

# **Occupational Injury and Illness Classification Manual**

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**Version 2.01**

U.S. Department of Labor  
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# **OCCUPATIONAL INJURY AND ILLNESS CLASSIFICATION MANUAL**

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# **SECTION 1**

## **Introduction to the Occupational Injury and Illness Classification Manual**

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# 1 Introduction to the Occupational Injury and Illness Classification Manual

The Occupational Injury and Illness Classification Manual provides a classification system for use in coding the case characteristics of injuries, illnesses, and fatalities in the Survey of Occupational Injuries and Illnesses (SOII) and the Census of Fatal Occupational Injuries (CFOI) programs. This manual contains the rules of selection, code descriptions, code titles, and indices for the following code structures:

- Nature of Injury or Illness
- Part of Body Affected
- Source of Injury or Illness/Secondary Source of Injury or Illness
- Event or Exposure

The Bureau of Labor Statistics' Classification Structure Team developed the original Occupational Injury and Illness Classification System (OIICS) with input from data users and States participating in the BLS Occupational Safety and Health Statistics (OSHS) Federal/State cooperative programs. The original system was released in December 1992. It was approved for use as the American National Standard for Information Management for Occupational Safety and Health in 1995 (ANSI Z16.2—1995).

In September 2007, OSHS staff updated the 1992 OIICS Manual to incorporate various interpretations and corrections. Version 2.0, dated September 2010, is the first major revision since the 1992 manual.

In developing this manual, BLS sought input from many interested parties. In February 2008, a Federal Register Notice on the proposed change to the manual was issued. In addition, the OIICS Revision Team sent out numerous letters and e-mails to users. Based on the initial comments received and other information, the team developed a draft 2010 manual that was disseminated to interested parties in April 2010. The team considered comments received, made revisions, and completed the final manual in September 2010.

Here are some highlights of the differences between version 2.0 and previous versions of the manual.

- Numerous categories have been added, deleted, or modified.
- All codes begin with 1 through 9; that is, no codes begin with 0. This change was undertaken to facilitate the use of OIICS codes in computer systems, and resulted in very few categories having the same code as in the previous manual.
- In the Event category, codes are arranged in order of precedence. This facilitates coding when more than one Event category applies.
- The rules of selection for Source and Secondary Source are now specific to the Event.

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This manual consists of four sections. Section 1 is the table of contents and this introduction. Section 2 contains the definitions, rules of selection, and descriptions for Nature, Part, Source, and Event. Section 3 contains title lists for each of the four OIICS components. Section 4 contains indices for each component.

The OIICS Revision Team developed this manual. The members of the team include the following BLS employees:

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Version 2.01 dated January 2012, and annotated with 01/12 at the bottom of the page, is a minor update to version 2.0. It corrects some errors and incorporates some clarifications to the version issued in September 2010. Scott Curtin and Andrew Kato assisted with this version.

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## **SECTION 2**

# **Definitions, Rules of Selection, and Titles and Descriptions**

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## **SECTION 2.1**

### **Nature of Injury or Illness**

#### **SECTION CONTENTS**

- 2.1.1 Definition, Rules of Selection
- 2.1.2 Titles and Descriptions

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## 2.1.1 Nature of Injury or Illness—Definition, Rules of Selection

### 1.0 DEFINITION

The nature of injury or illness identifies the principal physical characteristic(s) of the work related injury or illness.

#### RULES OF SELECTION:

- 1.1 Name the injury or illness indicated on the source document. *Example: For strained back, choose **Strains**.*
- 1.2 When two or more injuries or illnesses are indicated, and one is a sequela, aftereffect, complication due to medical treatment, or re-injury, choose the initial injury or illness. *Example: If a laceration became infected developing into septicemia, choose **Cuts, lacerations**.*
- 1.3 When two or more injuries or illnesses are indicated and one is more severe than the other(s) and is not a sequela or complication of the other injury or illness, select the more severe injury or illness. *Example: For sprained finger and fractured wrist, choose **Fractures**.*
  - 1.3.1 When a single event or exposure produces an injury and transmits a disease simultaneously, and one is more severe than the other(s), select the more severe injury or disease. *Example: If a needlestick produces a puncture wound and transmits serum hepatitis, choose **Type B viral hepatitis (serum hepatitis)**.*
- 1.4 When two or more injuries or illnesses are indicated but neither of which can be determined as being more severe than the others, select the appropriate multiple injuries or illnesses classification code. *Example: For fractured and severely burned left leg, choose **Fractures and burns**.*

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## 2.1.2 Nature of Injury or Illness—Titles and Descriptions

The Nature of Injury or Illness code structure is arranged so that traumatic injuries and disorders are listed first (in Division 1) while diseases are listed in Divisions 2 through 6.

The Nature of Injury or Illness divisions are arranged as follows:

<b><u>DIVISION</u></b>	<b><u>TITLE</u></b>
1	Traumatic Injuries and Disorders
2	Systemic Diseases and Disorders
3	Infectious and Parasitic Diseases
4	Neoplasms, Tumors, and Cancers
5	Symptoms, Signs, and Ill-defined Conditions
6	Other Diseases, Conditions, and Disorders
7	Exposures to Disease—No Illness Incurred
8	Multiple Diseases, Conditions, and Disorders
9999	Nonclassifiable

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### **1\* TRAUMATIC INJURIES AND DISORDERS**

This division classifies traumatic injuries and disorders, acute effects of external agents, and acute poisoning and toxic effects. Generally, a traumatic injury or disorder is the result of a single incident, event, or exposure over the course of a single shift. Cases coded to this division need not be consistent with the Occupational Safety and Health Administration (OSHA) recordkeeping definition of an injury or whether the employer reported the case as an injury or illness on the OSHA log.

#### **10 Traumatic injuries and disorders, unspecified**

This code classifies traumatic injuries and disorders when the only information available describes the incident as traumatic. For example, nature would be coded as 10 if all that is known about the injury is that the employee was hurt in car accident. This code is also used for hip and joint replacements or other medical procedures when the initial injury is not specified. It includes nonfatal blunt force trauma and fatal blunt force trauma when the part of body is unknown.

Damage to existing prosthetic or orthopedic devices (artificial limbs and eyes, hearing aids, pins, rods, medical implants) without accompanying injury to the worker's body are coded in 61.

#### **11\* Traumatic injuries to bones, nerves, spinal cord**

This major group classifies traumatic injuries to the bones, nerves, or spinal cord and includes bone fractures, paralysis resulting from a traumatic spinal cord injury, and pinched nerves resulting from a traumatic injury. Herniated discs and other dislocations are excluded from this category and coded in 121.

##### **110 Traumatic injuries to bones, nerves, spinal cord, unspecified**

##### **111 Fractures**

This nature group classifies traumatic injuries that result in fractures of bones or teeth. Nose and rib fractures are assumed to be bone fractures unless otherwise specified.

*Includes:* closed fractures (fractures for which no open wound exists); open fractures (fractures for which there is an accompanying open wound); comminuted, compound, depressed, elevated, fissured, greenstick, impacted, linear, march, simple, and spiral fractures; slipped epiphysis;

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stress fractures; broken bones; cracked bones; broken or chipped tooth; fractures resulting from nonvenomous animal bites; avulsion fractures; joint fractures

*Excludes:* fatal fractures of the back (118), neck (118), rib (194), and skull (1681); fracture of cartilage (122); pathological or spontaneous fracture (27\*); loose tooth (119); avulsions involving open wounds with tissue loss (1312); avulsions of joint capsule, ligament, or tendon (1231); tooth avulsion (1312)

### **112\* Traumatic injuries to spinal cord**

This nature group classifies traumatic injuries to the spinal cord.

*Includes:* severed spinal cord, nonfatal severed spinal cord resulting from a gunshot wound, traumatic transient paralysis except due to known brain injury, pinched nerves involving the spinal cord without mention of herniated or ruptured disc

*Excludes:* spinal bone injury (111 or 118), dislocated or herniated disc (1211), injuries (including back injuries) not specified as involving the spinal cord itself, paralysis resulting from head injury (16\*)

**1120 Traumatic injuries to spinal cord, unspecified**

**1121 Paralysis, paraplegia, quadriplegia**

**1129 Traumatic injuries to spinal cord, n.e.c.**

### **113\* Traumatic injuries to nerves, except the spinal cord**

This nature group classifies traumatic injuries to nerves other than the spinal cord. Cranial nerves, peripheral nerve of the shoulder or pelvic girdle, and nerves of the limb are possible locations for injuries in this nature group. Pinched nerves in these locations are coded in this category unless a dislocation or herniated disc is specified or the condition resulted from a repetitive activity. Diseases or disorders of the nervous system that occur over time as a result of repetitive activity are usually classified in major group 22 or 27.

*Includes:* division of nerve; lesion in continuity; traumatic neuroma; pinched nerves, except for those involving the spinal cord or resulting from a dislocation or from repetitive trauma

\*-Asterisks denote a summary level code not assigned to individual cases.

*Excludes:* diseases or disorders affecting the nervous system (22\*), diseases or disorders affecting the sense organs (22\*), carpal tunnel syndrome from repetitive or cumulative trauma or motion (2241), hearing loss (2261), tinnitus (2262), loss of vision (2254), traumatic transient paralysis (112\*), severed spinal cord (112\*), pinched nerve resulting from a dislocation or herniated disc (1211), pinched nerve involving the spinal cord (112\*), nontraumatic sciatica (2721), pinched nerve in the neck, resulting from repetitive or prolonged activity (2729)

**1130 Traumatic injuries to nerves, except the spinal cord, unspecified**

**1131 Pinched nerve**

*Includes:* nerve compression, nerve entrapment, sciatica, carpal tunnel syndrome resulting from traumatic events

*Excludes:* pinched or compressed nerves resulting from repetitive or cumulative trauma (224\*), carpal tunnel syndrome resulting from repetitive or cumulative trauma (2241), nontraumatic sciatica (2721)

**1139 Traumatic injuries to nerves, except the spinal cord, n.e.c.**

**118 Multiple traumatic injuries to bones, nerves, spinal cord**

This nature group classifies multiple injuries and disorders of equal severity within **Traumatic injuries to bones, nerves, spinal cord**, major group 11. It includes fatal back fractures, fatal neck fractures, fatal atlanto-occipital subluxations, and internal decapitations. This group excludes multiple nonfatal fractures (111) and skull fractures accompanied by intracranial injury (1681).

**119 Traumatic injuries to bones, nerves, spinal cord, n.e.c.**

*Includes:* loose tooth

*Excludes:* broken or chipped tooth (111), tooth avulsion (1312)

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**12\* Traumatic injuries to muscles, tendons, ligaments, joints, etc.**

This major group classifies traumatic injuries that affect the muscles, tendons, ligaments, cartilage, or joints.

*Includes:* dislocations (121\*); torn cartilage (122\*); internal derangement (121\*); shoulder separations (1212); herniated disc (1211); cartilage fracture (122\*); sprains, strains, tears (123\*); hernias resulting from traumatic incidents (124); whiplash (125); avulsions of joint capsule, ligament, or tendon (1231)

*Excludes:* joint fractures (111); avulsion fractures (111); avulsions involving open wounds with tissue loss (1312)

**120 Traumatic injuries to muscles, tendons, ligaments, joints, etc., unspecified**

**121\* Dislocations**

This nature group classifies displacement or dislocation of bone or cartilage.

*Includes:* subluxations; slipped, ruptured, or herniated discs; partial displacements; pinched nerves resulting from a dislocation; internal derangement (traumatic)

*Excludes:* sprains, strains, tears (123\*); torn, fractured, or broken cartilage with no mention of dislocation (122\*); meniscus tear with no mention of dislocation (1221)

**1210 Dislocations, unspecified**

**1211 Herniated discs**

*Includes:* bulging disc, slipped disc, ruptured intervertebral disc, pinched nerve resulting from herniated disc, dislocated disc

*Excludes:* herniated brain (2239), hernias (124, 253)

**1212 Dislocation of joints**

*Includes:* shoulder separations, dislocated shoulder, dislocated knee, internal derangement (traumatic)

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*Excludes:* herniated and dislocated discs (1211)

**1218 Multiple types of dislocations**

**1219 Dislocations, n.e.c.**

**122\* Cartilage fractures and tears**

This nature group includes meniscus tears and other fractures and tears of cartilage. Nose and rib fractures are coded as bone fractures (111) unless specifically described as being limited to cartilage. Dislocations involving cartilage tears and fractures are also excluded from this category (121\*).

**1220 Cartilage fractures and tears, unspecified**

**1221 Meniscus tears**

*Includes:* torn meniscus in the knee

*Excludes:* injuries to meniscus cartilage in the shoulder (1229)

**1229 Cartilage fractures and tears, n.e.c.**

*Includes:* fractured cartilage of the nose, unless a bone was also fractured; torn or fractured meniscus of the shoulder

**123\* Sprains, strains, tears**

This nature group classifies cases of sprains and strains of muscles, joints, tendons, and ligaments. Diseases or disorders affecting the musculoskeletal system, including tendonitis and bursitis, which generally occur over time as a result of repetitive activity should be coded in **Musculoskeletal system and connective tissue diseases and disorders**, major group 27.

Major tears to muscles, tendons, and ligaments—such as ACL or MCL tears, rotator cuff tears, and grade III sprains and strains—are included in 1231. ACL, MCL, rotator cuff, Achilles, and biceps tears are assumed to be major unless specified to be minor or grade I or II. Sprains and strains to other muscles, tendons, and ligaments are assumed to be minor (grade I or II) unless specified otherwise.

Sprains are the stretching or tearing of ligaments, while strains are similar injuries involving muscles and tendons. If the description clearly indicates

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that both a sprain to a ligament *and* a strain to a muscle or tendon occurred (such as sprains and strains), use code 1238. If the description is general, such as “sprains/strains,” use code 1230.

*Includes:* "pull", rupture, strain, sprain, or tear of joint capsule, ligament, muscle, or tendon; unspecified "twists" (1232); rotator cuff strains (1233); rotator cuff tears (1231); hemarthrosis or bleeding in the knee joint (1230); avulsions of joint capsule, ligament, or tendon that do not involve open wounds with tissue loss (1231)

*Excludes:* lacerations of tendons in open wounds (13\*), cartilage tears (122), meniscus tears (1221), injuries due to repetitive activity (27\*), rotator cuff syndrome (2739), nontraumatic hernias (253), traumatic hernias (124), herniated discs (1211), nontraumatic rotator cuff tendinitis (2735), whiplash with no mention of specific injury (125)

### **1230 Sprains, strains, tears, unspecified**

#### **1231 Major tears to muscles, tendons, ligaments**

*Includes:* anterior cruciate ligament (ACL) tear; medial collateral ligament tear (MCL); Achilles tear or rupture; torn rotator cuff; bicep(s) tear; grade III sprain or strain; avulsion of joint capsule, ligament, or tendon that does not involve open wound with tissue loss

*Excludes:* meniscus tears (1221); rotator cuff syndrome (2739); grade I and II sprains (1232); grade I and II strains (1233)

#### **1232 Sprains**

*Includes:* pulls, hyperextensions, and minor tears to ligaments; twists involving joints; twisted back, knee, or ankle; grade I and II sprains

*Excludes:* anterior cruciate ligament (ACL) tear, medial collateral ligament tear (MCL), Achilles tear, torn rotator cuff, bicep(s) tear, grade III sprains (1231)

#### **1233 Strains**

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*Includes:* pulls and minor tears to muscles and tendons, rotator cuff strains

*Excludes:* anterior cruciate ligament (ACL) tear, medial collateral ligament tear (MCL), Achilles tear, torn rotator cuff, bicep(s) tear, grade III strains (1231)

### **1238 Multiple sprains, strains, tears**

#### **124 Hernias due to traumatic incidents**

*Includes:* abdominal, diaphragmatic, esophageal, femoral, hiatal, inguinal, paraesophageal, scrotal, umbilical, and ventral hernias resulting from single or short-term episodes of exertion, such as lifting, pushing, pulling; ruptured and strangulated hernias resulting from single or short-term exertions; hernias for which it cannot be determined whether they resulted from single or repetitive exertions

*Excludes:* hernias resulting from repetitive exertions of lifting or straining (253); herniated disc (1211); herniated brain (2239); strangulations (191); bladder prolapse (269); synovial and birkett's hernia (2735)

#### **125 Whiplash**

This code is used for whiplash injuries when no specific injury is provided.

#### **128 Multiple traumatic injuries to muscles, tendons, ligaments, joints, etc.**

*Includes:* combination of ACL or MDL tears along with meniscus tear; combination of dislocation and rotator cuff tear

#### **129 Traumatic injuries to muscles, tendons, ligaments, joints, etc., n.e.c.**

This nature group classifies injuries to muscles, tendons, ligaments, etc. that are not classified elsewhere in this major group.

#### **13\* Open wounds**

This major group classifies traumatic injuries involving open wounds—broken skin or outward opening beyond the superficial skin surface.

*Includes:* amputations (131\*), nonvenomous animal or insect bites that do

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not simultaneously produce a parasitic or infectious disease (133), avulsions (1312), enucleations (1312), cuts and lacerations (132), gunshot wounds (134), puncture wounds (133), stab or impaling wounds (133), needlesticks in which there was no further diagnosis (133)

*Excludes:* abrasions and scratches (141), burns (15\*), lacerations of internal organs of the trunk in absence of an open wound (194), ruptured arteries or blood vessels of the arm or leg in absence of an open wound (1999), venomous animal or insect bites or stings (195\* and 196\*), bites or stings that simultaneously produce a parasitic or infectious disease (Division 3)

### **130 Open wounds, unspecified**

### **131\* Amputations, avulsions, enucleations**

This nature group classifies the traumatic loss of a limb or other external body part. Amputations include a part, such as a limb or appendage, that has been severed, cut off, amputated (either completely or partially); fingertip amputation with or without bone loss; decapitation. Medical amputations resulting from irreparable damage as well as amputations of body parts that have since been reattached are considered amputations.

Amputations are typically more severe than other injuries and therefore selected as the nature over simple fractures, lacerations, and dislocations. Injuries that may be of equal or greater severity include a severe head injury, a cut or laceration of an artery (at a site other than the amputation), and injuries to internal organs.

Avulsions include fingernail or toenail avulsions; tooth avulsions; ear avulsions; eyelid avulsion; degloving or scalpings; enucleations; injuries listed as avulsion, except avulsion of joint capsule, ligament, muscle or tendon (12\*); tearing or ripping away of a part.

*Excludes:* broken or chipped tooth (111); avulsion of joint capsule, ligament, or tendon in absence of tissue loss (12\*); avulsion fracture (111)

### **1310 Amputations, avulsions, enucleations, unspecified**

### **1311 Amputations**

\*-Asterisks denote a summary level code not assigned to individual cases.

*Includes:* injuries reported as amputation and partial amputations regardless of bone loss, traumatic injuries with bone loss, decapitations, transections, nonfatal amputations resulting from a gunshot wound, medical amputations due to irreparable traumatic injury, amputations of body parts that were surgically reattached

*Excludes:* ear avulsion, severed ear (1312); internal decapitation (118)

**1312 Avulsions, enucleations**

*Includes:* avulsions, enucleations, degloving, scalpings, fingernail and toenail avulsions, eyelid avulsions, tooth avulsions, enucleations of the eye, severed ears

*Excludes:* avulsion of joint, muscle, tendon in absence of tissue loss (12\*); avulsion fracture (111)

**1319 Amputations, avulsions, enucleations, n.e.c.**

**132 Cuts, lacerations**

*Excludes:* laceration of internal organ or blood vessel of the trunk in the absence of an open wound (194)

**133 Puncture wounds, except gunshot wounds**

This nature group classifies traumatic injuries that are the result of piercing or puncturing the body surface.

*Includes:* stab wounds; impaling wounds; needlesticks that do not result in a disease; ruptured eardrum as a result of piercing from a sharp object; puncture wounds resulting from splinters; puncture wounds resulting from nonvenomous animal bites; animal bites that are not otherwise specified; embedded foreign body

*Excludes:* venomous animal or insect bites (195\* and 196\*); minor nonvenomous insect bites, such as mosquito bites (149); needlesticks resulting in a disease; gunshot wounds (134);

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ruptured eardrum due to air or water pressure (1739) or due to noise or explosion

**134 Gunshot wounds**

This nature group classifies all gunshot wounds regardless of severity or location, except when a nonfatal amputation, paralysis, or nonfatal severed spine results.

