

Occupations in Systematical Order

MASCO 2008	MASCO 1998	JOB TITLE
11111	11101	Member of parliamentarian
11111	11101	Parliamentarian
11112	11102	Chief minister
11112	11102	Deputy minister
11112	11102	Minister
11112	11102	Prime minister
11113	11103	Senator
11113	11103	Speaker
11113	11103	State assemblyman
11114	11104	Mayor/Datuk Bandar
11115	11109	Official, legislative
11119	New	Other legislator
11121	11201	Administrator, government
11121	11201	Chief secretary, government
11121	11201	Commissioner, civil service
11121	11201	Deputy secretary, government
11121	11201	Director-general, government department
11121	11201	Director-general, government administration/regional
11121	11201	Head, chancery
11121	11201	Head, government department
11121	11201	Secretary, government non-legislative
11121	11201	Secretary-general, government
11121	11201	Secretary-general, government administration
11121	11201	Secretary-general, government administration/deputy
11121	11201	Senior official, government
11122	11201	Senior official, statutory board
11123	11201	Ambassador
11123	11201	Consul-general
11123	11201	Diplomatic representative, embassy
11123	11201	High commissioner, government
11123	11201	Representative, diplomatic
11123	11201	Secretary, embassy
11124	11201	Director-general, fire and rescue
11124	11201	Director-general, inland revenue
11124	11201	Director-general, prison
11124	11201	Inspector-general, police
11124	11201	Registrar-general, government

11125	JPA	Senior official, police (YY11)
11129	11201	Other senior government officials
11131	11301	Penghulu
11131	New	Penggawa
11131	New	Demang
11132	11302	Chief, village
11132	New	Sidang
11133	New	Tribe leader (Ketua anak negeri)
11134	New	Capitan
11134	New	Tuai rumah
11134	New	Batin
11139	New	Other traditional chiefs and heads of village
11141	11410	Chairman, political party
11141	11410	Leader, political party
11141	11410	President, political party
11141	11410	Secretary-general, political party
11141	11410	Senior official, political party organization
11142	11421	Director-general, employers' organization
11142	11421	President, employers' organization
11142	11421	Senior official, employers' organization
11143	11422	Leader, trade union
11143	11422	Senior official, trade union
11143	11422	Senior official, workers' organization
11144	11423	Senior official, other economic-interest organization
11145	11430	Secretary-general, environment protection organization
11145	11430	Secretary-general, human rights organization
11145	11430	Secretary-general, humanitarian organization
11145	11430	Secretary-general, Red Crescent Organization
11145	11430	Secretary-general, Red Cross Organization
11145	11430	Secretary-general, special-interest organization
11145	11430	Secretary-general, wild life protection organization
11145	11430	Senior official, humanitarian organization
11145	11430	Senior official, special-interest organization
11149	New	Other senior officials of special – interest organizations
11201	12101	Chairman, enterprise
11201	12101	Chief executive officer
11201	New	Chief operating officer
11201	New	Chief finance officer
11201	12101	Company director
11201	12101	Director, enterprise
11201	12101	Director-general, enterprise
11201	12101	Manager, airport
11201	12101	Manager, broadcasting, radio and television
11201	12101	Manager, harbour
11201	12223	Manager, programme/radio & television
11201	12101	Manager, sports

11201	12101	Managing director
11201	12101	President, enterprise
11202	12102	Chairman, organization
11202	12102	Chief executive, organization
11202	12102	Director, organization
11202	12102	Director-general, organization
11202	12102	Managing-director, organization
11202	12102	President, organization
12111	12312	Manager, account
12111	12312	Manager, budget
12111	12312	Manager, credit
12111	12312	Manager, finance
12112	13070	Manager, insurance
12113	24202	Manager, fund
12114	24203	Manager, treasury
12115	New	Manager, financial and institution
12116	New	Manager, costing
12117	New	Manager, audit
12117	New	Manager, audit and risk assessment
12121	12321	Manager, human resource/personnel
12121	12321	Manager, human resource/training
12122	12322	Manager, industrial relations
12123	12323	Manager, occupational health and safety
12131	New	Manager, policy and planning
12141	12250	Manager, production and operation/business
12142	13070	Manager, business services/development
12151	12311	Manager, administrative
12191	New	Business services and administration managers not elsewhere classified
12211	12331	Manager, sales
12211	12332	Manager, marketing
12211	12331	Manager, sales and marketing
12211	12332	Manager, sales promotion
12212	12332	Manager, market research
12212	New	Manager, contact centre
12212	New	Manager, customer service
12212	New	Manager, product/brand
12213	New	Manager, shopping centre
12213	New	Manager, supermarket
12221	12341	Manager, advertising
12222	12342	Manager, public relations
12222	New	General affairs section chief

12222	New	Manager, communications
12223	13070	Manager, display
12231	12370	Manager, research and development
13111	12212	Manager, production and operation/forestry
13111	13013	Manager, forestry
13112	13014	Manager, production and operation/agricultural
13112	13011	Manager, agricultural
13112	12211	Manager, estate/plantation
13121	12212	Manager, production and operation/fishery
13121	New	Manager, fishery farm
13211	12213	Manager, production and operation/manufacturing
13211	13020	Manager, manufacturing
13211	New	Manager, factory
13211	New	Manager, quality control
13211	New	Manager, quality assurance
13221	12215	Manager, production and operation/mining and quarry
13231	12214	Manager, production and operation/construction
13231	13030	Manager, construction
13232	New	Manager, contract
13233	New	Manager, operation
13233	New	Manager, project
13233	New	Manager, site
13241	12221	Manager, production and operation/transport
13241	12221	Manager, production and operation/transport (pipeline)
13241	12221	Manager, production and operation/transport (freight traffic)
13241	12221	Manager, production and operation/transport (passenger traffic)
13241	13061	Manager, transport
13241	12221	Master, railway station
13242	12222	Manager, production and operation/storage
13242	13062	Manager, storage
13242	12350	Manager, distribution
13242	12350	Manager, supplies
13242	New	Manager, warehouse
13243	12350	Manager, purchasing
13244	12223	Postmaster
13301	12223	Manager, production and operation/communications
13301	12223	Manager, production and operation/communications (postal services)
13301	12223	Manager, production and operation/communications (telecommunication services)
13302	New	Manager, information systems
13302	12361	Manager, information technology

13303	12362	Manager, computer services
13304	12369	Manager, data processing
13411	13093	Manager, child care centre
13421	12291	Manager, production and operation/health
13421	13092	Manager, health
13421	12291	Director of medical services
13421	12291	Director of nursing
13421	12291	Manager, medical (medical administration)
13422	13092	Administrator, hospital
13429	New	Other health services managers
13431	New	Manager, aged care services
13441	12291	Manager, production and operation/social work
13441	13093	Manager, social work
13451	12291	Manager, production and operation/education
13451	13091	Manager, education
13452	12293	Dean
13452	12293	Dean of faculty, university
13452	12293	Head, college faculty
13452	12293	Head, university faculty
13452	12293	Headmaster
13452	12293	Headmistress
13452	12293	Principal, school
13452	12102	Chancellor, university
13452	12102	Director, school
13452	12102	Principal, college
13452	12102	Principal, university
13452	12102	Vice Chancellor, university
13461	New	Manager, financial and insurance branch
13491	12291	Manager, production and operation/extra territorial organization
13492	New	Manager, design
13493	New	Manager, electricity, water and sanitary
13493	New	Manager, environmental systems
13493	New	Manager, facilities maintenance
13493	New	Manager, garbage systems
14111	12231	Manager, production and operation/hotel
14111	13051	Manager, hotel
14111	13051	Manager, motel
14111	13051	Manager, boarding-house
14111	13051	Manager, guest-house
14111	13051	Manager, hostel
14112	13051	Manager, lodging-house

14113	New	Manager, front desk
14113	New	Manager, front office hotel
14114	New	Manager, food and beverage services
14115	JPA	Manager, hostel N41
14116	JPA	Assistant manager, hostel N27
14119	New	Other hotel managers
14121	12232	Manager, production and operation/restaurant
14121	13052	Manager, restaurant
14121	13052	Barkeeper
14121	13052	Manager (cafe, bar and snack-bar)
14121	13052	Manager, cafe
14121	13052	Manager, canteen
14121	13052	Manager, catering
14121	13052	Manager, self-service restaurant
14121	13052	Manager, snack-bar
14122	13053	Manager, discotheque
14123	13059	Manager, refreshment-room
14129	New	Other restaurant managers
14201	12242	Manager, production and operation/retail trade
14201	12242	Manager, production and operation/retail trade (store)
14201	12242	Manager, production and operation/retail trade (supermarket)
14201	13042	Manager, retail trade/chain store
14201	13042	Manager, retail trade/discount store
14201	13042	Manager, retail trade/mail-order store
14201	13042	Manager, retail trade/self-service store
14201	13042	Manager, retail trade/shop
14201	13042	Merchant, retail trade
14202	12241	Manager, production and operation/wholesale trade
14202	12241	Manager, production and operation/wholesale trade (export)
14202	12241	Manager, production and operation/wholesale trade (import)
14202	13041	Manager, wholesale trade/import
14202	13041	Manager, wholesale trade/export
14202	13041	Manager, wholesale trade
14202	13041	Merchant, wholesale trade
14202	New	Manager, export sales
14202	13041	Wholesaler
14311	12291	Manager, production and operation/sporting activities
14311	12291	Manager, production and operation/recreation
14312	12291	Manager, production and operation/cultural activities
14312	13094	Manager, cultural activities
14313	12291	Manager, production and operation/travel agency
14313	13051	Manager, camping site
14313	13051	Manager, caravan park
14313	13095	Manager, sporting activities
14313	13095	Manager, travel agency
14313	13099	Manager, casino

14313	13095	Manager, club
14313	New	Manager, cruise
14313	13095	Manager, entertainment
14313	13095	Manager, environment, parks and land care
14313	13095	Manager, gaming
14313	13095	Manager, ice-skating rink
14313	13095	Manager, racecourse
14313	13095	Manager, recreation
14313	13095	Manager, sports and recreation
14313	13095	Manager, sports centre
14313	13095	Manager, stadium
14314	12292	Manager, production and operation/stage
14314	12292	Manager, stage
14315	JPA	Manager, park/estate G41
14316	JPA	Assistant manager, park/estate G27
14321	12261	Manager, production and operation/cleaning
14321	13082	Manager, cleaning
14321	13082	Manager, laundering, dry-cleaning and pressing
14322	12262	Manager, production and operation/personal care
14322	13081	Manager, personal care
14322	New	Housekeeping administrator
14331	New	Manager, legal and risk management
14341	13096	Manager, maintenance
14342	13096	Manager, property
14351	New	Manager, safety
14352	12319	Manager, security
21111	21111	Physicist
21111	21111	Physicist, theoretical
21112	21112	Aerodynamicist
21112	21112	Ballistician
21112	21112	Hydrodynamics
21112	21112	Thermodynamics
21112	21112	Physicist, ballistics
21112	21112	Physicist, mechanics
21112	21112	Physicist, hydrodynamics
21112	21112	Physicist, solid-state
21113	New	Physicist, medical
21113	21113	Physicist, acoustics
21113	21113	Physicist, heat
21113	21113	Physicist, light
21113	21113	Physicist, sound
21113	21113	Physicist, thermodynamics
21114	21114	Physicist, electricity and magnetism
21115	21115	Physicist, electronics

21116	21116	Physicist, nuclear/atomic/molecular
21117	21117	Astronomer
21117	21117	Astronomer, radio
21117	21117	Astrophysicist
21117	21117	Physicist, astronomer
21118	21118	Cosmologist
21119	New	Other physicist and astronomers
21119	21119	Physicist, rheology
21119	21119	Rheologist
21121	21121	Meteorologist
21121	21121	Officer, meteorological
21122	21122	Climatologist
21122	21122	Meteorologist-climatology
21123	21123	Forecaster-weather
21123	21123	Meteorologist-weather forecasting
21123	21145	Seismologist
21124	JPA	Officer, meteorology C41
21125	New	Agrometeorologist
21126	New	Meteorologist, marine
21127	New	Meteorologist, environmental
21128	New	Meteorologist, NWP modeling
21129	New	Other meteorologist
21131	21131	Chemist
21132	21132	Chemist, rubber
21132	21132	Chemist, organic
21133	21133	Chemist, corrosion
21133	21133	Chemist, glass
21133	21133	Chemist, inorganic
21133	21133	Chemist, metallurgical
21133	21133	Chemist, plastics
21133	21133	Chemist, polymer
21134	21134	Chemist, physical
21135	21135	Chemist, analytical
21135	21135	Chemist, research development (chemical or related product)
21136	21136	Chemist, water purification
21137	21137	Chemist, detergent
21137	21137	Chemist, dye
21137	21137	Chemist, food
21137	21137	Chemist, industrial
21137	21137	Chemist, leather
21137	21137	Chemist, paint
21137	21137	Chemist, petroleum
21137	21137	Chemist, quality control
21137	21137	Chemist, textile
21138	JPA	Officer, geochemist C41
21139	21138	Chemist, pharmaceutical
21139	21139	Chemist, crystallography

21139	21139	Chemist, nuclear
21139	New	Other chemist
21141	21141	Geologist
21141	New	Geophysicist
21142	21142	Geologist, engineering
21143	21143	Geologist, mining
21143	21143	Mineralogist
21144	21144	Geologist, oil
21144	21144	Geologist, petroleum
21144	21144	Geologist, petrology
21144	21144	Petrologist
21145	21146	Geologist, marine
21145	21146	Geologist, oceanography
21145	21146	Geophysicist, oceanography
21145	21146	Oceanographer
21145	21146	Oceanographer, geological
21145	21146	Oceanographer, geophysical
21146	21147	Geodesist
21146	21147	Geomagnetician
21146	21147	Geomorphologies
21146	21147	Geophysicist, geomagnetic
21146	21147	Geophysicist, geomorphology
21146	21147	Geophysicist, seismology
21147	21148	Geophysicist, hydrology
21147	21148	Hydrogeologist
21147	21148	Hydrologist
21148	JPA	Officer, geophysics/geology C41
21149	21149	Geologist, micropalaeontology
21149	21149	Geologist, palaeontology
21149	21149	Geologist, stratigraphy
21149	21149	Micropalaeontology
21149	21148	Other geologists and geophysicists
21149	21149	Palaeontologist
21149	21149	Stratigraph
21201	21211	Mathematician
21201	21211	Mathematician, applied mathematics
21201	21211	Mathematician, pure mathematics
21201	21213	Mathematician, actuarial science
21202	JPA	Officer, actuary W41
21203	39211	Officer, statistical
21203	21221	Statistician
21203	21221	Statistician, applied statistics
21203	21221	Statistics, survey
21203	New	Superintendent, statistician
21204	JPA	Statistician E41
21205	21223	Biometrician

21205	21223	Statistician, biological
21205	21223	Statistician, health
21206	21224	Statistician, business and economics
21206	21224	Statistician, economics
21206	21224	Statistician, finance
21206	21224	Statistician, market research
21207	21225	Statistician, education
21207	21225	Statistician, social science
21208	21226	Statistician, engineering
21208	21226	Statistician, physical science
21208	21227	Statistician, mathematical
21209	21229	Other statisticians
21209	21229	Statistician, agricultural
21209	21229	Statistician, opinion-polling
21209	21222	Demographer
21209	21222	Statistician, demography
21311	22111	Taxonomist
21311	22111	Biologist
21311	22111	Biologist, aquatic
21311	22111	Biologist, fresh water
21311	22111	Biologist, marine
21311	22111	Biotechnologist
21311	22111	Hydrobiologist
21312	22112	Botanist
21312	22112	Botanist, economic
21312	22112	Botanist, histology
21312	22112	Botanist, mycology
21312	22112	Botanist, soil
21312	22112	Botanist, taxonomy
21312	22112	Cytologist, plant
21312	22112	Geneticist, plant
21312	22112	Histologist, plant
21312	22112	Mycologist
21312	22112	Taxonomist, plant
21313	22113	Cytologist, animal
21313	22113	Fish culturist
21313	22113	Geneticist, animal
21313	22113	Herpetologist
21313	22113	Ichthyologist
21313	22113	Mammalogist
21313	22113	Ornithologist
21313	22113	Parasitologist
21313	22113	Pisciculturist
21313	22113	Taxonomist, animals
21313	22113	Zoologist
21313	22113	Zoologist, embryology
21313	22113	Zoologist, entomology
21313	22113	Zoologist, histology

21313	22113	Zoologist, ichthyology
21313	22113	Zoologist, mammalogy
21313	22113	Zoologist, ornithology
21313	22113	Zoologist, parasitology
21313	22113	Zoologist, pisciculture
21313	22113	Zoologist, taxonomy
21314	22114	Entomologist
21315	22115	Botanist, ecology
21315	22115	Ecologist
21315	22115	Ecologist, animal
21315	22115	Ecologist, plant
21315	22115	Zoologist, ecology
21316	22116	Bacteriologist
21316	22116	Bacteriologist, pharmaceutical
21316	22116	Bacteriologist, agricultural
21316	22116	Bacteriologist, dairy
21316	22116	Bacteriologist, fishery
21316	22116	Bacteriologist, food
21316	22116	Bacteriologist, industrial
21316	22116	Bacteriologist, medical
21316	22116	Bacteriologist, molecular
21316	22116	Bacteriologist, soil
21316	22116	Bacteriologist, veterinary
21316	22116	Engineer, genetics
21316	22116	Geneticist
21316	22116	Histologist
21316	22116	Immunologist
21316	22116	Microbiologist
21316	22116	Serologist
21316	22116	Virologist
21319	New	Other biologist, botanist, zoologist and related professionals
21321	32131	Adviser, agricultural
21321	22131	Officer, agricultural
21321	32131	Adviser, farming
21321	32133	Farm, demonstrator
21321	32131	Adviser, planting
21322	32132	Adviser, forestry
21322	New	Officer, forestry
21322	New	Conservator, forest
21323	JPA	Officer, fishery G41
21324	JPA	Conservationist, forestry G41
21325	JPA	Officer, agricultural G41
21331	22131	Agronomist
21332	22132	Scientist, agricultural
21332	22132	Scientist, crop research
21333	22133	Floriculturist
21333	22133	Horticultural

21333	22133	Olericulturist
21333	22133	Pomologist
21334	22134	Arboriculturist
21334	22134	Scientist, forestry
21334	22134	Silviculturist
21334	22134	Soil conservationist
21334	22134	Scientist, soil
21334	22134	Soil surveyor
21334	22134	Wood analyst
21334	22134	Wood anatomist
21335	22135	Scientist, animal
21336	22136	Scientist, environmental research
21337	JPA	Officer, wild life G41
21338	JPA	Officer, environment control C41
21339	New	Other environmental protection professionals
21341	22121	Anatomist
21342	22122	Biochemist
21342	22122	Biochemist, clinical
21342	22122	Biochemist, enzymes
21342	22122	Biochemist, proteins
21342	22122	Biochemist, steroids
21342	22122	Chemist, biological
21343	22123	Biophysicist
21344	22124	Endocrinologists
21345	22125	Physiologists
21345	22125	Physiologist, animal
21345	22125	Physiologist, endocrinology
21345	22125	Physiologist, epidemiology
21345	22125	Physiologist, neurology
21345	22125	Physiologist, plant
21346	22126	Pharmacologists
21346	22126	Pharmacologist, toxicology
21346	22126	Pharmacologist, veterinary
21346	22126	Toxicologist
21347	22127	Histopathologist
21347	22127	Neuropathologist
21347	22127	Pathologist
21347	22127	Pathologist, animal
21347	22127	Pathologist, clinical
21347	22127	Pathologist, forensic
21347	22127	Pathologist, histopathology
21347	22127	Pathologist, medical
21347	22127	Pathologist, neuropathology
21347	22127	Pathologist, plant
21347	22127	Pathologist, surgical
21347	22127	Pathologist, veterinary
21348	22127	Epidemiologist

21411	21491	Engineer, automation
21411	21491	Engineer, robotics
21412	21492	Engineer, industrial
21412	21492	Engineer, industrial layout
21413	21493	Analyst, communication/except computer
21413	21493	Analyst, systems/except computers
21413	21493	Designer, systems/except computers
21413	21493	Engineer, organization and methods
21413	21493	Engineer, planning
21413	21493	Engineer, systems/except computers
21414	21494	Engineer, cost evaluation
21414	21494	Engineer, industrial efficiency
21414	21494	Engineer, time and motion
21414	21494	Engineer, work study
21415	21495	Engineer, industrial health and safety
21415	21495	Engineer, industrial health
21415	21495	Engineer, industrial safety
21416	21496	Engineer, production
21416	21496	Technologist, cement
21416	21496	Technologist, ceramics
21416	21496	Technologist, glass
21416	21496	Technologist, leather
21416	21496	Technologist, packaging
21416	21496	Technologist, printing
21416	21496	Technologist, textile
21417	21498	Technologist, wood
21419	New	Other industry and production engineer
21421	21421	Engineer, civil
21421	New	Engineer, site
21421	21421	Technologist, engineering civil
21422	21422	Engineer, resident/civil engineering
21422	21422	Engineer, civil/building construction
21422	21422	Engineer, civil/building structure
21422	21422	Engineer, civil/chimney construction
21422	21422	Engineer, civil/construction
21422	21422	Engineer, civil/dock and harbour construction
21422	21422	Engineer, civil/structural
21422	21422	Engineer, civil/tower construction
21422	21422	Technologist, building materials
21422	21422	Engineer, civil/aerodome construction
21423	21423	Engineer, civil/highway and street construction
21423	21423	Engineer, civil/highways and road
21423	21423	Engineer, civil/railway construction
21423	21423	Engineer, civil/road construction
21424	JPA	Engineer, civil J41
21425	21424	Engineer, civil/geotechnic
21425	21425	Engineer, civil/bridge construction
21425	21425	Engineer, civil/tunnel construction

