Updating the
International Standard Classification of Occupations (ISCO)

Draft ISCO-08 Group Definitions:
Occupations in Health
Issues for resolution or consideration

5321 and 5322 – boundary between health care assistants and home–based care personal care workers with respect to residential facilities - aged care homes, nursing homes, retirement villages.

Bonesetters: (setting and healing fractured and dislocated bones using traditional methods of manipulation, herbal preparations and oils) should they be classified in 3230, Traditional and complementary medicine practitioners, in 3255, Physiotherapy technicians and assistants, or together with chiropractors and osteopaths in 3259, Health associate professionals not elsewhere classified. Currently they are included in 3230.
Health service managers

Lead Statement
Health service managers plan, organise, direct, control and coordinate medical and health services in hospitals, clinics, public health agencies and similar organizations.

Task statement
Tasks Include:
(a) Providing overall direction and management for the service, facility, organisation or centre;
(b) Directing, supervising and evaluating the work activities of medical, nursing, technical, clerical, service, maintenance, and other personnel;
(c) Establishing objectives and evaluative or operational criteria for units they manage;
(d) Directing or conducting recruitment, hiring and training of personnel;
(e) Developing, implementing and monitoring procedures, policies and standards for medical, nursing, technical and administrative staff;
(f) Monitoring the use of diagnostic services, inpatient beds, facilities, and staff to ensure effective use of resources and assess the need for additional staff, equipment, and services;
(g) Controlling administrative operations such as budget planning, report preparation and expenditure on supplies, equipment and services;
(h) Liaising with other health and welfare service providers, boards and funding bodies to coordinate the provision of services;
(i) advising government bodies about measures to improve health and welfare services and facilities;
(j) representing the organisation in negotiations, and at conventions, seminars, public hearings and forums.

Included occupations
Medical Administrator
Clinical Director
Director of Nursing
Hospital Matron

Excluded occupations
Aged care service manager - 1343

Notes

ISCO 88 Code(s)
1229, part - 1319, part - 2230, part
Lead Statement
Aged care service managers plan, organise, direct, control and coordinate the provision of services for the elderly in the community and in nursing homes, retirement villages and similar aged care facilities.

Task statement
Tasks Include:
(a) Providing overall direction and management for the service, facility, organisation or centre;
(b) Directing, supervising and evaluating the work activities of medical, nursing, technical, clerical, service, maintenance, and other personnel;
(c) Establishing objectives and evaluative or operational criteria for units they manage;
(d) Directing or conducting recruitment, hiring and training of personnel;
(e) Developing, implementing and monitoring procedures, policies and standards for nursing, personal care, technical, and administrative staff;
(f) Coordinating and administering welfare programs and care services for the elderly;
(g) Controlling administrative operations such as budget planning, report preparation, expenditure on supplies, equipment and services;
(h) Liaising with other health and welfare providers, boards and funding bodies to coordinate the provision of services;
(i) Advising government bodies about measures to improve health and welfare services and facilities;
(j) Representing the organisation in negotiations, and at conventions, seminars, public hearings and forums.

Included occupations
Medical Administrator (Aus) / Medical Superintendent (NZ)
Nursing Clinical Director
Primary Health Organisation Manager
Welfare Centre Manager
Health and Welfare Services Managers nec

Excluded occupations
Nurse Managers are excluded from this unit group. Nurse Managers are included in Unit Group 2543 Nurse Managers.

Notes

ISCO 88 Code(s)
1229, part - 1319, part
ISCO 08 Code
22
Title EN
Health professionals

Lead Statement

Task statement

Included occupations

Excluded occupations

Notes

ISCO 88 Code(s)
Medical doctors diagnose and treat human physical and mental illnesses, disorders and injuries, and recommend preventive action, based on the scientific principles of modern medicine. They may specialise in certain disease categories or methods of treatment, or assume responsibility for the provision of continuing and comprehensive medical care to individuals, families and communities.

Tasks performed usually include: conducting examinations and questioning patients to determine the nature of disorders or illnesses; ordering tests, and analysing findings; prescribing and administering treatments, medications and other remedial measures performing surgery and other clinical procedures; monitoring patients' progress and response to treatment; inoculating patients against communicable diseases; advising on diet, exercise and other habits which aid prevention or treatment of disease and disorders; providing pre-natal and post-natal care and during childbirth; referring patients to, and exchanging medical information with other health professionals; reporting births, deaths and notifiable diseases to government authorities; arranging the admission of patients to hospital; conducting research into human disorders and illnesses and preventive or curative methods.

Included occupations

Excluded occupations

Notes

ISCO 88 Code(s)
Lead Statement

Generalist medical practitioners diagnose and treat human physical and mental illnesses, disorders and injuries, and recommend preventive action, based on the scientific principles of modern medicine. They do not limit their practice to certain disease categories or methods of treatment and may be employed as medical officers or interns in a hospital or other institutional setting, or assume responsibility for the provision of continuing and comprehensive medical care to individuals and families as general practitioners working in a community setting.

Task statement

Tasks include:
(a) conducting examinations and questioning patients to determine the nature of disorders or illnesses and recording patients' medical information;
(b) ordering laboratory tests, X-rays and other diagnostic procedures and analysing findings;
(c) providing overall care for patients and prescribing and administering treatments, medications and other remedial measures;
(d) performing surgery and other clinical procedures in the absence of a specialist surgeon;
(e) monitoring patients’ progress and response to treatment;
(f) inoculating patients against communicable diseases;
(g) advising on diet, exercise and other habits which aid prevention or treatment of disease and disorders;
(h) providing pre-natal and post-natal care;
(i) referring patients to, and exchanging medical information with, specialists and other health professionals;
(j) reporting births, deaths and notifiable diseases to government authorities;
(k) arranging the admission of patients to hospital.

Included occupations

Examples of the occupations classified here:
- Medical doctor (general)
- Medical officer (general)
- General practitioner
- Medical intern
- Resident medical officer
- Physician (general)

Excluded occupations

Specialist physician - 2212
Surgeon – 2212
Psychiatrist – 2212
Clinical officer – 2240
Feldscher - 2240

Notes

Although in some countries ‘general practitioner’ may be considered as a specialisation, this occupation should always be classified in unit group 2211, Generalist medical practitioners.
ISCO 88 Code(s)
2221, part
Lead Statement
Specialist medical practitioners diagnose and treat human physical and mental illnesses, disorders and injuries using specialised testing, diagnostic, medical and surgical techniques based on the scientific principles of modern medicine. They specialise in certain disease categories, types of patient or methods of treatment and may conduct research in their chosen areas of specialisation.

Task statement
Tasks include:
(a) conducting examinations, considering notes provided by referring doctor, and questioning patients to determine the nature of disorders or illnesses and recording patients' medical information;
(b) prescribing and administering specialised treatments, medications, anaesthetics;
(c) psychotherapy, rehabilitation programmes and other remedial measures;
(d) performing surgery of a general or specialised nature;
(e) providing specialised pre-natal and post-natal care and during childbirth;
(f) referring patients to, and exchanging medical information with, other health professionals;
(g) reporting births, deaths and notifiable diseases to government authorities;
(h) arranging the admission of patients to hospital;
(i) conducting research into human disorders and illnesses and preventive or curative methods and preparing scientific papers and reports.

Included occupations
Examples of the occupations classified here:
- Anaesthetist
- Emergency medicine specialist
- Ophthalmologist
- Obstetrician
- Gynaecologist
- Cardiologist
- Specialist physician (internal medicine)
- Paediatrician
- Pathologist
- Psychiatrist
- Radiologist
- Surgeon
- Medical Registrar

Excluded occupations
General practitioner - 2211

Notes
Medical registrars training as specialist medical practitioners are included in Unit group 2212, Specialist medical practitioners

ISCO 88 Code(s)
2221, part -2212, part
Nursing and midwifery professionals

Lead Statement
Nursing and midwifery professionals treat and care for the physically or mentally ill, the elderly, and mothers and their babies. They assume responsibility for the planning and management of the care of patients, including the supervision of other health care workers, working in teams with medical doctors and others in the practical application of preventive and curative measures, and dealing with emergencies as appropriate.