**138 Multiple types of open wounds**

This nature group classifies multiple injuries and disorders of equal severity within **Open wounds**, major group 13.

**139 Open wounds, n.e.c.**

**14\* Surface wounds and bruises**

This major group classifies traumatic bruises and other injuries that occur to the surface of the body and generally do not involve open wounds. Friction blisters are classified in 142; friction burns and road rash are included in 15. Minor nonvenomous insect bites, such as mosquito bites, are coded in 149. Foreign bodies in the eye with no other description of the injury are coded in 1973.

**140 Surface wounds and bruises, unspecified**

**141 Abrasions, scratches**

This nature group classifies traumatic injuries where the skin, mucous membrane, or superficial epithelium have been removed or marked, usually as a result of rubbing, scratching, or scraping. Injuries involving extensive loss of skin that is completely torn off, thus exposing underlying tissue are considered avulsions (1312).

**142 Blisters**

This nature group classifies the localized collection of fluid in the epidermis associated with friction or impact.

*Includes:* blood blisters, friction blisters

*Excludes:* blisters associated with burns including friction burns (15\*); blisters resulting from allergic reactions (195\*); blisters associated with other diseases, disorders, or injuries

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**143 Bruises, contusions**

This nature group classifies injuries that produce capillary hemorrhaging with the skin remaining intact.

*Includes:* bruises and contusions—with or without swelling, hematoma, black eye, ecchymosis, hyphema, contusions resulting from nonvenomous animal bites, bruised bones

*Excludes:* concussion (162), hemarthrosis (1230), nontraumatic cerebral hemorrhage (2360), traumatic cerebral hemorrhage (161), injuries to the brain (16\*), injuries to the internal organs of the trunk (194)

**148 Multiple surface wounds and bruises**

This nature group classifies multiple injuries and disorders of equal severity within **Surface wounds and bruises**, major group 14, and includes abrasions and bruises of equal severity.

**149 Surface wounds and bruises, n.e.c.**

*Includes:* mosquito bites, other minor nonvenomous insect bites

**15\* Burns and corrosions**

This major group classifies burns (tissue damage) resulting from a variety of sources including heat, flame, hot substance, lightning, radiation, extremely cold objects, and electricity. It also includes the corrosive action of chemicals, chemical compounds and fumes. When there are multiple burns or corrosions of differing degree, code the most severe. First degree burns are the least severe and are characterized by pain and reddening of the skin. They may also be described as epidermal burns. Second degree burns are more severe and characterized by blistering, swelling and destruction of superficial tissue. Partial thickness burns that involve the superficial dermis are considered second-degree burns. Third and fourth degree burns are the most severe. They may be described as partial thickness—deep or full thickness. Use code 1591 for welders flash, friction burns, and sunburn when the degree of burn is unspecified. Use the appropriate unspecified code for all other burns (chemical, heat, scalds, electrical) when the degree cannot be determined. Chemical burns are burns that result from the corrosive action of chemicals, including acids and caustics.

*Includes:* heat burns (152\*); thermal and scalding burns (152\*); chemical burns (151\*); electrical burns (153\*); first, second, and third

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degree burns; lightning burns (153\*); radiation burns (159\*); road rash (1591); friction burns, sunburns, and welder's flash—first degree or degree unspecified (1591); ultraviolet keratoconjunctivitis (1591); burns from arc flashes (153\*); internal burns from inhaling hot smoke and gases (152\*)

*Excludes:* frostbite (1711), eye injuries resulting from lasers (2259), other effects from chemicals (195\* and 196\*), electrocutions (193), burns and smoke inhalation of equal severity (1841), fractures and burns of equal severity (1833)

### **150 Burns and corruptions, unspecified**

#### **151\* Chemical burns and corruptions**

**1510 Chemical burns and corruptions, unspecified**

**1511 First degree chemical burns and corruptions**

**1512 Second degree chemical burns and corruptions**

**1513 Third or fourth degree chemical burn and corruptions**

**1519 Chemical burns and corruptions, n.e.c.**

#### **152\* Heat (thermal) burns**

**1520 Heat (thermal) burns, unspecified**

**1521 First degree heat (thermal) burns**

**1522 Second degree heat (thermal) burns**

**1523 Third or fourth degree heat (thermal) burns**

**1529 Heat (thermal) burns, n.e.c.**

#### **153\* Electrical burns**

**1530 Electrical burns, unspecified**

**1531 First degree electrical burns**

**1532 Second degree electrical burns**

**1533 Third or fourth degree electrical burns**

**1539 Electrical burns, n.e.c.**

#### **159\* Other burns**

**1590 Other burns, unspecified**

**1591 Other burns, first degree**

**1592 Other burns, second degree**

**1593 Other burns, third or fourth degree**

**1599 Other burns, n.e.c.**

### **16\* Intracranial injuries**

This major group classifies traumatic injuries to the cranium or skull and the

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structures within. If the source document states head injuries, head trauma, closed head injuries, crushed head, blunt force trauma to the head, blunt head injury, or severe head injury, select intracranial injuries, unspecified (160) if no other information is available. Fatal skull fractures and nonfatal skull fractures with injuries to the brain are coded 1681. Craniocerebral injuries and craniocerebral trauma are coded in multiple intracranial injuries (1680). Nontraumatic cerebral hemorrhages or those resulting from cerebrovascular disease are coded in 236.

*Includes:* cerebral hemorrhage resulting from traumatic incidents (161); crushing head injury (160); subdural hematomas (161); fatal skull fractures (1681); skull fractures accompanied by intracranial injury (1681); nonspecific fatal crushing injuries to the head (160); nonspecific closed head injuries—including those that are severe (160); multiple unspecified closed head injuries (160); blunt head injury, unspecified (160); traumatic brain injury or TBI (160); paralysis resulting from head injury (16\*); craniocerebral trauma (1680); brain contusion (169); concussion (162)

*Excludes:* cerebral hemorrhage or strokes resulting from cerebrovascular disease (236\*); cerebrovascular disease (236\*); intracranial nerve damage (1139); nondescript loss of consciousness with no apparent traumatic incident (5111); nonfatal skull fractures (111) unless injury to the brain is specified

### **160 Intracranial injuries, unspecified**

### **161 Cerebral and other intracranial hemorrhages**

*Includes:* cerebral hemorrhage, subdural hematoma, intracranial hemorrhage, subarachnoid hemorrhage

### **162 Concussions**

### **168\* Multiple types of intracranial injuries**

**1680 Multiple intracranial injuries, unspecified**

**1681 Skull fracture and intracranial injury**

**1689 Multiple intracranial injuries, n.e.c.**

### **169 Intracranial injuries, n.e.c.**

### **17\* Effects of environmental conditions**

This major group classifies injuries or disorders that are a result of adverse

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\*-Asterisks denote a summary level code not assigned to individual cases.

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environmental conditions.

*Includes:* effects of reduced temperature, general heat, light, and air pressure; dehydration resulting from environmental conditions

*Excludes:* sunburn—first degree or degree unspecified (1591); other burns (15\*)

### **170 Effects of environmental conditions, unspecified**

#### **171\* Effects of reduced temperature**

This nature group classifies injuries or disorders resulting from abnormally reduced body temperature which affects body tissues, or the functioning of the central nervous system, circulatory system, or the endocrine system.

*Includes:* frostbite (1711), hypothermia (1712), trench foot (1719), chilblains (1719), erythema pernio (1719), perniosis (1719)

*Excludes:* burns from extremely cold objects (15\*); drowning, with or without hypothermia (192)

#### **1710 Effects of reduced temperature, unspecified**

#### **1711 Frostbite**

#### **1712 Hypothermia**

#### **1718 Multiple effects of reduced temperature**

#### **1719 Effects of reduced temperature, n.e.c.**

#### **172\* Effects of heat and light**

This nature group classifies injuries or disorders caused by the effects of heat and light.

*Includes:* heat stroke (1721); heat apoplexy (1721); heat exhaustion (1725); heat pyrexia (1721); ictus solaris (1721); fainting and loss of consciousness associated with heat (1722); siriasis (1721); sunstroke (1721); thermoplegia (1721); heat fatigue including transient (1723); fatal hyperthermia (1721); dehydration resulting from heat exposure (1729)

*Excludes:* fainting and loss of consciousness without reference to heat (5111); sunburn—first degree or degree unspecified (1591); heat burns (152\*); prickly heat (2893); heat rash (2893); miliaria rubra (2893)

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- 1720 Effects of heat and light, unspecified**
- 1721 Heat stroke**
- 1722 Heat syncope**
- 1723 Heat fatigue**
- 1724 Heat edema**
- 1725 Heat exhaustion, prostration**
- 1728 Multiple effects of heat and light**
- 1729 Effects of heat and light, n.e.c.**

### **173\* Effects of air or water pressure**

This nature group classifies injuries or disorders resulting from effects of high and low pressure or changes in pressure. Included are effects of high altitude or compressed air as well as the effects of pressure changes underwater.

*Includes* barosinusitis (1732), barotitis (1731), otitic barotrauma (1731), sinus barotrauma (1732), ruptured eardrum due to air or water pressure (1739), air or gas embolisms due to diving (1733), decompression sickness or illness (1733)

*Excludes:* injuries resulting from blasts of pressurized air or water

- 1730 Effects of air or water pressure, unspecified**
- 1731 Aero-otitis media**
- 1732 Aerosinusitis**
- 1733 Caisson disease, bends, divers' palsy**
- 1738 Multiple effects of air or water pressure**
- 1739 Effects of air or water pressure, n.e.c.**

- 178 Multiple effects of environmental conditions**
- 179 Effects of environmental conditions, n.e.c.**

### **18\* Multiple traumatic injuries and disorders**

This major group classifies combinations of multiple traumatic injuries or disorders *from more than one major group within this division when they are of equal severity*. For example, an incident which involved a burn and a fracture, *of equal severity*, would be coded as 1833. Combinations involving equally severe cuts and bruises, cuts and abrasions, or cuts, abrasions, and bruises are included in 181. Burns and other injuries, besides fractures, are coded in 184\*. Intracranial injuries and internal injuries of the trunk are coded in 185. Multiple unspecified injuries are coded in 180.

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\*-Asterisks denote a summary level code not assigned to individual cases.



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*Excludes:* abrasions and bruises of equal severity (148), multiple internal injuries of the trunk (194), multiple internal injuries (194), skull fracture and intracranial injury (1681), multiple injuries classified in the same division

**180 Multiple traumatic injuries and disorders, unspecified**

**181 Cuts and abrasions or bruises**

**182\* Sprains and other injuries**

*Excludes:* sprains and fractures of equal severity (1839)

**1820 Sprains and other injuries, unspecified**

**1821 Sprains and bruises**

**1822 Sprains and cuts**

**1829 Sprains and other injuries, n.e.c.**

**183\* Fractures and other injuries**

**1830 Fractures and other injuries, unspecified**

**1831 Fractures (except skull fractures) and concussions**

**1832 Fractures (except rib, trunk fractures) and internal injuries**

**1833 Fractures and burns**

**1834 Fractures and dislocations**

**1839 Fractures and other injuries, n.e.c.**

**184\* Burns and other injuries, except fractures**

**1840 Burns and other injuries, except fractures, unspecified**

*Excludes:* fractures and burns (1833)

**1841 Burns and smoke inhalation**

**1849 Burns and other injuries, n.e.c.**

**185 Intracranial injuries and injuries to internal organs**

*Includes:* multiple internal injuries involving both head and trunk; blunt force trauma to head and abdomen (fatal); blunt force trauma to head and chest (fatal); blunt force trauma to head, chest and abdomen (fatal)

**189 Multiple traumatic injuries and disorders, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.

*Includes* blunt force trauma to head and neck (fatal); blunt force trauma to head, neck and abdomen (fatal); blunt force trauma to head, neck and chest (fatal)

**19\*** **Other traumatic injuries and disorders**

This major group classifies other traumatic injuries or disorders that are not assigned to the other major groups in Division 1.

**190** **Other traumatic injuries and disorders, unspecified**

This nature group classifies traumatic injuries or disorders that can be identified as belonging in codes 191-199, but not enough information is available to determine which code.

**191** **Asphyxiations, strangulations, suffocations**

This nature group classifies fatal and nonfatal injuries that involve the lack of oxygen, stopping of the respiration process, or obstruction to breathing.

*Includes:* traumatic, mechanical, positional, and compressional asphyxia—except when crushing or internal injuries of the trunk are specified; asphyxia resulting from an oxygen-deficient environment; asphyxiation by constriction, hanging, strangulation, or suffocation; inhaling or choking on food or other substances

*Excludes:* drownings (192); strangulated hernia (253); asphyxia from gas fumes or vapors (1961); smoke inhalation (1961); carbon monoxide poisoning (1961); asphyxiation due to crushed chest or internal injuries of the trunk (194); crushing asphyxia (194)

**192** **Drownings**

This nature group classifies fatal suffocations as a result of submersion in liquid, especially in water. This code should also be used when drowning is accompanied by hypothermia.

**193** **Electrocutions, electric shocks**

This nature group classifies fatal and nonfatal traumatic injuries that result from contact with electric current, including lightning strikes, lightning shock, and other injuries resulting from electric shock. Burns from arc

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\*-Asterisks denote a summary level code not assigned to individual cases.

flashes and other contact with electric current are coded in 153\* when the burn is the most severe injury. Most fatalities resulting from electric current are included in 193 although electrical burns may also exist.

*Excludes:* electrical burns (153\*)

### **194 Internal injuries to organs and blood vessels of the trunk**

This nature group classifies traumatic injuries that involve internal organs or blood vessels of the trunk and are not classified in any other major group throughout the nature of injury or illness structure. Included are bruises, contusions, lacerations, and rupture to the internal organs and blood vessels of the trunk when there is no indication of an open wound. Ruptured arteries of the arm or leg not resulting from an open wound are coded 1999.

*Includes:* asphyxiation due to crushed chest or internal injuries of the trunk; crushing asphyxia; arterial hematoma; internal injuries except those specified as occurring to parts of the body other than the trunk; traumatic rupturing of blood vessels of the trunk; fatal crushing injury, or blunt force trauma to trunk—abdomen, chest, or pelvis; traumatic aortic aneurysm, fistula, or dissection; fatal rib fractures; multiple internal injuries of the trunk

*Excludes:* bruises and contusions (143); blood blisters (142); internal injuries to the brain (16\*); internal injuries to other parts of the body besides the trunk; internal injuries resulting from open wounds (13\*); nontraumatic aneurysm or rupture of internal organs or blood vessels; nonfatal blunt force trauma with no indication of internal injuries of the trunk (1972)

### **195\* Dermatitis and reactions affecting the skin—acute**

This nature group classifies dermatitis or inflammation of the skin. The category includes contact dermatitis which results from skin contact with allergens or irritant substances as well as dermatitis from substances inhaled or ingested. It also includes reactions to venomous bites and stings limited to the skin. The category excludes burns, venomous bites and stings not limited to the skin, dermatitis caused by parasites, heat rash, conditions not affecting the skin, dermatitis from long-term exposures, and eczema not specified as acute.

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\*-Asterisks denote a summary level code not assigned to individual cases.

Dermatitis resulting from contact with alcohols, caustics, alkalis, acids, detergents, solvents, and oils should be coded as irritant dermatitis (1952) unless specified to be allergic. Dermatitis due to contact with poison ivy, oak, sumac, or Rhus; metals; adhesives; rubber, latex, animals, or food should be considered allergic (1951) unless otherwise specified. Contact and occupational dermatitis should be coded as dermatitis, unspecified (1950) if information is unavailable to classify it in one of the specific categories.

*Includes:* dermatitis due to contact with poison ivy, oak, Rhus, or sumac (1951); contact dermatitis; dermatitis resulting from inhaling or ingesting substances; hives (1953); occupational dermatitis; effects of venomous bites and stings limited to the skin; unspecified rashes (1950)

*Excludes:* burns, including chemical burns and sunburn (15\*); effects of venomous bites and stings not limited to the skin (196\*); lice (391); scabies, chiggers, and mites (392); cellulitis (2811); allergic reactions not limited to the skin (196\*); conditions of the eye; dermatoses (2899); neurodermatitis (2899); perioral dermatitis (2899); pruritis (2899); food poisoning (36\*); heat rash and prickly heat (2893); eczema (282) unless specified as acute; inflammation due to allergic reaction (1966); inflammation from bee, wasp, stings (1966)

**1950 Dermatitis and reactions affecting the skin—acute, unspecified**

**1951 Allergic dermatitis—acute**

*Includes:* poison ivy, poison oak, poison sumac, Rhus

**1952 Irritant dermatitis—acute**

**1953 Hives, urticaria—acute**

**1958 Multiple types of dermatitis and skin reactions—acute**

**1959 Dermatitis and reactions affecting the skin—acute, n.e.c.**

**196\* Other poisoning, toxic, noxious, or allergenic effects**

This nature group classifies cases of poisoning or toxic, noxious, or allergenic effects resulting from short-term exposures to chemicals, venoms, drugs, medicines, food, and other substances unless the effects are limited to the skin. Effects that are limited to the skin are coded in 195\*. Drug overdoses and smoke inhalations are coded in 1961, unless

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\*-Asterisks denote a summary level code not assigned to individual cases.

more specific information is available. Unspecified allergic reactions to stings, bites are coded in 1966. Venomous bites and stings are coded in 1960 if no information is available on the specific reaction. The following bites and stings are to be considered venomous: stings from bees, wasps, hornets, yellow jackets, sea nettles, jelly fish; spider and scorpion bites; fire ant bites or stings; and venomous snake bites, including those from rattlesnakes, copperheads, cottonmouths, water moccasins.

*Includes:* asphyxia from gas, fumes, and vapors (1961); carbon monoxide or other chemical poisoning (1961); allergic reactions other than those limited to the skin; toxic or noxious effects of smoke inhalation; toxic effects of food contaminants or noxious food stuffs—non-viral and non-bacterial; lead poisoning (1961); radiation sickness; radiation poisoning (1961); effects of venomous bites and stings, except for those limited to the skin; drug overdoses, not otherwise specified (1961); asthma attacks from short-term exposures to toxic, noxious, or allergenic substances (1963)

*Excludes:* dermatitis and other skin reactions (195\*); effects of poison ivy, poison oak, poison sumac, or Rhus that are limited to the skin (1951); burns (15\*); parasitic or infectious poisonings (Division 3); food poisoning (36\*); animal or insect bites that simultaneously produce a parasitic or infectious disease or disorder (Division 3); manifestations from animal or insect bites that are not the result of the venom or poison; blood poisoning and septicemia (3197); nonanaphylactic shock; asphyxia from an oxygen deficient environment (191 or 192); long-term exposures

**1960 Poisoning, toxic, noxious, or allergenic effect, unspecified**

**1961 Poisoning, including poisoning-related asphyxia**

*Includes:* passing out due to chemical exposure

**1962 Anaphylactic shock, anaphylaxis**

**1963 Other respiratory system symptoms—toxic, noxious, or allergenic effect**

*Includes:* asthma attack or exacerbation, wheezing, shortness of breath, tightening of chest, lung irritation

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\*-Asterisks denote a summary level code not assigned to individual cases.

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*Excludes:* coughing and throat irritation from toxic, noxious, or allergic substances without other respiratory effects (1964); asthma attack with no apparent cause (2449); exercise-induced asthma attack (2449)

**1964 Coughing and throat irritation—toxic, noxious, or allergenic effect**

**1965 Dizziness, lightheadedness, headache—toxic, noxious, or allergenic effect**

**1966 Other or unspecified allergic reactions**

*Includes:* inflammation due to allergic reactions; inflammation from bee or wasp sting

**1967 Nausea, vomiting—toxic, noxious, or allergenic effect**

**1968 Multiple poisoning, toxic, noxious, or allergenic effects**

**1969 Other poisoning, toxic, noxious, or allergenic effects, n.e.c.**

### **197\* Nonspecified injuries and disorders**

This nature group classifies nonspecified traumatic injuries and disorders where some description of the manifestation of the trauma is provided and generally where the part of body has been identified. For example, sore neck, hurt arm, pain in shoulder, and back went out would be coded in this group. Foreign bodies in the eye with no other description of the injury are coded in 1973.

#### **1971 Crushing injuries**

*Includes:* crushing injuries to upper and lower extremities—arm, leg, hand

*Excludes:* crushing injuries involving internal organs (194); crushing injuries to the head (160); crushing injuries resulting in amputation (1311)

#### **1972 Soreness, pain, hurt—nonspecified injury**

*Includes:* hurt back, backache, low back pain, back that "went out", "popped" knee joint; jammed finger or thumb, back spasms, muscle spasms; nonfatal blunt force trauma

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\*-Asterisks denote a summary level code not assigned to individual cases.