21426	21426	Engineer, civil/dredging
21426	21426	Engineer, civil/irrigation
21426	21426	Engineer, civil/soil mechanics
21427	21427	Engineer, civil/hydraulics
21427	21427	Engineer, civil/hydrology
21428	21428	Engineer, civil/public health
21428	21428	Engineer, civil/sanitary
21428	21428	Engineer, sewerage and sanitary
21429	21429	Engineer, maintenance
21429	New	Engineer, facilities
21429	New	Other civil engineers
21431	New	Engineer, environment
21441	21451	Engineer, mechanical
21441	21451	Technologist, engineering/mechanical
21442	21452	Engineer, industrial machinery and tools
21442	21452	Engineer, mechanical/instruments
21443	21453	Engineer, cryogenic
21443	21453	Engineer, mechanical/nuclear power
21443	21453	Engineer, nuclear power
21444	21454	Engineer, heating, ventilation, air-conditioning and refrigeration
21445	21455	Designer, motor-car
21445	21455	Engineer, diesel
21445	21455	Engineer, engines
21445	21459	Engineer, lubrication
21445	21455	Engineer, gas turbine
21445	21455	Engineer, internal combustion engine
21445	21455	Engineer, jet engine
21445	21455	Engineer, locomotive engine
21445	21455	Engineer, mechanical/automotive
21445	21455	Engineer, mechanical/diesel
21445	21455	Engineer, mechanical/gas turbine
21445	21455	Engineer, mechanical/motors and engine (except marine)
21445	21455	Engineer, mechanical/motors and engines (marine)
21445	21455	Engineer, motor
21446	JPA	Engineer, mechanical J41
21449	New	Other mechanical engineers
21449	21459	Technologist, welding
21449	21459	Engineer, agricultural
21449	21459	Engineer, mechanical/agriculture
21451	21461	Engineer, chemical
21451	21461	Engineer, chemical process
21451	21461	Technologist, chemical process
21451	21461	Technologist, engineering/chemical
21452	21462	Engineer, chemical/petroleum and gas
21452	21462	Engineer, natural gas production and distribution
21452	21462	Technologist, fuel

21453	21463	Engineer, chemical/paints and varnish
21453	21463	Technologist, paint
21454	21464	Engineer, chemical/fertilizer
21455	21465	Engineer, chemical/pharmaceutical products
21456	21466	Engineer, chemical/food
21456	21466	Technologist, alcohol
21456	21466	Technologist, brewing
21456	21466	Technologist, food and drinks
21457	21467	Technologist, fiber
21457	21467	Technologist, plastics
21457	21467	Technologist, polymer
21458	21468	Technologist, paper
21458	21468	Technologist, rubber
21458	21468	Technologist, tire
21459	21468	Other chemical engineers
21461	21471	Engineer, mining
21462	21472	Assayer
21462	21472	Engineer, mining/metal
21462	21472	Metallurgist, assayer
21462	21472	Metallurgist, radioactive minerals
21463	21473	Engineer, mining/coal
21463	21473	Engineer, mining/diamonds
21463	21473	Engineer, mining/non metal
21464	21473	Engineer, mining/petroleum and natural gas
21465	21474	Engineer, metal testing
21465	21474	Metallurgist, extractive
21465	21474	Technologist, extractive
21465	21474	Metallurgist, foundry
21466	21476	Metallurgist, physical
21469	New	Other mining engineers and metallurgist
21491	New	Engineer, process
21491	21499	Engineer, project
21492	21499	Engineer, quality control
21492	New	Engineer, quality assurance
21493	21499	Adviser, technical service
21494	21499	Engineer, research
21495	New	Engineering executive, store
21511	21431	Engineer, electrical
21511	New	Engineer, electrical testing
21511	21431	Engineer, electrical systems
21511	21431	Technologist, engineering/electrical
21512	21432	Engineer, electrical/electric power generation
21512	21432	Engineer, electrical/high voltage
21512	21432	Engineer, power generation
21513	21433	Engineer, electrical/electric power distribution
21513	21433	Engineer, electrical/electric power transmission

21513	21433	Engineer, electrical/electric traction
21513	21433	Engineer, power distribution and transmission
21513	21433	Engineer, transmission/electric power
21514	21434	Engineer, electrical illumination
21515	21435	Engineer, electrical/electromechanical equipment
21516	JPA	Engineer, electrical J41
21519	21439	Other electrical engineer
21521	21441	Engineer, electronics
21521	21441	Technologist, engineering/electronics
21522	21442	Engineer, signal/railway
21523	21443	Engineer, computer
21523	21443	Engineer, computer applications
21523	21443	Engineer, computer hardware
21523	21443	Engineer, computer systems
21523	21443	Engineer, computer software
21523	21443	Engineer, electronics/computer hardware design
21523	21443	Engineer, electronics/information engineering
21523	21443	Engineer, information technology (IT)
21523	21443	Engineer, management information systems (MIS)
21523	21443	Engineer, network
21523	21443	Engineer, systems
21524	21444	Engineer, audio and video equipment
21524	21444	Engineer, sound systems
21525	21445	Engineer, electronics/semiconductors
21525	21445	Engineer, semi-conductor
21526	21446	Engineer, electronics/instrumentation
21526	21446	Engineer, mechantronics
21527	JPA	Engineer, electronics J41
21529	New	Other electronics engineers
21531	21442	Engineer, aerospace (telecommunications)
21531	21442	Engineer, telecommunications/aerospace
21531	21442	Engineer, telecommunications/radar
21531	21442	Engineer, telecommunications/signal systems
21532	21442	Technologist, engineering, telecommunications
21533	21442	Engineer, telecommunications/microwave
21533	21442	Engineer, telecommunications/radio
21533	21442	Engineer, telecommunications/telegraph
21533	21442	Engineer, telecommunications/telephone
21533	21442	Engineer, telecommunications/television
21539	New	Other telecommunication engineers
21611	JPA	Architect J41
21612	21415	Architect, interior
21613	21411	Architect, building
21619	New	Other building architects
21621	21413	Architect, landscape

21622	JPA	Architect, landscape J41
21629	New	Other landscape architect
21631	39514	Designer, commercial products
21631	39514	Designer, industrial products
21632	39514	Designer, cloth
21632	39514	Designer, dress
21632	39514	Designer, fashion
21632	39514	Designer, textile
21639	New	Other product and garment designers
21641	21412	Planner, town
21641	21412	Planner, urban and rural
21642	21414	Planner, traffic
21642	21414	Engineer, traffic
21643	JPA	Officer, land planning G41
21644	JPA	Officer, urban and rural planning J41
21649	New	Other town and traffic planners
21651	21482	Cartographer
21651	21485	Cartographer marine
21651	New	Map maker
21652	21481	Surveyor
21652	21497	Surveyor, quantity
21653	21483	Surveyor, land
21653	21483	Surveyor, topographic
21653	21484	Surveyor, mine
21654	JPA	Cartographer J41
21655	JPA	Surveyor J41
21656	JPA	Surveyor, quantity J41
21657	JPA	Surveyor, building J41
21658	21486	Surveyor, aerial
21658	21489	Surveyor, cadastral
21658	21489	Surveyor, geodesic
21658	21485	Surveyor, hydrographic
21658	21485	Surveyor, marine
21658	21487	Photogrammetrist
21658	21487	Surveyor, photographic
21659	New	Other cartographer and surveyors
21661	JPA	Designer B41
21662	21313	Designer, web
21663	21313	Specialist graphics and sound/computer
21664	21311	Designer, systems computer
21665	39511	Designer, graphic
21665	39511	Designer, typographical
21711	31411	Engineer, chief/ship
21712	31412	Engineer, ship

21712	New	Engineer, marine
21712	21457	Engineer, mechanical/naval
21712	21457	Engineer, ship construction
21713	31413	Marine superintendent, technical
21714	New	Architect, hovercraft
21714	New	Architect, marine
21714	21457	Architect, naval
21719	New	Other ship's engineers
21721	31421	Ship captain/master
21722	31422	Pilot, hovercraft
21722	31422	Pilot, ship
21723	31423	Captain, port
21723	31423	Harbour master
21724	31424	Officer, ship/deck
21724	31424	Ship navigator
21725	31425	Ferry captain
21726	31426	Marine superintendent (deck)
21727	JPA	Officer, marine A41
21729	New	Other ship's deck officers and pilot
21731	JPA	Pilot A41
21732	31431	Pilot, aircraft/airline
21732	31434	Pilot, helicopter
21733	31433	Navigator, flight
21734	31436	Instructor, flight
21735	New	Astronaut
21736	JPA	Inspector, aircraft A41
21737	31432	Engineer, flight
21737	21456	Designer, aircraft
21737	21456	Engineer, aeronautical
21737	New	Engineer, aircraft
21737	21456	Engineer, mechanical/aeronautics
21737	21456	Engineer, mechanical/aerospace
21738	JPA	Pilot examiner officer A41
21741	31440	Controller, air traffic
21742	JPA	Controller, air traffic A41
21743	31491	Officer, air cargo
21751	31495	Officer/controller, LRT/ ERL/monorail operation
21752	31129	Permanent-way inspector, railways
21791	31492	Officer, load sheet
21792	New	Executive, shipping
21799	New	Other transport controllers
21811	JPA	Officer, mining C41

21821	New	Executive, manufacturing
21822	New	Executive, quality assurance
21822	New	Officer/executive, quality control
21823	New	Executive, production
21824	New	Executive, warehouse
21824	New	Executive, store
21825	New	Executive, maintenance
21826	New	Assistant superintendent, sawmill
21826	New	Controller, bundling
21826	New	Controller, sawmill
21826	New	Log yard exchange, sawmill
21826	New	Officer, logs
21826	New	Superintendent, sawmill
21827	New	Assistant superintendent, boiler
21827	New	Superintendent, boiler
21831	New	Executive, contract
21832	New	Executive, project
21833	New	Executive, property
22111	22211	Doctor, medical
22111	22211	Medical practitioner
22111	22211	Officer, medical
22112	JPA	Officer, medical U41
22113	JPA	Officer, medical rehabilitation U41
22119	New	Other generalist medical practitioners
22121	22219	Specialist ear, nose and throat
22121	22215	Specialist, eye
22121	22216	Specialist, heart
22122	22213	Anaesthetist
22122	22213	Anaesthetist, cardiac anaesthesia
22123	22219	Oncologist, medical
22123	22219	Oncologist, radiotherapy
22124	22214	Psychiatrist
22125	22215	Ophthalmologist
22126	22216	Cardiologist
22127	22217	Genealogist
22128	JPA	Officer, science (radiology)
22129	22218	Neurologist
22129	22219	Dermatologist
22129	22219	Orthopaedist
22129	22219	Osteopath
22129	22219	Otolaryngologist
22129	32264	Podiatrist
22129	New	Prostheist
22129	22219	Urologist
22129	22219	Venereologist
22129	22219	Doctor medical insurance consultancy

22129	22213	Doctor medical/anaesthetics
22129	22216	Doctor medical/cardiology
22129	22217	Doctor medical/gynaecology
22129	22218	Doctor medical/neurology
22129	22217	Doctor medical/obstetrics
22129	22215	Doctor medical/ophthalmology
22129	22214	Doctor medical/psychiatry
22129	22219	Doctor medical/radiology
22129	22219	Doctor, skin
22129	22217	Obstetrician and gynaecologist
22129	22217	Obstetrician and gynaecologist, fertility
22129	22217	Obstetrician and gynaecologist, fetomaternal medicine
22129	22217	Obstetrician and gynaecologist, oncology
22129	22219	Paediatrician
22129	22219	Paediatrician, cardiology
22129	22219	Paediatrician, gastroenterology
22129	22219	Paediatrician, haematology
22129	22219	Paediatrician, nephrology
22129	22219	Paediatrician, neurology
22129	22219	Paediatrician, oncology
22129	22219	Paediatrician, respiratory
22129	22211	Physician
22129	22216	Physician, cardiology
22129	22219	Physician, dermatology
22129	22219	Physician, endocrinology
22129	22219	Physician, family medicine
22129	22219	Physician, gastroenterology
22129	22219	Physician, haematology
22129	22219	Physician, internal medicine
22129	22219	Physician, nephrology
22129	22218	Physician, neurology
22129	22219	Physician, respiratory medicine
22129	22219	Physician, rheumatology
22129	22219	Radiologist
22129	22219	Radiologist, diagnostic
22129	22219	Radiologist, interventional
22129	22219	Radiologist, nuclear medicine
22129	22219	Radiologist, radiotherapy
22129	22212	Surgeon
22129	22212	Surgeon, ear, nose and throat
22129	22212	Surgeon, urology
22129	22212	Surgeon, cardiology
22129	22212	Surgeon, cardiothoracic
22129	22212	Surgeon, hepatic
22129	22212	Surgeon, neurosurgery
22129	22212	Surgeon, ophthalmology
22129	22212	Surgeon, orthopedic
22129	22212	Surgeon, osteopathic
22129	22212	Surgeon, paediatric

22129	22212	Surgeon, plastic and reconstructive
22129	22212	Surgeon, thoracic
22129	22212	Neurosurgeon
22129	22212	Surgeon, transplant
22129	22212	Surgeon, traumatology
22129	22212	Surgeon, vascular
22401	New	Paramedic, emergency
22402	JPA	Instructor, health U41
22501	22231	Veterinarian
22501	22231	Veterinarian, epidemiology
22502	22232	Surgeon, veterinary
22502	22232	Veterinarian, surgery
22503	22233	Veterinarian, abattoir (government services)
22503	22233	Veterinarian, public health
22504	JPA	Officer, veterinary G41
22509	New	Other veterinarian
22611	22221	Dentist
22612	22222	Dentist, pedodontistry
22612	22222	Pedodontist
22613	22223	Dentist, orthodontistry
22613	22223	Orthodontist
22614	22224	Dentist, prosthodontistry
22614	22224	Prosthodontistry
22615	22225	Dentist, periodontistry
22615	22225	Periodontist
22616	22226	Dentist, oral surgery
22616	22226	Surgeon, oral/dentistry
22617	JPA	Officer, dental U41
22619	22229	Other dentists
22621	22241	Pharmacist
22622	22242	Pharmacist, industrial
22623	22243	Pharmacist, retail
22624	22244	Pharmacist, hospital
22625	JPA	Officer, pharmacy U41
22629	New	Other pharmacist
22631	32221	Sanitarian
22631	31521	Officer, occupational safety and health
22632	JPA	Officer, environmental health U41
22633	JPA	Inspector, factory and machinery J41
22639	New	Other environmental and occupational health and hygiene professionals
22641	32261	Physiotherapist
22642	32261	Therapist, physical
22642	32265	Masseur, physiotherapy

22642	32263	Masseur, therapeutic
22642	New	Therapy, muscular
22642	New	Massage therapist
22643	32265	Chiropractor
22644	JPA	Physiotherapist U29
22651	32231	Dietician
22651	32233	Dietician, hospital
22651	32233	Dietician, public health
22651	32233	Dietician, therapeutic
22652	32232	Nutritionist
22652	32232	Nutritionist, animal
22652	32234	Nutritionist, public health
22652	32234	Nutritionist, research
22653	32235	Consultant, dietetic/food processing
22654	JPA	Officer, food technology C41
22655	New	Officer, health
22655	New	Educator, health
22656	JPA	Officer, dietetic U41
22659	New	Other dieticians and nutritionists
22661	32292	Audiologists
22662	32293	Therapist, orientation of the blind
22662	32293	Therapist, speech
22663	32299	Orthoepist
22663	32299	Orthophonist
22671	32242	Optometrists
22672	32241	Optician
22672	32241	Optician, ophthalmic
22672	32241	Orthoptist
22673	JPA	Optometrists U41
22681	32262	Therapist, occupational
23101	23101	Lecturer, college
23101	23101	Lecturer, polytechnic
23102	23102	Leader, university
23102	23102	Lecturer, university
23103	23103	Professor, university/college
23104	23104	Tutor, university
23105	JPA	Lecturer, university DS45
23106	JPA	Lecturer, medical DU45
23107	JPA	Lecturer, UiTM DM41
23201	23201	Teacher, technical
23201	23203	Teacher, vocational
23202	23203	Teacher, commercial
23209	New	Other vocational education teacher

23301	23202	Teacher, secondary education
23301	New	Officer, graduate teacher
23302	23201	Teacher, pre-university
23411	33100	Teacher, primary education
23412	JPA	Officer, non-graduate teacher DGA29
23421	33200	Teacher, kindergarten
23421	33200	Teacher, nursery
23421	33200	Teacher, pre-primary
23511	New	Teacher, music
23521	33902	Teacher, fine arts
23531	33904	Teacher, modeling
23601	New	Teacher, language
23601	23991	Teacher for the exceptionally intelligent
23602	23992	Teacher, remedial/professional
23701	33907	Teacher, Islamic religion
23701	33907	Ustaz/Ustazah
23709	New	Other religion teachers
23811	JPA	Officer, vocational training J41
23812	JPA	Assistant officer, vocational training J29
23813	JPA	Assistant, vocational training J17
23814	JPA	Officer, training E41
23911	23920	Inspector, school
23912	33903	Teacher, home economics
23913	33905	Teacher, correspondence
23914	33901	Teacher, adult education
23915	23913	Specialist, audio-visual and other teaching aids
23915	23913	Specialist, audio-visual teaching
23915	23913	Specialist, teaching aids
23915	23913	Specialist, visual teaching aids
23916	JPA	Lecturer, dental DUG45
23921	23301	Teacher, special education/for the deaf
23922	23302	Teacher, special education/for the dumb
23923	23303	Teacher, special education/for the blind
23924	23304	Teacher, special education/for the mentally handicapped
23925	23305	Teacher, special education/for the physically handicapped
23931	23993	Satellite-instruction facilitator

23991	23911	Evaluator and researcher, education systems
23992	23912	Adviser, education methods
23993	23914	Curricula developer
23994	JPA	Officer, higher learning education services DH41
24111	24101	Accountant
24112	JPA	Accountant W41
24113	24102	Accountant, auditing
24113	24102	Auditor
24113	New	Executive, audit
24113	New	Executive, audit and risk assessment
24113	24103	Accountant, cost
24114	24104	Accountant, tax
24114	24104	Tax consultant
24115	24105	Liquidator
24116	New	Accountant, group
24116	24101	Accountant, chartered
24116	24101	Accountant, company
24116	24101	Accountant, municipal
24116	24101	Accountant, public
24116	New	Accountant, management
24116	New	Officer/executive, account
24117	JPA	Auditor W41
24119	New	Other accountants
24121	New	Adviser, financial and investment
24121	New	Planner, financial
24121	New	Corporate financial
24122	New	Adviser, E-commerce
24131	24201	Financial analyst
24132	New	Financial controller
24132	New	Executive, finance
24133	JPA	Officer, finance W41
24139	New	Other financial analysts
24211	24901	Analyst, market research/business
24211	21212	Analyst, operation research
24211	New	Analyst, organization and methods
24211	New	Analyst, research and information
24211	New	Consultant, business
24211	New	Consultant, management
24211	24901	Specialist, business efficiency
24211	24903	Specialist, sales promotion method
24212	24905	Officer, press
24212	24905	Officer, press liaison
24213	JPA	Officer, information S41
24214	JPA	Officer, evaluation W41
24215	JPA	Officer, appraiser W41

24216	JPA	Officer, research Q41
24217	24907	Home economist
24217	24908	Officer, tourist
24219	New	Other management and organization analysts
24221	24903	Media planner
24222	24908	Patent agent
24223	New	Analyst, policy
24223	New	Officer, intelligence
24224	JPA	Officer, administrative and diplomatic M41
24229	New	Other policy administration professional
24231	24301	Officer, personnel
24231	24305	Officer, personnel safety
24231	24301	Officer/executive, human resource
24231	24301	Specialist, personnel
24232	24302	Analyst, occupational
24232	24302	Job analyst
24232	24302	Job evaluator
24233	24304	Adviser, career
24233	24304	Conciliator, labour management relations
24233	New	Counselor
24233	New	Counselor, education
24233	New	Counselor, marriage
24233	24304	Counselor, employment
24233	24304	Counselor, vocational guidance
24233	24304	Officer, occupational guidance
24233	24304	Student counselor, vocational
24234	24308	Consultant, personnel
24239	New	Other personnel and careers professionals
24241	24307	Officer, staff training
24241	New	Officer, staff vocational training
24251	39224	Executive, administrative
24252	JPA	Officer, administrative N41
24253	23994	Registrar, college or university
24311	24903	Executive account, advertising
24319	New	Other advertising and marketing professional
24321	24306	Officer, industrial relations
24321	24904	Officer/executive, public relations
24321	New	Officer/executive, customer service
24321	New	Executive, corporate affairs
24322	24904	Publicity agent
24323	New	Executive, corporate communication
24324	JPA	Officer, industrial relations S41
24329	New	Other public relation professional