Task statement
Tasks performed usually include: assessing, planning, providing and evaluating nursing and midwifery care for patients according to accepted practice and standards; coordinating the care of patients in consultation with other health professionals and members of health teams; developing and implementing care plans for the biological, social, and psychological treatment of patients; providing personal care, treatments and therapies including medications, and monitoring responses to treatment or care plan; monitoring and alleviating pain and discomfort experienced by patients by administering drugs (including narcotics) or using other therapies; promoting health and assisting in the prevention of ill health by participating in health education and other health promotion activities; answering questions and providing information to patients and families about treatment and care; supervising and coordinating the work of other nursing and midwifery professionals, associate professional nurses and other health care workers; conducting research and preparing scientific papers and reports.

Included occupations

Excluded occupations

Notes

ISCO 88 Code(s)
**Lead Statement**

Nursing professionals treat and provide care for people who are physically or mentally ill, the elderly, the injured or physically or mentally disabled. They assume responsibility for the planning and management of the care of patients, including the supervision of other health care workers, working in teams with medical doctors and others in the practical application of preventive and curative measures, dealing with emergencies as appropriate.

**Task statement**

Tasks include:
(a) assessing, planning, providing and evaluating nursing care for patients according to accepted practice and standards;
(b) coordinating the care of patients in consultation with other health professionals and members of health teams;
(c) developing and implementing care plans for the biological, social, and psychological treatment of patients;
(d) providing personal care, treatments and therapies including medications, and monitoring responses to treatment or care plan;
(e) cleaning wounds and applying surgical dressings and bandages
(f) monitoring and alleviating pain and discomfort experienced by patients by administering drugs (including narcotics) or using other therapies;
(g) promoting health and assisting in the prevention of ill health by participating in health education and other health promotion activities;
(h) answering questions and providing information to patients and families about treatment and care;
(i) supervising and coordinating the work of other nursing professionals, associate professional nurses, personal care and other health care workers;
(j) conducting research and preparing scientific papers and reports.

**Included occupations**

Examples of the occupations classified here:
- Nurse, professional
- Nursing sister/ professional
  - Specialist nurse
  - Clinical nurse consultant

**Excluded occupations**

Some related occupations classified elsewhere:
- Nursing aid (hospital) - 5321
- Midwife, associate professional – 3222
  - Midwife, professional - 2222
- Nurse, associate professional - 3231

**Notes**

**ISCO 88 Code(s)**
2230, part
Midwifery professionals

Lead Statement
Midwifery professionals provide care and advice to women during pregnancy, labour and childbirth and the post-natal period. They deliver babies working independently or in collaboration with medical doctors, nurses and other health care workers and provide advice and assistance to parents in relation to baby care.

Task statement
Tasks include:
(a) assessing, planning, providing and evaluating care for mothers and babies according to accepted practice and standards;
(b) providing advice and support during pre-conception, intrapartum, antenatal and postnatal periods;
(c) providing care and management of pregnancy and childbirth;
(d) assessing progress during pregnancy and childbirth and recognising warning signs of abnormal and potentially abnormal pregnancies requiring referral to an Obstetrician or involvement of other health professionals;
(e) monitoring the condition of women and foetuses during pregnancy and throughout labour;
(f) monitoring pain and discomfort experienced before, during and after childbirth and alleviating pain using a variety of therapies, including the use of pain-killing drugs, if required;
(g) conducting health education classes and seminars to promote the health of mothers and babies covering topics such as reproductive health, antenatal education, preparation for parenthood and breastfeeding;
(h) providing advice to individuals and families on nutrition, childcare and family planning
(i) conducting research and preparing scientific papers and reports.

Included occupations
Examples of the occupations classified here:
- Matron
- Midwife, professional
- Nurse, professional
- Sister, nursing/professional

Excluded occupations
Some related occupations classified elsewhere:
- Aid, nursing/hospital - 5132
- Midwife, associate professional - 3232
- Nurse, associate professional - 3231

Notes

ISCO 88 Code(s)
2230, part
Traditional and complementary medicine professionals

Lead Statement

Traditional and complementary medicine professionals diagnose and treat human physical and mental illnesses, disorders and injuries using methods based on extensive study of specific cultural traditions and approaches towards medicine. Treatment and remedies provided may substitute or complement those based on the principles of modern medicine.

Task statement

Tasks performed usually include: assessing patients to diagnose the nature of the disorder, illness, problem or need by questioning, examining and observing; developing and implementing treatment plans using applications such as acupuncture, ayurvedic, homoeopathic and herbal medicine; evaluating and documenting patients' progress through treatment plans; providing dietary and lifestyle advice and guidelines; prescribing natural medicines, such as herbal, mineral and animal extracts, to stimulate the body's capacity for self-healing; referring patients to, and exchanging medical information with, other health professionals and associate professionals; conducting research into human disorders and illnesses and preventive or curative methods and preparing papers and reports.

Included occupations

Excluded occupations

Notes

ISCO 88 Code(s)
3421, 3229 part
ISCO 08 Code
2230
Title EN
Traditional and complementary medicine professionals

Lead Statement
Traditional and complementary medicine professionals diagnose and treat human physical and mental illnesses, disorders and injuries using methods based on extensive study of specific cultural traditions and approaches towards medicine. Treatment and remedies provided may substitute or complement those based on the principles of modern medicine.

Task statement
(a) assessing patients to diagnose the nature of the disorder, illness, problem or need by questioning, examining and observing;
(b) developing and implementing treatment plans using applications such as acupuncture, ayurvedic, homoeopathic and herbal medicine;
(c) evaluating and documenting patients' progress through treatment plans;
(d) providing dietary and lifestyle advice and guidelines;
(e) prescribing natural medicines, such as herbal, mineral and animal extracts, to stimulate the body's capacity for self-healing;
(f) referring patients to, and exchanging medical information with, other health professionals and associate professionals;
(g) conducting research into human disorders and illnesses and preventive or curative methods and preparing papers and reports.

Included occupations
Acupuncturist,
Ayurvedic practitioner,
Chinese herbal medicine practitioner,
Homeopath,
Naturopath.

Excluded occupations
Herbalist, - 3230
Witch doctor, - 3230
Village healer, - 3230
Scraping and cupping therapist, - 3230
Acupressure therapist - 3255
Shiatsu therapist – 3255
Hydrotherapist – 3255
Chiropractor - 3259
Osteopath - 3259

Notes
Occupations in traditional and complementary medicine whose practice requires an extensive understanding of the benefits and applications of traditional and complementary therapies, developed as the result of extended formal study of these techniques as well as human anatomy and elements of modern medicine, are classified in Unit group 2230, Traditional and complementary medicine professionals. Those whose practice requires a less extensive understanding based on relatively short periods of formal or informal education and training, or on knowledge passed on informally from generation to generation are included in Unit group 3230, Traditional and complementary medicine associate professionals.
ISCO 88 Code(s)
3241, 3229 part
Lead Statement

Paramedical practitioners provide advisory, diagnostic, curative and preventive medical services more limited in scope and complexity than those carried out by medical doctors. They work independently or with limited supervision of medical doctors, either in the field or in institutions, and may work mainly with diseases or disorders common in their region, or apply specific types of treatment.

Task statement

Tasks performed usually include: conducting medical examinations and questioning patients to determine the nature of disorders or illnesses and recording patients’ medical information; prescribing and administering treatments, medications and other remedial measures of a more restricted scope and complexity than medical doctors; administering or ordering diagnostic tests, such as x-ray, electrocardiogram, and laboratory tests; performing therapeutic procedures, such as injections, immunizations, suturing and wound care, and infection management; performing less complex, routine or specific surgical and other clinical procedures, or assisting medical doctors with more complex procedures; monitoring patients’ progress and response to treatment; inoculating persons against communicable diseases; advising on diet, exercise and other habits which aid prevention or treatment of disease and disorders; referring complex or unusual cases medical doctors, hospitals or other health workers if necessary and possible; reporting births, deaths and notifiable diseases to government authorities.