*Excludes:* strains (1233); twisted back, knee, ankle (1232); nontraumatic back spasms (2729); nontraumatic spasms, except the back (2739); pulled back (1233)

**1973 Swelling, inflammation, irritation—nonspecified injury**

*Includes:* inflammation from nonspecified traumatic injury; foreign bodies in eye—unspecified

*Excludes:* inflammation of joints resulting from nontraumatic repetitive activity; certain eye inflammations; inflammatory diseases; swelling, inflammation associated with bruises (143); inflammation and irritation associated with dermatitis (195\*); inflammation and irritation associated with exposures to toxic, noxious, or allergic substances (195\*, 196\*)

**1974 Numbness—nonspecified injury**

**1978 Multiple nonspecified injuries and disorders**

*Includes:* multiple nonspecified injuries, such as soreness and numbness

**1979 Nonspecified injuries and disorders, n.e.c.**

**199\* Other traumatic injuries and disorders, n.e.c.**

*Includes:* ruptured arteries of arm or leg not resulting from an open wound (1999); traumatic complications, such as embolism or shock, when the initial injury is unknown; anoxic brain damage when the initial injury is unknown (1999)

*Excludes:* anaphylactic shock (1962); paralysis resulting from spinal injury (1121); paralysis resulting from brain injury (16\*); infections resulting from open wounds (13\*); abrasions (141); or other specified injuries

**1991 Traumatic shock**

*Excludes:* anaphylactic shock (1962)

**1992 Embolism, air or fat**

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\*-Asterisks denote a summary level code not assigned to individual cases.

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*Excludes:* air or gas embolisms due to diving (1733);  
nontraumatic embolisms

### **1999 Traumatic injuries and disorders, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.



**2\* DISEASES AND DISORDERS OF BODY SYSTEMS**

This division classifies toxic and non-toxic diseases or disorders affecting systems of the body. Diseases or disorders included may affect the whole named body system, or more commonly, affect only a part of the named body systems at the time of diagnosis.

*Excludes:* traumatic injuries and disorders (Division 1); infectious and parasitic diseases (Division 3); neoplasms, tumors, and cancers (Division 4)

**20 Systemic diseases and disorders, unspecified**

**21 Anemia and other diseases of the blood and blood forming organs**

This major group classifies toxic and non-toxic diseases of the blood and blood forming organs.

*Includes:* anemias; coagulation defects; purpura and other hemorrhagic conditions; aplasia; agranulocytosis and neutropenia; sickle-cell anemia; thalassemia; thrombocytasthenia; thrombasthenia; qualitative platelet defects; polycythemia; pancytopenia; diseases of white blood cells; toxic paralytic anemia; evans syndrome; thrombocytopenia

*Excludes:* leukemia (4134)

**22\* Nervous system and sense organs diseases**

This major group classifies inflammatory, degenerative, and other disorders of the central and peripheral nervous system. Disorders of the sense organs of sight and hearing are also included in this group.

**220 Nervous system and sense organs diseases, unspecified**

**221 Inflammatory diseases of the central nervous system**

This nature group classifies inflammatory diseases or disorders of the nerves and ganglia of the brain and spinal cord.

*Includes:* meningitis and encephalitis due to bacterial, fungal, or toxic chemicals; intracranial and intraspinal abscess; phlebitis and thrombophlebitis of intracranial or intraspinal venous sinuses

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\*-Asterisks denote a summary level code not assigned to individual cases.

*Excludes:* traumatic injuries or disorders affecting the central nervous system (11\*), traumatic intracranial injuries (16\*), viral encephalitis (3229, 3243), viral meningitis

**222 Degenerative diseases of the central nervous system**

This nature group classifies degenerative diseases of the central nervous system.

*Includes:* cerebellar ataxia, other spinocerebellar disease, vascular myelopathies, and other myelopathies of the spinal cord; Reye's syndrome; Parkinson's disease; spinocerebellar disease; anterior horn cell disease

*Excludes:* traumatic injuries or disorders affecting the central nervous system (11\*), traumatic intracranial injuries (16\*)

**223\* Other disorders of the central nervous system**

This nature group classifies demyelinating diseases and paralytic syndromes of the central nervous system.

*Includes:* epilepsy (2231), multiple sclerosis (2239), paralytic syndromes without additional information (2239), nontraumatic herniated brain (2239), anoxic brain damage unless from a traumatic incident (2239)

*Excludes:* traumatic injuries or disorders affecting the central nervous system (11\*), traumatic intracranial injuries (16\*), seizure disorders resulting from traumatic head injury (16\*)

**2230 Other disorders of the central nervous system, unspecified**

**2231 Seizure disorder, epilepsy**

**2232 Migraine**

**2239 Other disorders of the central nervous system, n.e.c.**

**224\* Disorders of the peripheral nervous system**

This nature group classifies disorders of the peripheral nervous system which includes the nerves and ganglia located outside the brain and spinal cord. These are also known as neuropathies.

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*Includes:* carpal tunnel syndrome (2241); tarsal tunnel syndrome (2244); other mononeuritis of the extremities (2249); muscular dystrophies (2249); Bell's palsy (2249)

*Excludes:* traumatic injury affecting the peripheral nervous system (113\*); unspecified repetitive motion disorders (2730)

- 2240 Disorders of the peripheral nervous system, unspecified**
- 2241 Carpal tunnel syndrome**
- 2242 Inflammatory and toxic neuropathy, toxic polyneuropathy**
- 2243 Toxic myoneural disorders**
- 2244 Tarsal tunnel syndrome**
- 2249 Disorders of the peripheral nervous system, n.e.c.**

### **225\* Disorders of the eye, adnexa, vision**

This nature group classifies disorders of the eye, adnexa, and vision.

*Includes:* disorders of the globe of the eye; nontraumatic retinal detachments (2259); chorioretinal inflammations (2252); disorders of choroid (2259); disorders of the iris and ciliary body (2259); glaucoma (2255); cataracts (2253); nontraumatic visual disturbances (2256); keratitis (2252); disorders of the eyelids, lacrimal system, and other parts of the eye (2259); non-viral, nonspecific, acute, or chemical conjunctivitis (2251); traumatic and nontraumatic loss of vision (2254); redness of the eye (2250); styes (2259); corneal ulcer (2253); eye injuries resulting from exposure to lasers (2259); solar retinopathy (2259); burning sensation in eye (2259)

*Excludes:* traumatic injuries occurring to the eye and adnexa of the eye (Division 1); chemical burns to the eye (151\*); viral conjunctivitis (3261); eye strain (5123); burns resulting from exposure to ultraviolet light (159\*); ultraviolet keratoconjunctivitis (1591); welder's flash, first degree or degree unspecified (1591)

- 2250 Disorders of the eye, adnexa, vision, unspecified**
- 2251 Conjunctivitis—non-viral**
- 2252 Inflammation except conjunctivitis (including ophthalmia, iritis, chalazion)**
- 2253 Cataracts**
- 2254 Blindness, low vision**

\*-Asterisks denote a summary level code not assigned to individual cases.

- 2255 Glaucoma
- 2256 Visual disturbances
- 2259 Disorders of the eye, adnexa, vision, n.e.c.

**226\* Disorders of the ear, mastoid process, hearing**

This major group classifies diseases and disorders of the external, middle and inner ear; disorders of tympanic membrane; disorders of the vestibular system; Eustachian tube disorders, and of the mastoid process.

*Includes:* mastoiditis (2269), otitis externa (2269), otitis media (2269), otosclerosis (2269), hearing loss sustained from sudden or repeated noise (2261), traumatic and nontraumatic hearing loss (2261), otalgia (2269)

*Excludes:* aero-otitis media (1731), barotitis (1731), otitic barotrauma (1731), ruptured eardrum due to air or water pressure (1739), earache without further description (5122)

- 2260 Disorders of the ear, mastoid process, hearing, unspecified
- 2261 Deafness, hearing loss and impairment
- 2262 Tinnitus
- 2269 Disorders of the ear, mastoid process, and hearing, n.e.c.

**229 Nervous system and sense organs diseases, n.e.c.**

This nature group classifies diseases of the nervous system and sense organs that are not classified by any other code within major group 22.

*Includes:* anosmia or loss of sense of smell

**23\* Circulatory system diseases**

This major group classifies diseases or disorders of the circulatory system.

*Includes:* heart attack (2331); chronic rheumatic heart disease and acute rheumatic fever (231); hypertensive heart disease (232); ischemic heart disease (233\*); diseases of pulmonary circulation (234\*); cerebrovascular disease (236\*); diseases of arteries, arterioles, and capillaries (237\*); diseases of veins and lymphatics (238\*); other diseases of the circulatory system; blood clots that are nontraumatic in nature and that are not specified as being in either an artery or a vein (230); nontraumatic rupture of blood vessels (2339)

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\*-Asterisks denote a summary level code not assigned to individual cases.

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**230 Circulatory system diseases, unspecified**

**231 Rheumatic fever with heart involvement**

*Includes:* chronic rheumatic heart disease, rheumatic carditis

**232 Hypertensive disease**

This nature group classifies essential hypertension; hypertensive heart disease; and hypertensive renal disease.

**233\* Ischemic heart disease, including heart attack**

This nature group classifies ischemic heart disease with or without mention of hypertension.

**2330 Ischemic heart disease, unspecified**

**2331 Myocardial infarction (heart attack)**

*Includes:* heart attacks resulting from atherosclerosis or coronary artery disease; cardiac infarction; coronary (artery) embolism, occlusion, rupture, or thrombosis; infarction of heart, myocardium, or ventricle

**2332 Angina**

*Includes:* angina pectoris, Prinzmetal's angina

**2339 Ischemic heart disease, n.e.c.**

*Includes:* coronary atherosclerosis; nontraumatic aneurysm of heart wall or coronary vessels

**234\* Diseases of pulmonary circulation**

This nature group classifies acute and chronic pulmonary heart disease, and other diseases of pulmonary circulation. Embolisms resulting from diving are coded in 1733.

**2340 Diseases of pulmonary circulation, unspecified**

**2341 Pulmonary heart disease**

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\*-Asterisks denote a summary level code not assigned to individual cases.

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*Includes:* acute cor pulmonale, primary pulmonary hypertension, kyphoscoliotic heart disease

### **2342 Pulmonary embolism**

*Includes:* pulmonary artery or vein embolism and infarction, with no known traumatic cause

### **2349 Diseases of pulmonary circulation, n.e.c.**

*Includes:* arteriovenous fistula of pulmonary vessels; nontraumatic aneurysm of pulmonary artery

### **235\* Other forms of heart disease**

This nature group classifies heart disease that is not classified in any other nature group in major group 23.

### **2350 Other forms of heart disease, unspecified**

### **2351 Toxic myocarditis**

*Includes:* toxic acute myocarditis

### **2352 Heart failure**

### **2353 Ill-defined descriptions and complications of heart disease**

### **2359 Other forms of heart disease, n.e.c.**

*Includes:* acute pericarditis; acute and subacute endocarditis; nontoxic acute myocarditis; cardiomyopathy; cardiac dysrhythmias; cardiac arrest when that is the only condition identified and no traumatic incident or exposure was evident

### **236\* Cerebrovascular disease**

This nature group classifies subarachnoid, intracerebral, and other unspecified intracranial hemorrhage that are not associated with a traumatic event.

*Excludes:* traumatic intracranial injuries (16\*); traumatic bruises and contusions (143); traumatic cerebral hemorrhage (161)

### **2360 Cerebrovascular disease, unspecified**

\*-Asterisks denote a summary level code not assigned to individual cases.

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*Includes:* nontraumatic cerebral hemorrhage

### **2361 Stroke**

*Includes:* brain attack; cerebrovascular accident—CVA; hemorrhagic stroke; ischemic stroke

### **2362 Transient ischemia attacks**

*Includes:* transient cerebral ischemia, mini-stroke

### **2369 Cerebrovascular disease, n.e.c.**

*Includes:* other acute, ill-defined cerebrovascular diseases; occlusion of cerebral arteries; occlusion and stenosis of precerebral arteries including embolism and thrombosis

### **237\* Diseases of arteries, arterioles, capillaries**

This nature group classifies diseases peculiar to arteries, arterioles, and capillaries.

*Excludes:* traumatic internal injuries to organs and blood vessels of the trunk (194); traumatic intracranial injuries (16\*); traumatic bruises and contusions (143); nontraumatic aneurysm of pulmonary artery (2349); pulmonary embolism (2342); embolisms resulting from diving (1733); venous embolisms (2389); stroke (2361)

### **2370 Diseases of arteries, arterioles, capillaries, unspecified**

### **2371 Raynaud's syndrome or phenomenon**

### **2372 Aneurysm—nontraumatic**

*Includes:* nontraumatic aortic and other aneurysms, except pulmonary; nontraumatic aortic dissection

### **2379 Diseases of arteries, arterioles, capillaries, n.e.c.**

*Includes:* atherosclerosis; nontraumatic arterial embolism and thrombosis; Buerger's disease; Goodpasture's syndrome; other peripheral vascular disease

### **238\* Diseases of the veins, lymphatics**

\*-Asterisks denote a summary level code not assigned to individual cases.

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This nature group classifies diseases of the veins and lymphatics.

*Excludes:* traumatic internal injuries to organs and blood vessels of the trunk (194); traumatic bruises and contusions (143); traumatic intracranial injuries (16\*); pulmonary embolism (2342); embolisms resulting from diving (1733); arterial embolisms (2379)

**2380 Diseases of the veins, lymphatics, unspecified**

**2381 Varicose veins**

**2382 Hemorrhoids**

**2383 Phlebitis, thrombosis**

*Includes:* thrombophlebitis

**2389 Diseases of the veins, lymphatics, n.e.c.**

*Includes:* nontraumatic embolism of veins; noninfectious disorders of lymphatic channels; hypotension; other diseases of the veins and lymphatics not elsewhere classified

**239 Circulatory system diseases, n.e.c.**

This nature group classifies circulatory system diseases that are not classified by any other code in the major group 23.

*Includes:* nontraumatic hemorrhage or rupture of blood vessels, n.e.c.; spontaneous hemorrhage, n.e.c.; peripheral venous insufficiency, n.e.c.

**24\* Respiratory system diseases**

This major group consists of diseases of the respiratory system.

*Includes:* acute and chronic diseases of the upper respiratory tract (241 and 242\*, respectively); pneumonia and influenza (243\*); chronic obstructive pulmonary diseases (244\*); pneumoconioses (245\*); pneumonitis, n.e.c. (2491); chronic bronchiolitis (2449); pneumonopathy, unspecified (240)

**240 Respiratory system diseases, unspecified**

**241 Acute respiratory infections (including common cold)**

\*-Asterisks denote a summary level code not assigned to individual cases.



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This nature group classifies acute respiratory infections.

*Includes:* nasopharyngitis, sinusitis, pharyngitis, tonsillitis, laryngitis and tracheitis, bronchitis and bronchiolitis

*Excludes:* chronic conditions of upper respiratory tract (2422)

### **242\* Other diseases of upper respiratory tract**

This nature group classifies a variety of other upper respiratory tract diseases that are not classified elsewhere.

*Includes:* allergic rhinitis (2421); chronic pharyngitis and nasopharyngitis (2422); chronic sinusitis (2422); chronic diseases of tonsils and adenoids (2422); chronic laryngitis and laryngotracheitis (2422); nasal polyps (2429); peritonsillar abscess (2429)

#### **2420 Other diseases of upper respiratory tract, unspecified**

##### **2421 Allergic rhinitis**

##### **2422 Chronic conditions of upper respiratory tract**

*Includes:* chronic sinusitis, chronic pharyngitis, chronic laryngitis and laryngotracheitis, chronic tonsil conditions, chronic adenoid conditions

##### **2429 Other diseases of upper respiratory tract, n.e.c.**

### **243\* Pneumonia, influenza**

This nature group classifies pneumonia due to viral or bacterial agents (2431); pneumonia due to unspecified organisms (2431); bronchopneumonia (2431); influenza with or without pneumonia (2432); and Legionnaire's disease (2433).

#### **2430 Pneumonia, influenza, unspecified**

##### **2431 Pneumonia**

##### **2432 Influenza—common**

##### **2433 Influenza—novel**

### **244\* Chronic obstructive pulmonary disease and allied conditions**

This nature group classifies chronic obstructive pulmonary disease and allied conditions.

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\*-Asterisks denote a summary level code not assigned to individual cases.

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*Includes:* bronchiectasis (2449); chronic bronchitis (2441); chronic bronchiolitis (2449); emphysema (2442); extrinsic asthma (2443); crab asthma (2443); allergic asthma (2443); nonallergic asthma (2449); extrinsic allergic alveolitis (2444); intrinsic asthma (2449); late-onset asthma when unknown whether intrinsic or extrinsic (2440); occupational asthma, unspecified (2443)

*Excludes:* asthma attacks from short-term exposure to toxic, noxious, or allergenic substances (1963); cotton-dust asthma (2454); stripper's asthma (2454); miner's asthma (2451); acute respiratory conditions

### **2440 Chronic obstructive pulmonary disease and allied conditions, unspecified**

### **2441 Chronic bronchitis**

*Includes:* bronchitis not specified as acute or chronic

*Excludes:* acute bronchitis (241)

### **2442 Emphysema**

### **2443 Asthma, except intrinsic**

*Includes:* chronic extrinsic asthma; allergic asthma due to long-term exposures; crab asthma; occupational asthma, unspecified

*Excludes:* asthma attack or exacerbation from short-term exposure to toxic, noxious, or allergenic substance (1963)

### **2444 Extrinsic allergic alveolitis and hypersensitivity pneumonitis**

*Includes:* farmer's lung

### **2449 Chronic obstructive pulmonary diseases and allied conditions, n.e.c.**

*Includes:* intrinsic asthma; exercise-induced asthma; nonallergic asthma due to long-term exposure; bronchiectasis; chronic bronchiolitis

### **245\* Pneumoconioses**

\*-Asterisks denote a summary level code not assigned to individual cases.

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This group is comprised of conditions characterized by permanent deposition of substantial amounts of particulate matter in the lungs, and by the tissue reaction to its presence. Particulate matter includes inorganic as well as organic dusts.

*Includes:* black lung (2451); asbestosis (2452); silicosis (2453); bauxite fibrosis (2459); graphic fibrosis (2459); stannosis (2459); anthracosilicosis (2451); silicotic fibrosis (2453); brown lung (2454); cotton-dust asthma (2454); cotton-mill fever (2454); byssinosis (2454); strippers' asthma (2454); Monday fever (2450); metal fume fever (2459)

*Excludes:* mesothelioma (4161), lung cancer (419)

### **2450 Pneumoconioses, unspecified**

#### **2451 Coal workers' pneumoconiosis**

*Includes:* anthracosis, black lung, miner's asthma, anthracosilicosis

#### **2452 Asbestosis**

#### **2453 Silicosis, talcosis**

#### **2454 Byssinosis, mill fever**

#### **2455 Aluminosis**

#### **2456 Berylliosis**

#### **2457 Siderosis**

#### **2458 Pneumoconiosis with tuberculosis**

#### **2459 Pneumoconioses, n.e.c.**

### **249\* Other respiratory system diseases**

This nature group classifies other respiratory system diseases that are not classified elsewhere. It includes pulmonary conditions due to radiation poisoning.

*Includes:* atelectasis or collapsed lung (2494), empyema (2499), humidifier fever (2491), other forms of pneumonitis (2491), pleurisy (2499), pulmonary edema (2492), pulmonary fibrosis (2493), spontaneous pneumothorax (2499)

*Excludes:* collapsed lung resulting from traumatic injuries

#### **2490 Other respiratory system diseases, unspecified**

\*-Asterisks denote a summary level code not assigned to individual cases.

- 2491 **Pneumonitis, n.e.c.**
- 2492 **Pulmonary edema**
- 2493 **Pulmonary fibrosis, n.e.c.**
- 2494 **Atelectasis, collapsed lung**
- 2499 **Other respiratory system diseases, n.e.c.**

**25\* Digestive system diseases and disorders**

This major group classifies diseases of the digestive system.

