

Bureau of Labor Statistics

Occupational Injury and Illness Classifications

Reference: Occupational Injury and Illness Classification Manual Version 2.0, U.S. Department of Labor, Bureau of Labor Statistics, September 2010 (http://www.bls.gov/iif/oiics_manual_2010.pdf)

Major Characteristics for Occupational Injuries and Illnesses

Nature of Injury or Illness identifies the principal physical characteristic(s) of the work related injury or illness.

Part of Body Affected identifies the part of the body directly affected by the previously identified nature of injury or illness.

Source and Secondary Source of Injury or Illness identifies the objects, substances, equipment, and other factors that were responsible for the injury or illness incurred by the worker or that precipitated the event or exposure.

Event or Exposure describes the manner in which the injury or illness was produced or inflicted by the source of injury or illness.

Nature of Injury or Illness

| Major Divisions | Selected Subdivisons | Includes |
|--|---|---|
| Traumatic Injuries and Disorders | Traumatic injuries to bones, nerves and spinal cord | Fractures, pinched nerve |
| | Traumatic injuries to muscles, tendons, ligaments, and joints | Dislocations, torn cartilage, shoulder separations, herniated disc, tears, sprains (pulls, hyperextensions, and minor tears to ligaments; twists involving joints; twisted back, knee, or ankle; grade I and II sprains), strains (pulls and minor tears to muscles and tendons, rotator cuff strains), tears, whiplash |
| | Open wounds | amputations, cuts/lacerations, puncture wounds, gunshot wounds, needlesticks in which there was no further diagnosis |
| | Surface wounds and bruises | abrasions/scratches, blisters, bruises/contusions |
| | Burns and corrosions | Heat burns, thermal and scalding burns, chemical burns, electrical burns, friction burns, sunburns, welder's flash, internal burns from inhaling hot spoke and gases |
| | Intracranial | Crushing head injury, subdural hematomas, skull fractures, concussion |
| | Effects of environmental conditions | Frostbite, hypothermia, heat stroke, heat exhaustion |
| | Other | Asphyxiations, strangulations, suffocations, drownings, electrocutions, electric shocks, acute dermatitis, acute irritant dermatitis, asphyxia from toxic chemicals, radiation sickness, poisoning |
| Diseases and disorders of body systems | Anemia and other disease of the blood and blood forming organs | |
| | Nervous systems and sense organs diseases | Carpal tunnel syndrome, tarsal tunnel syndrome, conjunctivitis – non-viral, hearing loss, migraine |
| | Circulatory system diseases | Heart attack, stroke, angina |
| | Respiratory system diseases | Pneumonia, influenza, emphysema, asthma, asbestos, silicosis |
| | Digestive system disease and disorders | |
| | Genitourinary system diseases and disorders | |
| | Musculoskeletal system and connective tissue diseases and disorders | Bursitis, sciatica, lumbago |

Nature of Injury or Illness

| Major Divisions | Selected Subdivisons | Includes |
|---|---|--|
| | Disorders of the skin and subcutaneous tissue | Cellulitis, abscess, impetigo, acne, corns, calluses |
| | Other systemic diseases and disorders | Diseases of endocrine systems and thyroid gland |
| Infectious and Parasitic Diseases | | Anthrax, tetanus, HIV, hepatitis, malaria, cholera |
| Neoplasms, Tumors, and Cancers | | Leukemia, Hodgkin's disease |
| Symptoms, Signs, and Ill-defined Conditions (can't be classified elsewhere) | | Sick building syndrome, fainting, hallucinations,, sleep disturbances, excessive sweating, chills, numbness, fatigue, spasms, lack of coordination, eye strain, earache, edema, nose bleed, shortness of breath, difficulty swallowing , irritated throat, hyperventilation, chest pain, hyperventilation, heartburn, hypertension |
| Other Diseases, Conditions, and Disorders | Damage to prosthetic and orthopedic devices | Damage to corrective lenses, dentures and other dental implants, glass eyes, hearing aids, artificial limbs when there is no mention of injury to the worker's actual body |
| | Mental disorders and syndromes | Anxiety, stress, depression, post-traumatic stress disorder |
| Exposures to Disease—No Illness Incurred | | Exposure to TB, no illness occurred |
| Multiple Diseases, Conditions, and Disorders | | |