Included occupations

Excluded occupations

Notes

ISCO 88 Code(s)
Lead Statement

Paramedical practitioners provide advisory, diagnostic, curative and preventive medical services more limited in scope and complexity than those carried out by medical doctors. They work independently or with limited supervision of medical doctors, either in the field or in institutions, and may work mainly with diseases or disorders common in their region, or apply specific types of treatment.

Task statement

Tasks include:
(a) Conducting medical examinations and questioning patients to determine the nature of disorders or illnesses and recording patients' medical information;
(b) Prescribing and administering treatments, medications and other remedial measures of a more restricted scope and complexity than medical doctors;
(c) Administering or ordering diagnostic tests, such as x-ray, electrocardiogram, and laboratory tests;
(d) Performing therapeutic procedures, such as injections, immunizations, suturing and wound care, and infection management;
(e) Performing less complex, routine or specific surgical and other clinical procedures, or assisting medical doctors with more complex procedures;
(f) Monitoring patients' progress and response to treatment;
(g) Inoculating persons against communicable diseases;
(h) Advising on diet, exercise and other habits which aid prevention or treatment of disease and disorders;
(i) Referring complex or unusual cases medical doctors, hospitals or other health workers if necessary and possible;
(j) Reporting births, deaths and notifiable diseases to government authorities.

Included occupations
Clinical officer (paramedical)
Surgical technician,
Feldscher

Excluded occupations
Emergency paramedic – 3258
Medical assistant – 3256
General practitioner – 2211
Surgeon - 2212

Notes

ISCO 88 Code(s)
3221, part
Veterinarians diagnose, prevent and treat diseases, injuries and dysfunctions of animals. They may provide care to a wide range of animals or specialise in the treatment of a particular animal group or in a particular specialty area, or provide professional services to commercial firms producing biological and pharmaceutical products.

Tasks performed usually include: determining the presence and nature of abnormal conditions by physical examination, laboratory testing and through diagnostic imaging techniques including radiography and ultrasound; treating animals medically and surgically, and administering and prescribing drugs, analgesics, and general and local anaesthetics; performing surgery, dressing wounds and setting broken bones; rendering obstetric services to animals; participating in programs designed to prevent the occurrence and spread of animal diseases; inoculating animals against, and testing for, infectious diseases and notifying authorities of outbreaks of infectious animal diseases; performing autopsies to determine cause of death; advising clients on health, nutrition and feeding, hygiene, breeding and care of animals.

Included occupations

Excluded occupations

Notes

ISCO 88 Code(s)
2223
Veterinarians diagnose, prevent and treat diseases, injuries and dysfunctions of animals. They may provide care to a wide range of animals or specialise in the treatment of a particular animal group or in a particular specialty area, or provide professional services to commercial firms producing biological and pharmaceutical products.

Tasks include:
(a) determining the presence and nature of abnormal conditions by physical examination, laboratory testing and through diagnostic imaging techniques including radiography and ultrasound;
(b) treating animals medically and surgically, and administering and prescribing drugs, analgesics, and general and local anaesthetics;
(c) performing surgery, dressing wounds and setting broken bones;
(d) rendering obstetric services to animals;
(e) participating in programs designed to prevent the occurrence and spread of animal diseases;
(f) inoculating animals against, and testing for, infectious diseases and notifying authorities of outbreaks of infectious animal diseases;
(g) performing autopsies to determine cause of death;
(h) advising clients on health, nutrition and feeding, hygiene, breeding and care of animals.

Included occupations
Examples of the occupations classified here:
- Veterinarian
- Veterinary surgeon
- Veterinary intern

Excluded occupations

Notes

ISCO 88 Code(s)
2223 - 2212, part
ISC0 08 Code
226
Title EN
Other health professionals

Lead Statement

Task statement

Included occupations

Excluded occupations

Notes

ISC0 88 Code(s)
Lead Statement

Dentists diagnose and treat diseases, injuries and malformations of the teeth gums and related oral structures. They restore normal oral function using a broad range of treatments, such as surgery and other specialist techniques, and advise on oral health.

Task statement

Tasks include -
(a) diagnosing diseases, injuries, irregularities and malformations of teeth and associated structures in the mouth and jaw using a range of methods such as radiographs, salivary tests and medical histories;
(b) providing preventative oral health care such as periodontal treatments, fluoride applications and oral health promotion;
(c) administering anesthetics to limit the amount of pain experienced by patients during procedures;
(d) providing restorative oral care such as implants, complex crown and bridge restorations, and orthodontics, and repairing damaged and decayed teeth;
(e) providing surgical treatments such as extraction of teeth, biopsy of tissue and prescription of medication and performing orthodontic treatment;
(f) measuring and taking impressions of patients' jaws and teeth in order to determine the shape and size of dental prostheses;
(g) designing, making, and fitting prosthodontic appliances such as space maintainers, bridges, and dentures, or writing fabrication instructions or prescriptions for dental prosthetic technicians;
(h) restoring oral function with removable and fixed oral prostheses;
(i) assisting in diagnosing general diseases having oral manifestations such as diabetes;
(j) educating patients to take care of their mouth and teeth.

Included occupations

Examples of the occupations classified here:
- Dentist
- Dental Practitioner
  - Dental Surgeon
- Endodontist
  - Oral and Maxillofacial Surgeon
  - Oral Pathologist
- Orthodontist
- Paedodontist
- Periodontist
- Prosthodontist

Excluded occupations

Notes

ISCO 88 Code(s)
2222
Lead Statement

Pharmacists compound and dispense medications following prescriptions issued by physicians, dentists, or other authorized health practitioners. They ensure safe and quality use of medicines, and optimise health outcomes by contributing to selecting, prescribing, monitoring and evaluating medicine therapy, and researching, testing and developing pharmaceuticals and medical products.

Task statement

Tasks include:
(a) receiving prescriptions, checking patients’ medicine histories, and ensuring optimal dosage and methods of administration and drug compatibility before dispensing;
(b) preparing or supervising the preparation and labelling of liquid medicines, ointments, powders, tablets and other medications to fill prescriptions;
(c) Providing information and advice to prescribers and clients regarding drug interactions, incompatibility and contra-indications, side effects, dosage and proper medication storage;
(d) Collaborating with other health care professionals to plan, monitor, review, and evaluate the quality and effectiveness of the medicine therapy of individual patients, and the effectiveness of particular drugs or therapies;
(e) maintaining prescription files and recording issue of narcotics, poisons and habit-forming drugs;
(f) storing and preserving vaccines, serums and other drugs subject to deterioration;
(g) supplying non-prescription medicines, and diagnostic and therapeutic aids;
(h) supervising and coordinating the work of pharmacy technicians, pharmacy interns and pharmacy Sales Assistants;
(i) conducting research to develop and improve pharmaceuticals, cosmetics and related chemical products;
(j) conferring with Chemists, Engineering Professionals and other professionals about manufacturing techniques and ingredients;
(k) testing and analysing drugs to determine their identity, purity and strength in relation to specified standards.

Included occupations
Examples of the occupations classified here:
Hospital pharmacist
Industrial pharmacist
Retail pharmacist

Excluded occupations
Some related occupations classified elsewhere:
Pharmacologist – 2131

Notes

ISCO 88 Code(s)
2224
Environmental and occupational health and hygiene professionals

Lead Statement
Environmental and occupational health and hygiene professionals evaluate work and other environments and develop and implement programs to monitor environmental health and occupational health and safety, to ensure safe and healthy working conditions, and prevent disease or injury caused by chemical, physical, radiological and biological agents or ergonomic factors.