24331	34151	Medical sales representatives
24332	34153	Adviser, technical
24332	34152	Agent, sales/technical
24332	34152	Technical sales representatives
24339	New	Other technical and medical sales
24341	New	Information and communications technology (ICT) sales professionals
24351	New	Sales and marketing professionals
24411	JPA	Superintendent, customs W41
24451	New	Superintendent, police
24452	JPA	Officer, investigation KR41
24461	JPA	Officer, Kesatria S41
24462	39119	Officer, civil defence
24463	JPA	Officer, civil defence KP41
24491	JPA	Superintendent, fireman KB41
24492	JPA	Officer, security KP41
24493	JPA	Superintendent, prison KX41
24494	JPA	Officer, enforcement N41
24495	JPA	Inspector, patent Q41
24496	JPA	Superintendent officer, maritime X13
24497	JPA	Officer, registration KP41
25111	21311	Analyst, systems/computer
25111	21314	Analyst, communications/computer
25111	21312	Analyst, management information systems (MIS)
25111	New	Consultant, computer
25111	New	Consultant, information technology
25111	New	Consultant, systems
25111	21317	Analyst, electronic data processing (PDE)
25112	New	Analyst, business (information technology)
25119	New	Other systems analysts
25121	21316	Multi-media software developer
25121	21316	Software developer
25122	New	Analyst, programmer
25123	New	Designer, software
25129	New	Other software developer
25131	21313	Developer, web site/Internet/Intranet
25132	New	Architect, website
25133	New	Programmer, animation/computer games/multimedia
25139	New	Other web and multimedia developer

25141	21321	Programmer, computer
25141	New	Programmer, software
25141	New	Programmer, information technology
25141	21321	Programmer, technical
25142	21322	Programmer, communication
25143	21323	Programmer, data-base
25144	21324	Programmer, systems
25145	21325	Programmer, analyst
25145	21325	Programmer, applications
25146	21326	Programmer, multimedia
25147	21391	Researcher, information technology
25149	New	Other programmers
25191	New	Analyst, quality assurance
25192	New	Tester, software
25193	New	Tester, systems
25211	21394	Administrator, database
25211	21315	Designer, database
25211	21315	Analyst, database/computer
25211	New	Architect, database
25212	21392	Auditor computer
25213	21394	Administrator, electronic data processing (PDE)
25219	New	Other database designers and administrators
25221	New	Administrator, systems
25221	New	Administrator, computer systems
25221	New	Administrator, network
25221	New	Executive, network communications
25221	New	Officer, information system
25221	New	Officer, information technology support
25222	JPA	Officer, information technology F41
25291	New	Security specialist, ICT
26111	25011	Lawyer
26111	25011	Lawyer, civil
26111	25011	Lawyer, conveyancing
26111	25011	Lawyer, criminal
26111	25011	Lawyer, litigation
26111	25012	Prosecutor
26111	25013	Attorney general
26111	25014	Solicitor
26111	25015	Adviser, legal
26111	25015	Officer/executive, legal
26111	25015	Federal counsel (government service)
26111	25016	Advocate
26111	25017	Barrister
26112	JPA	Prosecutor L41

26113	JPA	Solicitor L41
26114	JPA	Adviser, legal L41
26115	JPA	Legal drafter L41
26116	JPA	Legal officer, legal aid bureau L41
26117	JPA	Advocate L41
26119	New	Other lawyer
26121	25021	Judge, federal court
26121	25021	Judge, high court
26121	25022	Judge, sessions court
26122	JPA	Officer, Syariah LS41
26123	25023	Magistrate
26124	25024	President/Chairman industrial court
26125	JPA	Magistrate L41
26126	JPA	Officer, Islamic affair S41
26129	New	Other judges
26191	25091	Commissioner for oaths
26191	25091	Notary
26192	25092	Registrar of court
26193	25093	Public trustee
26193	25094	Officer, trust
26194	JPA	Officer, anti-drug S41
26195	25095	Official assignee (high court)
26196	25096	Officer, bankruptcy
26197	25097	Coroner
26197	25097	Court receiver and liquidator
26198	25099	Appeals referee, social security claims
26198	25099	Arbitrator, insurance claims
26198	25099	Drafter, parliamentary
26198	25099	Handwriting expert
26199	New	Other legal professionals not elsewhere classified
26211	29111	Archivist
26211	29111	Curator
26212	29112	Curator, museum
26213	29113	Curator, art gallery
26214	JPA	Officer, archivist S41
26215	JPA	Curator S41
26221	New	Executive, library
26221	29121	Librarian
26222	29122	Librarian, children's
26223	29123	Librarian, film
26223	29123	Librarian, audio-visual
26224	29124	Bibliographer
26225	29125	Cataloguer
26225	29125	Documentalist
26226	29126	Information scientist, business services

26226	29126	Information scientist, technical information
26227	JPA	Librarian S41
26229	New	Other librarians and related professionals
26311	29212	Econometrician
26311	29212	Economist
26311	29212	Economist, econometrician
26312	JPA	Officer, economy affairs E41
26319	New	Other economists
26321	29241	Social ecologist
26321	29241	Sociologist
26321	29241	Sociologist, social pathology
26322	29242	Anthropologist
26323	29243	Archaeologist
26324	29244	Geographer
26325	29245	Criminologist
26325	29245	Penologist
26326	29246	Ethnologist
26327	JPA	Officer, social research N41
26329	New	Other sociologist, anthropologists and related professionals
26331	29221	Philosopher
26331	29221	Philosopher, political
26332	29222	Historian
26333	29223	Political scientist
26339	New	Other philosopher, historian and political scientists
26341	29230	Psychologists
26342	JPA	Psychologists S41
26351	29250	Social worker, professional
26352	JPA	Officer, cultural B41
26353	JPA	Officer, social development S41
26354	JPA	Officer, youth & sport S41
26361	New	Officer, religious
26362	29402	Mufti
26363	29403	Imam
26364	29404	Kadhi
26365	29405	Bilal
26366	29406	Priest, church
26367	29407	Priest, temple
26369	New	Other religious professional
26411	29311	Author
26411	29311	Biographer
26411	29311	Novelist
26412	29312	Critic

26412	29312	Essayist
26412	29312	Humorist
26412	29312	Playwright
26412	29312	Poet
26412	29312	Versifier
26412	29312	Writer, comedy
26413	29313	Copywriter, advertising
26414	29319	Lyricist
26414	29314	Writer, fiction
26414	29314	Writer, publicity
26414	29314	Writer, script
26414	29314	Writer, song
26414	29314	Writer, technical
26415	29316	Editor
26415	29316	Editor, book
26416	29316	Proofreader
26419	New	Other author and related writers
26421	29319	Columnist
26421	29315	Journalist
26421	29315	Reporter, news
26422	29316	Editor, radio and television news broadcasting
26422	New	Political editor
26423	JPA	Journalist S41
26429	New	Other journalist
26431	39401	Translator
26432	39402	Interpreter
26433	39403	Philologist
26433	39403	Lexicographer
26434	JPA	Officer, language planner S41
26435	JPA	Interpreter L17
26436	JPA	Simultaneous linguist N41
26511	29321	Sculptor
26512	29323	Cartoonist
26513	29323	Animator
26514	29324	Engraver-etcher, artistic
26514	29324	Restorer painting
26515	29322	Artist
26515	29328	Artist, computer/visualizer
26515	29327	Artist, landscape
26515	29326	Artist, painting
26519	New	Other visual artists
26521	29331	Instrumentalist
26521	29338	Musicologist
26522	29333	Arranger, music
26522	39531	Band leader

26522	29332	Composer, music
26522	29337	Director, music
26522	New	Adiguru - shadow puppet theatre
26522	New	Adiguru - ancient Malay dance-theatre
26522	39532	Musician
26522	29333	Orchestrator
26523	29334	Conductor, band
26523	29334	Conductor, orchestra
26523	29335	Conductor, vocal group
26524	29336	Singer/vocalist
26525	JPA	Musician B41
26529	New	Other musician, singers and composers
26531	29342	Dancer
26531	39532	Dancer, night club
26532	29341	Choreographer
26533	29343	Director, dance
26534	29344	Arranger, dance
26539	New	Other dancers and choreographers
26541	29355	Director, motion picture
26541	29354	Director, photography (motion picture)
26541	29353	Director, radio and television
26541	29353	Director, radio and television broadcasting
26541	29356	Director, stage
26541	29352	Director, theatrical
26541	12292	Producer, motion picture
26542	29357	Editor, film and video
26542	29316	Editor, press
26543	12292	Producer, stage
26543	12292	Producer, television
26543	12292	Producer, theatre
26544	JPA	Officer, publication N41
26545	JPA	Officer, film lab C41
26546	JPA	Producer B41
26549	New	Other film, stage and related producers, directors and actors
26551	29351	Actor
26551	29359	Impersonator
26552	29359	Story teller
26552	29359	Story teller, radio or television
26553	JPA	Artist, cultural B27
26559	New	Other actor
26561	39521	Announcers, radio and television
26561	39522	Compeer
26561	39525	Disc jockey
26561	39522	Master of ceremonies
26562	39524	Interviewer, media

26562	39524	Newscaster/commentator
26562	39522	Promptor
26563	39526	Presentation support assistant
26563	39527	Programme preparer
26569	New	Other announcers on radio, television and other media
26571	39541	Acrobat
26572	39542	Contortionist
26573	39543	Magician
26574	39544	Clown
26574	39544	Mimic
26574	39544	Ventriloquist
26575	39548	Aerialist/trapeze performer
26575	39546	Circus performer, animal
26575	39545	Juggler
26575	39547	Snake charmer
26579	New	Other creative or performing artists
26581	39552	Performer/trainer in zoological, bird and aquatic parks
26582	39553	Performer/trainer in crocodile farm
26583	39559	Trainer, dog
26584	39559	Trainer, horse
26589	39559	Other animal keepers and trainers
26591	New	Creative and performing artists not elsewhere classified
27111	New	Food and beverage administrative captain
27111	New	Food and beverage administrator
27111	New	Food and beverage officer/executive
27112	New	Food and beverage captain
27112	New	Food and beverage coordinator
27112	New	Food and beverage guest services executive
27113	New	Food and beverage personnel
27114	New	Officer, guest service
27115	New	Executive, hotel operations
27121	New	Kitchen administrator
31111	31111	Laboratory assistant, physical science
31111	31112	Technician, laboratory (physical science)
31111	31113	Technician, physical science
31111	31113	Laboratory assistant, chemistry
31111	31112	Technician, chemistry
31111	31113	Laboratory assistant, physics
31111	31113	Technician, geophysics
31111	31113	Technician, physics
31112	JPA	Assistant officer, meteorology C27
31113	JPA	Assistant, meteorology C17
31114	31114	Laboratory assistant, soil

31114	31114	Technician, soil
31115	31115	Assistant, meteorological
31115	31115	Technician, meteorological
31116	31116	Laboratory assistant, geological
31116	31116	Technician, geological
31117	31117	Conductor, laboratory research estate/plantation
31119	New	Other chemical and physical science technicians
31119	31119	Technician, astronomy
31119	31119	Technician, oceanography
31121	31121	Technician, engineering/civil
31121	31121	Engineering assistant, civil
31121	31122	Clerk-of-work
31121	31124	Estimator, engineering/civil
31122	JPA	Technical assistant, architecture J29
31123	JPA	Technical assistant, civil J29
31124	JPA	Technician, engineering/civil J17
31125	JPA	Technician, architecture J17
31131	31131	Technician, engineering/electrical
31131	31131	Engineering assistant, electrical
31131	New	Supervisor, electrical
31131	New	Supervisor, electrical and instrument
31131	31131	Technical assistant, electrical
31131	New	Technician, wire cutting
31132	31132	Engineering assistant, electrical (high voltage system)
31132	31132	Technician, engineering/electrical (high voltage)
31133	31133	Technician, engineering/electrical (electric power transmission)
31134	31134	Estimator, engineering/electrical
31135	JPA	Technical assistant, electrical J29
31136	JPA	Technician, engineering/electrical J17
31139	New	Other electrical engineering technicians
31141	31141	Technician, engineering/electronics
31141	31141	Engineering assistant, electronics
31142	31146	Estimator, engineering/electronics
31143	JPA	Technical assistant, electronics J29
31144	JPA	Technician, engineering/electronics J17
31149	New	Other electronics engineering technicians
31151	31151	Technician, engineering/mechanical
31151	31151	Engineering assistant, mechanical
31151	31151	Technician, engineering/mechanical (agriculture)
31151	31151	Technician, engineering/mechanical (industrial machinery and tools)
31151	31151	Technician, engineering/mechanical (instruments)
31151	31151	Technician, engineering/mechanical (lubrication)
31151	New	Technician, rotary
31151	31152	Engineering assistant, mechanical, motors and engines (except marine and aeronautical)

31151	31152	Technician, engineering/mechanical (motors and engines)
31151	31153	Engineering assistant, automobile
31151	31153	Technician, engineering/automobile
31151	31157	Estimator, engineering/mechanical
31151	31154	Engineering assistant, aeronautical (mechanical) and equipment
31151	31154	Technician, engineering/aeronautical (mechanical)
31151	31154	Technician, engineering/aerospace (mechanical)
31151	31155	Technician, engineering/refrigeration and air-conditioning system and equipment
31152	JPA	Technical assistant, mechanical J29
31153	JPA	Technician, engineering/mechanical J17
31154	31156	Dockmaster, dry dock
31154	31156	Dockmaster, graving dock
31155	New	Engineering assistant, marine
31155	31156	Technician, engineering/marine
31156	31156	Technician, engineering/mechanical (ship construction)
31157	JPA	Technical assistant, aircraft A29
31158	New	Technician, hydraulic hose
31158	31158	Technician, test
31159	New	Other mechanical engineering technicians
31161	31161	Technician, engineering/chemical
31161	31161	Engineering assistant, chemical
31161	31161	Technician, engineering/process
31162	31162	Engineering assistant, chemical (petroleum)
31162	31162	Laboratory assistant, petroleum refining
31162	31162	Technician, engineering/chemical (petroleum)
31162	31162	Technician, engineering/petroleum
31162	31162	Technician, petroleum refining
31162	31162	Technologist, oil
31163	31163	Core analyst (petroleum and natural gas)
31164	31164	Estimator, engineering/chemical
31165	JPA	Assistant officer, geochemist C27
31169	New	Other chemical engineering technicians
31171	31171	Laboratory assistant, metallurgy
31171	31171	Metallurgy assistant, extractive
31171	31171	Technician, metallurgy
31171	31171	Technician, metallurgy/extractive
31172	31172	Metallurgy assistant, physical
31172	31172	Technician, metallurgy/assaying
31172	31172	Technician, metallurgy/foundry
31172	31172	Technician, metallurgy/physical
31172	31172	Technician, metallurgy/radioactive minerals
31173	31173	Mining assistant, general
31173	31173	Technician, engineering/mining
31174	31174	Acidiser, oil and gas well
31174	31174	Petroleum and natural gas extraction assistant
31174	31174	Shooter, oil and gas wells
31174	31174	Technician, petroleum and natural gas extraction

31174	31174	Treater, well acidising
31175	JPA	Assistant officer, mining C27
31176	JPA	Assistant, mining C17
31179	New	Other mining and metallurgical technicians
31181	31181	Draughtsperson
31181	31181	Draughtsperson, technical
31181	31181	Technician, draughting
31181	31181	Tracer
31181	31182	Draughtsperson, engineering/civil
31181	31183	Draughtsperson, architectural
31181	31183	Draughtsperson, structural
31181	31184	Draughtsperson, engineering/marine
31181	31185	Draughtsperson, engineering/electrical
31181	31185	Draughtsperson, engineering/electronics
31181	31186	Draughtsperson, engineering/mechanical
31181	31187	Draughtsperson, cartographical
31181	31187	Draughtsperson, topographical
31181	31188	Draughtsperson, geological
31181	31188	Draughtsperson, mining
31181	31189	Draughtsperson, die
31181	31189	Draughtsperson, engineering/aeronautical
31181	31189	Draughtsperson, engineering/heating and ventilation systems
31181	31189	Draughtsperson, jig & tool
31181	31189	Draughtsperson, lithographic
31181	31189	Draughtsperson, technical illustration
31182	JPA	Draughtsperson J17
31183	JPA	Technician, landscape J17
31184	JPA	Technical assistant, landscape J29
31185	JPA	Assistant officer, land administrative N27
31186	JPA	Assistant officer, land planning G27
31187	JPA	Assistant officer, urban and rural planning J29
31188	JPA	Technician, urban and rural planning J17
31189	31189	Illustrator, engineering
31189	31189	Illustrator, technical
31191	31191	Technician, CAD/CAM
31191	31192	Technician, automation/robot
31191	31193	Technician, mechatronics
31191	31196	Technician, engineering/value
31191	31197	Technician, engineering/safety
31191	31198	Designer, engineering
31192	31123	Assistant, surveyor
31192	New	Assistant surveyor, building
31192	31194	Technician, quantity surveyor
31192	31123	Technical assistant, surveyor
31193	JPA	Technical assistant, quantity surveyor J29
31194	31195	Engineering assistant, production
31194	31195	Technician, engineering/time and motion study

31194	31195	Engineering assistant, time and motion study
31194	31195	Technician, engineering/industrial efficiency
31194	31195	Technician, engineering/industrial layout
31194	31195	Technician, engineering/methods
31194	31195	Technician, engineering/planning
31194	31195	Technician, engineering/production
31194	31195	Technician, engineering/systems (except computers)
31194	31195	Technician, engineering/work study
31195	JPA	Technical assistant, surveyor J29
31196	JPA	Technical assistant surveyor, building J29
31197	JPA	Technician, quantity surveyor J17
31198	JPA	Technician, surveyor J17
31199	New	Other physical and engineering science technicians not elsewhere classified
31211	New	Supervisor, mining
31221	New	Supervisor, compounding
31222	New	Supervisor, cutter
31222	New	Supervisor, finished goods
31222	New	Supervisor, packaging
31222	New	Supervisor, finishing
31222	New	Technician, cutting
31223	New	Supervisor, maintenance
31223	New	Technician, maintenance
31224	New	Supervisor, manufacturing
31224	New	Supervisor, production
31224	New	Supervisor, shift
31224	New	Supervisor, store
31224	New	Technician, material store
31224	New	Technician, warehouse
31225	New	Master, sawyer
31225	New	Supervisor, plywood inspection
31225	New	Supervisor, sawmill
31225	New	Technician, log yard
31226	New	Supervisor, chief hookman
31227	New	Supervisor, boiler
31228	New	Supervisor, quality control
31228	New	Technician, quality control
31231	New	Supervisor, operation
31231	New	Supervisor, project
31232	New	Supervisor, construction
31232	New	Supervisor, site
31291	New	Supervisor, environmental
31292	New	Supervisor, facilities
31293	New	Supervisor, general
31294	New	Supervisor, logistic

31311	81610	Load dispatcher, electric power
31312	81610	Operator, electrical switchboard
31313	81610	Operator, hydroelectric station
31314	81610	Operator, power generating plant
31315	81610	Operator, turbine
31321	81691	Operator, stationary engine
31322	81692	Operator, compressor
31322	81692	Operator, compressor/gas
31323	81693	Operator, incinerator plant
31324	81694	Operator, pumping station
31325	81695	Operator, heating and ventilation equipment
31326	81696	Operator, refrigeration system
31327	JPA	Operator, water treatment plant R3
31328	81697	Operator, water treatment plant
31328	81698	Operator, sewage plant
31329	81699	Machine operator, ice production
31329	81699	Operator, hopper
31329	81699	Incinerator, water treatment and related plant operators not elsewhere classified
31331	New	Supervisor, plant
31341	81551	Pumpman (petroleum refining)
31342	81552	Stillman (petroleum refining)
31343	81553	Controlman (petroleum refining)
31344	81554	Desulphuriser operator, petroleum refining
31344	81554	Operator, acetylene plant
31344	81554	Operator, chlorine plant
31344	81554	Operator, gas plant
31344	81554	Operator, oxygen plant
31345	81555	Operator, paraffin plant
31346	81556	Blender (petroleum refining)
31347	81557	Operator, treater/petroleum and natural gas refining
31348	81558	Operator, pumping-station/petroleum and natural gas
31349	81591	Cylinder filler & tester (compressed & liquefied gases)
31349	81591	Operator, liquefaction plant/gases
31349	81591	Other petroleum and natural gas refining plant operators
31351	81228	Manipulator, rolling-mill, metal
31351	81228	Guide setter
31391	JPA	Assistant officer, food technology C27
31392	JPA	Assistant officer, food preparer C27
31393	New	Technical, food processing
31411	32111	Technician, biological
31412	32112	Assistant, entomological
31412	32112	Technician, entomological
31413	32113	Laboratory assistant, research/botanical

