine collectors
9623 9623	Meter reader Vending machine collector
9624	Water and firewood collectors
9624 9624	Firewood collector Water collector
9629	Elementary workers not elsewhere classified
9629 9629 9629 9629 9629	Cloak room attendant Fairground attendant Parking attendant Ticket collectors Usher