Task statement
Tasks include:
(a) developing, implementing and reviewing programs and policies to promote environmental health and occupational health and safety;
(b) preparing and implementing plans and strategies for the safe, economic and suitable disposal of commercial, industrial, medical and household wastes;
(c) implementing prevention programs and strategies for communicable diseases, food safety, waste water treatment and disposal systems, recreation and domestic water quality, contaminated and hazardous substances;
(d) identifying hazards, and assessing and controlling risks in the environment and workplace and advising on compliance with relevant law and regulations;
(e) developing, implementing and monitoring programs to minimise workplace and environmental pollution involving chemical, physical and biological hazards;
(f) prescribing methods to prevent, eliminate, control, or reduce the exposure of workers, patients, the public and/or the environment to radiological and other hazards;
(g) promoting ergonomic principles within the workplace such as matching furniture, equipment and work activities to the needs of employees;
(h) providing education, information, training, and advice to persons at all levels on aspects of occupational hygiene and environmental health;
(i) recording and investigating injuries and equipment damage, and reporting safety performance;
(j) coordinating arrangements for the compensation, rehabilitation and return to work of injured workers.

Included occupations
Examples of the occupations classified here:
- Environmental Health Officer
- Occupational Health and Safety Adviser
- Occupational Hygienist
- Radiation Protection Expert

Excluded occupations

Notes

ISCO 88 Code(s)
2229, part - 3152, part - 2412, part, - 3222, part
Physiotherapists

Lead Statement
Physiotherapists assess, plan, organize, and participate in rehabilitative programs that improve mobility, relieve pain, increase strength, and decrease or prevent deformity of patients suffering from disease or injury. They use manipulative methods, and ultrasound, heating, laser or similar techniques.

Task statement
Tasks include:
(a) administering muscle, nerve, joint and functional ability tests to identify and assess physical problems of patients;
(b) designing treatment programs to address patients' problems;
(c) treating patients to reduce pain, improve circulation, strengthen muscles, improve cardiothoracic, cardiovascular and respiratory functions, restore joint mobility, and improve balance and coordination;
(d) using the therapeutic properties of exercise, heat, cold, massage, manipulation, hydrotherapy, electrotherapy, ultraviolet and infra-red light and ultrasound in the treatment of patients;
(e) reviewing, continually monitoring, assessing and evaluating programs and treatments;
(f) consulting with other Health Professionals as required about patients' problems, needs and progress;
(g) instructing patients and their families in procedures to be continued at home;
(h) recording treatments given and patients' responses and progress;
(i) developing and implementing screening and preventative health promotion programs.

Included occupations
Examples of the occupations classified here:
Physiotherapist

Excluded occupations
Some related occupations classified elsewhere:
Acupressure therapist - 3255
Shiatsu therapist- 3255
Hydrotherapist- 3255
Massage therapist- 3255
Physiotherapy technician - 3255
Occupational therapist 2269
Osteopath - 3259
Chiropractor - 3259
Podiatrist - 2269

Notes

ISCO 88 Code(s)
3226, part
Dieticians and nutritionists plan and conduct food service or nutritional programs to promote and maintain health and to prevent and treat illness and disease.

**Lead Statement**

**Task statement**

Tasks include:

(a) planning diets and menus, and instructing people on the requirements and importance of diet and on the planning and preparation of food;
(b) supervising the preparation and serving of meals;
(c) collecting, organising and assessing data relating to health and nutritional status of individuals, groups and communities;
(d) monitoring food intake and quality to provide nutritional care;
(e) calculating nutritional values of food served;
(f) planning, conducting and evaluating nutrition intervention programs and compiling educational material;
(g) providing nutrition assessments, nutrition management, and nutrition education, research and training;
(h) consulting with other Health Professionals and related workers to manage the dietary and nutritional needs of patients.

**Included occupations**

Examples of the occupations classified here:
- Consultant, dietetic
- Dietician
- Nutritionist

**Excluded occupations**

**Notes**

**ISCO 88 Code(s)**

3223
Audiologists and speech therapists

Lead Statement
Audiologists and speech therapists diagnose, assess, treat and provide rehabilitation services related to human hearing, speech and language disorders. They assess and treat people with communication disorders and physical problems associated with eating and swallowing.

Task statement
Tasks include:
(a) evaluating hearing and speech/language disorders to determine diagnoses and courses of treatment;
(b) administering hearing or speech/language evaluations, tests, or examinations to patients to collect information on type and degree of impairment, using specialized instruments and electronic equipment;
(c) interpreting audiometric test results alongside other medical, social and behavioural diagnostic data;
(d) planning, directing and participating in counselling, speech reading and other rehabilitation programs;
(e) recommending hearing aids and other assistive devices according to clients’ needs and instructing them in their use;
(f) planning and conducting programs of remedial exercise to correct disorders such as stuttering and abnormal articulation;
(g) counselling and guiding hearing and/or language-handicapped individuals, their families, teachers and employers;
(h) referring clients to additional medical or educational services if needed.

Included occupations
Examples of the occupations classified here:
- Audiologist
- Speech therapist, Speech pathologist, Language therapist

Excluded occupations

Notes

ISCO 88 Code(s)
3229, part
**Lead Statement**
Optometrists and ophthalmic opticians perform eye examinations and vision tests, prescribe lenses, other optical aids and therapy, and diagnose and manage eye movement disorders and associated sensory problems.

**Task statement**
Tasks include:
(a) examining patients’ eyes and setting tests to determine the nature and extent of vision problems and abnormalities;
(b) assessing ocular health and visual function by measuring visual acuity and refractive error, and testing the function of visual pathways, visual fields, eye movements, freedom of vision and intraocular pressure, and performing other tests using special eye test equipment;
(c) detecting, diagnosing and managing eye disease, and prescribing medications for the treatment of eye disease;
(d) consulting with and referring patients to ophthalmologist or other health care practitioner if additional medical treatment is determined necessary;
(e) diagnosing eye movement disorders and defects of binocular function;
(f) prescribing lenses, contact lenses and low vision aids, and checking suitability and comfort;
(g) prescribing exercises to coordinate movement and focusing of eyes;
(h) managing programs for eye movement disorders, and instructing and counselling patients in the use of corrective techniques and eye exercises;
(i) advising on visual health matters such as contact lens care, vision care for the elderly, optics, visual ergonomics, and occupational and industrial eye safety.

**Included occupations**
Optometrist,
Ophthalmic Optician,
Orthoptist

**Excluded occupations**
Dispensing optician - 3254
Ophthalmologist - 2312

**Notes**

**ISCO 88 Code(s)**
3224, part - 3229, part
Lead Statement
This unit group covers health professionals not classified elsewhere in Sub-major group 22, Health professionals. For instance the group includes occupations such as Podiatrist, Occupational therapist and other health professionals.

Task statement
In such cases tasks would include:
(a) assessing patients or clients to determine the nature of the disorder, illness or problem by questioning, examining and observing;
(b) developing and implementing treatment plans and evaluating and documenting patients’ progress through treatment plans;
(c) assessing functional limitations of people resulting from illnesses and disabilities, and providing therapy to enable people to perform their daily activities and occupations;
(d) assessing clients’ emotional, psychological, developmental and physical capabilities using clinical observations and standardised tests;
(e) assessing clients’ functional potential in their home, leisure, work and school environments, and recommending environmental adaptations to maximise their performance;
(f) planning and directing programs through the use of vocational, recreational, remedial, social and educational activities on an individual and group basis;
(g) examining and treating foot disabilities caused by diseases such as diabetes, peripheral vascular disorders, rheumatoid arthritis and other neuropathies;
(h) prescribing and arranging the fabrication of footwear to correct foot abnormalities;
(i) performing minor surgery to remove and improve abnormal conditions;
(j) advising patients about continued treatment and care and providing or arranging rehabilitation services;
(k) referring clients to or conferring with other health professionals or associate professionals if required.

Included occupations
Examples of the occupations classified here:
Occupational therapist,
Podiatrist,

Excluded occupations

Notes

ISCO 88 Code(s)
2229, part - 3229, part - 3226 part
ISCO 08 Code
32
Title EN
Health associate professionals

Lead Statement

Task statement

Included occupations

Excluded occupations

Notes

ISCO 88 Code(s)
Lead Statement

Medical imaging and therapeutic equipment technicians operate radiographic, ultrasound and other medical imaging equipment to produce images of body structures for the diagnosis and treatment of injury and disease. They operate radiation therapy equipment to administer radiation treatment.