31413	32113	Technician, botanical
31414	32114	Laboratory assistant, research, artificial breeding
31414	32114	Technician, artificial breeding
31415	32115	Laboratory assistant, research/zoological
31415	32115	Technician, zoological
31416	32116	Taxidermist
31417	JPA	Assistant officer, wild life G27
31421	32121	Technician, agronomy
31422	32121	Technician, crop research
31423	32123	Technician, soil science
31424	32124	Technician, floriculture
31424	32124	Technician, horticulture
31424	32124	Technician, olericulture
31424	32124	Technician, pomology
31424	New	Technician, plant nursery
31424	New	Technical, turf/golf
31424	New	Superintendent/ground master
31425	35012	Conductor, field and factory/oil palm plantation
31425	35011	Conductor, field and factory/rubber plantation
31426	JPA	Assistant officer, agricultural G27
31431	32122	Technician, arboriculture
31431	32122	Technician, forestry
31431	32122	Technician, silviculture
31432	JPA	Assistant conservation, forest G27
31441	JPA	Assistant officer, fishery G27
31442	New	Supervisor, hatchery/prawn
31442	New	Technician, hatchery/prawn
31511	31493	Technician, air traffic safety
31512	JPA	Assistant officer, air traffic control A29
31521	31427	Berthing master
31522	31428	Skipper, yacht
31523	31453	Traffic supervisor (ships cargo)
31524	JPA	Assistant officer, marine A29
31525	New	Technician, engine (boat)
31531	New	Supervisor, railway services
31532	New	Supervisor, LRT railway
31533	New	Inspector, railway
31591	31451	Station master, bus
31592	31452	Road transport service supervisor
31599	31452	Other transport technicians
31601	JPA	Assistant officer, science (nuclear research) C27

32111	JPA	Technician, x-ray U29
32121	32111	Technician, anatomy
32121	32111	Technician, bacteriology
32121	32111	Technician, biochemistry
32121	32111	Technician, biophysics
32121	32111	Technician, blood-bank
32121	32111	Technician, cytology
32121	32111	Technician, ecology
32121	32111	Technician, genetics
32121	32111	Technician, haematology
32121	32111	Technician, histology
32121	32111	Technician, pharmacology
32122	32111	Technician, medical science
32122	32111	Technician, pathology
32122	32111	Technician, physiology
32122	32111	Technician, serology
32122	32111	Technician, tissue
32123	32112	Assistant, parasitological
32124	JPA	Technologist, medical laboratoryU29
32125	JPA	Technician, medical U19
32129	32112	Other life science technicians
32131	32280	Assistant, pharmaceutical
32132	32280	Laboratory assistant, pharmaceutical
32133	JPA	Assistant, pharmacist U29
32141	JPA	Technologist, dental U29
32151	32266	Osteopath, lay
32152	32291	Technician, orthopedic
32152	32291	Technician, prosthetic
32211	32311	Matron, medical
32211	32311	Nurse
32211	32311	Nurse instructor
32211	32311	Nurse, public health (medical)
32211	32311	Nurse tutor
32211	32311	Sister
32212	32312	Nurse, operation theatre
32212	32312	Nurse, orthopedic
32212	32312	Nurse, paediatric
32212	32312	Nurse, psychiatric
32212	32312	Nurse, specialized
32213	New	Factory medic
32213	32313	Nurse, industrial
32213	32313	Nurse, occupational health
32214	JPA	Nurse U29

32215	JPA	Nurse, community U19
32219	32313	Other nursing associate professionals (except dental)
32221	32320	Midwife
32301	32411	Physician, Malay traditional medicine
32302	32412	Physician, Chinese traditional medicine
32302	32416	Dispenser, Chinese traditional medicine
32303	32413	Physician, Indian traditional medicine (ayurvedic)
32304	32414	Physician, Indian traditional medicine (homeopathic)
32305	32415	Acupuncturist
32306	32294	Homeopath
32307	32295	Naturopath
32307	New	Village healer
32308	32420	Faith healers
32309	32420	Other traditional medicine practitioner
32401	32271	Assistant, veterinary
32402	32272	Assistant, veterinary/artificial insemination
32403	32273	Vaccinator, veterinary
32404	JPA	Assistant officer, veterinary G27
32405	JPA	Assistant, veterinary G17
32511	32251	Nurse, dental
32511	32251	Nurse, public health/dental
32511	32251	Nurse, school/dental
32512	32252	Assistant, dental
32513	JPA	Nurse, dental U29
32531	32210	Assistant, hospital
32531	32210	Assistant, medical
32531	New	Feldchers
32531	32210	Laboratory assistant, medical
32532	New	Assistant, clinic
32532	New	Instructor, clinical
32533	JPA	Assistant, medical U29
32541	32241	Optician, contact-lens dispensing
32551	New	Electrotherapist
32559	New	Other physiotherapy technician and assistants
32561	31391	Operator, medical x-ray equipment
32561	31392	Radiographer, medical, general
32561	New	Radiographer
32562	31392	Operator, electrocardiograph equipment
32563	31393	Operator, electroencephalograph equipment
32563	31393	Operator, scanning equipment
32564	31394	Sonographer

32565	New	Ultrasonographer
32569	New	Other medical assistant
32571	31521	Inspector, occupational health and safety
32571	31524	Inspector, quality product
32571	New	Technician, health and safety
32571	31525	Inspector, public health
32572	JPA	Assistant officer, environmental health U29
32573	31526	Inspector, safety and health/consumer protection
32573	32222	Inspector, safety and health/pollution
32573	New	Inspector, sanitary
32574	JPA	Assistant officer, environmental control C27
32575	31523	Inspector, safety/vehicles
32576	JPA	Assistant inspector, factory & machinery J29
32577	JPA	Examiner, motor/vehicles A17
32581	New	Ambulance worker
32591	New	Health associate professionals not elsewhere classified
33111	34121	Broker, securities
33112	34122	Broker, stock and shares
33113	34123	Broker, foreign exchange
33114	34124	Jobber
33115	34125	Broker, investment
33119	34125	Other securities and finance dealers and brokers
33121	New	Officer/executive, credit control
33121	New	Officer, loan
33121	New	Officer, mortgage
33121	New	Supervisor, credit
33122	New	Cost controller
33122	New	Executive, claims
33122	New	Officer, general ledger
33122	New	Officer/executive, costing
33131	34110	Assistant officer, account
33131	New	Assistant, financial
33132	JPA	Assistant, auditor W27
33133	New	Supervisor, financial
33134	JPA	Assistant, accountant W27
33141	JPA	Assistant officer, statistical E27
33142	39212	Assistant, mathematical
33143	39213	Assistant, actuarial
33144	39214	Assistant, research
33149	New	Other statistical, mathematical and actual associate professionals
33151	34171	Auctioneer

33151	34172	Appraiser
33152	JPA	Assistant officer, appraiser W27
33153	34172	Valuer
33153	New	Revenue Assessor
33154	JPA	Assistant officer, evaluation W27
33155	34172	Assessor, claims
33155	34172	Inspector, claims
33156	34173	Adjuster, insurance
33157	34174	Assessor, insurance
33158	JPA	Assistant officer, research Q27
33159	New	Other appraisers, valuers and auctioneers
33211	34131	Agent, insurance
33212	34132	Broker, insurance
33213	34133	Underwriter, insurance
33221	34152	Agent, sales/engineering
33222	34154	Adviser, after sales service
33223	34155	Canvasser
33224	34156	Sales representative
33225	34152	Salesperson, technical
33225	34156	Salesperson, traveling
33226	34201	Salesperson, business services/advertising
33227	New	Analyst/executive, marketing research
33227	New	Executive, business development
33227	New	Executive, export
33227	New	Executive, marketing
33227	New	Executive, product/brand
33227	New	Executive, sales
33227	New	Executive, sales administrative
33227	34201	Representative, business services (except advertising)
33227	New	Sales engineer
33229	New	Officer commercial, railway
33229	New	Other commercial sales representative
33231	34161	Buyer
33231	New	Buyer, production purchasing
33231	New	Buyer, purchasing
33231	New	Executive, planning and distribution
33231	New	Officer/executive, purchasing
33232	34162	Agent, procurement
33239	New	Other buyers and purchasing officers
33241	34202	Broker, commodity
33311	34203	Agent, clearing and forwarding
33312	34203	Agent, shipping
33321	34191	Consultant, exhibition and convention

33322	34192	Organizer, exhibition and convention
33323	34192	Consultant, travel
33324	34192	Organizer, travel
33331	34204	Agent, employment
33332	34204	Officer, job placement
33341	34141	Agent, real estate
33341	New	Planner, estate
33342	34142	Agent, property
33343	34143	Realtor (property)
33344	34144	Negotiator (property)
33391	34205	Agent, literary
33392	34205	Agent, musical performance
33393	34205	Agent, sports
33394	34205	Agent, theatrical
33395	34205	Promoter, sports
33399	New	Other business services agents
33411	New	Supervisor, account
33411	New	Supervisor, administrative
33411	New	Supervisor, clerical
33411	New	Supervisor, data entry
33411	New	Supervisor, filing clerks
33411	New	Supervisor, hospital admitting clerks
33411	New	Supervisor, medical records unit
33412	New	Supervisor, personnel clerks
33412	New	Supervisor, human resource
33413	New	Management trainee
33414	New	Factory administrator
33415	JPA	Assistant officer, training E27
33416	JPA	Assistant officer, administrative N27
33421	New	Legal secretary
33431	New	Chief secretary
33431	24902	Company secretary
33431	New	Administrative secretary
33431	New	Correspondence assistant
33431	New	Verbatim reporter
33431	New	Personal assistant
33431	New	Executive secretary
33431	39221	Executive secretary, committee
33431	39221	Executive secretary, non-government administration
33432	39222	Executive secretary, government administration
33433	39223	Consul
33433	39223	Courier, diplomatic
33433	39223	Official, consular

33434	39111	Executive officer, government
33435	39112	Executive officer, statutory board
33436	JPA	Meeting herald N27
33437	JPA	Parliament herald N3
33441	New	Medical secretary
33491	New	School secretary
33511	39114	Inspector, border
33511	39114	Inspector, custom
33511	39114	Inspector, custom and border
33512	39114	Officer, passport checking
33513	JPA	Assistant superintendent, customs W27
33521	New	Assistant officer, tax/estimator
33531	New	Officer, social benefits
33532	New	Officer, social security claims
33541	New	Inspector, licensing
33541	New	Officer, licensing
33541	New	Officer, passport issuing
33542	JPA	Assistant superintendent, immigration KP27
33551	39121	Inspector, police
33552	39122	Detective, police
33553	JPA	Assistant officer, investigation KR29
33561	39119	Inspector, civil service
33562	39119	Inspector, government administration
33563	39119	Officer, civil service commission
33564	JPA	Assistant officer, Kesatria S27
33565	New	Officer, RELA
33566	New	Territorial army
33567	JPA	Assistant officer, civil defence KP27
33568	JPA	Officer, civilian relation KP19
33591	39117	Inspector, price
33591	39118	Inspector, weight and measures
33591	JPA	Inspector, building
33591	31512	Inspector, fire and safety
33591	31513	Specialist, fire prevention
33592	JPA	Assistant officer, registration KP27
33593	JPA	Assistant superintendent, prison KX27
33594	JPA	Assistant officer, enforcement N27
33595	JPA	Assistant superintendent, maritime X1
33596	39119	Official electoral
33596	39119	Inspector, wage

33597	JPA	Assistant superintendent, fireman KB29
33598	JPA	Assistant officer, security KP27
34111	JPA	Assistant, legal L29
34112	JPA	Assistant officer, Syariah LS27
34113	JPA	Assistant officer, Islamic affairs S27
34114	New	Assistant officer, anti-drug S27
34121	39301	Social worker
34121	39301	Social worker, group work
34121	39303	Social worker, psychiatric
34121	39302	Welfare officer, industry
34121	39302	Social welfare worker
34121	39302	Social welfare worker, case work
34121	39302	Social worker, child welfare
34121	39302	Welfare organizer, women
34121	New	Community development supervisor
34121	39304	Officer, family planning
34121	39304	Social worker, community
34121	39304	Social worker, medical
34121	39305	Welfare officer, probation
34121	39305	Parole officer, associate professional
34121	39305	Probation officer, associate professional
34121	39305	Social worker, delinquency
34122	JPA	Assistant officer, social development S27
34123	JPA	Assistant, psychologist S27
34124	JPA	Assistant officer, information S27
34125	JPA	Assistant officer, social research N27
34126	JPA	Assistant officer, industrial relation S27
34127	JPA	Assistant officer, economy affairs E27
34128	JPA	Assistant officer, youth & sport S27
34129	New	Assistant, counselor
34129	New	Other social work associate professionals
34131	39601	Monk, associate professional
34132	39602	Nun, associate professional
34133	39603	Preacher
34139	39603	Other religious associate professionals
34211	39561	Sportsperson
34212	39561	Athlete
34219	New	Other athletes, sportsperson and related associate professionals
34221	39562	Sports official
34221	39562	Umpire
34222	JPA	Instructor, drill S17
34223	39563	Team manager, sports/games
34224	39563	Coach, sports
34225	39563	Trainer, sports

34226	New	Tennis coach
34227	New	Swimming coach
34228	New	Instructor, ski
34229	New	Other sports coaches, instructors and officials
34231	39564	Instructor, physical fitness
34232	39565	Instructor, billiard
34233	39565	Instructor, bridge
34234	39565	Instructor, chess
34235	39566	Jockey
34236	33909	Instructor, sailing
34237	New	Instructor, horse riding
34238	New	Outdoor adventure guides
34239	New	Supervisor, clubhouse
34311	31311	Photographer
34312	31312	Photographer, commercial illustration
34313	31313	Photographer, news
34313	31313	Photographer, press
34313	New	Photo-journalist
34314	31314	Microphotography
34314	31314	Photographer, aerial
34315	31314	Photographer, medical
34315	31314	Photographer, microphotography
34315	31314	Photographer, scientific
34316	JPA	Photographer B27
34319	New	Other photographer
34321	39511	Artist, commercial
34321	39511	Artist, graphic
34321	39511	Designer, poster
34321	39511	Illustrator, advertising
34321	39511	Illustrator, book
34322	39512	Artist, display
34322	39512	Decorator, display
34322	39512	Decorator, display/windows
34322	39512	Designer, armorial
34322	39512	Designer, display
34322	39512	Designer, display/windows
34322	39512	Designer, exhibition
34322	39512	Designer, scenery
34322	39512	Visual merchandiser
34323	39513	Decorator, interior
34323	39513	Designer, interior decoration
34324	39514	Designer, furniture
34324	39514	Designer, jewellery
34324	39514	Designer, metalwork/ornamental
34324	39514	Designer, package
34324	39514	Designer, shoe

34325	39515	Decorator, motion picture set
34325	39515	Designer, theatrical set
34326	39516	Artist, tattoo
34326	39516	Tattooist
34327	39517	Florist
34329	New	Other interior designer and decorators
34331	JPA	Assistant officer, archives S27
34332	JPA	Assistant officer, curator S27
34333	JPA	Assistant, librarian S27
34334	JPA	Assistant officer, publication N27
34341	New	Chief chefs
34342	New	Executive chef
35111	New	Engineering assistant, computer
35111	31143	Technician, computer
35111	41421	Operator, computer
35111	41421	Operator, computer peripheral equipment
35111	41421	Operator, computer peripheral equipment/console
35111	41421	Operator, computer peripheral equipment/high-speed printer
35111	41421	Operator, console
35111	41422	Operator, EDP
35111	New	Supervisor, EDP
35111	New	Assistant supervisor, EDP
35112	31145	Technician, semi-conductor
35113	New	Assistant, information technology
35113	New	Technician, information systems
35114	JPA	Technician, computer FT17
35121	New	Assistant officer, information technology
35121	31201	Technician, help desk
35121	31201	Technician, information technology
35121	31201	Technician, personal computer support
35122	31202	Assistant, computer/users' services
35122	New	Assistant, computer
35122	New	Assistant, communications
35122	New	Assistant, computer database
35122	New	Assistant, computer engineering
35122	New	Assistant, computer programming
35122	New	Assistant computer systems analyst
35122	New	Operator, computer help desk
35123	JPA	Assistant officer, information technology F29
35131	31202	Technician, network support
35131	New	Technician, computer network
35131	31202	Assistant, computer/systems analyst
35141	New	Administrator, website

35141	New	Technician, website
35141	New	Webmaster
35211	31315	Assistant, motion picture
35211	31315	Cinematographer
35211	New	Assistant, production
35211	New	Operator, audio/visual
35212	31318	Dubbing mixer
35212	31318	Editor, sound
35212	31318	Sound mixer
35212	31318	Technician, sound-effects
35213	31328	Projectionist, cinema
35214	31324	Officer, ships radio
35215	JPA	Assistant officer, film laboratory C27
35216	31145	Technician, audio and video equipment
35216	31327	Operator, broadcasting equipment/radio and television
35216	31325	Operator, radio equipment/flight
35216	31323	Operator, radio equipment/land-base
35216	31321	Operator, telecommunications equipment
35216	31326	Operator, transmitting equipment/radio and television
35216	New	Operator, broadcasting equipment
35216	New	Technician, broadcast
35219	New	Other broadcasting technicians
35221	31142	Engineering assistant, telecommunications
35221	31142	Technician, engineering/aerospace (telecommunication)
35221	31142	Technician, engineering/telecommunications
35229	New	Other telecommunications engineering technicians
41101	New	General office clerk
41101	New	Clerk, office
41101	New	Assistant, administrator
41101	New	Chief, clerk
41101	New	Chief, office
41101	New	Clerk, administrative
41101	44197	Clerk, publication
41102	JPA	Clerk, general (PTR) N11
41103	JPA	Assistant, administrative clerical/operation N17
41104	41208	Clerk, rental
41104	41208	Clerk, rental/audio visual equipment
41104	41208	Clerk, rental/costume
41104	41208	Clerk, rental/video tapes
41104	41208	Clerk, rental/car/limousine
41104	41208	Clerk, rental/heavy vehicles
41105	JPA	Assistant, youth and sport S17
41106	New	Clerk, confidential
41106	New	Clerk, correspondence
41106	51212	Clerk, room service
41107	JPA	Assistant, publication N17

41108	New	Clerk, information technology
41108	New	Clerk, management information systems
41108	New	Supervisor, management information systems
41109	New	Other general office clerks
41201	New	Assistant, administrative (secretarial)
41201	41111	Secretary
41201	41111	Secretary, confidential
41201	41111	Secretary, stenography
41201	41111	Secretary, stenography/typing
41201	41111	Secretary, typing
41201	41111	Secretary, word processing
41202	41111	Verbatim/hansard reporter
41203	41111	Assistant, reporter/reporter
41203	New	Secretary, admission
41204	New	Secretary, sales
41205	New	Secretary, golf
41206	JPA	Assistant, administrative secretary N17
41207	JPA	Assistant, reporter/Journalist S17
41209	New	Other secretaries not elsewhere classified
41311	41121	Justowriter
41311	41121	Stenographer
41311	41121	Typist, audio
41311	41121	Typist, shorthand
41311	41121	Typist, statistical
41311	41121	Typist, stenography
41311	41122	Typist
41311	41123	Tele-typist
41312	41122	Clerk, word processing
41319	New	Other word processor and related operators
41321	41131	Data entry/computer
41321	41133	Data entry/electronic mail
41322	JPA	Machine operator, data processing F11
41323	41207	Clerk, index
41324	41207	Records custodian
41329	New	Other data entry operators
42111	42122	Bank teller
42112	42121	Clerk, cash counter
42113	42124	Clerk, postal
42114	42123	Money changer
42115	42123	Currency sorter
42116	41209	Clerk, safe deposit
42119	New	Other bank teller and related clerks
42121	42127	Bookmaker
42121	42127	Clerk, betting counter

42122	42126	Croupier
42123	42125	Clerk, casino
42129	New	Other bookmakers, croupiers and gambling workers
42131	42131	Pawnbroker
42132	42132	Money-lender
42139	New	Other pawnbrokers and money-lenders
42141	42191	Collector, bill
42141	42191	Collector, payment
42142	42192	Collector, charity
42143	42193	Collector, debt
42144	42194	Collector, rent
42149	New	Other debt-collectors and related workers not elsewhere classified
42211	42211	Clerk, ticket issuing/travel
42212	42212	Clerk, travel/air lines
42213	42213	Clerk, travel
42213	42213	Clerk, travel agency
42214	42219	Clerk, booking
42219	New	Other travel consultants and related clerks
42221	42226	Clerk, appointments
42221	New	Clerk, information
42222	New	Supervisor, customer service
42223	JPA	Assistant, information S17
42224	New	Telemarketer, salesperson
42225	New	Clerk, call centre
42226	New	Customer contact centre
42227	JPA	Officer, customer service N17
42229	New	Other contact centre information clerks
42231	42231	Operator, telephone (telephone exchange)
42231	42231	Operator, telephone (private branch exchange)
42231	42231	Telephonist
42232	42232	Switchboard-operator, telephone
42233	42239	Telecommunication service operator
42239	New	Other telephone switchboard operators
42241	42222	Receptionist, hotel
42242	42224	Ground hostess
42243	New	Clerk, hotel front desk
42244	New	Supervisor, reservation
42244	New	Assistant supervisor, reservation
42244	New	Assistant, reservation
42249	New	Other hotel receptionist
42251	42290	Clerk, customer-complaints