*Includes:* diseases of the oral cavity, salivary glands, and jaws (251); diseases of the esophagus, stomach, and duodenum (252); hernias involving the digestive system (253); noninfectious enteritis and colitis (254); toxic hepatitis (256); other disease of the liver and pancreas (259)

*Excludes:* traumatic hernias (124); infectious and viral hepatitis (325\*)

**250 Digestive system diseases and disorders, unspecified**

**251 Diseases of oral cavity, salivary glands, and jaws**

This nature group classifies diseases of the teeth, bone support and surrounding tissues, jaws, salivary glands, lips, and tongue.

**252 Diseases of esophagus, stomach, and duodenum**

This nature group classifies inflammation and other diseases and disorders of the esophagus, stomach and duodenum.

*Includes:* duodenal ulcer, duodenitis, gastric ulcer, gastritis, gastrojejunal ulcer, peptic ulcer

*Excludes:* nontraumatic hernias (253)

**253 Hernia—nontraumatic**

This nature group classifies hernias involving the digestive organs that resulted from repetitive exertions, such as lifting, pushing, pulling.

*Includes:* abdominal, diaphragmatic, esophageal, femoral, hiatal, inguinal, paraesophageal, scrotal, umbilical, and ventral hernias resulting from repetitive exertions; ruptured and strangulated hernias resulting from repetitive exertions

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\*-Asterisks denote a summary level code not assigned to individual cases.

*Excludes:* hernias resulting from a single episode of lifting or straining (124); herniated disc (1211); herniated brain (2239); strangulations (191); bladder prolapse (269); synovial and birkett's hernia (2735)

### **254 Noninfectious enteritis and colitis (including ileitis)**

This nature group classifies noninfectious inflammations of the ileum, colon, and small intestines; and acute vascular insufficiency of the intestines.

### **255 Other diseases of intestines and peritoneum**

This nature group classifies other diseases of the intestines or peritoneum such as intestinal diverticulum and abscess, and peritonitis.

### **256 Toxic hepatitis—noninfective**

This nature group classifies non-infective hepatitis due to toxic agents.

*Excludes:* infectious and viral hepatitis (325\*)

### **259 Digestive system diseases and disorders, n.e.c.**

This nature group classifies other diseases of the digestive system, n.e.c.

*Includes:* cirrhosis of the liver and pancreatitis; liver failure

## **26\* Genitourinary system diseases and disorders**

This major group classifies diseases and disorders of the genitourinary system.

*Includes:* nephritis (2611); nephrotic syndrome (2612); nephrosis (2613); diseases and disorders of the genital tract (263\*); other diseases of the urinary system (262); bladder prolapse (269)

### **260 Genitourinary system diseases and disorders, unspecified**

### **261\* Nephritis, nephrotic syndrome, and nephrosis**

This nature group classifies acute and chronic glomerulonephritis, a nonsuppurative inflammatory kidney disease.

*Excludes:* hydronephrosis (262)

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\*-Asterisks denote a summary level code not assigned to individual cases.

**2610 Nephritis, nephrotic syndrome, and nephrosis, unspecified**

**2611 Nephritis**

**2612 Nephrotic syndrome**

**2613 Nephrosis**

**262 Other diseases of urinary system**

This nature group classifies inflammation and other disorders of the urinary bladder.

*Includes:* cystitis, hydronephrosis, renal failure, urethral stricture, urethritis, kidney stone

**263\* Diseases and disorders of the genital tract**

This nature group classifies noninfective and nonparasitic diseases and disorders of the genital tract.

**2630 Diseases and disorders of the genital tract, unspecified**

**2631 Infertility**

**2632 Spontaneous abortion, miscarriage**

**2639 Diseases and disorders of the genital tract, n.e.c.**

**264 Disorders of breast**

This nature group classifies disorders of the breast.

*Includes:* abscess, benign mammary dysplasia, mastitis of the breast

*Excludes:* breast cancer (419)

**269 Genitourinary system diseases and disorders, n.e.c.**

*Includes:* bladder prolapse

**27\* Musculoskeletal system and connective tissue diseases and disorders**

This major group classifies diseases of the musculoskeletal system and connective tissue. Incidents in this major group are the result of repetitive activities over a period of time, and exclude those resulting from traumatic injuries.

*Includes:* arthropathies (271); dorsopathies (272\*); rheumatism, except affecting the back (273\*); pathological or spontaneous fracture (2749); rheumatism affecting the back (2729); osteopathies, chondropathies, and acquired musculoskeletal deformities (274\*);

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\*-Asterisks denote a summary level code not assigned to individual cases.

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soft tissue disorders, except those affecting the back (273\*); trigger finger (2732)

*Excludes:* cartilage fractures and tears (122\*); sprains, strains, and major tears (123\*); traumatic injuries to muscles, tendons, ligaments, and joints (12\*); carpal tunnel syndrome (2241)

### **270 Musculoskeletal system and connective tissue diseases and disorders, unspecified**

#### **271 Arthropathies and related disorders (arthritis)**

This nature group classifies joint diseases and related disorders with or without association with infections.

*Includes:* ankylosis of the joint, arthritis, arthropathy, polyarthritis

*Excludes:* disorders of the spine (272\*), gouty arthropathy (2919), rheumatic fever with heart involvement (231)

#### **272\* Dorsopathies**

This nature group classifies conditions affecting the back and spine, except for those resulting from traumatic injuries.

*Excludes:* dislocated disc (1211); curvature of the spine (2741); fractured spine (111); herniated disc (1211); ruptured disc (1211); traumatic sprains and strains involving the back (123\*); other traumatic injuries to muscles, tendons, ligaments, or joints of the back (12\*); traumatic back pain, backache, or back spasms (1972)

#### **2720 Dorsopathies, unspecified**

#### **2721 Sciatica**

#### **2722 Lumbago**

*Includes:* low back pain, except traumatic

#### **2723 Disc disorders, except dislocation**

#### **2729 Dorsopathies, n.e.c.**

*Includes:* spondylitis and spondylosis of the spine; other nontraumatic backaches; pinched nerves in the neck

\*-Asterisks denote a summary level code not assigned to individual cases.

or cervical vertebrae; rheumatism affecting the back; nontraumatic back spasms

**273\* Soft tissue disorders, except the back**

This nature group classifies disorders, such as bursitis and tendonitis, marked by inflammation, degeneration, or metabolic derangement of the connective tissue structure of the body, especially the joints and related structures of muscles, bursae, tendons, and fibrous tissue. These codes should be used when the condition occurred over time as a result of repetitive activity. Cases involving the upper extremities described merely as cumulative or repetitive trauma disorders should be coded in 2730.

*Excludes:* carpal tunnel syndrome (2241); rotator cuff strains (1233); rotator cuff tears (1231); rheumatism and soft tissue disorders affecting the back (272\*); traumatic injuries and disorders affecting the muscles, tendons, ligaments and joints (12\*); muscle spasms or tremors that affect the entire body and no other specific diagnosis is mentioned (5121); traumatic spasms (1972); nontraumatic back spasms (2729); inflammation resulting from traumatic events with no specific diagnosis (1973)

**2730 Soft tissue disorders, except the back, unspecified**

*Includes:* unspecified repetitive motion disorders; hand-arm vibration syndrome

**2731 Bursitis**

*Includes:* carpet layer's knee, housemaid's knee, prepatellar bursitis

**2732 Stenosing tenosynovitis**

*Includes:* trigger finger; deQuervain's syndrome, disease, or tenosynovitis; styloid tenosynovitis

**2733 Other tenosynovitis, synovitis**

*Includes:* unspecified tenosynovitis and synovitis

**2734 Epicondylitis**

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\*-Asterisks denote a summary level code not assigned to individual cases.



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*Includes:* tennis elbow; golfer's elbow; epicondylitis—medial or lateral

**2735 Other or unspecified tendonitis (tendinitis)**

*Includes:* synovial and Birkett's hernia

**2736 Ganglion or cystic tumor**

**2738 Multiple soft tissue disorders**

**2739 Soft tissue disorders, except the back, n.e.c.**

*Includes:* rotator cuff syndrome; rupture of synovium; nontraumatic spasms affecting a specific part of the body other than the back; heel spurs; plantar fasciitis; planter fibromatosis; rheumatism not affecting the back; myositis

**274\* Osteopathies, chondropathies, and acquired deformities**

This group is comprised of diseases of bones, diseases of cartilage, and acquired musculoskeletal deformities.

*Includes:* osteomyelitis, periostitis, and other infections involving bone (2749); acquired curvature of the spine (2741)

**2740 Osteopathies, chondropathies, and acquired deformities, unspecified**

**2741 Curvature of spine**

**2749 Osteopathies, chondropathies, and acquired deformities, n.e.c.**

**279 Musculoskeletal system and connective tissue diseases and disorders, n.e.c.**

This nature group classifies musculoskeletal system and connective tissue diseases and disorders that are not classified elsewhere.

**28\* Disorders of the skin and subcutaneous tissue**

This major group classifies diseases and disorders of the skin and subcutaneous tissue.

*Includes:* boils, furunculosis, lymphadenitis, and other infections of skin and underlying tissue; dermatitis from long-term exposures; other inflammatory conditions of the skin; diseases of sebaceous glands;

\*-Asterisks denote a summary level code not assigned to individual cases.

other disorders of the skin and subcutaneous tissue

**280 Disorders of the skin and subcutaneous tissue, unspecified**

**281\* Infections of the skin and subcutaneous tissue**

This nature group classifies local infections of the skin and underlying tissue and of the lymph glands and nodes.

*Includes:* boils (2819); cellulitis (2811); impetigo (2812); acute lymphadenitis (2819); methicillin resistant staphylococcus aureus-MSRA (2813); other staphylococcus infection (2814); other unspecified streptococcus infections (2815); carbuncle and furuncle (2811); pyoderma (2819); pilonidal cyst (2819)

*Excludes:* herpes simplex (3235); herpes zoster, shingles (3234); viral warts (3299)

**2810 Infections of the skin and subcutaneous tissue, unspecified**

**2811 Cellulitis and abscess**

**2812 Impetigo**

**2813 Methicillin-resistant staphylococcus aureus (MRSA) infection**

**2814 Other staphylococcus skin infection**

**2815 Other or unspecified streptococcus skin infection**

**2819 Infections of the skin and subcutaneous tissue, n.e.c.**

**282 Dermatitis resulting from long-term exposures**

This nature group classifies dermatitis, or inflammation of the skin, that result from long-term exposures. Eczema is coded in this category unless specified as acute. Dermatitis resulting from short-term exposures is coded in 195.

*Excludes:* dermatitis from short-term exposure (195\*); sunburn—first degree or degree unknown (1591); effects of venomous bites and stings (195\*); lice (391); scabies, chiggers, and mites (392); hives (1953); cellulitis (2811); chemical burns (151\*); allergic reactions not affecting the skin; conditions of the eye; dermatoses (2899); neurodermatitis (2899); perioral dermatitis (2899); pruritis (2899); food poisoning (36\*); heat rash and prickly heat (2893)

**283\* Diseases of sebaceous glands**

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\*-Asterisks denote a summary level code not assigned to individual cases.

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This nature group classifies diseases of the sebaceous glands.

*Includes:* acne varioliformis and other forms of acne (2831); keratin cyst (2832); wen (2832); asteatosis cutis (2839); xerosis cutis (2839)

**2830 Diseases of sebaceous glands, unspecified**

**2831 Acne**

**2832 Sebaceous cyst**

**2839 Diseases of sebaceous glands, n.e.c.**

**289\* Other diseases and disorders of the skin and subcutaneous tissue**

This nature group classifies other diseases or disorders of the skin and underlying tissue: hypertrophic and atrophic conditions of the skin; diseases of the nail, hair, and hair follicles; disorders of the sweat glands. Corns and calluses, ingrown nails, prickly heat, and heat rash are included in this group.

*Excludes:* traumatic disorders affecting the skin (Division 1); blisters (142); bruises and contusions (143); burns (15\*); effects of environmental conditions (17\*); friction burns, first degree or degree unknown (1591); lacerations (132); puncture wounds (133); hives and urticaria (1953)

**2890 Other diseases and disorders of the skin and subcutaneous tissue, unspecified**

**2891 Corns and calluses**

*Includes:* callosities

**2892 Ingrown nails and other nail diseases**

**2893 Prickly heat, heat rash, and other disorders of sweat glands**

*Includes:* miliaria rubra

**2894 Chronic skin ulcers**

**2899 Other diseases and disorders of the skin and subcutaneous tissue, n.e.c.**

*Includes:* bumps on skin; dermatoses; neurodermatitis; perioral dermatitis; pruritis; rosacea; psoriasis;

\*-Asterisks denote a summary level code not assigned to individual cases.

disorders of the hair and hair follicles; folliculitis;  
erythematosquamous dermatosis

**29\***    **Other systemic diseases and disorders**

This major group classifies systemic diseases or disorders not elsewhere classified. Included in this group are endocrine, nutritional, metabolic, and immunity disorders and unspecified cumulative trauma disorders

**290**    **Other systemic diseases and disorders, unspecified**

**291\***    **Endocrine, nutritional, metabolic, and immunity disorders**

This nature group classifies diseases and disorders of the endocrine glands, nutritional deficiencies, and other metabolic and immunity disorders.

*Excludes:*        AIDS (3211), HIV infection (321\*)

**2910**    **Endocrine, nutritional, metabolic, and immunity disorders, unspecified**

**2911**    **Diseases and disorders of thyroid gland**

*Includes:*        toxic and nontoxic goiter; thyroiditis

**2912**    **Diseases and disorders of other endocrine glands**

This code classifies disorders of the pancreas; disorders of the parathyroid, pituitary, thymus, and adrenal glands, and other endocrine disorders.

*Includes:*        diabetes; ovarian and testicular dysfunction

**2919**    **Endocrine, nutritional, metabolic, and immunity disorders, n.e.c.**

This code classifies endocrine, nutritional, metabolic, and immunity disorders that are not classified by any other code within nature group 291.

*Includes:*        cystic fibrosis; vitamin or mineral deficiencies;  
amino acid, carbohydrate, and other nutrient  
transport disorders; gout; gouty arthropathy;  
disorders involving the immune mechanism;

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\*-Asterisks denote a summary level code not assigned to individual cases.

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dehydration in the absence of an environmental cause

**299 Other systemic diseases and disorders, n.e.c.**

This nature group classifies systemic diseases and disorders that are not classified under any other group in this division.

\*-Asterisks denote a summary level code not assigned to individual cases.

### **3\* INFECTIOUS AND PARASITIC DISEASES**

This division classifies five types of infections: bacterial, viral, rickettsial, fungal, and parasitic infections. These infectious agents are transmitted to a person through inhalation, ingestion, or contact with the skin. These diseases are generally recognized as communicable or transmissible, with a few of unknown but possibly infectious origin.

*Excludes:* inflammatory diseases of the central nervous system due to viral, bacterial, fungal and other organisms (221); pneumonia and influenza due to viral and bacterial agents (243\*); bacterial infections that are sequelae or complications of open wounds (13\*); localized skin infections classified in 281\*

#### **30 Infectious and parasitic diseases, unspecified**

##### **31\* Bacterial diseases**

This major group classifies certain diseases caused by bacterial agents. Arthropod-borne diseases, such as typhus and Lyme disease, are classified in major group 33.

*Includes:* diagnosed tuberculosis (311), zoonotic bacterial diseases (312\*), anthrax (3121), spirochetal diseases (314\*), actinomycotic infections (319\*)

*Excludes:* infectious bacterial diseases specific to the intestines (36\*), localized skin infections (281\*), rickettsial diseases (331\*), typhus (331\*), Lyme disease (333)

##### **310 Bacterial diseases, unspecified**

##### **311 Tuberculosis**

This nature group classifies infectious diseases caused by species of mycobacterium and are characterized by the formation of tubercles and caseous necrosis in the tissues, particularly of the lungs. In order to be categorized here, the person must have received an actual diagnosis of tuberculosis. Cases with positive reactions to the tuberculin skin test only are coded in 5261. Anxiety over being exposed to the disease is coded in 6213. Exposures with no other manifestations are coded 7.

##### **312\* Zoonotic bacterial diseases**

This nature group classifies certain bacterial diseases that are transmissible

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\*-Asterisks denote a summary level code not assigned to individual cases.

from animals to man under natural conditions.

*Includes:* anthrax (3121); brucellosis (3122); ornithosis, including parrot fever and psittacosis (3123); bubonic plague (3129); pneumonic plague (3129); deerfly fever (3129); rabbit fever (3129); undulant fever (3122); plague (3129); tularemia (3129); glanders (3129); rat-bite fever (3129)

*Excludes:* arthropod-borne diseases (324\* and 33\*), certain parasitic diseases (35, 36\*, 39\*)

**3120 Zoonotic bacterial diseases, unspecified**

**3121 Anthrax**

**3122 Brucellosis**

**3123 Ornithosis (including parrot fever, psittacosis)**

**3129 Zoonotic bacterial diseases, n.e.c.**

**313 Syphilis and other venereal diseases**

This nature group classifies subacute to chronic infectious venereal diseases caused by bacterial organisms. This category includes syphilis, gonorrhea, and Chlamydia. HIV and AIDS are coded in 321\*. Herpes is coded in 323\*.

**314\* Other spirochetal diseases**

This nature group classifies infectious diseases caused by a spiral bacterium or spirochete.

*Includes:* leptospirosis (3141); Weil's disease (3141); Fort Bragg fever (3141); swamp fever (3141); Vincent's angina, yaws, and pinta (3149)

*Excludes:* Lyme disease (333)

**3140 Other spirochetal diseases, unspecified**

**3141 Leptospirosis**

**3149 Other spirochetal diseases, n.e.c.**

**319\* Other bacterial diseases**

This nature group classifies infectious diseases caused by other bacteria and mycobacteria. Pertussis is classified in 3192. It excludes bacterial infections that are sequelae or complications of open wounds as well as

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\*-Asterisks denote a summary level code not assigned to individual cases.

localized skin infections classified in 281\*.

- 3190 Other bacterial diseases, unspecified**
- 3191 Leprosy**
- 3192 Diphtheria, whooping cough**
- 3193 Streptococcal sore throat and scarlatina**
- 3194 Methicillin-resistant infection, other than skin**
- 3195 Meningococcal infection**
- 3196 Tetanus**
- 3197 Septicemia**
  
- 3199 Other bacterial diseases, n.e.c**

*Includes:* erysipelas and actinomycotic infections

**32\* Viral diseases**

This major group classifies diseases which are caused by viral agents. Unlike bacteria, viruses lack independent metabolism and replicate only within living host cells.

*Excludes:* infectious diseases specific to the intestines

**320 Viral diseases, unspecified**

**321\* Human immunodeficiency virus (HIV) infection**

This nature group classifies diseases caused by the human immunodeficiency virus. It excludes cases in which the person was exposed to HIV, but has not tested positive. Anxiety over being exposed to the disease is coded in 6213, and exposures with negative test results and no symptoms or other manifestations are coded in 7. Code 3211, Acquired immune deficiency syndrome (AIDS), is to be used only when there is a diagnosis of AIDS. HIV infection without the diagnosis of AIDS, AIDS-like syndrome, or ARC are coded 3219.

- 3210 Human immunodeficiency virus (HIV) infection, unspecified**
- 3211 Acquired immune deficiency syndrome (AIDS)**
- 3212 AIDS-like syndrome, AIDS-related complex (ARC)**
- 3219 Human immunodeficiency virus (HIV) infection, n.e.c.**

**322\* Non-arthropod-borne viral diseases of the central nervous system**

This nature group classifies viral diseases not associated with transmittal

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\*-Asterisks denote a summary level code not assigned to individual cases.



of viruses from arthropods—fleas, ticks, lice, mosquitoes, etc.

*Includes:* viral meningitis, except for arthropod-borne;  
viral encephalitis, except for arthropod-borne;  
acute poliomyelitis

*Excludes:* meningitis due to arthropod-borne virus (3249), meningitis due to leptospira (3141), arthropod-borne viral encephalitis (3243), arthropod-borne viral diseases (324\*)

**3220 Non-arthropod-borne viral diseases of the central nervous system, unspecified**

**3221 Meningitis due to enterovirus**

**3229 Non-arthropod-borne viral diseases of the central nervous system, n.e.c.**

*Includes:* meningitis due to other non-arthropod-borne viruses; viral encephalitis, except arthropod-borne; acute poliomyelitis

**323\* Viral diseases accompanied by exanthem (eruptive fever)**

This nature group classifies viral diseases characterized by fever and skin eruptions or rashes. Shingles is coded 3234. Code 3235 includes both oral and genital herpes—either HSV-1 or HSV-2. Cases in which the worker was only exposed to the disease but did not come down with the disease are coded in 7.