Task statement

Tasks performed usually include: explaining procedures, observing and assisting patients to ensure safety and comfort during scan, or treatment; using radiation safety measures and protection devices to comply with and to ensure safety of patients and staff; positioning patients on examining table; position imaging or treatment equipment and adjusting controls to set exposure time and distance, according to specification; operating or overseeing operation of radiologic, ultrasound and magnetic imaging equipment to produce images of the body for diagnostic purposes; reviewing and evaluating developed x-rays, video tape, or computer generated information to determine if images are satisfactory for diagnostic purposes and recording results of procedures; monitoring video display of area being scanned and adjusting density or contrast to improve picture quality; monitoring patients' conditions and reactions, reporting abnormal signs to medical practitioner; calculating, measuring and recording radiation dosage or radiopharmaceuticals received, used and disposed, using computer and following prescription; detecting and mapping radiopharmaceuticals in patients' bodies, using a camera to produce photographic or computer images; administering radiopharmaceuticals or radiation to patients to detect or treat diseases, using radioisotope equipment; disposing of radioactive materials and storing radiopharmaceuticals, following radiation safety procedures.

Included occupations

Excluded occupations

Notes

ISCO 88 Code(s)
Lead Statement

Medical imaging and therapeutic equipment technicians operate radiographic, ultrasound and other medical imaging equipment to produce images of body structures for the diagnosis and treatment of injury and disease. They operate radiation therapy equipment to administer radiation treatment.

Task statement

Tasks include:

(a) explaining procedures, observing and assisting patients to ensure safety and comfort during scan, or treatment;
(b) using radiation safety measures and protection devices to comply with and to ensure safety of patients and staff;
(c) positioning patients on examining table;
(d) position imaging or treatment equipment and adjusting controls to set exposure time and distance, according to specification;
(e) operating or overseeing operation of radiologic, ultrasound and magnetic imaging equipment to produce images of the body for diagnostic purposes;
(f) reviewing and evaluating developed x-rays, video tape, or computer generated information to determine if images are satisfactory for diagnostic purposes and recording results of procedures;
(g) monitoring video display of area being scanned and adjusting density or contrast to improve picture quality;
(h) monitoring patients' conditions and reactions, reporting abnormal signs to medical practitioner;
(i) calculating, measuring and recording radiation dosage or radiopharmaceuticals received, used and disposed, using computer and following prescription;
(j) detecting and mapping radiopharmaceuticals in patients' bodies, using a camera to produce photographic or computer images;
(k) administering radiopharmaceuticals or radiation to patients to detect or treat diseases, using radioisotope equipment;
(l) disposing of radioactive materials and storing radiopharmaceuticals, following radiation safety procedures.

Included occupations

Examples of the occupations classified here:
Medical Diagnostic Radiographer
Medical Radiation Therapist
Nuclear Medicine Technologist
Sonographer
Mammographer

Excluded occupations

Some related occupations classified elsewhere:
Radiologist - 2212

Notes

ISCO 88 Code(s)
3133
Medical and pathology laboratory technicians

Lead Statement
Medical and pathology laboratory technicians perform laboratory tests for the diagnosis, treatment and prevention of disease, and for forensic purposes.

Task statement
Tasks include:
(a) conducting chemical analysis of body fluids, including blood, urine, and spinal fluid, to determine presence of normal and abnormal components;
(b) operating, calibrating and maintaining equipment used in quantitative and qualitative analysis, such as spectrophotometers, calorimeters, flame photometers, and computer-controlled analyzers;
(c) entering data from analysis of medical tests and clinical results into computer for storage and and reporting results to medical practitioners and researchers;
(d) analyzing samples of biological material for chemical content or reaction;
(e) setting up, cleaning, and maintaining laboratory equipment;
(f) analyzing laboratory findings to check the accuracy of the results;
(g) establishing and monitoring programs to ensure the accuracy of laboratory results and developing, standardizing, evaluating, and modifying procedures, techniques and tests used in the analysis of specimens;
(h) obtaining specimens, cultivating, isolating and identifying microorganisms for analysis;
(i) examining cells stained with dye to locate abnormalities;
(j) inoculating fertilized eggs, broths, or other bacteriological media with organisms.

Included occupations
Examples of the occupations classified here:
- Technician, blood-bank
- Technician, pathology
- Technician, medical laboratory

Excluded occupations

Notes

ISCO 88 Code(s)
3211, part
Title EN
Pharmaceutical technicians and assistants

Lead Statement
Pharmaceutical technicians and assistants dispense and prepare medications, lotions and mixtures under the guidance of pharmacists, in pharmacies, hospitals and dispensaries.

Task statement
Tasks include:
(a) preparing medications and other pharmaceutical compounds under the guidance of pharmacists;
(b) dispensing medicines and drugs and giving written and oral instructions on their use, as prescribed by medical doctors, veterinarians or other authorised workers;
(c) receiving written prescription or refill requests and verify that information is complete and accurate;
(d) maintain proper storage and security conditions for drugs;
(e) filling and labelling containers with prescribed medications;
(f) assisting customers by answering questions, locating items or referring them to a pharmacist for medication information;
(g) pricing and filing prescriptions that have been filled and establish and maintaining patient records, including lists of medications taken by individual patients;
(h) ordering, labelling, and counting stock of medications, chemicals, and supplies, and entering inventory data into computer;
(i) cleaning and preparing equipment and containers used to prepare and dispense medicines and pharmaceutical compounds.

Included occupations
Examples of the occupations classified here:
- Assistant, pharmaceutical
- Pharmaceutical technician

Excluded occupations
Some related occupations classified elsewhere:
Pharmacy aid - 5329

Notes

ISCO 08 Code
3213

ISCO 88 Code(s)
3228
**Lead Statement**

Medical and dental prosthetic technicians design, construct, fit, maintain, or repair medical and dental supportive devices and appliances, such as braces, splints, callipers, artificial limbs, joints, arch supports, dentures, dental crowns and bridges.

**Task statement**

Tasks include:

(a) examining, interviewing, and measuring patients in order to determine their appliance needs, and to identify factors that could affect appliance fit;

(b) conferring with medical and dental practitioners in order to formulate specifications and prescriptions for devices and appliances;

(c) interpreting prescriptions or specifications to determine the type of product or device to be fabricated, and the materials and tools that will be required;

(d) making or receiving casts or impressions of patients' torsos, limbs, mouths or teeth for use as fabrication patterns;

(e) designing and making orthotic and prosthetic devices using materials such as thermoplastic and thermosetting materials, metal alloys and leather, and hand and power tools;

(f) fitting appliances and devices onto patients, testing and evaluating them, and making adjustments for proper fit, function, and comfort;

(g) repairing, modifying, and maintaining medical and dental prosthetic and supportive devices, according to specifications;

(h) bending, forming, and shaping fabric or material so that it conforms to prescribed contours needed to fabricate structural components;

(i) fabricating full and partial dentures and constructing mouth guards, crowns, metal clasps, inlays, bridgework and other aids;

(j) instructing patients in the use and care of prosthetic or orthotic devices.

**Included occupations**

Prosthetist
Orthotist
Prosthetic technician
Orthotic technician
Dental technician
Denturist

**Excluded occupations**

**Notes**

**ISCO 88 Code(s)**

7311 part
Lead Statement

Nursing and midwifery associate professionals provide nursing and personal care for the sick, injured and others in need of such care, deliver or assist in the delivery of babies, and provide antenatal and post-natal care and instruction. They usually work in support of nursing and midwifery professionals and medical doctors.

Task statement

Tasks performed usually include: providing nursing care, treatment and advice to the ill, injured, disabled, and others in need of care; assisting professional nurses and medical doctors in administering medicine and drugs; applying surgical dressings and giving other forms of treatment under instructions under the guidance of professional nurses or physicians; assisting in giving first-aid treatment in emergencies; advising expectant mothers on appropriate diet, exercises and behaviour to ease pregnancy and child birth, and noting their general health and progress; delivering babies, or assisting midwifery professionals or doctors in deliveries; attending mothers in the post-natal period to supervise their recovery, to check on babies’ progress, and to instruct parents in baby care; advising on and administering birth control methods.