42252	New	Clerk, counter enquiries
42253	42226	Clerk, inquiries
42259	New	Other enquiry clerks
42261	42222	Receptionist
42262	42223	Receptionist, medical
42263	42225	Receptionist, dental
42264	New	Receptionist, telephone
42265	New	Receptionist, front office
42266	New	Assistant supervisor, front office
42266	New	Assistant, front office
42266	New	Officer, front office
42266	New	Personnel, front office
42266	New	Supervisor, front office
42267	New	Agent, guest service
42269	New	Other receptionists
42271	New	Market research interview
42272	New	Public opinion interviewer
42273	New	Survey interviewer
42291	New	Clerk, hospital admissions
42292	New	Interviewer, eligibility
42293	New	Specialist, eligibility
42299	New	Other client information workers not elsewhere classified
43111	41301	Bookkeeper
43111	41301	Bookkeeper, ledger
43111	41301	Clerk, bookkeeping
43111	41301	Clerk, bookkeeping machine
43111	41301	Clerk, ledger
43112	41302	Accounting analyst, bank
43112	41302	Clerk, account
43112	New	Clerk, account and promotion
43112	41301	Clerk, accounting machine
43112	New	Clerk, accounting payable
43112	New	Clerk, accounting receivable
43112	New	Clerk, administrative and accounting
43112	41302	Clerk, auction
43112	41302	Clerk, envois
43112	41301	Night auditor
43113	JPA	Assistant, appraiser W17
43114	New	Junior assistant, auditor W17
43115	41303	Assistant, bank
43115	41303	Clerk, bank
43115	41303	Clerk, clearing house, banking
43115	41304	Clerk, audit
43115	41305	Assistant, broker
43115	New	Assistant, credit control

43115	41305	Clerk, actuarial
43115	41305	Clerk, adjustment
43115	41305	Clerk, bond
43115	41305	Clerk, brokerage
43115	41305	Clerk, collateral
43115	41305	Clerk, credit
43115	New	Clerk, credit control
43115	New	Clerk, estate/plantation financial
43115	41305	Clerk, finance
43115	41305	Clerk, investment
43115	41305	Clerk, mortgage
43115	41305	Clerk, rating
43115	41305	Clerk, securities
43115	41305	Clerk, share and stock registration
43115	41305	Clerk, stockbroker
43115	41305	Clerk, tax
43116	JPA	Junior assistant, accountant W17
43117	41306	Clerk, office cash
43117	41306	Clerk, salaries
43117	41306	Clerk, times
43117	New	Assistant, costing
43117	41307	Clerk, cost
43117	41307	Clerk, cost computing
43117	41307	Clerk, estimating
43117	41308	Clerk, billing
43117	New	Clerk, property
43118	New	Assistant, administrative financeW17
43119	New	Other accounting and bookkeeping clerk
43121	41411	Clerk, statistical
43122	New	Clerk, grading
43123	New	Enumerator, field
43123	41413	Enumerator, market research
43123	41413	Enumerator, opinion polling
43123	41413	Enumerator, social and economics data
43124	JPA	Assistant, statistician E17
43125	JPA	Assistant, economy affair E17
43126	JPA	Assistant, evaluation W17
43127	JPA	Assistant, researcher Q17
43128	41203	Assistant, insurance/adjustment
43128	41203	Assistant, insurance/claims
43128	New	Assistant, insurance/policy
43128	New	Assistant, insurance/underwriting
43128	New	Assistant supervisor, insurance/underwriting
43128	New	Clerk, book-loan
43128	New	Clerk, claim
43128	New	Clerk, insurance underwriting
43131	41306	Clerk, payroll

43131	41306	Clerk, wages
43132	New	Paymaster
43211	New	Assistant, store
43211	New	Assistant, warehouse
43211	New	Assistant, store receiving
43211	New	Clerk, delivery and receiving
43211	New	Clerk, raw material
43211	New	Clerk, raw material store
43211	New	Clerk, receiving
43211	41511	Clerk, store
43211	41511	Clerk, supply
43211	41511	Clerk, warehouse
43211	New	Controller, store
43211	New	Coordinator, store
43211	New	Store hand
43211	41511	Storekeeper
43211	New	Storekeeper, finished goods
43211	New	Storekeeper, material
43212	New	Clerk, estate/plantation stock
43212	41512	Clerk, control/food and beverage
43212	41512	Clerk, stock
43212	New	Filler, stock
43212	New	Handler, stock
43212	New	Clerk, stock control
43212	41512	Clerk, stock record
43213	41513	Clerk, weighbridge
43213	41513	Clerk, weighing
43213	New	Controller, weighbridge-security
43214	41514	Clerk, shipping
43215	41515	Clerk, tally
43216	41516	Clerk, inventory
43216	New	Clerk, inventory purchasing
43216	41516	Clerk, kitchen/hotel
43216	41516	Clerk, linen supply/hotel and lodging
43217	41517	Clerk, cargo
43217	41517	Clerk, freight
43217	41517	Clerk, freight/despaching
43217	41517	Clerk, freight/inward
43217	41517	Clerk, freight/receiving
43217	41517	Clerk, freight/routing
43217	41517	Clerk, freight/traffic
43218	41518	Clerk, import-export
43219	New	Other stock clerks
43221	New	Clerk, engineering
43221	New	Clerk, estate/plantation
43221	New	Clerk, logging
43221	New	Clerk, maintenance

43221	New	Clerk, mill office
43221	New	Clerk, motor maintenance
43221	New	Clerk, operation
43221	New	Clerk, packing
43221	41521	Clerk, planning/production
43221	New	Clerk, power plant
43221	New	Clerk, production administrative
43221	New	Clerk, production control
43221	New	Clerk, quality and ecology
43221	New	Clerk, service
43221	New	Clerk, site
43221	New	Clerk, tooling
43221	New	Coordinator, site
43221	41522	Clerk, planning/material
43221	New	Clerk, order management
43221	41523	Clerk, order/material
43221	41523	Clerk, procurement
43221	41523	Clerk, purchasing/material
43221	41524	Clerk, research/food and beverage
43222	JPA	Assistant officer, land N17
43223	JPA	Assistant, land administrative N17
43224	JPA	Supervisor, land planning G17
43225	New	Clerk, local sales
43225	New	Clerk, marketing
43225	New	Clerk, production sales administrative
43225	41524	Clerk, sales
43225	New	Clerk, sales admin
43225	New	Clerk, sales and marketing
43225	New	Clerk, sales counter
43225	41524	Clerk, sales order
43225	New	Clerk, telesales
43225	New	Co-coordinator, sales
43226	New	Clerk, technical
43226	New	Clerk, technician
43226	New	Clerk, facilities maintenance
43227	New	Clerk, quality assurance
43227	New	Clerk, quality control
43228	JPA	Junior assistant machinery inspector J17
43229	New	Other production clerks
43231	New	Clerk, logistic
43231	44001	Clerk, transport
43232	44002	Clerk, goods/railway
43232	44002	Controller, clerical/railway service
43232	44002	Controller, clerical/train
43232	44002	Dispatcher, clerical/railway
43232	44002	Dispatcher, clerical/train
43232	44002	Inspector clerical/railway transport service
43232	44002	Officer claims, railway

43232	44002	Yardmaster railway
43233	44003	Controller, clerical/road transport services
43233	44003	Dispatcher, clerical/road transport (except bus and truck)
43233	44003	Dispatcher, clerical/truck
43233	44003	Dispatcher, clerical/bus
43233	44003	Inspector, bus services
43233	44003	Inspector, clerical/road transport services
43234	44004	Clerk, air transport operations
43234	44004	Clerk, dispatch/air transport
43234	44004	Clerk, flight operation
43234	44004	Clerk, traffic
43234	44004	Controller, clerical/air transport service
43234	44004	Dispatcher, clerical/aircraft
43235	44005	Controller, clerk/sea transport services
43235	44006	Dispatcher, clerical/oil pipelinge
43235	44005	Dispatcher, clerical/boat
43235	44006	Dispatcher, clerical/gas pipeline
43235	44005	Float master
43235	44005	Officer, ferry
43235	44005	Wharfinger
43235	New	Clerk, shipping and purchasing
43236	JPA	Supervisor, jetty N3
43237	New	Coordinator, shipping
43238	JPA	Assistant, air traffic control A17
43239	New	Others transport clerks
44111	41206	Clerk, library
44112	41206	Assistant, library
44113	New	Filer, library
44114	JPA	Junior assistant, librarian S17
44119	New	Other library clerks
44121	43001	Postman/post woman
44122	New	Assistant, dispatch
44122	43004	Clerk, mail/despatch
44123	43003	Process server
44123	43003	Summon server
44124	43004	Clerk, mail/sorting
44124	43004	Controller, clerical/mail
44124	43004	Controller, clerical/mail depot
44124	43004	Controller, clerical/postal service
44125	43002	Clerk, mail
44125	41207	Clerk, list/address
44125	41207	Clerk, list/mail
44126	JPA	Notice server N3
44129	New	Other mail carriers and sorting clerks
44131	49002	Proof-reader, clerical
44132	41412	Clerk, coding (data-processing)

44132	41412	Clerk, coding/statistics
44139	New	Other coding, proof-reading and related clerks
44141	49001	Petition writer
44142	49001	Public writer
44143	49001	Scribes
44149	New	Other scribes and related workers
44151	41207	Clerk, filing
44151	41207	Clerk, compilation/directory (compiler, clerical/director)
44151	New	Compiler, directory
44152	41209	Clerk, photocopying
44153	41209	Clerk, document duplication
44154	New	Officer, document controller
44155	New	Controller, document
44156	New	Coordinator, document
44157	New	Officer, documentation
44159	New	Other filing and copying clerks
44161	JPA	Assistant, pupils management N17
44162	JPA	Assistant, industrial relation N17
44163	JPA	Assistant, registration KP17
44164	JPA	Assistant, social development S17
44165	JPA	Assistant, social researcher N17
44166	JPA	Inspector, fingerprint N17
44167	New	Assistant, personnel
44167	41205	Clerk, employment
44167	New	Clerk, general affairs
44167	41202	Clerk, human resource
44167	41202	Clerk, personnel
44167	41202	Clerk, records/personnel
44168	41204	Clerk, probate
44168	41207	Clerk, addressing machine
44168	41207	Clerk, classification
44168	41207	Clerk, registry
44169	New	Other personnel clerks
44191	JPA	Assistant, Islamic affairs S17
44192	JPA	Junior assistant, Islamic affairs S11
44193	JPA	Assistant, conservation S17
44194	JPA	Assistant, anti-drug S17
44195	JPA	Assistant, legal administrative S17
44196	JPA	Assistant, Syariah S17
44197	JPA	Assistant, archives S17
44198	JPA	Assistant, museum S17
44199	41204	Assistant, barrister's
44199	41204	Assistant, solicitor's
44199	41204	Bailiff
44199	41204	Clerk, conveyance

44199 41204 Clerk, court
 44199 41204 Clerk, judge's
 44199 41204 Clerk, law/legal
 44199 New Clerk, golf
 44199 New Clerk, service assistant sewing
 44199 New Clerk, advertising
 44199 New Clerk, classified advertising
 44199 New Clipper, press
 44199 New Other clerical support workers not elsewhere classified

51111 51111 Attendant, ship's cabin
 51111 51111 Purser, ship
 51112 New Assistant, chief steward
 51112 51112 Chief steward, ship
 51112 51112 Chief stewardess, ship
 51112 New Steward, coordinator
 51112 New Steward, supervisor
 51113 New Steward, floor
 51114 51114 Attendant, flight
 51114 51113 Steward, ship/mess/cabin
 51114 51113 Stewardess, ship/cabin
 51114 51234 Stewardess, ship/mess
 51115 51114 Air hostess
 51115 51114 Steward, flight
 51115 51114 Stewardess, flight
 51116 51115 Steward, train
 51116 51115 Stewardess, train
 51117 51119 Attendant, airport
 51119 New Other travel attendants and travel stewards

51121 51121 Conductor, bus
 51121 51125 Conductor, cable car
 51121 51127 Conductor, ferry boat
 51121 51128 Conductor, hovercraft
 51121 51122 Conductor, train
 51121 51127 Conductor, tram
 51122 51124 Inspector, ticket
 51123 51113 Guard, passenger train
 51123 51129 Guard, railway
 51124 51122 Attendant, sleeping car
 51125 JPA Manager, station N19
 51129 New Other transport conductors and related workers

51131 51131 Guide, tourist
 51131 51132 Guide, travel
 51132 51133 Guide, art gallery
 51132 51133 Guide, museum
 51133 51134 Guide, factory tour
 51133 51134 Guide, plant

51134	51135	Guide, travel/game park
51134	51136	Guide, travel/sightseeing
51139	New	Other travel guides
51201	New	Assistant, chef
51201	New	Assistant chef, dim sum
51201	New	Assistant, cook
51201	New	Assistant, executive chef
51201	New	Barbeque chef
51201	51221	Chefs
51201	51221	Chefs de party
51201	51221	Chief cook
51201	New	Commis
51201	New	Demi chef
51201	New	Dim sum chef
51201	New	Helper, barbeque
51201	New	Kitchen coordinator
51201	New	Malay cuisine chef
51201	New	Pastry chef
51201	New	Sous chef
51202	51222	Cook, hotels and catering services
51202	51229	Cook, ship
51203	51223	Cook, private service
51204	51224	Cook, food canning & preserving
51205	JPA	Cook N1
51209	New	Other cooks
51311	51231	Waiter
51311	51233	Waiter, head
51311	51235	Waiter, railway dining car
51312	51231	Waitress
51312	51233	Waitress, head
51312	New	Dang pawara
51312	51235	Waitress, railway dining car
51313	New	Waiter and waitress, food and beverage
51314	New	Supervisor, restaurant
51314	New	Supervisor, outlet
51314	New	Supervisor, food and beverage
51314	New	Waiter, banquet
51315	New	Food and beverage banquet worker
51316	New	Food and beverage room service worker
51317	New	Food and beverage worker
51319	New	Other waiter and waitress
51321	New	Bartender
51322	New	Assistant, bartender
51323	New	Food and beverage barmen
51329	New	Other bartender

51411	51312	Hairdresser
51412	51311	Barber
51413	51312	Hairstylist
51419	New	Other hairdresser
51421	51314	Beautician
51422	New	Mak andam
51422	51315	Make-up artist
51423	51313	Manicurist
51424	51316	Chiropodist
51425	51314	Aesthetician
51426	JPA	Beautician B11
51429	New	Other beauticians and related workers
51511	51214	Supervisor, banquet/hotel & lodging
51511	51214	Supervisor, floor/hotel & lodging
51512	New	Assistant supervisor, housekeeping
51512	New	Assistant supervisor, laundry
51512	New	Supervisor, laundry
51513	51233	Captain, floor
51513	51212	Executive, housekeeper
51514	51319	Assistant, wardrobe
51515	New	Housekeeper, hotel
51516	JPA	Supervisor, wardrobe N17
51517	51211	Steward, house
51517	51213	Matron, housekeeping
51518	JPA	Supervisor, hostel N17
51519	New	Other cleaning and housekeeping supervisors in offices, hotel and other establishments
51521	51214	Steward, floor/hotel and lodging
51522	New	Maid, linen
51522	New	Supervisor, camp
51522	51215	Warden, camp
51522	51215	Warden, dormitory
51522	51215	Warden, hostel
51523	New	Assistant, linen housekeeping
51523	51214	Chief steward, hotel
51523	51216	Housekeeper (private service)
51524	New	Assistant, housekeeping room
51524	New	Supervisor, housekeeping
51524	New	Worker, public area housekeeping
51524	New	Worker, housekeeping
51529	New	Other domestic housekeeper
51531	91311	Caretaker, building
51531	91311	Concierge, building
51531	91311	Janitor
51532	New	Assistant supervisor, recreation

51532	New	Supervisor, recreation
51533	New	Chief, concierge
51534	91312	Sexton
51534	91312	Siak/nuja
51539	New	Other building caretakers
51611	51501	Astrologer
51612	51502	Palmist
51613	51503	Fortune-teller
51614	51504	Numerologist
51619	New	Other astrologers, fortune-tellers and related workers
51621	New	Companion
51622	New	Valet
51629	New	Other companions and valets
51631	51322	Attendant, mortuary
51631	51322	Undertaker
51632	51321	Embalmer
51633	51323	Attendant, crematorium
51639	New	Other undertakers and embalmers
51641	51397	Aid, veterinary
51642	39551	Caretaker, animal
51643	39551	Keeper in zoological, bird and aquatic parks
51649	New	Other pet groomers and animal care workers
51651	New	Instructor, driving
51652	JPA	Junior assistant officer, training E17
51653	JPA	Instructor, craft E11
51659	New	Other instructors
51691	51491	Attendant, swimming pool
51691	51491	Coastguard
51691	51491	Lifeguard
51692	51493	Bodyguard
51693	51494	Diver
51694	51494	Salvage frogman/diver
51695	JPA	Coastguard A17
51696	JPA	Lifeguard N1
51699	New	Other protective service and related workers not elsewhere classified
52111	52204	Salesperson, street stall
52112	52202	Salesperson, market
52113	52201	Salesperson, kiosk
52114	New	Assistant, counter sales/promoter
52119	New	Other stall and market salespersons
52121	91101	Hawker (prepared food and drinks)

52121	91103	Hawker (prepared food and non-food)
52121	91101	Vendor, refreshments theatre
52122	91101	Vendor, street/food
52129	New	Other street food salespersons
52211	52101	Shopkeeper
52219	New	Other shopkeeper
52221	52101	Supervisor, sales
52239	New	Other sales supervisor
52231	New	Assistant, sales
52231	52102	Assistant, shop
52232	52101	Retailer
52232	52102	Salesperson, wholesale and retail
52233	New	Sales associate
52234	New	Salesman, car
52239	New	Other shop sales assistants
52301	New	Cashier
52301	New	Cashier, assistant
52301	New	Cashier, parker
52301	New	Cashier, head checker
52301	New	Cashier, office/supervisor
52302	42112	Cashier, box office
52303	42113	Cashier, store
52303	New	Cashier, petrol pump/station
52304	42114	Cashier, theatre
52305	42115	Cashier, cafeteria
52305	New	Cashier, food and beverage
52305	42115	Cashier, restaurant
52306	42116	Cashier, booking-office
52306	42116	Cashier, race track
52307	42117	Clerk, ticket issuing (except travel)
52309	42119	Cashier, cash desk
52309	42123	Cashier, change-booth
52309	42119	Cashier, check-out/self service store
52309	42123	Cashier, currency exchange
52309	42119	Clerk, toll collection
52309	New	Other cashiers and ticket clerks
52411	52301	Model, fashion
52412	52302	Model, advertising
52413	52303	Model, artist's
52419	New	Other fashion and models
52421	52103	Demonstrator
52422	New	Safety promoter
52422	New	Sales promoter

52422	52104	Telemarketer
52423	52109	Rollerboy
52429	New	Other sales demonstrators
52431	New	Salesman/salesgirl, marketing
52432	New	Salesman/salesgirl, traveling
52439	New	Other door to door salespersons
52451	52203	Attendant, petrol pump/station
52459	New	Other service station attendants
52469	New	Other food service counter attendants
53111	51391	Worker, child care
53112	New	Assistant, nursery school
53113	51391	Attendant, nursery school
53114	New	Worker, nursery
53115	51393	Baby amah
53115	51393	Baby sitter
53115	51393	Nanny
53116	51392	Masseur (non-medical)
53119	New	Other child care workers
53120	New	Teachers' aids
53129	New	Other teachers' aids
53211	51395	Aid, nursing/home
53211	51395	Aid, nursing/medical
53211	New	Nursing aides
53211	51396	Aid, dental
53212	JPA	Assistant, dental surgery U11
53213	51396	Aid, pharmacy
53214	New	Aid, hospital
53215	New	Worker, hospital
53216	JPA	Assistant, public health U11
53217	JPA	Assistant, nurse U11
53218	JPA	Attendant, health U1
53219	New	Other health care assistants
53221	51317	Attendant, bath
53229	New	Other home-based personal care workers
53291	51394	Pest exterminator
53292	51398	Social escort
53293	New	Chief hostess
53293	51398	Club host
53293	51398	Club hostess
53294	51399	Worker, political
53295	JPA	Inspector, water J17

53296	JPA	Superintendent, water supply J17
54111	51411	Fireman (fire brigade)
54112	51412	Fire-fighter (air port)
54113	JPA	Officer, fireman KB17
54114	New	Fire watch
54119	New	Other fire-fighters
54121	51421	Constable, police
54122	51423	Officer, police
54123	51422	Patrolman, police
54123	51422	Patrolwoman, police
54123	New	Traffic man
54123	New	Traffic woman
54123	New	Volunteer, police
54124	51429	Warden, traffic
54125	New	Auxiliary police
54126	JPA	Constable, police YT1-10
54127	JPA	Constable, aborigines YP1-10
54128	JPA	Assistant, Kesatria S17
54129	New	Other police officers
54131	51430	Guard, prison
54132	51430	Warden, prison
54133	JPA	Officer, prison KX11
54139	New	Other prison guards
54141	51442	Guard, departmental/store/industrial
54141	51441	Guard, gambling activities
54141	51442	Guard, security/private
54142	JPA	Assistant, security KP17
54143	New	Chief, security guard
54143	New	Sergeant major, security
54144	JPA	Security guard KP11
54145	New	Guard
54145	New	Security guard, internal
54146	New	Guard, office
54147	New	Night watchman
54147	92031	Watchman
54147	92032	Doorman
54147	92033	Collector, ticket usher
54147	92034	Attendant, cloakroom
54147	92035	Concierge
54147	New	Gate keeper
54148	JPA	Watchman R1
54149	New	Other security guards
54151	JPA	Officer, immigration KP17
54152	JPA	Junior assistant superintendent, custom W17