**3230 Viral diseases accompanied by exanthem (eruptive fever), unspecified**

**3231 Smallpox**

**3232 Cowpox and paravaccinia**

**3233 Chickenpox, varicella**

**3234 Herpes zoster, shingles**

**3235 Herpes simplex**

**3236 Measles**

**3237 Rubella, German measles**

**3239 Viral diseases accompanied by exanthem (eruptive fever), n.e.c.**

**324\* Arthropod-borne viral diseases**

This nature group classifies viral diseases transmitted by arthropods, such

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\*-Asterisks denote a summary level code not assigned to individual cases.

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as fleas, ticks, lice, and mosquitoes. Also included in this group are viral diseases transmitted by arachnids. Non-viral arthropod-borne diseases are classified in 33\*.

**3240 Arthropod-borne viral diseases, unspecified**

**3241 Yellow fever**

**3242 Dengue**

**3243 Viral encephalitis**

**3244 Hemorrhagic fever**

**3245 West Nile virus**

**3249 Arthropod-borne viral diseases, n.e.c.**

**325\* Viral hepatitis**

This group is comprised of hepatitis conditions due to viruses. Included in this group are infectious and serum hepatitis with, or without mention of hepatic coma.

*Excludes:* noninfective toxic hepatitis (256)

**3250 Viral hepatitis, unspecified**

**3251 Type A viral hepatitis (infectious hepatitis)**

**3252 Type B viral hepatitis (serum hepatitis)**

**3253 Type C viral hepatitis**

**3254 Type E viral hepatitis**

**3259 Viral hepatitis, n.e.c.**

**326\* Viral diseases of the conjunctiva**

This nature group classifies diseases of the conjunctiva due to viruses.

*Excludes:* non-viral disorders of the conjunctiva (225\*)—If the source document only specifies conjunctivitis, select code 2251

**3260 Viral diseases of the conjunctiva, unspecified**

**3261 Viral conjunctivitis (ophthalmia)**

**3269 Viral diseases of the conjunctiva, n.e.c.**

**329\* Other diseases due to viruses**

This nature group classifies other diseases due to viruses.

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\*-Asterisks denote a summary level code not assigned to individual cases.

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*Includes:* viral warts (3299), sweating fever (3299), miliary fever (3299), cytomegalovirus (3299), cat scratch disease (3299)

*Excludes:* hepatitis conditions due to viruses (325\*), diseases of the conjunctiva due to viruses (326\*)

**3290 Other diseases due to viruses, unspecified**

**3291 Rabies**

**3292 Mumps**

**3293 Infectious mononucleosis**

**3294 Foot and mouth disease**

**3299 Other diseases due to viruses, n.e.c.**

**33\* Other arthropod-borne diseases**

This major group classifies diseases from bacterial microbes associated with and transmitted to humans primarily through bloodsucking arthropods, such as fleas, ticks, lice, and mosquitoes.

*Excludes:* arthropod-borne viral diseases (324\*)

**330 Other arthropod-borne diseases, unspecified**

**331\* Rickettsioses diseases**

This nature group classifies diseases due to Rickettsiae bacteria.

*Includes:* Q fever (3311); spotted fevers (3312); tick typhus (3312); tick-borne rickettsioses (3312); louse- and flea-borne typhus (3319); Brill-Zinsser disease (3319); trench fever (3319); scrub fever

*Excludes:* typhoid fever (362)

**3310 Rickettsioses diseases, unspecified**

**3311 Q fever**

**3312 Spotted fevers and tick typhus**

**3319 Rickettsioses diseases, n.e.c.**

**332 Malaria**

This nature group classifies the various forms of malaria which is usually transmitted by the bites of infected anopheline mosquitoes.

**333 Lyme disease**

\*-Asterisks denote a summary level code not assigned to individual cases.

This nature group classifies recurrent multi-systemic disorders due to a tick-transmitted spirochete.

### **339 Other arthropod-borne diseases, n.e.c.**

This nature group classifies other arthropod-borne disease that are not classified elsewhere.

*Includes:* leishmaniasis, Chagas' disease, sleeping sickness, bartonellosis, Carrion's disease, oroya fever, verruga peruana, relapsing fever

### **34\* Mycoses (fungal infections)**

This major group classifies diseases caused by various types of fungi growing in or on the human host.

*Includes:* dermatophytosis (341), candidiasis (349), coccidioidomycosis (342), histoplasmosis (349)

*Excludes:* actinomycotic infections (319\*)

### **340 Mycoses, unspecified**

### **341 Dermatophytosis (including athlete's foot, tinea)**

This nature group classifies superficial fungal infections characterized by the formation of small vesicles with cracking and scaling, primarily affecting the skin, hair, and nails. Ringworm, athlete's foot, and tinea are included in this category.

### **342 Coccidioidomycosis**

This nature group classifies diseases caused by infection with the *Coccidioides immitis* fungus.

### **349 Mycoses, n.e.c.**

This nature group classifies mycotic infections that are not elsewhere classified.

*Includes:* candidiasis, blastomycotic infection, histoplasmosis, alloschleriosis, aspergillosis, chromoblastomycosis, cryptococcosis, mycotic mycetoma,

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\*-Asterisks denote a summary level code not assigned to individual cases.

paracoccidioidomycosis, rhinosporidiosis, sporotichosis, zygomycosis

**35 Helminthiases (worm infections)**

This major group classifies diseases that are caused by parasitic worms. Included in this category are fluke, tapeworm, trichinosis, intestinal parasites, and ascariasis infection.

*Includes:* anisakiasis, bilharziasis, capillariasis, dracontiasis, enterobiasis, filarial infection, necatoriasis, schistosomiasis, strongyloidiasis, trichostrongyliodiasis, trichuriasis

**36\* Infectious diseases peculiar to the intestines**

This major group classifies infectious diseases peculiar to the intestines caused by bacterial and parasitic agents. Unspecified food poisoning is included in 360.

*Excludes:* helminthiases diseases (35), intestinal parasites (35), parasitic worms (35), allergic reactions to food (196\*)

**360 Infectious diseases peculiar to the intestines, unspecified**

**361 Cholera**

This nature group classifies acute infection of the intestine caused by vibrio cholera, a potent enterotoxin.

**362 Typhoid and paratyphoid fevers**

This nature group classifies acute infectious diseases caused by Salmonella typhi or paratyphi bacterium. Other salmonella infections are classified in 363.

**363 Other salmonella infections**

This nature group classifies other infections or food poisoning by salmonella bacteria. It excludes diseases caused by salmonella typhi.

**364 Other bacterial food poisoning (including botulism and staphylococcal food poisoning)**

This nature group classifies other types of bacterial food poisonings, including those caused by botulism, staphylococcal bacteria, Escherichia coli (E-coli), or other bacteria, not elsewhere classified.

\*-Asterisks denote a summary level code not assigned to individual cases.

## NATURE

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*Excludes:* salmonella-caused food poisoning (363); toxic effects of food contaminants (196\*); allergic reactions to food (196\*); norovirus (369); Norwalk-like virus (369)

### **365 Colitis**

This nature group classifies infectious colitis of other or unspecified origin.

### **366 Dysentery**

This nature group classifies various types of dysentery, including bacillary, amoebic, and unspecified dysentery.

### **369 Infectious diseases peculiar to the intestines, n.e.c.**

This nature group classifies other infectious diseases peculiar to the intestines that are not classified elsewhere.

*Includes:* balantidiasis; coccidiosis; giardiasis; infectious enteritis and gastroenteritis; shigellosis, except dysentery; amebiasis, except dysentery; norovirus (369); Norwalk-like virus (369)

### **39\* Other infectious and parasitic diseases**

This major group classifies other infections and parasitic diseases that are not specific to the intestines. Infections by protozoa that are not elsewhere classified are coded in 399.

*Excludes:* infections specific to the intestines (36\*)

### **390 Other infectious and parasitic diseases, unspecified**

### **391 Pediculosis and phthirus infestation (lice)**

This nature group classifies skin diseases due to infection by lice.

### **392 Scabies and other acariases**

This nature group classifies conditions, usually a dermatitis, caused by acarids or mites, including scabies and chiggers.

### **393 Other infestations (including maggots, leeches, jigger disease)**

\*-Asterisks denote a summary level code not assigned to individual cases.

## NATURE

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This nature group classifies other infestations due to maggots or insect larvae (myiasis), leeches (hirudiniasis), and fleas (jigger disease).

### **399 Other infectious and parasitic diseases, n.e.c.**

This nature group classifies other specified infectious and parasitic diseases not elsewhere classified.

*Includes:* toxoplasmosis, trichomoniasis, sarcoidosis, ainhum, Behcet's syndrome, pneumocystosis, psorospermiasis, sarcosporidiosis; protozoa infections, n.e.c.

\*-Asterisks denote a summary level code not assigned to individual cases.

### **4\* NEOPLASMS, TUMORS, AND CANCERS**

This division classifies diseases or conditions related to tumors, or neoplasms: the new growth of tissue in which the multiplication of cells is uncontrolled and progressive. The behavior of tumors or neoplasms may be benign, cancerous, or of uncertain behavior at the time of diagnosis.

#### **41\* Malignant neoplasms and tumors (cancers, carcinomas, sarcomas)**

This major group classifies cancers. Categories are grouped by location or site. Malignant neoplasms, or tumors, are divided into two broad categories of carcinoma and sarcoma; both are included in this major group. In general, the site of the original malignant neoplasm should govern the code that is assigned.

#### **410 Malignant neoplasms and tumors (cancers, carcinomas, sarcomas), unspecified**

#### **411 Malignant neoplasms and tumors of bone and articular cartilage**

This nature group includes cancers of the bone and articular cartilage.

*Includes:* malignant neoplasms of the periosteum, covering of bones

*Excludes:* malignant neoplasm of hematopoietic tissue (413\*); cancer of blood vessel, bursa, fascia, fat, ligament, muscle, nerves and ganglia, synova, tendon, or tendon sheath (4169)

#### **412\* Malignant neoplasms and tumors of the skin**

This nature group classifies melanocarcinoma, squamous, basal cell, and multiple malignant neoplasms and tumors of the skin.

*Includes:* malignant neoplasms and tumors of sebaceous glands, sudoriferous and sudoriparous glands or sweat glands

#### **4120 Malignant neoplasms and tumors of the skin, unspecified**

#### **4121 Melanoma of the skin (melanocarcinoma)**

#### **4122 Non-melanoma skin cancer (squamous and basal cell)**

#### **4128 Multiple malignant neoplasms and tumors of the skin**

#### **413\* Malignant neoplasms and tumors of lymphatic and hematopoietic tissue**

This nature group classifies cancers of the lymphatic and hematopoietic

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\*-Asterisks denote a summary level code not assigned to individual cases.



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tissue.

**4130 Malignant neoplasms and tumors of lymphatic and hematopoietic tissue, unspecified**

**4131 Lymphosarcoma and reticulosarcoma (lymphoma)**

*Includes:* reticulum cell sarcoma

**4132 Hodgkin's disease**

*Includes:* nodular sclerosis

**4133 Multiple myeloma**

*Includes:* Kahler's disease, myelomatosis

**4134 Leukemias**

*Includes:* lymphoid, myeloid, or monocytic leukemia; DiGuglielmo's and disease; erythremic myelosis; Heilmeyer-Schoner disease

**4138 Multiple malignant neoplasms and tumors of lymphatic and hematopoietic tissue**

**4139 Malignant neoplasms and tumors of lymphatic and hematopoietic tissue, n.e.c.**

**414 Malignant neoplasms of digestive organs (esophagus, stomach, liver, intestines)**

**415 Malignant neoplasms of respiratory and intrathoracic (larynx, lung, sinuses, trachea)**

**416\* Malignant neoplasms of mesothelial and soft tissue**

**4161 Mesothelioma**

**4169 Malignant neoplasms of mesothelial and soft tissue, n.e.c.**

**419 Malignant neoplasms and tumors of other sites**

This nature group classifies malignant neoplasms and tumors located in other sites not included in any of the previous nature groups of this division.

\*-Asterisks denote a summary level code not assigned to individual cases.

*Includes:* malignant neoplasms and tumors of the breast, genitourinary organs, brain, eyeball, endocrine glands, oral cavity, pharynx

**42\* Benign neoplasms and tumors**

This major group classifies non-cancerous neoplasms and tumors of the bone, connective tissue, the skin, and internal organs. This includes fibromas and fibromatoses.

**420 Benign neoplasms and tumors, unspecified**

**421\* Benign neoplasms of bone, connective tissue, and skin**

This nature group classifies lipomas and other benign tumors of the bone, connective and soft tissue, and of the skin.

*Includes:* benign neoplasms of the periosteum or covering of bones (4211); benign neoplasm of blood vessel, bursa, fascia, fat, ligament, muscle, nerves and ganglia, synova, tendon, and tendon sheath (4219)

*Excludes:* benign neoplasm of hematopoietic tissue (429\*); plantar fibromatosis (2739)

**4210 Benign neoplasms of bone, connective tissue, and skin, unspecified**

**4211 Benign neoplasms of bone and articular cartilage**

**4212 Lipoma (fatty tumor)**

**4213 Benign neoplasms of the skin**

**4218 Multiple benign neoplasms of bone, connective tissue, and skin**

**4219 Benign neoplasms of bone, connective tissue, and skin, n.e.c.**

**429\* Benign neoplasms and tumors of other sites**

This group includes benign neoplasms and tumors located at sites other than those named in this major group.

*Includes:* benign neoplasms and tumors of the digestive organs and peritoneum; respiratory and intrathoracic organs; breast; genitourinary organs; brain; eyeball; endocrine glands; oral cavity pharynx; hematopoietic tissue

**4290 Benign neoplasms and tumors of other sites, unspecified**

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\*-Asterisks denote a summary level code not assigned to individual cases.

- 4291 Hemangioma and lymphangioma—any site**
- 4298 Multiple benign neoplasms and tumors of other sites**
- 4299 Benign neoplasms and tumors of other sites, n.e.c.**

**43\* Neoplasms and tumors of unknown properties**

This major group classifies neoplasms and tumors of unknown properties, uncertain behavior, unspecified nature, or unspecified morphology.

*Includes:* "growth", tumor, "new growth", histiocytic cells and mast cells, and neurofibromatosis

**430 Neoplasms and tumors of unknown properties, unspecified**

**431 Bone, articular cartilage neoplasms and tumors of unknown properties**

This nature group classifies neoplasms and tumors of the bone and articular cartilage of unknown properties.

**432 Connective and other soft tissue neoplasms and tumors of unknown properties**

This nature group classifies neoplasms and tumors of connective and other soft tissue of unknown properties.

*Includes:* neoplasms and tumors of the peripheral, sympathetic, parasympathetic nerves and ganglia

**433 Skin neoplasms and tumors of unknown properties**

This nature group classifies neoplasms and tumors of the skin of uncertain or unspecified morphology and behavior.

**438 Multiple neoplasms and tumors of unknown properties**

**439 Neoplasms and tumors of other sites of unknown properties, n.e.c.**

This nature group classifies neoplasms and tumors of unknown properties at body sites other than those named in this major group.

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\*-Asterisks denote a summary level code not assigned to individual cases.

**5\* SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS**

This division classifies symptoms, signs, or abnormal results from laboratory or investigative medical tests or procedures. It includes those ill-defined conditions that cannot be classified elsewhere. Codes from this division should be used when no specific diagnosis is named and cannot be inferred from information found on the source document. This division includes sick building syndrome. Symptoms and ill-defined conditions resulting from traumatic incidents or exposures are classified in Division 1.

**50 Symptoms, signs, and ill-defined conditions, unspecified**

**51\* Symptoms**

This major group classifies symptoms—conditions that accompany a disease or illness—where no other diagnosis is available and another classification cannot be inferred from the documentation.

**510 Symptoms, unspecified**

*Includes:* sick building syndrome with unspecified symptoms

**511\* General symptoms**

This nature group classifies symptoms that are general in nature and no other diagnosis is available.

*Includes:* fainting (5111), hallucinations (5119), hyperhidrosis (5119), sleep disturbances (5119), excessive sweating (5119), chills (5119), stupor (5119), numbness (5116)

*Excludes:* heat related loss of consciousness or fainting (1722); symptoms resulting from short-term exposure to chemicals, allergens, poisons (195\* and 196\*); epileptic seizures, spasms, and conditions; symptoms resulting from head injuries (160)

- 5110 General symptoms, unspecified**
- 5111 Loss of consciousness—not heat related**
- 5112 Convulsions, seizures**
- 5113 Malaise and fatigue**
- 5114 Dizziness—general**
- 5115 Inflammation, swelling—general**
- 5116 Numbness—general**

\*-Asterisks denote a summary level code not assigned to individual cases.

**5118 Multiple general symptoms**

**5119 General symptoms, n.e.c.**

**512\* Symptoms involving nervous and musculoskeletal systems**

This nature group classifies symptoms which are specific to either the nervous or musculoskeletal systems.

Symptoms resulting from traumatic injuries should be coded in Division 1.

*Includes:* abnormal involuntary movements (5121), spasms affecting the entire body with no specific diagnosis (5121), abnormality of gait (5129), lack of coordination (5129), tetany (5129), meningismus (5129)

*Excludes:* spasms resulting from traumatic injuries (1972); nontraumatic spasms affecting the back (2729); nontraumatic spasms affecting specific parts of the body, except the back (2739); symptoms resulting from short-term exposure to chemicals, allergens, poisons (195\* and 196\*)

**5120 Symptoms involving nervous and musculoskeletal systems, unspecified**

**5121 Spasms or tremors, n.e.c.**

**5122 Earache**

**5123 Eye strain**

**5128 Multiple symptoms involving nervous and musculoskeletal systems**

**5129 Symptoms involving nervous and musculoskeletal systems, n.e.c.**

**513\* Symptoms involving skin and other integumentary tissue**

This nature group classifies symptoms which are specific to the integumentary system.

*Includes:* unspecified jaundice (5139), changes in skin texture (5139), disturbances of skin sensation (5139)

*Excludes:* symptoms resulting from short-term exposure to chemicals, allergens, poisons (195\* and 196\*)

**5130 Symptoms involving skin and other integumentary tissue,**

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\*-Asterisks denote a summary level code not assigned to individual cases.

**unspecified**

**5131 Edema (including dropsy)**

**5132 Cyanosis**

**5133 Pallor and flushing**

**5138 Multiple symptoms involving skin and other integumentary tissue**

**5139 Symptoms involving skin and other integumentary tissue, n.e.c.**

**514\* Symptoms involving head and neck**

This nature group classifies symptoms which are specific to either the head or neck.

*Includes:* throat pain (5149); irritated throat (5149); aphasia (5149); nosebleed or epistaxis (5149)

*Excludes:* symptoms resulting from short-term exposure to chemicals, allergens, poisons (195\* and 196\*)

**5140 Symptoms involving head and neck, unspecified**

**5141 Headache, except migraine**

**5142 Loss of voice, voice disturbances**

**5148 Multiple symptoms involving head and neck**

**5149 Symptoms involving head and neck, n.e.c.**

**515\* Symptoms involving cardiovascular system**

This nature group classifies symptoms which are specific to the cardiovascular—heart and blood vessels—system.

*Includes:* palpitations (5159), cardiac murmurs (5159), abnormal heart sounds (5159)

**5150 Symptoms involving cardiovascular system, unspecified**

**5151 Unspecified tachycardia (rapid heartbeat)**

**5152 Gangrene**

**5153 Enlargement of lymph nodes**

**5158 Multiple symptoms involving cardiovascular system**

**5159 Symptoms involving cardiovascular system, n.e.c.**

**516\* Symptoms involving respiratory system and chest**

This nature group classifies symptoms which are specific to the respiratory system.

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\*-Asterisks denote a summary level code not assigned to individual cases.

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*Includes:* orthopnea (5169), stridor (5169), tachypnea (5169), wheezing (5169), irritated lungs (5160), shortness of breath (5169)

*Excludes:* symptoms resulting from short-term exposures to chemicals, allergens, and poisons (195\* and 196\*)

**5160 Symptoms involving respiratory system and chest, unspecified**

**5161 Hyperventilation**

**5162 Hemoptysis (cough with hemorrhage)**

**5163 Abnormal sputum**

**5164 Chest pain**

**5168 Multiple symptoms involving respiratory system and chest**

**5169 Symptoms involving respiratory system and chest, n.e.c.**

### **517\* Symptoms involving digestive and urinary system**

This nature group classifies symptoms which are specific to the digestive and urinary systems.