Notes

ISCO 88 Code(s)
Lead Statement
Nursing associate professionals provide care for the sick and injured, and those in need of nursing care due to disability or age. They usually work in support of nursing and midwifery professionals and medical doctors.

Task statement
Tasks include:
(a) assessing, planning and providing personal and nursing care, treatment and advice to the sick, injured, disabled, and others in need of care;
(b) administering medications and other treatments and monitoring responses to treatment;
(c) cleaning wounds and applying surgical dressings under the guidance of professional nurses or medical doctors;
(d) monitoring and observing patients’ condition and maintaining a record of observations and treatment;
(e) assisting in planning and managing the care of individual patients;
(f) assisting in giving first-aid treatment in emergencies.

Included occupations
Examples of the occupations classified here:
- Nurse, associate professional - 3231

Excluded occupations
Some related occupations classified elsewhere:
- Nurse, professional - 2221
- Nursing sister/ professional - 2221
  Specialist nurse- 2221
  Clinical nurse consultant - 2221
  Nursing aid (hospital) - 5321
- Midwife, associate professional - 3222
  Midwife, professional - 2222
- Nurse, associate professional - 3231

Notes
ISCO 88 Code(s)
3231, part - 2230, part
ISO 08 Code
3222
Title EN
Midwifery associate professionals

Lead Statement
Midwifery associate professionals deliver or assist doctors or midwifery professionals in the delivery of babies. They provide antenatal and post-natal care and instruct parents in baby care.

Task statement
Tasks include:
(a) advising expectant mothers on appropriate diet, exercises and behaviour to ease pregnancy and childbirth, and noting their general health and progress;
(b) delivering babies, usually only in the case of normal delivery, or, assisting doctors or midwifery professionals in deliveries;
(c) attending mothers in the post-natal period to supervise their recovery, to check on babies’ progress, and to instruct parents in baby care;
(d) caring for newborn babies and recognising signs and symptoms requiring intervention of medical doctors or midwifery professionals;
(e) advising parents on matters of personal hygiene that may affect the health of babies, such as cleanliness of hands, skin and hair, and of environmental hygiene, such as cleanliness of household;
(f) providing advice and training on infant care to parents of newborn babies;
(g) advising on and administering birth control methods.

Included occupations
Midwife, associate professional

Excluded occupations
Nurse, professional - 2221
- Nursing sister/ professional - 2221
  Specialist nurse - 2221
  Clinical nurse consultant - 2221
  Nursing aid (hospital) - 5321
  Midwife, professional - 2222
- Nurse, associate professional - 3231

Notes

ISCO 88 Code(s)
3232, part - 2230, part
Traditional and complementary medicine associate professionals

Lead Statement
Traditional and complementary medicine associate professionals treat human physical and mental illnesses, disorders and injuries using methods based on knowledge of specific cultural traditions and approaches.

Task statement
Tasks performed usually include: examining and questioning patients to determine the nature of the illness or complaint and recommended course of treatment; treating sickness and injuries using herbs, medicinal plants, insects, animal extracts and other traditional techniques to cure and heal by stimulating nature; setting and healing fractured and dislocated bones using traditional methods of manipulation, herbal preparations and oils; advising the individuals and the community on proper diet and behaviour to preserve or improve health and well-being; drawing blood to the surface of the body or applying pressure to parts of the body using a variety of traditional techniques; referring patients to, and exchanging information with, other health and community workers.

Notes
ISCO 88 Code(s)
3241, 3229 part
Traditional and complementary medicine associate professionals

Lead Statement
Traditional and complementary medicine associate professionals treat human physical and mental illnesses, disorders and injuries using methods based on knowledge of specific cultural traditions and approaches.

Task statement
Tasks include:
(a) examining and questioning patients to determine the nature of the illness or complaint and recommended course of treatment;
(b) treating sickness and injuries using herbs, medicinal plants, insects, animal extracts and other traditional techniques to cure and heal by stimulating nature;
(c) setting and healing fractured and dislocated bones using traditional methods of manipulation, herbal preparations and oils;
(d) advising the individuals and the community on proper diet and behaviour to preserve or improve health and well-being;
(e) drawing blood to the surface of the body or applying pressure to parts of the body using a variety of traditional techniques;
(f) referring patients to, and exchanging information with, other health and community workers.

Included occupations
Bonesetter
Herbalist
Witch doctor
Village healer
Scraping and cupping therapist

Excluded occupations
Acupuncturist - 2230
Chinese herbal medicine practitioner - 2230
Homeopath - 2230
Naturopath - 2230
Ayurvedic practitioner - 2230
Acupressure therapist - 3255
Shiatsu therapist - 3255
Hydrotherapist - 3255
Chiropractor - 3259
Osteopath - 3259

Notes
Occupations in traditional and complementary medicine whose practice requires an extensive understanding of the benefits and applications of traditional and complementary therapies, developed as the result of prolonged formal study of these techniques as well as human anatomy and elements of modern medicine, are classified in Unit group 2230, Traditional and complementary medicine professionals. Those whose practice requires a less extensive understanding based on relatively short periods of formal or informal education and training, or on knowledge passed on informally from generation to generation, are included in Unit group 3230, Traditional and complementary medicine associate professionals. Faith healers who treat human ailments through faith and the power of the mind, without using medication, herbal preparations or other physical interventions, are included in Unit group 5169, Personal service workers not elsewhere classified. Occupations that provide therapy
using traditional forms of massage and the application of pressure, such as acupressure and shiatsu
therapists are classified in Unit group 3255, Physiotherapy technicians and assistants.

**ISCO 88 Code(s)**
3241, 3229 part
Lead Statement
Veterinary technicians and assistants carry out advisory, diagnostic, preventive and curative veterinary tasks, more limited in scope and complexity than those carried out by veterinarians. They care for animals under treatment and in temporary residence at veterinary facilities and assist veterinarians to perform procedures and operations.

Task statement
Tasks performed usually include: advising communities and individuals on the treatment of animals and their diseases and injuries; conducting examinations of animals to make diagnoses or refer more difficult cases to veterinarians when needed; treating ill or injured animals, especially for common diseases and disorders; cleaning and sterilising examination tables and instruments and preparing materials used in the examination and treatment of animals; carrying out technical tasks connected with artificial insemination of animals; getting animals ready for examination or treatment and restraining or holding them during treatment; assisting veterinarians to administer anaesthetics and oxygen during treatment; placing animals in cages for recovery form operations and monitoring their condition.

Included occupations
Examples of the occupations classified here:
- Veterinary assistant
- Artificial inseminator
- Veterinary vaccinator
- Veterinary nurse

Excluded occupations
Some related occupations classified elsewhere:
Animal attendant - 5164
Veterinarian - 2250

Notes
ISCO 88 Code(s)
Veterinary technicians and assistants

Lead Statement
Veterinary technicians and assistants carry out advisory, diagnostic, preventive and curative veterinary tasks, more limited in scope and complexity than those carried out by veterinarians. They care for animals under treatment and in temporary residence at veterinary facilities and assist veterinarians to perform procedures and operations.

Task statement
Tasks include:
(a) advising communities and individuals on the treatment of animals and their diseases and injuries;
(b) conducting examinations of animals to make diagnoses or refer more difficult cases to veterinarians when needed;
(c) treating ill or injured animals, especially for common diseases and disorders;
(d) cleaning and sterilising examination tables and instruments and preparing materials used in the examination and treatment of animals;
(e) carrying out technical tasks connected with artificial insemination of animals;
(f) getting animals ready for examination or treatment and restraining or holding them during treatment;
(g) assisting veterinarians to administer anaesthetics and oxygen during treatment;
(h) placing animals in cages for recovery form operations and monitoring their condition.