54153	JPA	Assistant, civil defence KP17
54154	JPA	Assistant, enforcer N17
54191	51492	Game ranger
54192	51492	Warden, wild life
54192	New	Warden park, animal/recreation
54193	JPA	Assistant, park/estate G17
54194	51441	Detective, hotel
54194	51441	Detective, store
54195	JPA	Assistant, investigation KR17
54196	51441	Investigator, industrial
54196	51450	Detective, private
54196	51450	Investigator, private
54197	JPA	Rehabilitation workers N1
54198	JPA	Assistant, wildlife G17
54199	JPA	Junior assistant, wildlife G11
61111	61319	Farm worker, abaca
61111	61311	Farm worker, field crop
61111	61316	Farm worker, groundnut
61111	61312	Farm worker, padi
61111	61319	Farm worker, spice
61111	61317	Farm worker, sugarcane
61111	61315	Farm worker, tapioca
61111	61314	Farm worker, tobacco
61112	61313	Worker, market garden
61113	61319	Irrigator
61114	New	Mandore, estate/plantation
61114	New	Supervisor, estate/plantation
61114	New	Inspector quality, estate/plantation
61114	New	Checker, estate/plantation
61114	New	Loader, estate/plantation
61114	New	Grader, oil palm
61115	JPA	Assistant, agricultural G17
61119	New	Other field crop and plantation growers
61121	61329	Tree and shrub crop farm worker
61121	61329	Worker, pruner
61121	61329	Worker, sprayer
61121	61329	Worker, weeder
61122	61322	Farm worker, oil palm
61122	61328	Planter, coconut
61122	61210	Rubber tapper (plantation)
61122	61329	Tapper, toddy/nira
61123	61321	Farm worker, rubber
61124	61323	Farm worker, fruit and nut trees
61125	New	Harvester, loose fruit
61126	61324	Farm worker, pineapple
61127	61326	Farm worker, tea

61128	61327	Farm worker, cocoa
61128	61328	Farm worker, coconut
61128	61325	Farm worker, coffee
61129	New	Other tree and shrub crop growers
61131	61335	Farm worker, mushroom
61131	61332	Horticultural grower
61131	61334	Worker, greenhouse
61131	61333	Worker, hydroponics
61131	New	Flower grower
61139	New	Other gardeners, horticultural and nursery growers
61141	61110	Mixed crop grower (no husbandry)
61149	New	Other market gardeners and crop growers
61151	61313	Farm worker, vegetable
61152	61316	Farm worker, bean-sprout
61211	61344	Breeder, cattle
61211	61345	Breeder, rabbit
61211	61343	Farm worker, diary
61211	New	Milker
61211	61341	Farm worker, livestock
61211	61342	Farm worker, pig
61212	61370	Farm worker, skilled/mixed animal husbandry
61219	New	Other livestock and dairy producers
61221	61351	Farm worker, poultry
61221	61351	Farmer, bird
61221	New	Farmer, buffalo
61221	61351	Farmer, chicken
61221	61351	Farmer, duck
61221	61351	Farmer, goose
61221	61351	Farmer, ostrich
61221	61351	Farmer, turkey
61222	61352	Hatchery work, poultry
61222	61355	Operator, incubator
61223	61353	Inseminator, poultry
61224	61354	Vaccinator, poultry
61229	New	Other poultry producers
61231	New	Raiser, silkworm
61231	61362	Worker, sericulture
61232	New	Collector, honey
61232	61361	Farmer, bee keeping
61232	61361	Worker, apiary
61239	New	Other apiarists and sericulturists
61301	61120	Mixed product farmer (crops and husbandry)

62111	61411	Chaser
62111	61415	Cruiser timber
62111	61412	Feller, logging
62111	61416	Grader, log
62111	New	Grader, timber
62111	61414	High climber, logging
62111	61411	Logger
62111	New	Logging, underwater
62111	61416	Marker, log
62111	61413	Scaler, logging
62112	61417	Ranger, forest
62113	New	Checker, log
62113	61418	Chokerman, logging
62113	61418	Driver, log
62113	61417	Forester
62113	61418	Maker, log-raft
62113	61418	Operator, log-grapple
62113	61418	Operator, yarder
62113	61418	Peeler, log
62113	61418	Signalman, logging
62113	New	Supervisor, log
62113	61418	Worker, forestry (skilled)
62114	JPA	Ranger, forest G17
62115	JPA	Forest guard G11
62116	JPA	Instructor, logging G17
62119	New	Other forestry and related workers
62121	61420	Burner, charcoal
62129	New	Other charcoal burners and related workers
62211	62111	Pearl culturist
62212	62112	Farm worker, fish
62213	62113	Farm worker, prawn
62214	62114	Farm worker, crocodile
62215	62115	Farm worker, oyster
62216	62116	Farm worker, snake
62219	New	Other aquaculture workers
62221	62121	Fishery worker, inland
62221	62121	Fishery worker, kelong
62222	62122	Fishery worker, coastal
62223	62123	Diver, oyster
62223	62123	Diver, pearl
62224	JPA	Assistant, fishery G17
62229	New	Other inland and coastal water fishery workers
62231	62130	Fishery worker, deep-sea
62231	New	Skipper

62239	New	Other fishery workers, deep-sea
62241	62210	Hunter and trapper
63101	New	Subsistence crop farmers
63201	New	Subsistence livestock farmers
63301	New	Subsistence mixed crop and livestock farmers
63401	62220	Collector, jelutong
63401	New	Collector, petai
63402	62220	Collector, dammar
63403	62220	Collector, turtle-egg
63404	62220	Gatherer, shellfish
63405	62220	Collector, bird's nest
63406	New	Collector, cane
63406	62220	Gatherer, seaweed
63407	62220	Gatherer, wild fruits, herbs & vegetables
71111	71295	Builder, house/traditional materials
71112	New	Builder
71119	71299	Other house builder and related workers not elsewhere classified
71121	71211	Bricklayers, construction
71122	71212	Stonemason, construction
71123	71213	Firebrick, layer
71124	71214	Paviour
71125	New	Worker, brickwork
71129	71219	Other bricklayers and related workers
71131	71121	Splitter, stone
71132	71122	Cutter and finisher, stone
71132	71122	Sawyer, stone
71132	71122	Setter-operator, lathe/stone
71133	71123	Grader, stone
71134	71124	Carver, stone
71135	71125	Stonework layout man
71136	71126	Grinder, stone
71137	71127	Carver-setter, monument
71138	71128	Polisher, stone
71139	71129	Dresser, stone
71139	New	Mason
71139	New	Granite cutter
71139	71129	Other stonemasons, stone cutters, splitters and carvers
71141	71221	Reinforced concreter
71142	71222	Shutterer, concrete
71142	71222	Shutterer, concrete moulding

71143	71223	Steel bender
71143	71223	Worker, iron reinforcing
71144	71224	Finisher, cement
71145	71225	Worker, terrazzo
71146	71226	Cementer, petroleum and gas wells
71147	71227	Mixer, concrete
71149	71229	Other concrete placers, concrete finishers and related workers
71151	71231	Carpenter
71152	71232	Carpenter, construction
71153	71233	Joiner, construction
71154	71234	Joiner, ship
71155	71235	Boatbuilder, wood
71155	71235	Carpenter, ship
71155	71235	Shipwright, wood
71156	71236	Joiner, aircraft
71157	71237	Carpenter, stage and studio
71158	71231	Carpenter, bench
71159	71239	Other carpenters and joiners
71191	71291	Worker, building maintenance
71192	71292	Layer, pipe and drain
71193	71293	Scaffolder
71194	71294	Worker, demolition
71195	71296	Erector, billboard
71196	71297	Steeplejack
71199	71299	Other building frame and related trades workers not elsewhere classified
71211	71311	Thatcher
71212	71312	Roofer, composition
71213	71313	Roofer, asphalt
71214	71314	Roofer, metal
71215	71315	Roofer, slate and tile
71216	71316	Roofer, wood-shingle
71217	71317	Awning installer
71219	New	Ceiling
71219	71319	Other roofers
71221	71321	Setter, tile
71222	71322	Setter, marble
71223	71323	Worker, parquetry
71224	71324	Cutter-setter, mosaic
71225	71325	Layer, tile/composition
71229	71329	Other floor layers and tile setters
71231	71331	Plasterer
71232	71332	Plasterer, stucco
71233	71333	Plasterer, fibrous
71234	71334	Plasterer, ornamental

71239	71339	Other plasterers
71241	71341	Insulator, building
71242	71342	Insulator, boiler and pipe
71243	71343	Insulator, acoustical
71244	71344	Insulator, refrigeration and air-conditioning equipment
71245	71345	Insulation worker, sound-proofing
71249	71349	Other insulation workers
71251	71351	Glazier, building
71252	71352	Glazier, vehicle
71253	71353	Glazier, leaded-glass
71254	71354	Glazier, patent roofing
71255	71355	Glazier, plate-glass
71259	71359	Other glaziers
71261	71361	Plumber
71262	71362	Fitter, pipe
71262	71363	Fitter, pipe and tube/aircraft
71262	71364	Fitter, pipe/marine
71262	71365	Fitter, pipe/sewerage
71262	71366	Fitter, pipe/ventilation
71262	71367	Fitter, pipe/water supply
71263	JPA	Tradesman K1 R17
71264	JPA	Tradesman K2 R11
71265	JPA	Tradesman K3 R9
71266	71368	Digger, well
71269	71369	Other plumbers and pipe fitters
71311	71411	Painter, building
71312	71412	Painter, ship's hull
71312	71412	Painter, structural steel
71313	71413	Wall/ceiling paperhanger
71314	71414	Whitewasher
71319	71419	Other painters related workers
71321	71421	Spray-painter, metal
71322	71422	Spray-painter, automobile
71323	71423	Painter, manufactured articles
71324	71424	Painter, metal
71325	71425	Varnisher, manufactured articles
71326	71426	Varnisher, metal
71327	71427	Signpainter
71329	71429	Other spray painters and varnishers
71329	New	Spray painter
71331	71431	Cleaner, building exteriors
71332	71432	Sandblaster, building exteriors
71339	71439	Other building structure cleaners

72111	New	Mould maker
72111	72111	Mould repairer, foundry
72111	New	Moulder, floor, foundry
72111	72111	Moulder, metal
72111	72111	Moulder, pit, foundry
72112	72112	Core checker, foundry
72112	72112	Coremaker, metal
72119	New	Others metal moulders and coremakers
72121	72121	Welder
72122	New	Foreman, welder
72123	72122	Flame cutter
72124	72123	Brazier
72125	72124	Burner, lead
72126	72125	Solderer
72127	New	Welder, tig
72129	New	Other welders and flame cutters
72131	72131	Sheet metal worker
72132	72132	Coppersmith
72133	72133	Boilermaker
72133	72133	Boilersmith
72133	New	Borer
72134	72134	Tinsmith
72135	72135	Panel beater, aircraft
72135	72135	Panel beater, vehicle
72135	72135	Sheet metal worker, aircraft
72135	72135	Sheet metal worker, ornamental
72135	72135	Sheet metal worker, vehicle
72136	72136	Marker, sheet metal
72139	72139	Other sheet metal workers
72141	72141	Structural steel worker, workshop
72142	72142	Erector, constructional steel
72143	72143	Plater, ship
72144	72144	Riveter
72145	72145	Marker, structural metal
72146	72146	Shipwright, metal
72147	72147	Erector, structural metal
72148	72148	Preparer, structural metal
72149	72149	Other structural metal preparers and erectors
72151	72151	Rigger, hoisting equipment/construction
72152	72152	Rigger, hoisting equipment
72153	72153	Rigger, logging
72154	72154	Rigger, ship
72155	72155	Rigger, petroleum and gas well drilling
72156	72156	Splicer, rope and cable

72157	72157	Rigger, aircraft
72158	72158	Rigger, railway cable
72159	72159	Other riggers and cable splicer
72211	72211	Blacksmith
72212	72212	Hammersmith
72213	72213	Operator, drop-hammer
72214	72214	Operator, forging-press
72215	72215	Toolsmith
72219	72219	Other blacksmith, hammersmith and forging-press workers
72221	72221	Maker, tool and die
72222	72222	Pattern-maker, metal foundry
72223	72223	Maker, jig and fixture
72224	72224	Marker, metal
72225	72225	Keysmith
72225	72225	Locksmith
72226	72226	Gunsmith
72229	72229	Other toolmakers and related workers
72231	72231	Grinder, metal
72232	72232	Sharpener, cutting instruments
72233	72233	Sharpener, machine tools
72234	72234	Repairer, saw
72234	72234	Saw doctor
72234	72234	Sharpener, saw
72235	72235	Grinder, textile card
72236	72236	Grinder, crankshaft
72237	72237	Polisher, metal
72238	72238	Finisher, metal
72239	72239	Grinder, thread
72239	72239	Other metal working machine tool setters and operators
72311	72304	Mechanic, earth-moving equipment
72312	72307	Mechanic, garage
72313	72307	Mechanic, motor-cycle
72314	72307	Mechanic, motor vehicle
72315	New	Assistant motor vehicle mechanics and repairers
72315	New	Chief, mechanic
72315	New	Supervisor, workshop
72316	New	Foreman, coordinator
72316	New	Workshop, assistant
72317	New	Workshop, maintenance worker
72318	New	Foreman, vehicle
72319	New	Other motor vehicle mechanics and repairs
72321	72308	Mechanic, aircraft engine
72329	New	Other aircraft engine mechanics and repairers

72331	72301	Mechanic, machinery
72332	72302	Filter, machinery
72333	72303	Mechanic, office machinery
72334	72305	Mechanic, mining machinery
72335	72306	Mechanic, marine engine
72336	72306	Mechanic, ship
72336	New	Shipyards
72337	New	Mechanic maintenance, estate/plantation
72339	72309	Mechanic, industrial machinery
72339	New	Mechanic, machine-tool
72339	72309	Mechanic, plant maintenance
72339	72309	Mechanic, refrigeration and air-conditioning equipment
72339	72309	Oiler and greaser/ship
72339	72309	Other agriculture and industrial machinery mechanics and repairers
73111	73111	Maker and repairer, instrument/precision
73111	73111	Maker, instrument/scientific
73111	73111	Maker, instrument/surgical
73111	73111	Maker, photographic equipment
73112	73112	Maker and repairer, dental prosthesis
73113	73113	Maker and repairer, orthopedic appliance
73114	73114	Maker and repairer, watch and clock
73115	73115	Maker and repairer, instrument/optical
73116	73116	Maker and repairer, balance
73117	73117	Maker, barometer
73117	73117	Maker, instrument/meteorological
73118	73118	Maker, instrument/nautical
73119	73119	Other precision instrument makers and repairers
73121	73121	Turner, musical instrument
73122	73122	Maker, piano
73122	73122	Maker, stringed-musical instrument
73123	73123	Maker, drum
73124	73124	Maker, wood-wind musical instrument
73125	73125	Maker, metal-wind musical instrument
73129	73129	Other musical instrument makers and turners
73131	73131	Goldsmith
73131	73131	Jeweller
73131	73131	Pewtersmith
73131	73131	Silversmith
73132	New	Grader, gold
73132	73132	Repairer, jewellery
73133	73133	Slicer, gem
73134	73134	Setter, gem
73135	73135	Roller, precious metal
73136	73136	Engraver, jewellery
73137	73137	Polisher, gem
73138	73138	Enameller, jewellery

73139	73139	Other jewellery and precious-metal workers
73141	73211	Potter
73142	73312	Moulder/presser, brick and tile
73143	73213	Modeller, pottery and porcelain
73144	73214	Caster, pottery and porcelain
73145	73215	Jiggerer, pottery and porcelain
73145	73215	Maker, pottery and porcelain mould
73145	73215	Presser, pottery and porcelain
73145	73215	Thrower, pottery and porcelain
73145	73215	Turner, pottery and porcelain
73149	73219	Other potters and related workers
73151	73221	Blower, glass
73151	73222	Bender, glass
73152	JPA	Blower, glass N17
73153	73223	Cutter, optical glass
73154	73224	Cutter, glass
73155	73225	Polisher, glass
73156	73226	Grinder, glass
73157	73227	Moulder, glass lens
73158	73228	Finisher, glass
73159	New	Glass frame fabricator
73159	73229	Other glass makers, cutters, grinders and finishers
73161	73231	Engraver, glass
73161	73232	Etcher, glass
73162	New	Dipper, ceramics
73162	73239	Enameller, glass
73162	73239	Painter, ceramics
73162	73239	Painter, glass
73162	73239	Sandblaster, glass
73162	73239	Silverer, mirror
73163	73321	Stereotyper
73163	73322	Electrotyper
73163	73329	Router, printing plate
73171	New	Handicraft worker, reed weaving
73172	New	Handicraft worker, stone articles
73173	New	Handicraft worker, wooden articles
73134	74231	Maker, basket
73175	74232	Maker, brush
73176	74233	Weaver, mat
73177	74234	Maker, broom
73178	74235	Maker, furniture/rattan
73178	74235	Maker, furniture/wicker
73179	74239	Other basketry weavers, brush makers and related workers not elsewhere classified

73181	New	Handicraft workers in textile, leather and related materials
73191	New	Back knife fabricator
73192	New	Batch maker
73211	73311	Compositor
73212	73312	Printer
73213	73313	Typesetter
73214	73314	Operator, desktop publishing equipment
73215	73315	Maker, braille plate
73219	New	Other pre-press technicians
73221	73351	Cutter, stencil/silk-screen
73222	73352	Printer, silk-screen
73223	73353	Printer, textile
73224	73354	Printer, block
73225	73355	Press-operator, embossing
73226	73356	Tracer, textile design
73229	73359	Other printers
73231	73331	Bookbinder
73232	73331	Cutter, paper
73233	73331	Mounter, map and chart
73234	73332	Embosser, book
73235	73332	Finisher, book
73239	New	Other print finishing and binding workers
73241	73341	Engraver, printing/metal plate
73242	73342	Etcher, printing/metal plate
73243	73343	Engraver, printing/lithographic stone
73244	73344	Photo-engraver
73245	73345	Developer, film/color and black and white
73245	73345	Worker, darkroom
73246	73346	Developer, film/x-ray
73249	73349	Other printing and photo engravers and etchers
74121	New	Chargeman, high voltage/restriction
74121	72411	Fitter, electrical
74121	72412	Fitter, electrical/elevator and related equipment
74122	New	Electrical chargeman
74123	72413	Electrician, building
74123	New	Electrician, maintenance
74123	New	Wireman
74124	72414	Electrician, ship
74125	72415	Electrician, vehicle
74126	72416	Electrician, aircraft
74127	72417	Electrician, stage and studio
74128	72418	Electrical repairman, household appliance
74129	72419	Fitter, electrical/motors and dynamos

74129	72419	Fitter, electrical/office-machinery
74129	New	Fitter, maintenance
74129	New	Foreman, electrical
74129	New	Foreman, maintenance
74129	New	Generator
74131	72441	Line worker, electrical power
74132	72442	Cable line worker, telephone/telegraph/TV
74133	72443	Jointer, cable/electric
74134	72444	Layer, underground cable
74139	72449	Other electrical line installers, repairers and cable jointers
74211	72421	Fitter, electronics
74211	72421	Repairer, electronics
74212	72422	Fitter, electronics/radio, television, video and radar equipment
74213	72423	Fitter, electronics/signaling system
74214	72424	Fitter, electronics/medical equipment
74215	72425	Fitter, electronics/computer and related electronic equipment
74216	72426	Fitter, electronics/industrial equipment
74217	72427	Fitter, electronics/meteorological equipment
74218	New	Driver, network
74218	New	Operator, network
74218	New	Operator, wireless
74219	72429	Other electronics fitters, mechanics and services
74221	72431	Installer, telephone and telegraph
74221	72431	Telephone wireman
74222	72432	Mechanic, telephone and telegraph
74222	72432	Servicer telephone and telegraph
74223	New	Worker, IT support
74229	72439	Other information and communications technology installers and services
75111	74111	Slaughterer
75112	New	Butcher
75112	74112	Flayer
75113	74113	Fishmonger
75114	74114	Curer, meat/fish
75115	74115	Pickler, meat/fish
75115	74115	Salter, meat/fish
75116	74116	Maker, sausage
75117	New	Grader, fish
75119	New	Other butchers, fishmongers and related food preparers
75121	74121	Baker
75122	74122	Baker, bread
75123	74123	Baker, pastry
75124	74124	Maker, confectionary
75125	74125	Maker, chocolate
75126	74126	Maker, yeast