*Includes:* dysphagia or difficulty in swallowing (5179), peristalsis (5179), renal colic (5179), dysuria (5179), tenesmus (5179), oliguria and anuria (5179)

*Excludes:* symptoms resulting from short-term exposures to chemicals, allergens, and poisons (195\* and 196\*)

**5170 Symptoms involving digestive and urinary system, unspecified**

**5171 Nausea and vomiting—general**

**5172 Heartburn**

**5173 Frequency of urination and polyuria**

**5174 Abdominal pain, unspecified**

**5178 Multiple symptoms involving digestive or urinary system**

**5179 Symptoms involving digestive and urinary system, n.e.c.**

### **518 Multiple symptoms**

This group contains multiple symptoms from more than one subgroup within the major group 51. For example: abdominal pain, dizziness, and a headache, all of equal severity.

### **519 Other symptoms, n.e.c.**

This nature group classifies the residual symptoms that cannot be

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\*-Asterisks denote a summary level code not assigned to individual cases.

classified under any other three digit member of the major group.

*Includes:* hepatomegaly, splenomegaly, ascites

### **52\* Abnormal findings**

This major group contains classifications for abnormal results from laboratory or investigative medical testing or procedure. These codes should be used when only test results and no specific diagnosis or symptoms are reported on the source documents.

#### **520 Abnormal findings, unspecified**

#### **521 Abnormal findings from examination of blood**

This nature group classifies abnormal results stemming from examination of the blood.

*Includes:* abnormal blood-lead level, abnormal blood-gas level, unspecified bacteremia and viremia, anisocytosis and poikilocytosis

#### **522 Abnormal findings from examination of urine**

This nature group classifies abnormal results stemming from examination of the urine.

*Includes:* acetonuria, biliuria, chyluria, crystalluria, hemoglobinuria, myoglobinuria

#### **523 Abnormal findings from other body substances**

This nature group classifies abnormal results stemming from examination of other body substances. Body substances include amniotic fluid, cerebrospinal fluid, saliva, and semen.

#### **524 Abnormal findings from radiological and other examination of body structure**

This nature group classifies abnormal results stemming from examination of other body structures and from radiological testing. Findings of thermography, ultrasound (echogram) and x-ray examinations are included.

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\*-Asterisks denote a summary level code not assigned to individual cases.



*Includes:* abnormal mammogram results and coin lesion or shadow of lung

**525 Abnormal findings from function studies**

This nature group classifies abnormal results as determined from function studies.

*Includes:* abnormal electrocardiogram (ECG, EKG), electroencephalogram (EEG), electroretinogram (ERG)

**526\* Abnormal findings from histological and immunological studies**

This nature group classifies abnormal results as determined from histological and immunological studies.

*Includes:* positive reaction to tuberculin (TB) test without a diagnosis of tuberculosis, positive culture findings, raised level of immunoglobulins, abnormal karyotype

*Excludes:* diagnosed tuberculosis (311)

**5260 Abnormal findings from histological and immunological studies, unspecified**

**5261 Positive reaction to tuberculin skin test, without a diagnosis of TB**

**5269 Abnormal findings from histological and immunological studies, n.e.c.**

**528 Multiple abnormal findings**

This nature group classifies abnormal results as determined from multiple tests or studies.

**529 Other abnormal findings**

This nature group classifies abnormal test or study results that are named but are not included in any other section of major group 52.

*Includes:* elevated blood pressure reading without diagnosis of hypertension, low blood pressure reading, abnormal reflex

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\*-Asterisks denote a summary level code not assigned to individual cases.

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**58 Multiple symptoms, signs, and ill-defined conditions**

**59 Symptoms, signs, and ill-defined conditions, n.e.c.**

This major group classifies other symptoms, signs, and ill-defined conditions, the details of which are known, but cannot be assigned to another code category within Division 5.

\*-Asterisks denote a summary level code not assigned to individual cases.

**6\* OTHER DISEASES, CONDITIONS, AND DISORDERS**

This division classifies physical characteristics for which there is sufficient information for coding purposes, but no specific code exists in previous divisions of the nature of injury or illness structure.

**60 Other diseases, conditions, and disorders, unspecified**

**61\* Damage to prosthetic and orthopedic devices**

This major group classifies damage to an existing prosthetic or orthopedic device or other medical implant only. If there is mention of a specific injury or illness to part of the worker's body, code for the specific injury or illness named.

*Includes:* 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 (611\*); damage to pins, rods, replaced joints, artificial medical implants, and other internal repair or interbody fusion devices when there is no mention of injury to the worker's actual body (612\*)

*Excludes:* damage to the worker's actual body; injuries resulting in the need for the initial device or joint replacement

**610 Damage to prosthetic and orthopedic devices, unspecified**

**611\* Damage to prosthetic devices and aids**

**6110 Damage to prosthetic devices, unspecified**

**6111 Damage to artificial limb(s)**

**6112 Damage to artificial eye(s)**

**6113 Damage to other devices**

*Includes:* hearing aid(s), dental device(s)—dentures, dental implants, eyeglasses, contact lens(es), glass eye(s)

**6118 Damage to multiple prosthetic devices**

**6119 Damage to prosthetic devices, n.e.c.**

*Includes:* artificial heart valves, gastric bands

**612\* Damage to orthopedic devices**

\*-Asterisks denote a summary level code not assigned to individual cases.

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**6120** Damage to orthopedic devices, unspecified

**6121** Damage to replaced joints

**6122** Damage to pins, rods, plates, and screws

**6128** Damage to multiple orthopedic devices

**6129** Damage to orthopedic devices, n.e.c.

**619** Damage to medical implants, n.e.c.

*Includes:* artificial pacemakers, cochlear implants

### **62\*** Mental disorders and syndromes

This major group is comprised of neurotic, psychotic and organic mental disorders or syndromes and includes anxiety and stress. When mental disorders or syndromes are described as sequelae or aftereffect of a traumatic injury or disorder, the initial or underlying condition should be coded. For example, if the individual is experiencing acute depression as a result of chronic pain from a back injury, code the back injury. However, if a mental disorder is secondary to a traumatic incident, such as witnessing a traumatic amputation of another person, code the mental disorder.

**620** Mental disorders and syndromes, unspecified

**621\*** Anxiety, stress

This nature group classifies neurotic disorders associated with acute and chronic post-traumatic anxiety; reaction to stress; panic disorders; and other specified neurotic disorders not elsewhere classified.

*Includes:* job-related stress, unspecified (6210); anxiety over exposure to a disease, such as HIV (6213); post-traumatic stress disorder (6211); substance induced mental disorder (629)

**6210** Anxiety, stress, unspecified

**6211** Post-traumatic stress disorder

**6212** Adjustment disorder

**6213** Anxiety or panic disorder

**6219** Anxiety, stress, n.e.c.

**622** Depression or depressive episode

**629** Mental disorders and syndromes, n.e.c.

This group classifies other mental disorders or syndromes not classified

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\*-Asterisks denote a summary level code not assigned to individual cases.

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elsewhere. It includes substance-induced mental disorder.

### **69 Other diseases, conditions, and disorders, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.

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### 7 EXPOSURES TO DISEASE—NO ILLNESS INCURRED

This division is used for cases in which there was no injury or illness incurred. It includes instances in which the worker was exposed to a disease, but did not come down with the illness or exhibit any symptoms. For example, this code would be selected if there was an exposure to tuberculosis, but TB test results were negative.

\*-Asterisks denote a summary level code not assigned to individual cases.

**8      MULTIPLE DISEASES, CONDITIONS, AND DISORDERS**

This division classifies multiple physical characteristics whose individual codes are found in two or more of the following divisions: Systemic Diseases and Disorders; Infectious and Parasitic Diseases; Neoplasms, Tumors, and Cancers; Symptoms, Signs, and Ill-defined Conditions; and Other Diseases, Conditions, and Disorders. Multiple traumatic injuries and disorders are coded in 18.

\*-Asterisks denote a summary level code not assigned to individual cases.

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### **9999 Nonclassifiable**

This code is used for cases where there is insufficient information to select even an unspecified code at the division level.

\*-Asterisks denote a summary level code not assigned to individual cases.



## **SECTION 2.2**

**Part of  
Body  
Affected**

### **SECTION CONTENTS**

2.2.1 Definition, Rules of Selection

2.2.2 Titles and Descriptions

\*-Asterisks denote a summary level code not assigned to individual cases.

## 2.2.1 Part of Body Affected—Definition, Rules of Selection

### 2.0 DEFINITION

The part of body affected identifies the part of the body directly affected by the previously identified nature of injury or illness.

#### RULES OF SELECTION:

- 2.1 When the previously named injury or illness involves a single part, choose that part. *Example: For fractured jaw, choose **Jaw, chin**.*
- 2.2 **Traumatic injuries and disorders** including internal burns are generally coded to the external part or location, including specific locations for the mouth and back. *Example: For lumbar sprain, choose **Lumbar region of the back**.* Exceptions are noted below.
  - 2.2.1 When **Intracranial injury** is identified, choose **Brain**.
  - 2.2.2 When the injury or illness affects an entire body system, rather than a particular part, name **Body systems**. *Example: For hypothermia, choose **Body systems**.*
- 2.3 Internal body parts should be named when a disease, disorder, or condition originated at, or is limited to, that internal part. *Example: For hepatitis, choose **Liver**.*
  - 2.3.1 When the illness is cancer, choose the classification code for the original site of cancer. *Example: For lung cancer, choose **Lung(s)**.*
- 2.4 When the injury is an amputation, choose the classification code that represents the nearest part of body lost. *Example: For amputation at knee, choose **Lower leg(s)**.*
- 2.5 When the previously named injury or illness involves two or more parts within the same division, select the multiple classification code that includes those parts. *Example: If lower leg, foot, and ankle are burned, choose **Multiple lower extremities locations, n.e.c.***
- 2.6 When the previously named injury or illness involves parts from two or more divisions, select a code in **Multiple body parts**. *Example: For injuries to arms and knees, choose **Upper and lower limb(s)**. When the nature of injury is burns and smoke inhalation, select part of body code 899, **Multiple body parts, n.e.c.***

\*-Asterisks denote a summary level code not assigned to individual cases.

## 2.2.2 Part of Body Affected—Titles and Descriptions

The Part of Body Affected code structure is arranged in order from the top of the body (Division 1, Head) to the bottom of the body (Division 5, Lower Extremities). Division 6 classifies body systems. Division 8 classifies multiple body parts from two or more divisions. Division 9 classifies Prosthetic and orthopedic devices and any human parts of the body which are not classified or listed under any of the other divisions.

The Part of Body Affected divisions are arranged as follows:

<u>DIVISION</u>	<u>TITLE</u>
1	Head
2	Neck, Including Throat
3	Trunk
4	Upper Extremities
5	Lower Extremities
6	Body Systems
8	Multiple Body Parts
9	Other Body Parts
9999	Nonclassifiable

\*-Asterisks denote a summary level code not assigned to individual cases.

## **PART OF BODY**

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### **1\* HEAD**

This division classifies the uppermost parts of the body. This region consists of the skull, its contents, and related external structures.

If the nature of injury or illness named is amputation—decapitation, select Head, n.e.c., code 19.

#### **10 Head, unspecified**

This code is typically used for gunshot wounds to the head when a more specific location, such as face, is not available.

#### **11\* Cranial region, including skull**

This major group classifies the region that is bordered by the face in front and the neck below.

Select code 111 when concussion or other intracranial injury is named as the nature of the injury. This code is also used for migraines. It should not be used for gunshot wounds; instead, code the external body part where the gunshot entered the body (such as scalp or cheek). Select code 113 when a nonfatal skull fracture is the nature of injury.

*Includes:* brain and brain stem (111), hair and scalp (112), occipital, parietal, and temporal bones (113), skin of the head (112), subcutaneous connective tissue, cartilage, and muscles of the cranial region (119)

##### **110 Cranial region, unspecified**

##### **111 Brain**

##### **112 Scalp**

##### **113 Skull**

##### **118 Multiple cranial region locations**

##### **119 Cranial region, n.e.c.**

#### **12 Ear(s)**

This major group classifies the sense or receptor organs located on either side of the head. The code can be used when either one or both ears are affected.

*Includes:* anvil, auditory nerve, auricle or pinna (or outer ear), cochlea, concha, eardrum, earlobe, eustachian tube, hammer, helix, lobule, middle ear or tympanic cavity, outer ear canal, scapha, semicircular canals, stirrup (stapes), tragus

\*-Asterisks denote a summary level code not assigned to individual cases.

## **PART OF BODY**

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### **13\* Face**

This major group classifies the anterior or frontal portion of the head, which is bounded by the cranial region to the top and back (hairline) and by the neck below.

*Includes:* bony structures, cartilage, muscle, skin, subcutaneous tissue, underside of the jaw, chin, veins and arteries of the face

### **130 Face, unspecified**

### **131 Forehead**

*Includes:* eyebrow(s)

### **132 Eye(s)**

This part of body group classifies the sense organs of sight located in the frontal portion of the head. The code can be used for either one or both eyes and when loss or impairment of sight is involved and no specific body part is named.

*Includes:* conjunctiva, cornea, eyeball, inside and outside of the eyelids, iris, lacrimal glands, lens, optic nerve, orbit, retina, upper and lower eyelashes

*Excludes:* Eyebrow(s) (131)

### **133\* Nose, nasal cavity**

This part of body group classifies the prominent sensory organ in the center of the face that functions as the organ of smell and as a part of the respiratory system. Generally, select code 1330 when the nature of injury or illness named is from Nature of Injury or Illness, Division 1, Traumatic Injuries and Disorders, such as fracture or contusion.

### **1330 Nose, except internal location of diseases or disorders**

#### **Internal Nasal Location of Diseases or Disorders:**

Generally, select codes 1331-1339 when the nature of injury or illness named is found in Division 2 through 6 of the Nature of Injury or Illness structure.

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\*-Asterisks denote a summary level code not assigned to individual cases.

## **PART OF BODY**

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- 1331 Internal nasal location, unspecified**
- 1332 Nasopharynx**
- 1333 Nasal passage(s)**
- 1334 Sinus(es)**
- 1338 Multiple internal nasal locations**
- 1339 Internal nasal location, n.e.c.**

- 134 Cheek(s)**
- 135 Jaw, chin**

### **136\* Mouth**

This part of body group classifies the opening of the alimentary canal which is bounded by the lips and includes the cavity which houses the tongue and teeth.

Select code 1369 if loss of taste has been named as the nature of injury or illness and no specific body part is named.

- 1360 Mouth, unspecified**
- 1361 Lip(s)**
- 1362 Tongue**
- 1363 Tooth (teeth)**
- 1364 Gum**
- 1368 Multiple mouth locations**
- 1369 Mouth, n.e.c.**

- 138 Multiple face locations**
- 139 Face, n.e.c.**

### **18 Multiple head locations**

### **19 Head, n.e.c.**

Select Head, n.e.c. if the nature of injury or illness named is amputation at the head or decapitation.

---

\*-Asterisks denote a summary level code not assigned to individual cases.

## PART OF BODY

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### **2\*** NECK, INCLUDING THROAT

This division classifies the portion of the body that connects the head to the torso or trunk. This region is bounded by the jaw, chin and cranial region to the top and the shoulder below. If the nature of injury or illness named is amputation, and the point of amputation is neck, select Head, n.e.c., code 19.

#### **20 Neck, except internal location of diseases or disorders**

This major group classifies the external portion of the neck including the uppermost portion of the vertebra. Generally, select this code when the nature of injury or illness named is a member of Division 1 of the Nature of Injury or Illness structure. This code should be used for whiplash injuries.

*Includes:* bony structures (cervical vertebrae C1 – C7), cartilage, muscle, skin, subcutaneous tissue, and veins and arteries of the neck; cervical spine; cervical discs, atlanto-occipital joint; atlanto-axial joint

#### **Internal Neck Location of Diseases or Disorders:**

These major groups classify the underlying visceral structures of the neck. Generally, these codes should be chosen when the nature of injury or illness named is a member of Division 2 through 6 of the Nature of Injury or Illness structure.

#### **21 Internal neck location, unspecified**

Select this code when an irritated or sore throat is the nature of injury or illness.

#### **22 Vocal cord(s)**

This major group classifies either of the two pairs of folds projecting in the larynx cavity.

#### **23 Larynx**

This major group classifies the organ of the voice, the voice box, located between the trachea and the base of the tongue.

#### **24 Laryngopharynx**

This major group connects the throat and esophagus and classifies the bottom portion of the pharynx which is also known as hypopharynx or laryngeal pharynx.

\*-Asterisks denote a summary level code not assigned to individual cases.

## **PART OF BODY**

---

**25 Pharynx**

This major group classifies the musculomembranous tube in the back of the nose, mouth, and larynx. It extends from the skull to the esophagus and includes the oropharynx.

**26 Trachea**

This major group classifies the trachea, the cartilaginous and membranous tube that extends from the bottom of the larynx to the bronchi. The trachea is also known as the windpipe.

**28 Multiple internal neck locations**

**29 Internal neck location, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.



## PART OF BODY

---

### 3\* TRUNK

This division classifies the main part of the body, where the head and limbs are attached. The area is bounded by the neck, shoulders, and legs.

Select a code from this division when the nature of injury or illness is localized to a specific organ(s) and does not affect the entire system. Otherwise, select a code from Division 6 of this structure.

If the narrative includes the part “side” and a specific part of body is mentioned, code that part. For example, for “injured rib on right side,” code Chest, except internal location of diseases or disorders (310). For “back and side,” code Back, including spine, spinal cord, unspecified (320). If the narrative states that the “side of the body” was injured without a specific part, code Multiple body parts, unspecified (80). If the narrative states that the worker’s “side” was injured with no other part of body information, code Trunk, unspecified (30).

*Includes:* bones, cartilage, internal organs and structures, muscles, nerves, skin, subcutaneous tissue, tendons, veins and arteries, internal organs and structures of the trunk

*Excludes:* shoulder (41)

#### 30 Trunk, unspecified

*Includes:* trapezius

#### 31\* Chest, including ribs, internal organs

This major group classifies the frontal region of the body or thorax. It is bounded by the respiratory diaphragm or abdomen below, the shoulder above, and the back in the rear. Use code 310 for internal injuries of the chest.

##### 310 Chest, except internal location of diseases or disorders

*Includes:* breast(s)—external location

##### Internal Chest Location of Diseases or Disorders:

These part groups classify the underlying visceral structures of the chest. Generally, these codes should be chosen when the nature of injury or illness named is a member of Division 2 through 6 of the Nature of Injury or Illness structure. These codes are not to be used for internal injuries. Use code 319 if the aorta is specified as the part of body for nontraumatic conditions; use code 339,

\*-Asterisks denote a summary level code not assigned to individual cases.

## PART OF BODY

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Internal abdominal location, n.e.c., for the abdominal aorta.

**311 Internal chest location, unspecified**

**312 Esophagus**

**313 Heart**

**314 Bronchus**

**315 Lung(s), pleura**

**316 Breast(s)—internal**

**318 Multiple internal chest locations**

**319 Internal chest location, n.e.c.**

*Includes:* ascending aorta, thoracic aorta, aortal arch

*Excludes:* abdominal aorta (339)

**32\* Back, including spine, spinal cord**

This major group classifies the posterior part of the trunk that is bounded by the neck and the pelvis.

*Includes:* cartilage, muscles, nerves, and neuroglia of the spine and spinal cord (except cervical); tendons, veins and arteries, of the back; vertebra (backbone) and discs, except cervical

*Excludes:* neck or cervical vertebrae – C1 - C7 (20); cervical spine (20), cervical discs

**320 Back, including spine, spinal cord, unspecified**

**321 Thoracic region**

This group classifies the region of the back that includes the 12 vertebrae (T1 – T12) on the spinal column located just below the cervical vertebrae of the neck. This category includes the middle and upper back.

**322 Lumbar region**

This group classifies the region of the back that includes the five vertebrae (L1 – L5) on the spinal column located in the lower portion of the back. Select this code when low back pain or lumbago is named as the nature of injury or illness or when the part of body is the lower back.

**323 Sacral region**

\*-Asterisks denote a summary level code not assigned to individual cases.

## PART OF BODY

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This group classifies the region of the back that includes the five fused bones (S1 – S5) located just below the lumbar region.

*Includes:* sacrum

### **324 Coccygeal region**

This group classifies the region of the back that includes the four fused bones (CO1 – CO4) also known as the tailbone.