Part of Body Affected

| Major Divisions | Selected Subdivisions | Includes |
|------------------------|--|---|
| Head | Cranial region | Skull |
| | Ears | |
| | Face | Cheeks, forehead, eyes, jaw/chin, mouth, teeth and nose/nasal cavity |
| Neck, Including Throat | Laryngopharynx (major group connecting throat & esophagus) | |
| | Larynx | |
| | Pharynx (voice organs & voice box) | |
| | Trachea | |
| | Vocal cords | |
| Trunk | Abdomen | Urinary organs (e.g., bladder & kidneys), intestines, digestive structures (e.g., liver, gallbladder, & pancreas) |
| | Back | Spine and spinal cord |
| | Chest | Ribs and internal organs such as esophagus, heart and lungs |
| | Pelvic region | Hips, pelvis, buttocks, groin, & reproductive structures |
| Upper Extremities | Arm(s) | Forearm(s), elbow(s), & upper arm(s) |
| | Hand(s) | Finger(s) |
| | Shoulder(s) | Clavicle(s) & scapula(e) |
| | Wrist(s) | |
| Lower Extremities | Ankle(s) | |
| | Foot (feet) | Sole(s) & toes(s) |
| | Leg(s) | Thigh(s), knee(s), & lower leg(s) |

Source and Secondary Source of Injury or Illness

| Major Divisions | Selected Subdivisions | Includes |
|---------------------------------|---|---|
| Chemicals and Chemical Products | | General classes of chemicals (e.g., acids), products (e.g., glues) and specific names of chemicals (e.g.)hydrogen cyanide) |
| Containers, Furniture, Fixtures | Containers | Bags, barrels, drums, bottles, boxes, pots, pans, trays, tanks, boilers, hoses, dishes, cups, luggage, briefcases, tool belts, skids |
| | Furniture and fixtures | Cases, bookcases, cabinets, counters, racks, lockers, shelves, cages, floor coverings, wall coverings, window coverings, beds, mattresses, chairs, desks, sofas, tables, lighting fixtures, light bulbs, sings, bathtubs, toilets, blackboards, mirrors |
| Machinery | Agricultural and garden machinery | |
| | Construction, logging, and mining machinery | |
| | Heating, cooling, and cleaning machinery and appliances | |
| | Material and personnel handling machinery | |
| | Metal, woodworking, and special material machinery | |
| | Office and business machinery | |
| | Special process machinery | Food and beverage processing machinery, food slicers, meat grinders, medical x-ray machinery, packaging, machinery, printing machinery |
| | Miscellaneous machinery | Audio and video equipment, mobile phones, televisions |
| Parts and Materials | Building materials – solid elements | Bricks, blocks pipes, angle irons, grates, sheet metal, tiles, roof shingles, lumber, gutters |
| | Fasteners, connectors, ropes, ties | |
| | Hoisting accessories | |
| | Machine, tool, and electric parts | |
| | Metal materials – nonstructural | |
| | Tars, sealants, caulking, insulating material | |
| | Tarps and sheeting – nonmetal | |
| | Vehicle and mobile equipment parts | |

Source and Secondary Source of Injury or Illness

| Major Divisions | Selected Subdivisions | Includes |
|--|---|--|
| Persons, Plants, Animals, and Minerals | Animals | |
| | Animal and plant byproducts | |
| | Infectious and parasitic agents | |
| | Metallic minerals | |
| | Nonmetallic minerals, except fuel | |
| | Person – injured or ill worker | Bodily conditions of injured or ill worker, bodily motion or position of injured or ill worker (reaching, turning, twisting, bending, walking, climbing, running, efforts to recover from a loss of equilibrium) |
| | Person-other than injured or ill worker | Patient, robbers, bodily fluids or substance of other than injured or ill person |
| | Plants, trees, vegetation – not processed | |
| Structures and Surfaces | Confined spaces | |
| | Buildings-office, plant, residential | |
| | Structures other than buildings | Bridges, dams, locks, grandstands, pools, scaffolds, catwalks, towers, pools, guardrails, roads signs, mailboxes, hydrants |
| | Building systems | |
| | Other structural elements | Entrances, exits, doors, fences, gates, windows, roofs, skylights, ceilings, handrails |
| | Floors, walkways, ground surfaces | |
| | Geographical structures | Hills, mountains, valleys, lakes |
| Tools, Instruments, and Equipment | | |
| Vehicles | | |
| Other sources | | Apparel and textiles; environmental and elemental conditions; paper, books, magazines, scrap, waste, debris; steam vapors, liquids, and ice |