75127	74127	Maker, noodle
75128	74128	Maker, chewing-gum
75129	74129	Weigher, ingredients
75129	74129	Other bakers, pastry – cooks and confectionery makers
75141	74131	Preserver, fruit
75142	74132	Preserver, vegetable
75143	74133	Maker, fruit juice
75143	74133	Maker, syrup
75144	74133	Maker, vegetable juice
75145	74134	Expeller, oil
75151	74141	Grader/taster, tea
75152	74142	Grader/taster, coffee
75153	74143	Grader/taster, food
75154	74144	Grader/taster, liquor
75154	74144	Grader/taster, wine
75155	74145	Grader, meat
75156	74146	Grader, fruit/vegetable
75157	74147	Taster, juice
75158	74148	Grader, oil
75159	74149	Grader/examiner/sorter, padi
75159	74149	Other food and beverage tasters and graders
75161	74151	Grader, tobacco
75162	74152	Maker, cigar
75163	74153	Maker, cigarette
75164	74154	Quality checker, cigarette
75169	74159	Curer, tobacco
75169	74159	Dryer, tobacco
75169	74159	Stripper, tobacco
75169	74159	Other tobacco preparers and tobacco products makers
75211	74211	Impregnator, wood
75211	74211	Treater, wood
75212	74212	Seasoner, wood
75213	74213	Grader, wood
75214	74214	Grader, veneer
75219	74219	Other wood treaters
75221	74221	Maker, cabinet/wooden
75222	74222	Builder, bullock cart
75223	74223	Maker, furniture/wooden
75224	74224	Maker, coffin
75225	74225	Maker, clog
75226	74226	Maker, model/wooden
75227	74227	Veneer applier
75228	74228	Maker, picture frame
75229	74229	Carver, wood

75229	74229	Inlayer, marquetry
75229	74229	Lacquerer, wood
75229	74229	Maker, sports equipment/wood
75229	74229	Maker, toy/wooden
75229	74229	Marker, woodworking
75229	74229	Pattern-maker, wood patterns
75229	74229	Polisher, wood
75229	74229	Turner, wood (hand)
75229	74229	Other cabinet-makers and related workers
75311	74321	Dressmaker
75311	74321	Tailor
75312	74322	Maker, cap
75312	74322	Maker, hat
75312	74322	Milinder
75313	74323	Maker, wig
75314	New	Operator, sewing
75314	74391	Seamstress
75314	74391	Sewer
75315	New	Worker, sewing
75315	74392	Carpet mender
75316	74393	Embroiderer, hand
75317	74394	Maker, artificial flower
75318	74395	Maker, doll and stuffed-toy
75319	74396	Maker, umbrella
75319	74397	Maker, sack
75319	74398	Maker, sail, tent and awning
75319	74399	Crocheter, hand
75319	74399	Knitter, hand
75319	74399	Lacer, hand
75319	74399	Loom threader, hand
75319	74399	Maker, hand/braid
75319	74399	Maker, hand/net
75319	74399	Repairer, fabrics/knitted
75319	74399	Weaver, hand/cloth
75319	74329	Other tailors, dressmakers, furriers and hatters
75321	74331	Pattern-maker, garment
75322	74332	Pattern-maker, hat and cap
75323	74333	Maker, garment
75324	74334	Cutter, garment
75325	74335	Cutter, gloves
75325	74335	Cutter, mattres
75325	74335	Cutter, sail
75325	74335	Cutter, tent
75325	74335	Cutter, umbrella
75326	74336	Pattern-maker, gloves
75326	74336	Pattern-maker, mattres
75326	New	Pattern-maker, paper

75326	74336	Pattern-maker, sails
75326	74336	Pattern-maker, tents
75326	74336	Pattern-maker, umbrella
75329	74339	Other garment and related pattern-makers and cutters
75331	74421	Shoemaker
75332	74422	Maker, footwear/orthopedic
75332	74422	Maker, footwear/surgical
75333	74423	Cobbler
75333	74423	Repairer, footwear
75334	74424	Pattern-maker, footwear
75334	74424	Pattern-maker, shoe
75335	74425	Maker, leather goods
75336	74426	Maker, footwear/sports
75336	74426	Maker, sports equipment/footwear
75339	74429	Other shoemakers and related workers
75341	74341	Upholsterer, furniture
75342	74342	Upholsterer, vehicle
75343	74343	Maker, mattres
75344	74344	Maker, cushion
75344	74344	Maker, soft furnishing
75345	74345	Maker, bedding
75346	74346	Maker, quilt
75347	74347	Upholsterer, aircraft
75348	74348	Upholsterer, railway carriage
75349	74349	Other upholsterers and related workers
75350	74410	Pelt dressers, tanners and fellmonger
75371	74311	Grader, fibre
75372	74312	Carder, fibre
75372	74312	Carder, wool
75373	74313	Drawer, fibre
75374	74314	Rover, fibre
75375	74315	Comber, fibre
75376	74316	Picker, fibre/textiles
75379	74319	Cooker, silkworm
75379	74319	Other fibre preparers
75411	72160	Diver construction
75411	72160	Worker, underwater
75412	New	Dive master
75413	New	Dive boatman
75421	71113	Blaster
75421	71113	Shot firer
81111	81111	Machine operator, cutting/mine

81111	81112	Machine operator, drilling/mine
81111	81114	Machine operator, mining/continuous
81111	71111	Miner
81111	71114	Sampler, mine
81112	81113	Machine operator, drilling/quarry
81112	71112	Quarier
81112	71115	Sampler, quarry
81119	New	Other miners and quarries
81119	71119	Timberman, underground
81121	81125	Machine operator, crushing/coal
81121	81124	Machine operator, splitting/stone
81121	81124	Machine operator, stone processing
81122	81122	Machine operator, milling/mineral
81122	81124	Machine operator, milling/stone
81123	81123	Attendant, trommel
81123	81123	Dresser, tin ore
81123	81123	Operator magnetic-separator
81123	81123	Solution man
81123	81123	Worker, minerals floatation
81124	81126	Tender, jig
81129	New	Worker, stone
81129	81129	Other mineral and stone processing plant operators
81131	81117	Operator, drilling equipment/wells
81131	81118	Operator, drilling equipment/cable (oil & gas wells)
81131	81118	Operator, drilling equipment/rotary (oil & gas wells)
81132	81116	Operator, derrick/oil & gas wells
81132	81118	Operator, pulling equipment/oil & gas wells
81133	81115	Machine operator boring equipment/well
81141	82122	Machine operator, cast concrete products
81141	82128	Machine operator, cement product
81141	82127	Machine operator, concrete mixing
81142	82123	Machine operator, asbestos
81142	82124	Machine operator, asbestos-cement product
81143	82126	Machine operator, abrasive coating
81143	82125	Machine operator, cast stone
81143	82121	Machine operator, terrazzo tile
81149	82129	Other cement, stone and other mineral products machine operators
81211	81211	Converter blowing operator, steel converting
81211	81211	Furnace-operator, converting/steel
81211	81212	Furnace-operator, refining/steel (open-hearth furnace)
81212	81228	Continuous-mill roller, steel/cold-roller, steel
81212	81228	Hot-roller, steel
81213	81235	Furnace-operator, case-hardening/metal
81213	81232	Furnace-operator, hardening/metal
81213	81234	Furnace-operator, heat-treating/metal

81213	81221	Furnace-operator, melting/metal
81213	81214	Furnace-operator, refining/non-ferrous metal
81213	81225	Furnace-operator, reheating/metal
81213	81213	Furnace-operator, smelting/metal (blast furnace)
81214	81222	Machine operator, casting metal
81214	81226	Machine operator, casting/centrifugal (cylindrical metal product)
81214	81227	Machine operator, casting/continuous rod (non-ferrous metal)
81214	81223	Machine operator, die-casting
81214	81241	Machine operator, drawing/metal
81214	81224	Operator, rolling mill/non-ferrous metal
81215	81231	Annealer, metal
81215	81241	Drawer, metal
81215	81242	Extruder metal
81215	81228	Operator, mill table
81215	81233	Temperer, metal
81216	81243	Drawer, seamless pipe and tube
81216	81241	Drawer, wire
81216	81244	Machine operator, barbed-wire
81216	81241	Machine operator, drawing/wire
81216	81242	Machine operator, extruding/wire
81216	81249	Machine operator, insulating
81216	81243	Machine operator, seamless pipe and tube
81216	81249	Machine operator, stripping and cutting/wire
81219	81249	Other metal processing and finishing plant operators
81221	82221	Electroplater
81221	82221	Machine operator, electroplating/metal
81222	82222	Hot-dip plater
81222	82222	Machine operator, dipping/metal
81223	82223	Galvaniser
81223	82223	Machine operator, galvanishing/metal
81224	82226	Machine operator, sandblaster equipment
81224	82226	Sandblaster, metal
81225	82227	Casting finisher
81225	82228	Cleaner, metal
81225	82227	Machine operator, finishing/cast metal articles
81226	82224	Machine operator, sprying/metal
81227	82225	Oxidizer
81228	New	Operator, moulding
81311	81517	Compounder, match/chemical and related processes
81311	81511	Machine operator, mixing and blending/chemical and related processes
81311	81514	Machine operator, pulverising/chemical and related processes
81311	81516	Machine operators, glue-mixing
81311	81515	Machine operators, paint-mixing
81311	81512	Operator, crusher/chemical and related processes
81311	81513	Roll-mill operator, chemical and related processes
81312	81524	Cement furnaceman
81312	81521	Cooker, chemical processes

81312	81525	Kiln-operator, chemical and related processes
81312	81521	Operator, cooking equipment/chemical and related processes
81312	81523	Operator, drier/chemical and related processes
81312	81528	Operator, heat-treating plant/chemical and related process
81312	81526	Operator, retort/chemical and related processes
81312	81522	Operator, roasting equipment/chemical and related processes
81312	81527	Operator, spray-dried/chemical and related processes
81312	81522	Roaster, chemical processes
81313	81531	Machine operator, sieving/chemical and related processes
81313	81534	Operator, separator/chemical and related processes
81313	81535	Operator, treating equipment/crude oil
81313	81531	Press-operator, filter/chemical and related processes
81313	81533	Rotary drum filterer
81314	82229	Enameller, chemical
81314	81595	Foam maker, chemical
81314	81594	Kiln-operator, charcoal
81314	81597	Operator, acid plant
81314	81592	Operator, bleacher/chemical
81314	81542	Operator, converter/chemical processes (except petroleum and natural gas)
81314	81543	Operator, evaporator
81314	81598	Operator, fertilizer plant
81314	81541	Operator, still/batch (chemical processes except petroleum and natural gas)
81314	81541	Operator, still/chemical processes
81314	81541	Operator, still/continuous (chemical processes except petroleum and natural gas)
81314	81541	Operator, still/turpentine
81314	81543	Operator, vacuum pan/chemical and related processes (except petroleum and natural gas)
81314	81542	Reactor-converter (chemical processes)
81314	81599	Sulphur burner
81314	81596	Yarn maker, synthetic
81315	81599	Operator, treater/radioactive waste
81316	82212	Machine operator pharmaceutical products
81316	81594	Machine operator, coke production
81316	82211	Machine operator, detergent production
81316	81593	Machine operator, mosquito coil production
81316	82213	Machine operator, toiletry products
81316	82211	Maker, soap
81317	82291	Machine operator, ammunition products
81317	82292	Machine operator, candle production
81317	82297	Machine operator, chlorine gas production
81317	82293	Machine operator, explosives production
81317	82299	Machine operator, fireworks production
81317	82294	Machine operator, halogen gas production
81317	82299	Machine operator, hydrogen gas production
81317	82298	Machine operator, lead production
81317	82295	Machine operator, linoleum production
81317	82296	Machine operator, match production
81317	82299	Machine operator, pencil production
81317	82299	Machine operator, washing/chemical and related material

81321	New	Assistant, scanning and filming
81321	82231	Machine operator, photograph developing (colour and black & white)
81321	82234	Machine operator, photography printing
81322	JPA	Assistant, film laboratory C17
81323	82236	Machine operator, film paper production
81323	82234	Machine operator, film processing machine
81323	82237	Machine operator, photographic film production
81323	82238	Machine operator, photographic products
81323	82235	Machine operator, photographic plate production
81323	82232	Machine operator, photograph enlarging
81324	JPA	Technician, audio-visual N17
81325	JPA	Operator, camera offset/platemaker N17
81326	JPA	Assistant operator, camera N11
81327	31318	Operator, audio-visual aids
81327	31315	Operator, camera/motion picture
81327	31316	Operator, camera/television
81327	31318	Operator, film-recorder
81327	31318	Operator, recording equipment, sound and image
81327	31317	Operator, studio equipment/radio and television
81327	31318	Operator, telecine
81327	31318	Operator, video tape-recorder
81328	New	Photo finisher
81329	New	Other photographic products machine operator and related
81411	82311	Attendant, mill/rubber
81411	82311	Machine operator, milling/rubber
81411	82311	Operator, banbury-mixer/rubber
81412	82312	Machine operator, extruding/rubber
81413	82313	Press-operator, moulding/rubber
81414	82314	Machine operator, calender/rubber
81415	82315	Machine operator, cutting/rubber
81416	82316	Machine operator, tyre production
81416	82317	Tyre retreader
81417	82318	Air-bag builder
81417	82318	Foam maker, rubber
81417	82318	Machine operator, rubber products
81417	82318	Machine operator, rubber stamp production
81417	82318	Maker, hose
81419	82319	Other rubber production machine operators
81421	82321	Machine operator, mixing/plastics
81422	82322	Press-operator, laminating/plastics
81423	82323	Machine operator, extruding/plastics
81424	82324	Machine operator, injection moulding/plastics
81425	82325	Machine operator, compression moulding/plastics
81426	82326	Machine operator, vacuum plastic-forming
81427	82328	Machine operator, embossing/plastics
81427	82327	Machine operator, tableting/plastics

81428	82329	Machine operator, plastic production
81429	82329	Machine operator, plastic product
81429	82329	Other plastics product machine operators
81431	82531	Machine operator, carton and paper box production
81431	82538	Machine operator, paper products
81432	82533	Machine operator, cellophane bag production
81432	82532	Machine operator, envelope & paper bag production
81433	82534	Machine operator, straw production
81434	82536	Machine operator, joss paper production
81435	82537	Machine operator, cardboard products
81435	82535	Press-operator, cardboard
81439	82539	Other paper products machine operators
81511	82614	Machine operator, twisting/thread and yarn
81511	82615	Reeler, silk
81511	82611	Spinner, thread and yarn
81511	82612	Winder, thread and yarn
81512	82613	Hagotan operator, abaca hemp
81512	82613	Machine operator, cotton-mixing
81512	82613	Machine operator, fibre preparing
81513	82615	Machine operator, rope-laying
81514	82619	Instructor, roving and spinning
81519	New	Other fibre preparing, spinning and winding machine operators
81521	82621	Instructor, weaving
81521	82627	Machine operator, warping/beam (textile weaving)
81521	82621	Machine operator, weaving
81521	82624	Machine operator, weaving/carpet
81522	82622	Machine operator, knitting
81522	82623	Machine operator, net production
81523	82621	Crimp-setter, textile
81523	82621	Sizer, textile
81524	82625	Jacquard card cutter
81524	82622	Loom fixer
81525	82628	Fabric repairer
81525	82626	Machine operator, lace production
81529	New	Other weaving and knitting machine operators
81531	82699	Leather sewer, machine
81531	82631	Machine operator, sewing
81532	82632	Crocheter, machine
81533	82632	Embroiderer, machine
81539	New	Other sewing machine operators
81541	82641	Machine operator, bleaching/textile
81542	82642	Machine operator, dyeing
81543	82643	Machine operator, starching
81544	82644	Machine operator, washing and shrinking/textiles

81545	82645	Machine operator, drying/textiles
81546	82646	Machine operator, dry-cleaning
81547	82647	Operator, calendar/textiles
81549	82649	Other textile treating machine operators
81551	82651	Machine operator, hide processing
81552	82652	Machine operator, flesing/hide
81553	82653	Machine operator, dehairing/hide
81554	82654	Machine operator, tanning
81555	82655	Machine operator, staining/leather
81556	82656	Machine operator, cutting/leather
81559	New	Other fur and leather preparing machine operators
81561	82661	Machine operator, footwear production
81561	82661	Machine operator, shoe production
81562	82662	Machine operator, footwear production/orthopaedic
81563	82663	Machine operator, footwear production/sports
81569	New	Other shoemaking and related machine operators
81571	New	Machine operator, dyeing/textile fibres
81572	New	Machine operator, laundering
81573	New	Machine operator, pressing/laundry
81591	82691	Machine operator, braid production
81592	82692	Cutter, leather garment
81592	82692	Machine operator, cutting/garments
81593	82693	Machine operator, cutting/textile
81594	82694	Machine operator, hat making
81594	82695	Machine operator, mattress production
81595	82696	Machine operator, pattern-making/leather
81596	82697	Machine operator, pattern-making/textiles
81597	82699	Machine operator, folding/cloth
81599	82699	Other textile and leather products machine operator not elsewhere classified
81601	82713	Machine operator, belacan production
81601	82716	Machine operator, canning/fish
81601	82717	Machine operator, canning/meat/food
81601	82712	Machine operator, fish meal production
81601	82714	Machine operator, fish processing
81601	82714	Machine operator, meal processing
81601	82715	Machine operator, meat
81601	82711	Machine operator, sausage production
81602	82721	Attendant, churn/dairy products
81602	82724	Cream separator, dairy
81602	82724	Machine operator, butter products
81602	82722	Machine operator, ice-cream production
81602	82725	Machine operator, milk powder production
81602	82723	Machine operator, churn/dairy products
81602	82721	Machine operator, processing/dairy products

81602	82723	Operator, sterilizer/dairy products
81602	82726	Operator, vacuum pan/condensed milk
81603	New	Assistant miller
81603	82731	Attendant, mill/foodgrains
81603	82731	Blender, flour
81603	82736	Grinder, feed
81603	82735	Machine operator, milling/mustard seeds
81603	82731	Miller, grain
81603	82732	Miller, rice
81603	82733	Miller, spice
81603	82734	Miller, tapioca
81603	82737	Mixer, spice
81604	82742	Machine operator, bread production
81604	82749	Machine operator, cereal production
81604	82744	Machine operator, chocolate production
81604	82743	Machine operator, confectionery production
81604	82745	Machine operator, noodle production
81604	82748	Machine operator, pasta production
81604	82741	Machine operator, pastry production
81604	82746	Machine operator, sago production
81604	82747	Machine operator, wafer-baking
81604	82749	Machine operator, yeast making
81605	82759	Attendant, sterilizing oil palm
81605	82756	Dehydrator, foodstuffs
81605	82757	Machine operator, canning (food canning and preserving)
81605	82759	Machine operator, edible nut processing
81605	82759	Machine operator, fruit juice production
81605	82753	Machine operator, margarine processing
81605	82755	Machine operator, refining/oils and fats
81605	82758	Machine operator, sauce production
81605	82759	Machine operator, vegetable juice production
81605	82754	Machine operator, vegetable processing
81605	82759	Maker, jam (machine)
81605	82759	Maker, peanut butter
81605	82752	Miller, oil seed/palm oil
81605	82759	Nut roaster
81605	82755	Operator, fractionation plant
81605	82753	Operator, margarine plant
81605	82758	Preserver, sauces and condiments
81605	82752	Press-operator, edible oils
81605	82751	Press-operator, fruit
81606	82760	Operator, processing and refining/sugar
81607	82775	Attendant, filtration
81607	82777	Attendant, pasteurizer (brewery)
81607	82771	Brewer
81607	82779	Carbonation man (malt liquor)
81607	82773	Kiln-operator, matlting/spirit
81607	82771	Machine operator, brewing/spirits
81607	82772	Machine operator, distillig/spirits

81607	82779	Machine operator, liquor production
81607	82778	Machine operator, soft-drinks production
81607	82779	Machine operator, vinegar making
81607	82771	Maker, germination (malting)
81607	82774	Operator, fermentation equipment/spirits
81607	82771	Operator, germination equipment/malting
81607	82776	Operator, syrup-mixing plant
81608	82782	Machine operator, cigar production
81608	82781	Machine operator, cigarette production
81608	82783	Machine operator, tobacco production
81609	82795	Machine operator, bean curd production
81609	82793	Machine operator, cocoa-bean processing
81609	82792	Machine operator, coffee-bean processing
81609	82794	Machine operator, feed mixing
81609	82796	Machine operator, soup powder production
81609	82791	Machine operator, tea-leaf processing
81711	81421	Operator, digester
81712	81422	Machine operator, chipping
81713	81423	Operator, beater
81714	81424	Machine operator, grinding/wood
81715	81425	Operator, bleacher
81716	81426	Cutter, paper pulp
81717	81427	Valve operator, paper pulp
81718	81428	Operator, paper-pulp plant
81718	81431	Machine operator, papermaking
81718	81432	Operator, supercalender/paper
81718	81433	Machine operator, coating
81718	81434	Machine operator, cutting/paper
81718	81435	Machine operator, cardboard production
81719	81429	Other pulp and papermaking plant operators
81721	81411	Operator, sawmill
81721	New	Operator, wet timber sawing
81721	81411	Sawyer, sawmill
81721	81411	Sawyer, wood
81722	81412	Cutter, veneer
81722	81412	Lathe feeder, veneer
81722	81412	Lathe-operator, cutting/veneer
81723	81413	Plywood core layer
81724	81414	Press-operator, plywood
81725	81415	Machine operator, seasoning/wood
81726	81416	Machine operator, incising (wood preserving)
81726	81416	Machine operator, treating/wood
81727	81417	Operator, veneer dryer
81728	81418	Operator, auto-clipper
81729	81419	Other wood processing plant operators
81729	81419	Setter, veneer