*Includes:* coccyx, tailbone

### **328 Multiple back regions**

### **329 Back, including spine, spinal cord, n.e.c.**

## **33\* Abdomen**

This major group classifies that portion of the body which lies between the thorax and the pelvis. Use code 330 for part of body for hernias resulting from a single episode of overexertion (that is hernias coded in Nature 124).

### **330 Abdomen, except internal location of diseases or disorders**

#### **Internal Abdominal Location of Diseases or Disorders:**

These groups classify the underlying visceral structures of the abdomen. Generally, these codes should be chosen when the nature of injury or illness named is a member of Division 2 through 6 of the Nature of Injury or Illness structure. These codes are not to be used for internal injuries. For hernias resulting from a prolonged overexertion (Nature code 253), code the organ that was affected rather than the muscle through which the organ protruded. Use code 331 when the type of hernia and location are unspecified. Use code 3350, Intestines, peritoneum, unspecified for abdominal, femoral, inguinal, scrotal, and ventral hernias when the specific portion of the intestine affected is unknown. Use code 332, Stomach organ, for diaphragmatic, esophageal, hiatal, and paraesophageal hernias.

*Includes:* abdominal cavity

### **331 Internal abdominal location, unspecified**

### **332 Stomach organ**

### **333 Spleen**

### **334\* Urinary organs**

\*-Asterisks denote a summary level code not assigned to individual cases.

## PART OF BODY

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**3340 Urinary organs, unspecified**

**3341 Bladder**

**3342 Kidney(s)**

**3348 Multiple urinary organs**

**3349 Urinary organs, n.e.c.**

**335\* Intestines, peritoneum**

**3350 Intestines, peritoneum, unspecified**

**3351 Peritoneum**

**3352 Small intestine**

**3353 Large intestine, colon, rectum**

**3358 Multiple intestinal locations**

**3359 Intestines, peritoneum, n.e.c.**

**336\* Other digestive structures**

**3360 Other digestive structures, unspecified**

**3361 Liver**

**3362 Gallbladder**

**3363 Pancreas**

**3368 Multiple other digestive structures**

**3369 Other digestive structures, n.e.c.**

**338 Multiple internal abdominal locations**

**339 Internal abdominal location, n.e.c.**

*Includes:* abdominal aorta

**34\* Pelvic region**

This major group classifies the lower portion of the trunk or torso that supports the lower extremities. This region is bounded by the coccyx of the vertebral column, the abdomen, and the legs. If the nature of injury or illness named is amputation, and the point of amputation is hip, select Thigh(s), code 511.

*Includes:* sacroiliac (349)

*Excludes:* intestines (335\*), inguinal region when reported for a hernia (330)

**340 Pelvic region, unspecified**

*Includes:* crotch

\*-Asterisks denote a summary level code not assigned to individual cases.

## **PART OF BODY**

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- 341 Hip(s)**
- 342 Pelvis**
- 343 Buttock(s)**
- 344 Groin**
  
- 345\* External reproductive tract structures**
  - 3450 External reproductive tract structures, unspecified**
  - 3451 Scrotum**
  - 3452 Penis**
  - 3453 External female genital region**
  - 3458 Multiple external reproductive tract structures**
  - 3459 External reproductive tract structures, n.e.c.**
  
- 346\* Internal reproductive tract structures**
  - 3460 Internal reproductive tract structures, unspecified**
  - 3461 Prostate**
  - 3462 Testis (testes)**
  - 3463 Ovary (ovaries)**
  - 3464 Uterus**
  - 3465 Female genitals, n.e.c.**
  - 3468 Multiple internal reproductive tract structures**
  - 3469 Internal reproductive tract structures, n.e.c.**
  
- 348 Multiple pelvic region locations**
- 349 Pelvic region, n.e.c.**
  - Includes:* Sacroliliac
  
- 38 Multiple trunk locations**
  
- 39 Trunk, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.

## PART OF BODY

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### **4\*** UPPER EXTREMITIES

This division classifies the extremities that are bounded by the trunk at the top with the fingers as the lowermost part included.

*Includes:* bones, cartilage, muscles, skin, subcutaneous tissue, veins and arteries of the upper extremities

#### **40 Upper extremities, unspecified**

#### **41 Shoulder(s), including clavicle(s), scapula(e)**

This major group classifies the region where the arm(s) join the trunk and includes the armpit and rotator cuff. If the nature of injury or illness named is amputation, and the point of amputation is shoulder, select Upper arm(s), code 421.

*Includes:* clavicle, collar bone, proximal humerus, scapula/shoulder blade, shoulder girdle, armpit, underarm, rotator cuff

*Excludes:* mid-shaft humerus (421)

#### **42\* Arm(s)**

This major group classifies the upper extremities from the area above the wrist up to the shoulder and includes the mid-shaft (421) and distal (422) parts of the humerus. The proximal humerus and armpit are coded as the Shoulder(s) (41). If the injury or illness involves the same section of the arm or both arms, select the code for that section. For example, code several burns that are restricted to the upper part of one or both arms to the Upper arm(s) (421). If the nature of injury named is amputation, and the point of amputation is elbow, select Forearm(s), code 423. If the nature of injury is tennis elbow or epicondylitis, lateral or medial, select Elbow(s) (422).

*Excludes:* hand(s) (44\*), wrist(s) (43), shoulder (41).

#### **420 Arm(s), unspecified**

#### **421 Upper arm(s)**

#### **422 Elbow(s)**

#### **423 Forearm(s)**

*Includes:* lower arm, ulna, radius

\*-Asterisks denote a summary level code not assigned to individual cases.

## PART OF BODY

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### **428\* Multiple arm locations**

**4280 Multiple arm locations, unspecified**

**4281 Elbow(s) and arms(s)**

**4289 Multiple arm locations, n.e.c.**

**429 Arm(s), n.e.c.**

### **43 Wrist(s)**

This major group classifies the region between the forearm and the hand. When the nature of injury or illness named is carpal tunnel syndrome, select this code. Select this code whether the injury or illness involves the left or right wrist or both. If the nature of injury or illness named is amputation, and the point of amputation is the wrist, select Hand(s), except finger(s) (441).

### **44\* Hand(s)**

**440 Hand(s), unspecified**

If the only information on the source document is “hand,” with no mention of fingers being included or excluded, select this code.

**441 Hand(s), except finger(s)**

This major group classifies the part of the upper extremity at the end of the wrist. Select this code whether the injury or illness involves the left or right hand or both. If the nature of injury or illness named is amputation, and the point of amputation is the wrist or hand, select this code.

*Includes:* knuckles and the areas of the hand between the fingers;  
palm of hand; tip of hand

*Excludes:* finger(s) (442\*) and wrist(s) (43)

**442\* Finger(s), fingernail(s)**

This major group classifies the digits of the hand. Select this code whether the injury or illness involves finger(s) from the right, left, or both hand(s). Use code 4420 if the source document only states that the finger was injured. Use code 4421 for fingernail avulsions, torn fingernails, blood accumulating underneath the fingernail, and injuries to the nailbed.

\*-Asterisks denote a summary level code not assigned to individual cases.

## PART OF BODY

---

*Includes:* distal phalanx (phalanges) (4422), medial phalanx (phalanges) (4429), proximal phalanx (phalanges) (4429), thumb terminal joint (4422), distal interphalangeal joint (4422)

**4420 Finger(s), fingernail(s), unspecified**

**4421 Fingernail(s), nailbed(s)**

**4422 Fingertip(s)**

**4429 Finger(s), fingernail(s), n.e.c.**

**448 Hand(s) and finger(s)**

**449 Hand(s), n.e.c.**

### **48\* Multiple upper extremities locations**

This major group classifies combinations of parts located in two or more major groups within the division.

#### **480 Multiple upper extremities locations, unspecified**

##### **481\* Hand(s) and arms(s)**

**4810 Hand(s) and arm(s), unspecified**

**4811 Hand(s) and elbow(s)**

**4819 Hand(s) and arm(s), n.e.c.**

##### **482 Hand(s) and wrist(s)**

*Includes:* combinations of at least one hand and one wrist

##### **483\* Wrist(s) and arm(s)**

**4830 Wrist(s) and arm(s), unspecified**

**4831 Wrist(s) and elbow(s)**

**4839 Wrist(s) and arm(s), n.e.c.**

##### **484 Shoulder(s) and arm(s)**

##### **489 Multiple upper extremities locations, n.e.c.**

### **49 Upper extremities, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.



## PART OF BODY

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### **5\* LOWER EXTREMITIES**

This division classifies the appendages that are bounded by the hip to the top with the toes as the lowermost part included.

*Includes:* bones, cartilage, muscles, skin, subcutaneous tissue, veins and arteries of the lower extremities

#### **50 Lower extremities, unspecified**

#### **51\* Leg(s)**

This major group classifies the lower extremities between the hip and the ankle. If the injury or illness involves the same section of the same leg or both legs, select the code for that section. For example, if there were multiple bites on one or both lower legs, code Lower leg(s) (513). If the nature of injury or illness named is amputation, and the point of amputation is knee, select Lower leg(s) (513). If the source document states meniscus, anterior cruciate ligament (ACL), medial collateral ligament (MCL), or patella, use code Knee(s) (512).

#### **510 Leg(s), unspecified**

#### **511 Thigh(s)**

*Includes:* hamstring(s), upper leg(s)

If amputated at hip, code to 511

#### **512 Knee(s)**

*Includes:* MCL, ACL, patella

#### **513 Lower leg(s)**

*Includes:* calf, fibula, tibia

#### **518\* Multiple leg locations**

**5180 Multiple leg locations, unspecified**

**5181 Knee(s) and leg(s)**

**5189 Multiple leg locations, n.e.c.**

#### **519 Leg(s), n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.

## PART OF BODY

---

### **52 Ankle(s)**

This major group classifies the hinge joint area between the foot and the lower leg. Select this code if the injury or illness involves the left, right, or both ankles. If the nature of injury or illness named is amputation, and the point of amputation is ankle, select Foot (feet), n.e.c., (539).

*Includes:* Achilles tendon

### **53\* Foot (feet)**

This major group classifies the lowest extremity of the leg. Select this code if the injury or illness involves the left, right, or both feet. If the nature of injury or illness named is amputation and the point of amputation is foot, select Foot (feet), n.e.c., (539). If the source document states foot, with no mention of toes being included or excluded and the nature of injury or illness is not amputation, select Foot (feet), unspecified (530). Code 5313, Heel(s), includes the back of the heel. The Achilles tendon is coded as Ankle(s) (52).

#### **530 Foot (feet), unspecified**

#### **531\* Sole(s)**

##### **5310 Sole(s), unspecified**

##### **5311 Ball(s) of the foot**

##### **5312 Arch(es), instep(s)**

##### **5313 Heel(s)**

##### **5318 Multiple sole locations**

##### **5319 Sole(s), n.e.c.**

#### **532 Toes(s), toenail(s)**

This part group classifies the digits of the foot. Select this code whether the injury or illness involves toe(s) from the left, right, or both feet.

#### **538 Multiple foot (feet) locations**

*Includes:* toe and feet

#### **539 Foot (feet), n.e.c.**

### **58\* Multiple lower extremities locations**

This major group classifies combinations of differing parts of the body within the lower extremity division.

\*-Asterisks denote a summary level code not assigned to individual cases.

## **PART OF BODY**

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**580 Multiple lower extremities locations, unspecified**

**581\* Foot (feet) and leg(s)**

**5810 Foot (feet) and leg(s), unspecified**

**5811 Foot (feet) and knee(s)**

**5819 Foot (feet) and leg(s), n.e.c.**

*Includes:* combinations of at least one foot and one leg

**582 Foot (feet) and ankle(s)**

*Includes:* combinations of at least one foot and one ankle

**583\* Ankle(s) and leg(s)**

**5830 Ankle(s) and leg(s), unspecified**

**5831 Ankle(s) and knee(s)**

**5839 Ankle(s) and leg(s), n.e.c.**

**589 Multiple lower extremities locations, n.e.c.**

**59 Lower extremities, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.

## PART OF BODY

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### 6 BODY SYSTEMS

This division classifies the various systems of the body and applies when the functioning of an entire body system has been affected without specific injury to any other part of the body. It is used as the part of body for hypothermia and asthma. It does not apply when the systemic damage results from an external injury affecting an external part such as a back injury that includes damage to the nerves of the spinal cord. Nor does it apply when the injury or illness is localized and affects a particular internal organ. If the nature of injury or illness selected is a subset of the Division 2, Systemic Diseases and Disorders, the part of body affected is not necessarily body systems. Generally tumors will be coded to the individual body part (or organ) rather than Body systems.

*Includes:*       circulatory system, gastrointestinal system, nervous system, respiratory system

\*-Asterisks denote a summary level code not assigned to individual cases.

## **PART OF BODY**

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### **8\* MULTIPLE BODY PARTS**

This division classifies multiple body parts from two or more divisions.

**80 Multiple body parts, unspecified**

**81 Head and neck**

**82 Head, neck, and trunk**

**83 Head and trunk**

**84 Neck and back**

**85 Shoulder(s) and back**

**86 Hip(s) and leg(s)**

**87 Upper and lower limb(s)**

**89\* Other multiple body parts**

**891 Whole body**

**899 Multiple body parts, n.e.c.**

*Includes:* injuries when nature is burns and smoke inhalation

\*-Asterisks denote a summary level code not assigned to individual cases.

## **PART OF BODY**

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### **9\* OTHER BODY PARTS**

This division includes prosthetic and orthopedic devices.

#### **91\* Prosthetic and orthopedic devices**

This major group classifies synthetic, mechanical, and otherwise artificial device(s) that replace or enhance missing or malfunctioning human body part(s). Select this code when only a prosthetic or orthopedic device(s) is involved; otherwise select the human part of body affected.

*Includes:* corrective lens(es), denture(s), artificial eye(s), hearing aid(s), artificial limb(s), pins, rods, replaced joints, artificial medical implants, other internal repair devices or interbody fusion devices

*Excludes:* damage to the worker's actual body

- 910 Prosthetic and orthopedic devices, unspecified**
- 911 Prosthetic and orthopedic devices of the head**
- 912 Prosthetic and orthopedic devices of the trunk**
- 913 Prosthetic and orthopedic devices of the upper extremities**
- 914 Prosthetic and orthopedic devices of the lower extremities**
- 918 Prosthetic and orthopedic devices involving multiple body parts**
- 919 Prosthetic and orthopedic devices, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.

**PART OF BODY**

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**9999 Nonclassifiable**

\*-Asterisks denote a summary level code not assigned to individual cases.

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\*-Asterisks denote a summary level code not assigned to individual cases.



## **SECTION 2.3**

### **Source and Secondary Source of Injury or Illness**

#### **SECTION CONTENTS**

- 2.3.1 Source and Secondary Source of Injury or Illness  
Definition, Rules of Selection
- 2.3.2 Titles and Descriptions

\*-Asterisks denote a summary level code not assigned to individual cases.

## 2.3.1 Source and Secondary Source of Injury or Illness—Definition, Rules of Selection

### 3.0 DEFINITION

The Source and Secondary Source identify 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. The Source and Secondary Source are coded according to the previously identified Event or Exposure as dictated by the Rules of Selection:

#### GENERAL RULES OF SELECTION FOR SOURCE:

#### 3.1 Whole versus part

##### 3.1.1 Part of a machine, tool, or vehicle

If the injury or illness was inflicted by a specific **part** of a **machine, tool, or vehicle**, name the **whole** machine, tool, or vehicle as the source of injury except when:

- the part separated from or was independent of the "whole";
- the event is overexertion involving an outside source;
- the injury was inflicted by an overhead powerline or the electrical cord of an appliance, tool, or machine;
- the injury was inflicted by the floor of a vehicle in a non-transportation incident;
- the injury was inflicted by a separate machine attached to a vehicle, such as a conveyor attached to a truck;
- the incident involved a tractor and agricultural equipment combination.

In those instances, code that part as source.

**Items being transported by a vehicle** are considered part of the vehicle. For example, if a box that is being moved by a forklift strikes a worker while still on the forklift, the forklift is considered the source.

##### 3.1.2 Part of a structure

If the injury or illness was inflicted by a specific **part** of a **structure** (window, door, stairs) name that **part** as the source of injury.

\*-Asterisks denote a summary level code not assigned to individual cases.

### 3.2 Containers

When an injury or illness was produced by a filled **container**, name the container, not the contents, as the source unless the injury or illness was directly inflicted by the contents, such as hot liquids or chemicals.

### 3.3 Bodily motion or position

Name **Bodily motion or position** as the source of injury or illness only when the injury resulted solely from the stress or strain induced by the free movement of the body or its parts (voluntary or involuntary), or from the assumption of a strained or unnatural body position.

Bodily motion or position includes injuries or illnesses resulting from reaching, turning, twisting, bending, walking, climbing, running, and from efforts to recover from a loss of equilibrium, provided that the loss of equilibrium does not result in a fall or in forcible contact with an object above the working surface.

Do **not** name **Bodily motion or position** as the source of injury or illness if the injury or illness resulted from any of the following:

- falling,
- bumping into or striking an external object,
- nonrepetitive lifting, pushing, pulling, wielding, or throwing an external object.

For injuries or illnesses in which either **Repetitive motion** or **Sustained viewing** is coded as the event, select bodily motion or position as the source of injury or illness.

### 3.4 Choosing between multiple objects or substances:

3.4.1 Contacts with objects or equipment (event): When an injury results from forcible contact with two or more objects, either simultaneously or in rapid sequence, and it is impossible to determine which object directly produced the injury, select the source as follows:

- When the choice is between a moving object and a stationary object, select the moving object. *Example: If a person is struck by a rolling vehicle and thrown against a post, name the vehicle as the source of injury.*
- When the choice is between two moving objects or between two stationary objects, select that which was contacted last. *Example: If a worker is struck by a roll of paper and then a box and it is unclear which caused the head injury, code the box as the source.*

\*-Asterisks denote a summary level code not assigned to individual cases.

3.4.2 When an injury or illness results from two or more different objects or substances, all of which contributed to producing the injury or illness, select the source code as follows:

- Select the "Multiple" code for that combination of objects and substances if one exists at the appropriate level;
- When the two objects or substances are in the same division and there is no appropriate "Multiple" code, select the divisional n.e.c. code for that division. If they are in the same group within a division, select the group n.e.c.;
- When the two objects or substances are not in the same division, use the code for **Other sources, n.e.c.**

### 3.5 **Weather, atmospheric conditions, and geological events**

Select **Weather and atmospheric conditions** or geological events—**Floods, Earthquakes, Avalanches**—as the source of injury or illness when that is the only possible source identified.

*For example, if a worker sustained multiple injuries in an earthquake, and no other source could be determined, select earthquake as the source of injury. However, if an employee were driving in a rainstorm and was injured in an automobile accident, select the vehicle as the source.*

## **GENERAL RULES OF SELECTION FOR SECONDARY SOURCE:**

### 3.6 **Codes to be used**

Use the Source of Injury or Illness Classification Structure for coding secondary source of injury or illness.

### 3.7 **When two objects or substances contributed to an event**

In the absence of a specific rule, if **two objects or substances** contributed to an event, name the object, or substance which was not selected as the source. If more than two objects, substances, other than source, are involved, select:

- powered or energized objects over nonpowered objects,
- moving objects over nonmoving objects,
- objects actively contributing to the event over passive objects.

### 3.8 **Weather, atmospheric conditions, and geological events**

\*-Asterisks denote a summary level code not assigned to individual cases.

Select **Weather and atmospheric conditions** or geological events—**Floods, Earthquakes, Avalanches**—as the secondary source of injury or illness when that is the only possible secondary source identified.

*For example, if a worker sustained multiple injuries when struck by an object in an earthquake, select earthquake as the secondary source.*

### 3.9 **No contributing factors**

If **no object, substance, or person** is determined to meet the definition and rules listed above, no secondary source is selected. Objects which inflict an injury, but which neither generated the source nor contributed to the event, should not be selected as the secondary source.

*For example, if a worker falls from a vehicle in a transportation incident and is injured when hitting the road surface, the road is not selected as the secondary source.*

## **RULES OF SELECTION BASED ON EVENT OR EXPOSURE:**

### 3.10 **Violence and other injuries by person or animal**

**Source:** Name the person or animal responsible for the injury or illness.

**Secondary source:** Name the injury-producing weapon, object, or substance, if any.

**Example:** *If a robber shoots a store clerk in the leg with a handgun, the source would be robber and the secondary source would be the handgun.*

### 3.11 **Transportation incidents**

**Source:** Name the vehicle the worker was in or on at the time of the incident. If the worker was struck by a vehicle while on foot, name the vehicle which struck him or her.