Event or Exposure

| Major Divisions | Selected Subdivisions | Includes |
|---|---|--|
| Violence and other injuries by persons or animals | Intentional injury by person | Shooting, stabbing, cutting, slashing, piercing, hitting, kicking, beating shoving, bombing, arson, rape, sexual assault, treat, verbal assault, self-inflicted injury |
| | Injury by person – unintentional or intent unknown | Unintentional shooting, injured by physical contact during horseplay, injured by physical contact with other person in sporting event or physical training, drug overdose-intent unknown |
| | Animal and insect related incidents | Bites and stings, struck by animal, kicked by animal, bitten by animal |
| Transportation incidents | Aircraft incidents | Aircraft crash, parachuting incident |
| | Rail vehicle incidents | Collision between rail vehicle and another vehicle, collision between two rail cars, derailment, fall or jump from rail vehicle, pedestrian struck by rail vehicle |
| | Animal and other non-motorized vehicle transportation incidents | Animal transportation collision, thrown or fell from animal being ridden, pedal cycle incident |
| | Pedestrian vehicular incidents | Pedestrian struck by vehicle in work zone, roadway or nonroadway area |
| | Water vehicle incidents | Water vehicle collision, capsized or sinking water vehicle, fall or jump from water vehicle, |
| | Roadway incidents involving motorized land vehicle | Roadway collision, vehicle struck object or animal in roadway, jack-knifed or overturned on roadway, ran off roadway, sudden start or stop on roadway |
| | Nonroadway incidents involving motorized land vehicles | Nonroadway collision, vehicle struck object or animal in nonroadway, jack-knifed or overturned on nonroadway, ran off nonroadway driving surface, sudden start or stop on nonroadway |
| Fire and explosions | | Structural fires, vehicle fires, machinery fires, forest or brush fires, dust explosions |
| Falls, Slips, Trips | Slip or trip without fall | Slip on substance without fall, trip on uneven surface without fall, trip over self without fall |
| | Falls on same level | Fall on same level while climbing stairs or steps, fall on same level due to uneven surface, fall on same level due to object, fall to same level due to tripping over self |
| | Falls to lower level | Fall from collapsing structure or equipment, fall through surface, other fall to lower level |

Event or Exposure

| Major Divisions | Selected Subdivisions | Includes |
|--|---|---|
| | Jumps to lower level | Jump from collapsing structure or equipment, other jump to lower level |
| | Fall or jump curtailed by personal fall arrest system | |
| Exposure to harmful substances or environments | Exposure to electricity | |
| | Exposure to radiation and noise | |
| | Exposure to temperature extremes | |
| | Exposure to air and water pressure change | |
| | Exposure to other harmful substances | |
| | Exposure to oxygen deficiency | |
| Contact with objects and equipment | Exposure to traumatic or stressful event | |
| | Needlestick without exposure to harmful substance | |
| | Struck by object or equipment (injuries produced by forcible contact or impact between the injured person and the source of injury when <i>the motion producing the contact is primarily that of the source of injury</i> rather than the person) | Struck by nontransport powered vehicle, struck by rolling object or equipment, struck by falling object or equipment, struck by discharged or flying object, injured by handheld object or equipment, injured by object breaking in hand, injured by slipping or swinging object held by injured worker or other worker |
| | Struck against object or equipment (injuries produced by forcible contact or impact between the injured person and the source of injury when the <i>motion producing the contact is primarily that of the injured person</i>) | Bumping into objects, stepping on objects, kicking objects, being pushed or thrown into or against objects, struck against stationary object or equipment while rising |
| | Caught in or compressed by equipment or objects | Caught in running equipment or machinery, compressed or pinched by shifting objects, entangled in other object or equipment |
| | Struck, caught, or crushed in collapsing structure, equipment, or material | Excavation or trenching cave-in, mine collapse or cave-in, landslide, engulfment |

Event or Exposure

| Major Divisions | Selected Subdivisions | Includes |
|----------------------------------|---|---|
| | Rubbed or abraded by friction or pressure | Rubbed or abraded by kneeling on surface, rubbed or abraded by objects being handled, rubbed or abraded by foreign matter in eye, rubbed or abraded by shoes or apparel |
| | Rubbed, abraded, or jarred by vibration | Rubbed, abraded, or jarred by vehicle vibration or equipment |
| Overexertion and bodily reaction | Overexertion involving outside sources | Overexertion in lifting, pushing, pulling, turning, throwing, and catching. |
| | Repetitive motions involving microtasks | Typing, key entry, texting, mousing, repetitive use of tools and equipment, repetitive grasping, placing, or moving objects |
| | Other exertions or bodily reactions | Bending, crawling, reaching, twisting, climbing, stepping, kneeling, sitting, standing, walking, running, boarding, alighting |