81731	82401	Lathe-operator, woodworking
81731	82401	Machinist, wood
81732	82402	Sawyer, precision wood
81733	82403	Turner, wood (machine)
81734	82404	Machine operator, wood-wool
81735	82405	Operator, sander
81736	82406	Machine operator, carving/wood
81737	82407	Machine operator, furniture production
81738	82408	Machine operator, wood products
81739	82409	Other wood products machine operators
81811	New	Machine operator, mixing/clay
81812	New	Machine operator, mixing/glass
81821	81621	Fireperson, ship
81821	81621	Operator, boiler/ship
81822	81622	Boilerman
81822	81622	Operator, boiler plant/steam
81823	81623	Fireperson, railway engine
81823	81623	Operator, steam engine
81829	81629	Other steam engine and boiler operators
81831	New	Operator, carton
81832	New	Operator, packing
81832	New	Packer
81841	81311	Furnace-operator, glass production
81841	New	Operator, retort
81842	81312	Furnace-operator, annealing/glass
81843	81313	Kiln-operator, brick and tile
81844	81314	Kiln-operator, pottery and porcelain
81844	81314	Machine operator, casting/pottery and porcelain
81844	81314	Machine operator, ceramics production
81844	81314	Machine operator, pottery and porcelain
81845	81315	Furnace-operator, tempering/glass
81845	81315	Temperer, glass
81846	81316	Machine operator, blowing/glass
81847	81317	Machine operator, engraving/glass
81847	81317	Machine operator, etching/glass
81848	81318	Operator, sandblasting equipment/glass
81849	81319	Machine operator, bottle production
81849	81319	Machine operator, brick-and-tile production
81849	81319	Machine operator, pressing/glass
81849	81319	Maker, glass tube
81849	81319	Polisher, plate-glass
81849	81391	Mixer, glass
81849	81392	Clay maker, pottery
81849	81391	Mixer, clay
81849	81392	Operator, pug-mill/clay

81849	81393	Maker, glaze
81849	81394	Machine operator, glass-fibre production
81849	81394	Maker, fibreglass
81849	81395	Press-operator, filtering/clay
81849	81396	Machine operator, mixing/abrasives
81849	81397	Machine operator, glaze production
81849	81399	Press-operator, extruding/clay
81849	81319	Other glass and ceramics kiln and related machine operators
81911	82511	Press-operator, printing/cylinder
81912	82512	Press-operator, printing/offset
81913	82513	Press-operator, printing/rotary
81914	82514	Press-operator, printing/rotogravure
81915	82515	Press-operator, printing/direct lithographic
81916	82516	Press-operator, printing/wallpaper
81916	82516	Printer, wallpaper
81919	New	Operator, printing
81919	82519	Other printing paper machine operators
81921	82521	Machine operator, bookbinding
81922	82522	Machine operator, embossing/book
81929	82529	Other bookbinding machine operators
82111	82817	Assembler, aircraft
82111	82811	Assembler, automobile
82111	82819	Assembler, engine/marine
82111	82813	Assembler, motor-cycle
82112	82816	Assembler, bicycle
82112	82816	Repairer, bicycle
82113	82812	Assembler, refrigeration and air-conditioning equipment
82114	82815	Assembler, sewing machine
82115	82814	Assembler, earth-moving equipment
82115	82819	Assembler, machine tool
82115	82819	Assembler, mining machinery
82116	82819	Assembler, printing machinery
82116	82819	Assembler, textile machinery
82117	82818	Assembler, industrial machinery
82118	82819	Assembler, agricultural machinery
82118	82819	Assembler, wood working machinery
82119	New	Foreman, mechanical
82119	New	Mechanical, fitter
82119	New	Other mechanical machinery assemblers
82121	82821	Assembler, electrical equipment
82122	82822	Assembler, electronic equipment
82123	82823	Assembler, semi-conductor
82124	82824	Assembler, battery
82125	82825	Assembler, electric-sign
82126	82829	Assembler, chronometer

82126	82829	Assembler, clock
82126	82829	Assembler, office machinery
82126	82829	Assembler, watch
82127	82826	Assembler, hearing aid
82127	82826	Assembler, microelectronics equipment
82128	82827	Assembler, audio-visual equipment
82129	82828	Assembler, precision instrument
82131	82831	Assembler, leather products
82132	82832	Assembler, metal products
82133	82833	Assembler, rubber products
82134	82834	Assembler, plastics products
82191	82903	Machine operator, labelling
82191	82902	Machine operator, packing
82191	82909	Machine operator, wrapping
82191	82901	Quality checker/tester
82192	82905	Machine operator, capping
82192	82909	Machine operator, sealing
82193	82906	Machine operator, filling/container
82193	82904	Machine operator, bottling
82194	82908	Machine operator, pelletising
82194	82907	Machine operator, insulation
82195	82909	Operator, merry-go-round
82195	82909	Press operator, baling
82196	82909	Machine operator, silicon chip production
82196	82909	Machine operator, splicing/cable and rope
82196	82909	Operator, marking equipment/road
82197	New	Operator, sub-assembly manual
82198	82891	Assembler, wood products
82198	82892	Assembler, paperboard products
82199	82893	Assembler, textile products
82199	82894	Assembler, composite products
82211	82111	Coremaker, machine, foundry
82211	82111	Machine operator, armature production
82211	82111	Machine operator, bending/metal
82211	82111	Machine operator, boiler production
82211	82111	Machine operator, buffing/metal
82211	82111	Machine operator, burnishing/metal
82211	82111	Machine operator, cable production
82211	82111	Machine operator, clock production
82211	82111	Machine operator, commutator production
82211	82111	Machine operator, core-blowing
82211	82111	Machine operator, coremaking/metal
82211	82111	Machine operator, cutting/metal
82211	82111	Machine operator, engraving/metal
82211	82111	Machine operator, etching/metal
82211	82111	Machine operator, flamecutting/metal

82211	82111	Machine operator, forging/metal
82211	82111	Machine operator, forming/metal
82211	82111	Machine operator, grinding/metal
82211	82111	Machine operator, jewellery production
82211	82111	Machine operator, lapping/metal
82211	82111	Machine operator, metal products
82211	82111	Machine operator, minting/metal
82211	82111	Machine operator, moulding/metal
82211	82111	Machine operator, nail production
82211	82111	Machine operator, needle production
82211	82111	Machine operator, nut production/metal
82211	82111	Machine operator, pipe production
82211	82111	Machine operator, reaming/metal
82211	82111	Machine operator, rivet production
82211	82111	Machine operator, riveting
82211	82111	Machine operator, sawing/metal
82211	82111	Machine operator, sharpening/metal
82211	82111	Machine operator, shearing/metal
82211	82111	Machine operator, spinning/metal
82211	82111	Machine operator, sports equipment/metal
82211	82111	Machine operator, tool production
82211	82111	Machine operator, toy production/metal
82211	82111	Machine operator, watch production
82211	82111	Machine operator, welding/metal
82211	82111	Machine operator, wire goods production
82211	82111	Machine operator, wiring/electric
82211	82111	Machine operator, zip production
82211	82111	Metal-printing roller-engraver, machine
82211	82111	Press-operator, metal/except forging
82211	82111	Press-operator, punching/metal
82211	82111	Press-operator, stamping/metal
82211	82111	Setter-operator, metalworking machine
82212	82112	Setter-operator, lathe
82213	82113	Setter-operator, shaping machine
82214	82114	Setter-operator, boring and drilling machine
82215	82115	Setter-operator, honing machine
82216	82116	Setter-operator, milling machine
82217	82117	Setter-operator, planning machine
82219	82119	Other machine-tool setter-operators
83111	New	Driver, locomotive
83111	83111	Driver, railway engine
83112	New	Operator, commuter
83112	New	Operator, mono-rail
83112	New	Operator, train/ERL
83112	83112	Operator, train/LRT
83113	83113	Driver, mine engine
83114	New	Assistant, driver locomotive
83114	New	Driver, engine

83119	New	Other railway engine and LRT train drivers
83121	83121	Braker, railway
83122	83122	Signaller, railway
83123	83123	Shunter, railway
83124	83124	Coupler, railway yard
83124	83124	Yardman
83125	83129	Pointsman, railway
83126	83129	Gateman, railway
83129	83129	Other railway braker and related workers
83211	83211	Motorcyclist
83212	83212	Rider, despatch
83213	New	Driver, auto rickshaw
83214	New	Driver, motorized tricycle
83221	83221	Driver, taxi
83222	83222	Chauffeur
83222	New	Driver, officer/manager
83223	83223	Driver, van
83224	83224	Driver, ambulance
83225	New	Car jockey
83225	New	Driver, bell
83226	New	Driver, personal
83227	New	Driver, car
83228	JPA	Driver R3
83229	New	Other car, taxi and van drivers
83311	83231	Driver, bus
83312	83232	Driver, tram
83313	New	Assistant, driver
83314	New	Motor coach driver
83319	New	Other bus, tram and related drivers
83321	83241	Driver, lorry
83322	83242	Driver, fire-engine (Bomba)
83323	83243	Driver, dumper
83324	83244	Driver, truck
83325	83244	Driver, tanker
83326	New	Driver, towing
83327	New	Operator, shuffle-car/mine
83329	83249	Other heavy truck and lorry drivers
83411	83311	Driver, farm tractor
83411	83311	Operator, motorized farm equipment
83412	83312	Driver, timber carrier
83413	83313	Driver, winch-truck (logging)
83414	83314	Operator, harvester (padi)
83419	New	Other motorized farm and forestry plant operators

83421	83321	Operator, excavating-shovel
83422	83322	Machine operator, trench digging
83423	83323	Operator, pile-driver
83424	New	Driver, backhoe
83424	83324	Operator, bulldozer
83425	83325	Machine operator, road making
83425	83325	Operator, grader and scraper/road
83425	83325	Operator, road roller
83426	83326	Operator, dredge
83426	83326	Winchman, dredging
83427	83327	Operator, unneling machinery/construction
83428	83328	Operator, drilling plant
83429	83329	Operator, dragline
83429	83329	Operator, grab-bucket
83429	83329	Operator, tamping machinery/construction
83429	83329	Other earth-moving and related machinery operators
83431	83331	Operator, crane
83432	83333	Operator, hoist
83433	83332	Operator, winch
83434	83334	Operator, elevator/material handling
83435	83335	Operator, cable car
83439	83339	Other crane, hoist and related plant operators
83441	83340	Operator, truck/fork-lift
83442	83340	Operator, truck/industrial
83443	83340	Operator, truck/lifting
83501	83401	Helmsman
83501	83403	Deckhand (ship, barge and boat)
83501	83404	Quatermaster, ship
83502	JPA	Mechanic, marine engine A1/A11
83503	New	Assistant, shipping
83503	83407	Boatswain
83503	83407	Crewman
83503	83407	Sailor
83504	JPA	Sailor A1/A3
83505	JPA	Keeper, light house A1
83506	83405	Ram controller
83506	83406	Lightermen
83506	83408	Keeper, light house
83506	83409	Life-boatman
83507	JPA	Serang A17
83508	New	Hand, ferry
83508	New	Hand, tug
83509	83409	Serang
83509	83409	Serang, ferry service
83509	New	Seaman, able

83509	83409	Other ship's deck crew and related workers
91111	91211	Amah, general
91111	New	Assistant, housekeeper
91111	New	Cleaner, house
91111	New	Domestic servant
91111	91211	Helper, domestic
91111	New	Helper, house
91111	New	Housemaid
91112	91212	Laundress (household)
91113	91213	Cleaner, domestic
91114	New	Domestic housekeeper
91115	New	Charworker, domestic
91119	91219	Other domestic cleaners and helpers
91121	91221	Chambermaid
91121	91221	Room boy
91122	91222	Bell captain, hotel and lodging
91122	New	Porter, hotel/bellman
91123	91223	Washer, hand/dish
91124	91226	Cleaner, hotel/club/cafe
91124	91225	Cleaner, office
91125	New	Tea lady
91129	91229	Other cleaners and helpers in offices, hotels and other establishments
91211	91230	Workers, laundry and dry cleaning
91212	New	Ironing
91213	New	Dry-cleaner, hand
91214	New	Presser, hand
91221	91228	Cleaner, bus/interior
91222	91322	Cleaner, vehicles
91222	91322	Washer, hand/vehicle
91223	91227	Cleaner, aircraft
91224	New	Operator, auto polish
91224	New	Worker, auto sanding
91225	New	Cleaner, janitor
91226	New	Car detailer
91229	New	Other vehicle cleaner and related workers
91231	91321	Cleaner, window
91291	New	Worker, sundries and toiletries
91292	New	Worker, sundries
91293	New	Operator, washing
91294	New	Carpet cleaner
91295	New	Swimming pool cleaner
91296	New	Graffiti cleaner

92111	93111	Labourer farm
92112	New	Worker, estate/plantation
92113	New	Worker, manuring
92114	New	Worker, mandore
92119	New	Other crop farm labourers
92121	New	Buffalo watchman
92131	93111	Hand, farm
92131	93111	Helper, farm
92139	New	Other mixed crop and livestock farm labourers
92141	93121	Gardener
92142	93122	Cutter, grass
92143	93123	Cutter, tree
92144	93124	Worker, ground maintenance
92145	93125	Worker, golf course
92146	93126	Labourer, landscape
92149	93129	Other garden and horticultural labourers
92151	93192	Labourer, forestry
92152	93193	Labourer, hunting
92153	93194	Labourer, trapping
92154	New	Operator, tacky timber
92159	93199	Other forestry labourers
92161	93191	Labourer, fishery
92161	New	Peeler, anchovy
92169	New	Other fishery and aquaculture labourers
93111	New	Bucket labourer
93111	New	Dulang washer
93111	New	Labourer, mining
93111	93311	Worker, tin mine
93112	93312	Labourer, quarrying
93119	93319	Other mining and quarrying workers
93121	New	Labourer, construction
93122	New	Labourer, maintenance/dam
93131	93328	Hod carrier
93132	93322	Labourer, maintenance
93132	New	Worker, maintenance
93133	93323	Grave-digger
93133	93323	Labourer, digging
93134	93324	Land clearer
93135	93325	Trackman, railway
93136	93326	Handyman
93137	93327	Labourer, demolition

93139	New	Other building construction labourers
93211	93296	Packer, hand
93212	93295	Labeller, hand
93221	93211	Rubber coagulator
93222	93212	Sheet rubber maker
93223	93213	Attendant, smokehouse/rubber
93224	93214	Smokehouse stoker
93225	93215	Rubber sheet clipper and sorter
93226	93216	Cleaner, latex tank
93227	93217	Worker, heavecrumb process
93228	93218	Operator, laminating-machine/rubber
93229	93219	Other rubber processing workers
93291	93291	Labourer, manufacturing
93292	93292	Sorter
93293	93293	Winder, coil/hand
93294	93294	Labourer, assembling
93295	93297	Washer, hand/manufacturing
93299	93299	Maker, hand/carton and paper box
93299	93299	Mixer hand (chemical and related processes)
93299	93299	Other manufacturing labourers not elsewhere classified
93311	93420	Driver, pedal vehicle
93311	93420	Trishaw pedaller
93321	93431	Driver, animal-drawn vehicle or machinery
93322	93432	Driver, bullock-cart
93323	New	Driver, animal train
93324	New	Mahout
93331	93411	Docker
93331	93411	Stevedore
93332	93412	Handler, cargo/freight/product
93333	93413	Loader, railway and road vehicle
93334	93414	Loader, aircraft
93335	93415	Loader, boat (liquid and gases)
93336	93417	Porter, warehouse
93337	93418	Handler, material
93339	93419	Furniture mover
93339	93419	Other material and freight handling worker
93351	New	Store attendant
93352	New	Operator, store
93353	New	Worker, store
93354	New	Worker, warehouse
93355	New	Operator, warehouse

94121	New	Helper, kitchen
95101	New	Peddler, ice-cream
95201	91102	Hawker (except prepared food or drinks)
95201	91102	Newsvendor (street)
95201	91102	Vendor, newspapers
95201	91102	Vendor, street/non-food products
95202	91104	Pedler
96111	91411	Worker, garbage disposal
96112	91412	Night soil carrier
96113	New	Scrap handler
96119	91419	Other garbage and recycling collectors
96131	91421	Sweeper, road
96132	91422	Sweeper, park
96133	91423	Labourer, odd-jobbing
96211	92011	Messenger/courier
96212	92012	Porter, luggage/baggage (except hotel)
96213	92013	Office boy
96213	New	Paper searcher
96214	92014	Deliverer, newspaper/leaflets
96215	92015	Caddie-golf/master
96216	New	Assistant, delivery
96217	JPA	General worker, office (PAP) N1
96219	92019	Bill poster
96219	92019	Other messengers and porters
96221	New	Odd-job person
96222	New	Handyperson
96231	92041	Meter reader
96232	92042	Collector, vending machine/money
96239	92049	Other vending machine operators, meter readers and related workers
96251	92021	Attendant, laboratory
96252	92022	Attendant, hospital
96252	92022	Attendant, veterinary
96253	92023	Attendant, parking
96254	92024	Attendant, lift
96255	92025	Attendant, amusement park/recreation
96255	92025	Attendant, funfair
96256	New	Attendant, laundry
96256	92026	Attendant, lavatory
96256	92026	Attendant, restroom
96256	New	Attendant, room
96257	92027	Attendant, bowling-alley

96257	92027	Attendant, snooker
96257	92027	Attendant, sports
96258	New	Attendant, crane
96258	93416	Attendant, lorry/van/truck
96258	New	Attendant, ramp
96259	New	Attendant, jetty
96259	New	Attendant, machine
96259	New	Attendant, maintenance
96259	New	Attendant, public area
96291	JPA	General worker/Office boy (PRA) R1
96292	JPA	General worker/Office boy (PRAK) R3
96293	New	General unskill worker/labourer
96293	New	Worker, site general
96294	New	Worker, kindergarten
96295	New	Worker, inflatable
96296	New	Worker, sawing
96297	New	Leader, line
96297	New	Operator, sanding
96298	JPA	Operator camera/driver N3
96299	New	Collector, old metal
96299	New	Collector, old newspaper
96299	New	Trolley boy
96299	New	Operator camera/driver
01101	New	Second Lieutenant
01102	New	Lieutenant, Army
01103	New	Captain, Army
01104	New	Major
01105	New	Lieutenant Colonel
01106	New	Colonel
01107	New	Brigadier General
01108	New	Major General
01109	New	Lieutenant General
01109	New	General
01109	New	Field Marshal
01201	New	Private
01202	New	Lance Corporal
01203	New	Corporal
01204	New	Sergeant
01205	New	Staff Sergeant
01206	New	Warrant Officers Class 1
01207	New	Warrant Officers Class 2
02101	New	Admiral Of The Fleet
02102	New	Admiral
02103	New	Vice Admiral
02104	New	Rear Admiral

02105	New	First Admiral
02106	New	Captain, Navy
02107	New	Commander
02108	New	Lieutenant Commander
02109	New	Lieutenant, Navy
02109	New	Sub Lieutenant
02109	New	Acting Sub Lieutenant
02109	New	Midshipmen
02109	New	Cadet
02201	New	Warrant Officer I
02202	New	Warrant Officer II
02203	New	Chief Petty Officer
02204	New	Petty Officer
02205	New	Leading Rate
02206	New	Able Seaman
02207	New	Junior Able Seaman
03101	New	Royal Malaysian Air Force Pilot (Fighter, Transport, Helicopter)
03102	New	Royal Malaysian Air Force Navigator
03103	New	Royal Malaysian Air Force Weapon Sensor Officer
03104	New	Royal Malaysian Air Force Flight Engineer
03105	New	Royal Malaysian Air Force Aeronautical Engineer
03106	New	Royal Malaysian Air Force Communication/Software/Computer Engineer
03107	New	Royal Malaysian Air Force Administrative Officer/Law And Legal Officer
03108	New	Royal Malaysian Air Force Special Force Officer
03201	New	Royal Malaysian Air Force Airquatermaster
03202	New	Royal Malaysian Air Force Stewardess
03203	New	Royal Malaysian Air Force Airframe/Engine/Electrical/Avionic Technician
03204	New	Royal Malaysian Air Force Electron Technician
03205	New	Royal Malaysian Air Force Workshop/Carpenters/Clerk Technician
03206	New	Royal Malaysian Air Force Air Surveillance Technician
03207	New	Royal Malaysian Air Force Fire Fighter
03208	New	Royal Malaysian Air Force HF Radio Operator
03209	New	Royal Malaysian Air Force Movement Clerk/Statistic Clerk/Flight Planning Clerk