Included occupations
Examples of the occupations classified here:
- Veterinary assistant
- Artificial inseminator
- Veterinary vaccinator
- Veterinary nurse

Excluded occupations
Some related occupations classified elsewhere:
– Animal attendant - 5164
– Veterinarian - 2250

Notes

ISCO 88 Code(s)
3227
Lead Statement

Task statement

Included occupations

Excluded occupations

Notes

ISCO 08 Code(s)
Dental assistants and therapists

Lead Statement
Dental assistants and therapists provide supportive dental services and perform advisory, diagnostic, preventive and curative dental tasks, more limited in scope than those performed by dentists. They assist dentists by preparing and taking care of instruments and other equipment, preparing materials and preparing patients for examination and treatment.

Task statement
Tasks include:
(a) advising communities and individuals on dental hygiene, diet and other preventive dental measures;
(b) conducting dental examinations to make diagnoses and referring more difficult cases to Dentists when needed
(c) assisting dentists during dental procedures
(d) cleaning and removing deposits from teeth, preparing cavities and placing fillings;
(e) performing certain types of prosthetic work and some surgical procedures;
(f) preparing and taking care of dental instruments, equipment and materials;
(g) preparing patients for examination or treatment;
(h) providing fluoride therapy by applying remineralising solutions and desensitising agents
(i) removing deposits from teeth
(j) taking impressions of the mouth
(k) taking dental radiographs
(l) administering local anaesthesia by infiltration and mandibular nerve block

Included occupations
Examples of the occupations classified here:
- Dental assistant,
- Dental hygienist,
- Dental therapist

Excluded occupations
Some related occupations classified elsewhere:
- Dental aid - 5329
- Dental mechanic - 3214
- Dental prosthetist - 3214
- Dental technician - 3214
- Dentist - 2261

Notes

ISCO 88 Code(s)
3225
Lead Statement
Medical records and health information technicians compile, process, and maintain medical records of patients in hospitals, clinics, and other health care institutions to meet the medical, legal, ethical, and administrative requirements of health care delivery.

Task statement
Tasks include:
(a) Planning, developing, maintaining, and operating a variety of health record indexes and storage and retrieval systems to collect, classify, store, and analyze information;
(b) Processing patient admission and discharge documents;
(c) Reviewing records for completeness, accuracy, and compliance with regulations;
(d) Compiling and maintaining patients' medical records to document condition and treatment and to provide data for research, billing, cost control, and care improvement;
(e) Transcribing medical reports and entering data, such as demographic characteristics, history and extent of disease, diagnostic procedures, and treatment into computer;
(f) Translating narrative descriptions and numeric information about patients' characteristics, conditions, and procedures performed into codes associated with standard classification systems;
(g) Protecting the security of medical records to ensure that confidentiality is maintained and releasing information to authorized persons and agencies;
(h) Supervising clerical and administrative workers involved in the maintenance of medical records.

Included occupations
- Medical Records Clerk
- Medical Records Technician
- Health Information Clerk
- Medical Records Analyst
- Clinical Coder
- Health Information Systems Technician

Excluded occupations

Notes

ISCO 88 Code(s)
4143, part
Lead Statement

Community health workers provide health education and referrals for a wide range of services, and provide support and assistance to communities, families and individuals with preventive health measures and gaining access to appropriate curative health and social services. They create a bridge between providers of health, social and community services and communities that may have difficulty in accessing these services.

Task statement
Tasks include:
(a) providing education to communities and families on a range of health issues including family planning, control and treatment of infectious diseases, poisoning prevention, HIV risk factors and measures to prevent transmission, risk factors associated with substance abuse, domestic violence, breastfeeding and other topics;
(b) assisting families to develop the necessary skills and resources to improve their health status, family functioning and self-sufficiency;
(c) conducting outreach efforts to pregnant women, including those who are not involved in prenatal, health or other community services, and other high risk populations living to help them with access to prenatal and other health care services;
(d) ensuring parents understand the need for children to receive immunizations and regular health care;
(e) working with parents in their homes to improve parent-child interaction and to promote their understanding of normal child development;
(f) providing advice and education on sanitation and hygiene to limit the spread of infectious diseases;
(g) storing and distributing medical supplies for the prevention and cure of endemic diseases such as malaria and tuberculosis and instructing members of the community in the use of these products;
(h) assisting families in gaining access to medical and other health services.

Included occupations
Examples of the occupations classified here:
- Community health worker

Excluded occupations

Notes

ISCO 88 Code(s)
3221, part
Lead Statement
Dispensing opticians design, measure, fit, and adapt lenses and frames for clients according to written optical prescription or specification.

Task statement
Tasks include:
(a) Measuring customers for size of eyeglasses and coordinating frames with facial and eye measurements and optical prescription;
(b) Assisting clients with selecting frames;
(c) Interpreting optical prescriptions and preparing work order for optical laboratory containing instructions for grinding and mounting lenses in frames;
(d) Verifying exactness of finished lens spectacles;
(e) Fitting and servicing optical appliances such as spectacle frames and lenses and adjusting frames and lens position to fit clients.

Included occupations
Examples of the occupations classified here:
- Optician, dispensing

Excluded occupations
Some related occupations classified elsewhere:
- Ophthalmologist – 2221
  - Optometrist – 2267
  - Ophthalmic Optician – 2267
  - Orthoptist – 2267

Notes

ISCO 88 Code(s)
3224, part
Physiotherapy technicians and assistants

Lead Statement
Physiotherapists technicians and assistants provide massage and other physical therapy treatments for health, fitness and rehabilitation purposes. Treatment is usually provided within the scope of treatment plans established by a physiotherapist or other health professional.

Task statement
Tasks include:
(a) massaging the soft tissues of the body, such as muscles, tendons and ligaments, to assist healing;
(b) instructing, motivating, safeguarding and assisting patients as they practice exercises and functional activities;
(c) conferring physiotherapists or others to discuss and evaluate patient information for planning, modifying, and coordinating treatment;
(d) administering active and passive manual therapeutic exercises and heat, light, sound, water, and electrical modality treatments, such as ultrasound;
(e) observing patients during treatments and measuring patients' range-of-joint motion, body parts, and vital signs to determine effects of treatments to compile and evaluate data on patients' responses and progress;
(f) fitting patients for orthopedic braces, protheses, and supportive devices, such as crutches and training patients in the use of such devices;
(g) employing techniques, such as acupressure or Shiatsu, and complementary aids, such as infra-red lamps, wet compresses, ice, essential oils and herbal and mineral therapies, to assist recovery;
(h) assessing client's physical condition and case history and advising on stretching exercises and relaxation techniques.

Included occupations
Examples of the occupations classified here:
Massage therapist
Electrotherapist
Acupressure therapist
Shiatsu therapist
Hydrotherapist

Excluded occupations
Some related occupations classified elsewhere:
Occupational therapist - 3229
- Chiropractor - 3259
- Physiotherapist - 2264
- Podiatrist - 2269

Notes

ISCO 88 Code(s)
3226, part
Lead Statement

Medical assistants prepare patients for examination, take their vital signs and record their medical histories, administer medications and perform other clinical tasks under the direction of a medical doctor or other health professional. They may also perform administrative duties such as scheduling appointments, maintaining medical records, billing, and medical coding for insurance and reporting purposes.

Task statement

Tasks include:
(a) Interviewing and observing patients to obtain medical information and measure their vital signs, weight, and height;
(b) Showing patients to examination rooms and preparing them for examination;
(c) Preparing and administering medications as directed by a physician;
(d) Collecting blood, tissue or other laboratory specimens, logging the specimens, and prepare them for testing;
(e) Explaining treatment procedures, medications, diets and physicians' instructions to patients;
(f) Helping medical doctors and other health professionals to examine and treat patients, handing them instruments and materials or performing such tasks as giving injections and removing sutures;
(g) Authorizing drug refills and providing prescription information to pharmacies;
(h) Preparing treatment rooms for patient examinations, keeping the rooms neat and clean;
(i) Cleaning and sterilizing instruments and disposing of contaminated supplies;
(j) Recording patients’ medical history, vital statistics and information such as test results, medical condition and procedure codes in medical records;
(k) Arranging and scheduling appointments and preparing documentation required for billing, reporting and insurance purposes.

Included occupations
Medical assistant
Clinical assistant
Ophthalmic assistant

Excluded occupations
Clinical officer - 2240
Dental assistant - 3251
Physiotherapy assistant - 3255
Medical imaging assistant - 5321? 5329?

Notes

ISCO 88 Code(s)
3221 part
Environmental and occupational health inspectors and associates

Lead Statement

Environmental and occupational health inspectors and associates, examine the implementation of rules and regulations relating to occupational safety, sanitary conditions, protection of health and the environment, safety of production processes, and goods and services produced, used or sold. They may provide technical assistance and advice on measures to restore or improve safety and sanitary conditions, and supervise their implementation.

Task statement

Tasks include:

(a) advising employers’ and workers’ representatives on the implementation of government and other rules and regulations concerning occupational safety and the working environment;

(b) inspecting places of work to ensure that the working environment, machinery and equipment conform to government and other rules, regulations and standards related to sanitation and/or occupational and environmental health and safety;

(c) giving advice on environmental sanitary problems and techniques;

(d) inspecting places of work and, by interviews, observations and other means, obtaining facts about work practices and accidents to determine compliance with safety rules and regulations;

(e) inspecting areas of production, processing, transport, handling, storage and sale of products to ensure conformity with government and other rules, regulations and standards;

(f) advising enterprises and the general public on the implementation of government and other rules and regulations concerning hygiene, sanitation, purity and grading of primary products, food, drugs, cosmetics and similar goods;

(g) inspecting establishments to ensure that they conform to government and other rules and regulations concerning emission of pollutants and disposal of dangerous wastes;

(h) initiating action to maintain or improve hygiene and prevent pollution of water, air, food or soil;

(i) promoting preventive and corrective measures such as control of disease carrying organisms and of harmful substances in the air, hygienic food handling, proper disposal of waste and cleaning of public places;

(j) estimating quantities and costs of materials and labour required for health, safety and sanitation remediation projects;

Included occupations

- Occupational Health and Safety Inspector
- Sanitary inspector
- Health inspector
- Sanitarian

Excluded occupations

- Environmental Health Officer - 2263
- Occupational Health and Safety Adviser - 2263
- Occupational Hygienist - 2263
- Radiation Protection Expert - 2263

Notes

ISCO 88 Code(s)
3152 part, 3222
**Lead Statement**
Ambulance workers provide emergency health care and transport for injured, sick, infirm and aged persons to medical facilities.

**Task statement**
Tasks include:
(a) attending accidents, emergencies and requests for medical assistance;
(b) assessing health of patients, determining need for assistance, and assessing specialised needs and factors affecting patients' conditions;
(c) performing therapies and administering drugs according to protocol;
(d) resuscitating and defibrillating patients and operating life-support equipment;
(e) transporting accident victims to medical facilities;
(f) transporting sick and disabled persons to and from medical facilities for specialised treatment and rehabilitation;
(g) instructing community groups and essential service workers in first aid;
(h) attending public gatherings and sporting events where accidents and other health emergencies may occur;
(i) preparing written reports on the state of patients' injuries and treatment provided.

**Included occupations**
Examples of the occupations classified here:
- Ambulance officer
- Emergency paramedic
- Ambulance paramedic
- Intensive care paramedic

**Excluded occupations**
Some related occupations classified elsewhere:

**Notes**

**ISCO 88 Code(s)**
5132 part
Health associate professionals not elsewhere classified

Included occupations
Examples of the occupations classified here: Chiropractor, Osteopath

Excluded occupations

Notes

ISCO 88 Code(s)
3229 part, 3226 part
Title EN
Personal care workers in health services

Lead Statement

Task statement

Included occupations

Excluded occupations

Notes

ISCO 88 Code(s)
Health care assistants

Lead Statement
Health care assistants provide assistance, support and direct personal care to patients and residents in a variety of institutional settings such as hospitals, clinics, nursing homes and aged care facilities. They generally work in support of health professionals or associate professionals.

Task statement
Tasks include:
(a) assisting patients with personal care needs such as showering, toilet and dressing;
(b) assisting patients with mobility and communication needs;
(c) lifting and turning patients and transporting them in wheelchairs or on movable beds;
(d) changing bed-linen and ensuring facilities are kept clean and tidy;
(e) observing and reporting changes in patients’ condition or behaviour;
(f) serving and collection food trays and assisting patients needing help with eating and drinking;
(g) participating in planning the care of individuals;
(h) following therapy plans and assisting with rehabilitation exercises, basic treatment and delivery of medications;
(i) sterilising surgical and other instruments and equipment.

Included occupations
Examples of the occupations classified here:
- Hospital orderly
- Nursing aid (clinic or hospital)
- Medical imaging assistant
- Midwifery attendant
- Psychiatric aid

Excluded occupations
Some related occupations classified elsewhere:
- Nursing aid (home) - 5133
- Nurse (associate professional) - 3231
- Nurse (professional) - 2230
- Ambulance worker - 3258

Notes
Workers who provide personal care to residents of institutions and facilities that have permanent medical or nursing supervision (such as in hospitals and nursing homes) and therefore work under the direct supervision of nurses or doctors, should be classified in Unit group 5321, Health care assistants. Workers who provide personal care to residents of independent living units (such as those found in retirement villages), generally without permanent medical or nursing supervision, should be classified in Unit Group 5322, Home-based personal care workers. In general, workers classified in Minor group 532, Personal care workers in health services, do not perform tasks requiring extensive medical knowledge or training, such as administering medications and cleaning and dressing wounds: where tasks of this type are performed they are of a simple and routine nature.

ISCO 88 Code(s)
5132, part
Home-based personal care workers

Lead Statement
Home-based personal care workers provide routine personal care, such as bathing, dressing, or grooming, to elderly, convalescent, or disabled persons in their own homes or in an independent residential care facility.

Task statement
Tasks include:
(a) Maintaining records of client care, condition, progress, or problems, reporting and discussing observations with supervisor, or referring concerns to appropriate nursing, medical or social service workers;
(b) Helping clients to move in and out of beds, wheelchairs or vehicles, and with bathing, toilet, dressing and grooming;
(c) Providing patients and families with emotional support and instruction in areas such as caring for infants, preparing healthy meals, living independently, or adapting to disability or illness;
(d) Changing bed linen, washing and ironing patients' laundry, and cleaning patients' quarters;
(e) Entertaining, conversing with, or reading aloud to patients to keep them mentally healthy and alert;
(f) Planning, purchasing, preparing, or serving meals to patients or other family members, according to prescribed diets;
(g) Ensuring that persons take prescribed medication at the right times and assisting them with their medication if required.

Included occupations
Examples of the occupations classified here:
- Aid, nursing/home

Excluded occupations
Some related occupations classified elsewhere:
- Aid, nursing clinic - 5132
- Nurse, associate professional - 3231
- Nurse, professional - 2230
- Social worker, associate professional - 3460
- Social worker, professional - 2446

Notes
Workers who provide personal care to residents of institutions and facilities that have permanent medical or nursing supervision (such as in hospitals and nursing homes) and therefore work under the direct supervision of nurses or doctors, should be classified in Unit group 5321, Health care assistants. Workers who provide personal care to residents of independent living units (such as those found in retirement villages), generally without permanent medical or nursing supervision, should be classified in Unit Group 5322, Home-based personal care workers. In general, workers classified in Minor group 532, Personal care workers in health services, do not perform tasks requiring extensive medical knowledge or training, such as administering medications and cleaning and dressing wounds: where tasks of this type are performed they are of a simple and routine nature.

ISCO 88 Code(s)
5133
Lead Statement
This unit group covers personal care workers in health services not classified elsewhere in Minor group 532 Personal care workers in health services

Task statement
In such cases tasks would include:
(a) cleaning and sterilising surgical instruments bottles, beakers and other equipment;
(b) labelling drugs, chemicals and other pharmaceutical preparations and replenishing stock on shelves;
(c) TO BE COMPLETED ONCE CODING INDEX IS FINALISED

Included occupations
Examples of the occupations classified here:
– Pharmacy aid
– Sterilisation aid

Excluded occupations

Notes

ISCO 88 Code(s)
5139, part