**Secondary source:** Name the object or vehicle with which the worker's vehicle collided, if any. If no collision occurred, then name the contributing object or substance, such as ice, rain, etc. And if two objects were struck, code the object that most likely caused the injury.

**Example:** *If the worker was driving a semitrailer that collided with a passenger van, the source would be the semitrailer and the secondary source would be the passenger van.*

**Example:** *If the worker was driving a tractor pulling a plow, fell from the tractor and was struck by the plow, the source would be the tractor and the secondary source would be the plow.*

### 3.12 **Fires and explosions**

\*-Asterisks denote a summary level code not assigned to individual cases.

**Source:** Name the burning substance or object or the item that exploded.

**Secondary source:** Name the ignition source or contributing factor, if known.

**Example:** *If a firefighter was burned while extinguishing an electrical fire in a warehouse, the source would be warehouse, and the secondary source would be electrical wiring.*

### 3.13 Falls, slips, trips

#### 3.13.1 Slips and trips without falls

**Source:** Name bodily motion as the source when a musculoskeletal injury results.

**Secondary source:** Name the object or substance that contributed to the slip or trip, if known.

**Example:** *If a worker trips over a box on the floor and suffers a sprain in recovering, bodily motion is the source and the box is the secondary source.*

#### 3.13.2 Falls on same level

**Source:** Name the surface on or from which the worker fell.

**Secondary source:** Name the object or substance, if any, that contributed to the worker's fall.

**Example:** *If a worker slips on a patch of ice in the parking lot and falls breaking her wrist, the source will be the parking lot and the ice will be the secondary source.*

#### 3.13.3 Falls to lower level

**Source:** Name the equipment or part of the structure (structural element) from or through which the worker fell.

**Secondary source:** Name the object or substance, if any, that contributed to the worker's fall.

**Example:** *If a worker fell to the ground after the roof truss on which he was standing gave way, the source would be the roof truss. The secondary source is left blank because no contributing factor other than the roof truss was mentioned.*

### 3.14 Contact with objects and equipment

**Source:** Name the object or substance that directly injured the worker.

\*-Asterisks denote a summary level code not assigned to individual cases.

**Secondary source:** Name the object or substance, if any, that contributed to the contact. For falling objects, name the equipment from which the object fell.

**Example:** *If a worker is injured from a box falling from a forklift, the box is named as the source, and the forklift is selected as the secondary source.*

### 3.15 Exposure to harmful substances or environments

**Source:** Name the substance or environmental condition that injured the worker.

**Secondary source:** Name the object or environment through which the worker was exposed.

**Example:** *If a worker suffers heat exhaustion while cleaning the interior of a tanker truck, heat would be named as the source and the tanker truck interior (under confined spaces) would be the secondary source.*

**Example:** *For indirect contacts with electric current: If a worker is electrocuted from contacting a ladder touching a power line, code the ladder as the source, and the power line as the secondary source.*

### 3.16 Overexertion and bodily reaction

#### 3.16.1 Overexertion involving outside sources

**Source:** Name the object over which the worker was exerting physical effort.

**Secondary source:** Name any contributing object or substance, if any.

**Example:** *If a worker strains her back while lifting a box, code the box as the source. Leave secondary source blank since there was no contributing object or substance.*

#### 3.16.2 Repetitive motion and bodily reaction

**Source:** Name bodily motion or position of the injured, ill worker.

**Secondary source:** Name the contributing equipment, object, or substance, if any.

**Example:** *If a worker suffers tendonitis in the wrist from cutting meat all day, the source is bodily motion and the secondary source is the knife.*

\*-Asterisks denote a summary level code not assigned to individual cases.

### **2.3.2 Source of Injury or Illness; Secondary Source of Injury or Illness—Titles and Descriptions**

The Source of Injury or Illness code structure is arranged in nine divisions, 1 through 9. Division 9 contains codes for classifying sources that are not classified or listed under any of the other divisions. The Secondary Source of Injury or Illness uses the Source of Injury or Illness titles and descriptions.

The Source of Injury or Illness divisions are arranged as follows:

<u>DIVISION</u>	<u>TITLE</u>
1	Chemicals and Chemical Products
2	Containers, Furniture, and Fixtures
3	Machinery
4	Parts and Materials
5	Persons, Plants, Animals, and Minerals
6	Structures and Surfaces
7	Tools, Instruments, and Equipment
8	Vehicles
9	Other Sources
9999	Nonclassifiable

\*-Asterisks denote a summary level code not assigned to individual cases.



**1\* CHEMICALS AND CHEMICAL PRODUCTS**

This division includes chemicals and chemical products in various states—liquids, gases, fumes, vapors, and solids. In general, the specific chemical codes (major groups 11-17) should be used when the specific chemical or type of chemical is known. When only the type of product is known, the appropriate code for the product (major group 18) should be used. There is one exception to this rule. When the source of injury is a drug, alcohol, or medicine taken internally, use a code in section 184. Unspecified vapors or fumes—either toxic or nontoxic—that are not the product of combustion should be coded Chemicals and chemical products, unspecified, code 10. Carbon monoxide resulting from the incomplete combustion of fuels or that is contained in motor vehicle exhaust gas, blast furnace gas, or kiln vapor is coded 1741, carbon monoxide. Tobacco smoke is coded 9242. Smoke from a burning fire is coded 9243, Smoke, fire gases, n.e.c. unless the specific chemical that injured the worker is known.

*Includes:* acids; alkalis; aromatics and hydrocarbon derivatives; halogens and their compounds; metallic dusts, powders and fumes; agricultural chemicals and pesticides; coal, natural gas, petroleum fuels and products; other chemicals and chemical products

*Excludes:* tars and sealants (46\*); metallic minerals (54\*); nonmetallic minerals, except fuel (55\*); smoke and fire gases (924\*); scrap, waste, debris unless specified as chemical (94\*); nonchemical steam and vapors (95\*); vermiculite (559)

**10 Chemicals and chemical products, unspecified**

*Includes:* unspecified vapors or fumes

**11\* Acids and alkalis**

This group includes acids and alkalis of various types.

**110 Acids and alkalis, unspecified**

**111\* Acids**

*Includes:* organic and inorganic acids

*Excludes:* benzoic and phenylacetic acids (as herbicides) (154); LSD (1842); hydrogen sulfide (1771)

**1110 Acids, unspecified**

**1111 Acetic acid, vinegar**

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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- 1112 Hydrogen chloride, hydrochloric acid**  
*Anhydrous hydrochloric acid*  
*Chlorohydric acid*  
*Hydrochloric acid gas*
- 1113 Hydrogen fluoride, hydrofluoric acid**  
*Anhydrous hydrofluoric acid*  
*Fluorohydric acid gas*  
*Hydrofluoric acid gas*
- 1114 Nitric acid**  
*Aqua fortis*  
*Red fuming nitric acid (RFNA)*  
*White fuming nitric acid (WFNA)*
- 1115 Sulfuric acid**  
*Battery acid*  
*Drain and oven cleaners containing sulfuric acid*
- 1118 Multiple acids**
- 1119 Acids, n.e.c.**
- |                                   |                                  |
|-----------------------------------|----------------------------------|
| <i>Acetylsalicylic acid</i>       | <i>Hyposulfurous acid</i>        |
| <i>Acrylic acid</i>               | <i>Iodic acid</i>                |
| <i>Adipic acid</i>                | <i>Iodoacetic acid</i>           |
| <i>Alkanesulfonic acid</i>        | <i>Isobutyric acid</i>           |
| <i>Anhydrous hydriodic acid</i>   | <i>Isocyanic acid</i>            |
| <i>Anhydrous hydrobromic acid</i> | <i>Isopentoic acid</i>           |
| <i>Aqueous hydrogen bromide</i>   | <i>Lauric acid</i>               |
| <i>Aqueous hydrogen chloride</i>  | <i>Manganic acid</i>             |
| <i>Aqueous hydrogen fluoride</i>  | <i>Metaboric acid</i>            |
| <i>Aqueous hydrogen iodide</i>    | <i>Metaphosphoric acid</i>       |
| <i>Arsenic acid</i>               | <i>Methacrylic acid</i>          |
| <i>Arsenous acid</i>              | <i>Metsilicic acid</i>           |
| <i>Benzoic acid</i>               | <i>Monofluorophosphoric acid</i> |
| <i>Bromic acid</i>                | <i>Muriatic acid</i>             |
| <i>Bromoacetic acid</i>           | <i>Nitrohydrochloric acid</i>    |
| <i>Bromous acid</i>               | <i>Nitrous acid</i>              |
| <i>Butyric acid</i>               | <i>Nitroxanthic acid</i>         |
| <i>Capric acid</i>                | <i>Nitroxyllic acid</i>          |
| <i>Caproic acid</i>               | <i>Oleic acid</i>                |
| <i>Caprylic acid</i>              | <i>Orthoboric acid</i>           |
| <i>Carbazotic acid</i>            | <i>Orthoperiodic acid</i>        |
| <i>Carbonic acid</i>              | <i>Orthosilicic acid</i>         |
| <i>Chloric acid</i>               |                                  |

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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<i>Chloroacetic acid</i>	<i>Orthotelluric acid</i>
<i>Chlorobutyric</i>	<i>Oxalic acid</i>
<i>Chloroisocyanuric acid</i>	<i>Palmitic acid</i>
<i>Chloropropionic acid</i>	<i>Peracetic acid</i>
<i>Chlorosulfonic acid</i>	<i>Perchloric acid</i>
<i>Chlorous acid</i>	<i>Perchromic acid</i>
<i>Chromic acid</i>	<i>Performic acid</i>
<i>Cyanic acid</i>	<i>Periodic acid</i>
<i>Cyanoacetic</i>	<i>Permanganic acid</i>
<i>Dichloroacetic acid</i>	<i>Perrhenic acid</i>
<i>Dichloropropionic acid</i>	<i>Persulfuric acid</i>
<i>Dichromic acid</i>	<i>Pertechnic acid</i>
<i>Diffluorophosphoric acid</i>	<i>Phenol trinitrate</i>
<i>Diphosphoric acid</i>	<i>Phenylacetic acid</i>
<i>Diphosphorous acid</i>	<i>Phenylstearic acid</i>
<i>Disulfuric acid</i>	<i>Phosphoric acid</i>
<i>Disulfurous acid</i>	<i>Phosphorous acid</i>
<i>Dithionic acid</i>	<i>Phthalic acid</i>
<i>Dithionous acid</i>	<i>Picric acid</i>
<i>Etching acid, liquid, n.o.s.</i>	<i>Picronitric acid</i>
<i>Fluoboric acid</i>	<i>Polyacrylic acid</i>
<i>Fluoroacetic acid</i>	
<i>Fluoroboric acid</i>	<i>Polymethacrylic acid</i>
<i>Fluorosulfonic acid</i>	<i>Propionic acid</i>
<i>Formic acid</i>	<i>Rhenic acid</i>
<i>Hexafluorophosphoric acid</i>	<i>Salicylic acid</i>
<i>Hexanoic acid</i>	<i>Sebacic acid</i>
<i>Hydriodic acid gas</i>	<i>Selenic acid</i>
<i>Hydrobromic acid</i>	<i>Stearic acid</i>
<i>Hydrocyanic acid</i>	<i>Sulfoxylic acid</i>
<i>Hydrofluorosilicic acid</i>	<i>Sulfurous acid</i>
<i>Hydrogen bromide</i>	<i>Technetic acid</i>
<i>Hydrogen iodide</i>	<i>Thioglycolic acid</i>
<i>Hypobromous acid</i>	<i>Trichloroacetic acid</i>
<i>Hypochlorous acid</i>	<i>Trinitrophenol</i>
<i>Hypoiodous acid</i>	<i>Triphosphoric acid</i>
<i>Hyponitrous acid</i>	<i>Valeric acid</i>
<i>Hypophosphorous acid</i>	

### 112\* Alkalies

This major group includes chemicals commonly known as alkalies, bases, or caustics. Caustic, unspecified should be coded as 1120. Dry cement mix is coded as 1121 and wet cement mix as 1122. Calcium hydroxide and calcium oxide are included under 1123, Lime. Lye and products, such

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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as drain and oven cleaners containing lye, are included under 1125, sodium and potassium hydroxide, potassium carbonate. Chlorinated lime is included under chlorine and chlorine compounds, n.e.c., code 1319.

**1120 Alkalies, unspecified**

**1121 Cement, mortar mix—dry**

**1122 Cement, mortar mix—wet**

**1123 Lime**

<i>Burnt lime</i>	<i>Pebble lime</i>
<i>Calcium hydroxide</i>	<i>Quick lime</i>
<i>Calcium oxide</i>	<i>Slaked lime</i>
<i>Calx</i>	<i>Unslaked lime</i>
<i>Fluxing lime</i>	

**1124 Limestone, calcium carbonate**

**1125 Sodium and potassium hydroxide, potassium carbonate**

<i>Carbonate of potash</i>	<i>Oven cleaner containing lye</i>
<i>Caustic potash</i>	<i>Pearl ash</i>
<i>Caustic soda</i>	<i>Potassium carbonate</i>
<i>Drain cleaner containing lye</i>	<i>Potassium hydroxide</i>
<i>Lye</i>	<i>Sodium hydroxide</i>

**1128 Multiple alkalies**

**1129 Alkalies, n.e.c.**

<i>Baking soda</i>	<i>Sodium bicarbonate</i>
<i>Soda ash</i>	<i>Sodium carbonate</i>

**12\* Aromatics and hydrocarbon derivatives, except halogenated**

This major group includes alcohols, aldehydes, amines, aromatics, ethers, ketones, peroxides, and nitro hydrocarbons, except for those containing the halogens—chlorine, fluorine, bromine, iodine, or astatine. Halogenated compounds are included under major group 13.

*Includes:* alcohols, antifreeze, aldehydes, amines—nonaromatic, aromatics, ethers, ketones

*Excludes:* halogens and halogen compounds (13\*)

**120 Aromatics and hydrocarbon derivatives, except halogenated, unspecified**

**121\* Alcohols**

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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This category includes various types of alcohols. Antifreeze and radiator coolant are included in this category as a separate subcategory (1211). Source group 121 should be used to code alcohol as the source of injury incurred during the manufacture of alcoholic beverages. Alcoholic beverages, code 1841, should be selected when alcohol is used as a beverage.

### **1210 Alcohols, unspecified**

#### **1211 Antifreeze**

*Radiator coolant*

*Radiator fluid*

#### **1212 Ethanol**

*Cologne spirit*

*Ethyl alcohol*

*Ethyl hydrate*

*Ethyl hydroxide*

*Grain alcohol*

*Methylated spirit*

*Spirit of wine*

#### **1213 Ethylene glycol**

*1,2-Ethanediol*

*Glycol*

*Glycol alcohol*

*EG*

#### **1214 Methanol**

*Carbinol*

*Methyl alcohol*

*Wood alcohol*

*Wood spirits*

#### **1219 Alcohols, n.e.c.**

*Allyl alcohol*

*Amyl alcohol*

*Butyl alcohol*

*Dimethyl carbinol*

*Fusel oil*

*Glycerol*

*Isopropanol*

*Isopropyl alcohol*

*n-butyl alcohol*

*n-propyl alcohol*

*Pentyl alcohols*

*Propanol*

*Propenyl alcohol*

*Propyl alcohol*

*Propylene glycol*

*Rubbing alcohol*

*Secondary propyl alcohol*

*Vinyl carbinol*

### **122\* Aldehydes**

#### **1220 Aldehydes, unspecified**

#### **1221 Formaldehyde**

*Formic aldehyde*

*Methyl aldehyde*

*Methylene oxide*

*Oxomethane*

*Oxymethylene*

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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### 1222 Glutaraldehyde

### 1229 Aldehydes, n.e.c.

<i>2-Furaldehyde</i>	<i>Ethyl aldehyde</i>
<i>Acetaldehyde</i>	<i>Formalin</i>
<i>Acetic aldehyde</i>	<i>Furfural</i>
<i>Acraldehyde</i>	<i>Furfuraldehyde</i>
<i>Acrolein</i>	<i>Furol</i>
<i>Acrylic aldehyde</i>	<i>Propenol</i>
<i>Allyl aldehyde</i>	<i>Propionaldehyde</i>
<i>Butyraldehyde</i>	<i>Pyromucic aldehyde</i>

### 123\* Aromatics

This group contains the cyclical hydrocarbons based on the benzene ring. They are also known as the aromatics. Aromatic amines are included in this group. The nonaromatic amines are coded under 1299.

### 1230 Aromatics, unspecified

#### 1231 Benzene

<i>Benxole</i>	<i>Cyclohextriene</i>
<i>Benzol</i>	<i>Phene</i>
<i>Coal naphtha</i>	<i>Phenyl hydride</i>

#### 1232 Hydroquinone

<i>Benzene-1,4-diol</i>	<i>Quinol</i>
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#### 1233 Toluene

<i>Methylbenzene</i>	<i>Phenylmethane</i>
<i>Methylbenzol</i>	<i>Toluol</i>

#### 1234 Xylene

<i>Dimethylbenzene</i>	<i>Xylol</i>
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#### 1235 Phenol

<i>Carbolic acid</i>	<i>Hydroxybenzene</i>
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#### 1236 Styrene

<i>Ethenyl benzene</i>	<i>Phenylethylene</i>
<i>Styrol</i>	<i>Vinyl benzene</i>

#### 1239 Aromatics, n.e.c.

<i>2-Acetylaminofluorene</i>	<i>Aminodiphenyl</i>
<i>2-Chloroaniline</i>	<i>Aniline</i>
<i>3,3'-Dichlorobenzidine</i>	<i>Benzidine</i>

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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<i>4-Dimethylaminoazobenzene</i>	<i>Butter yellow</i>
<i>alpha-, beta- Naphthylamine</i>	<i>Methyl yellow</i>
<i>Aminobenzene</i>	<i>Moca</i>

### 124\* Ketones

This group includes acetone, diacetyl, methyl ethyl ketone, and methyl n-butyl ketone as well as other ketones

#### 1240 Ketones, unspecified

##### 1241 Acetone

<i>2-Propanone</i>	<i>Dimethyl ketone</i>
<i>Propanone</i>	<i>Pyroacetic ether</i>

##### 1242 Diacetyl

<i>Butanedione</i>	<i>2,3-butanedione</i>
<i>Biacetyl</i>	<i>Dimethyl diketone</i>

##### 1243 Methyl ethyl ketone

<i>Butanone</i>	<i>MEK</i>
<i>Ethyl methyl ketone</i>	

##### 1244 Methyl n-butyl ketone

##### 1249 Ketones, n.e.c.

<i>Methyl isobutyl ketone</i>	
<i>Methyl n-propyl ketone</i>	

### 128 Multiple aromatics and hydrocarbon derivatives, except halogenated

### 129\* Other aromatics and hydrocarbon derivatives, except halogenated

##### 1291 Acrylamide

##### 1292 Acrylonitrile

##### 1293 Dimethylformamide

##### 1294 Dioxane

*1, 4-Dioxane*

##### 1295 Ethylene oxide

<i>Anprolene</i>	<i>Dimethylene oxide</i>
<i>1,2-Epoxyethane</i>	<i>Oxirane</i>

##### 1296 Nitro hydrocarbons, except aromatic

<i>2-Nitropropane</i>	<i>Dinitrophenol (DNP)</i>
<i>4-Nitrobiphenyl</i>	<i>Dinitrotoluene (DNT)</i>

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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<i>Acridine</i>	<i>Hydrazine</i>
<i>Aliphatic and organic nitrogen compounds</i>	<i>Nitrobenzene</i>
<i>Dinitrobenzene</i>	<i>Nitroethane</i>
<i>Dinitro-o-cresol</i>	

### 1299 Aromatics and hydrocarbon derivatives, except halogenated, n.e.c.

<i>2-hexanone</i>	<i>Ethyl ether</i>
<i>Amines—nonaromatic</i>	<i>Ethyl oxide</i>
<i>Anesthetic ether</i>	<i>Isopropyl amine</i>
<i>Butyl amine</i>	<i>Lithium peroxide</i>
<i>Diacetone</i>	<i>MBK</i>
<i>Diacetone alcohol</i>	<i>Mesityl oxide</i>
<i>Diethyl ether</i>	<i>Methyl amine</i>
<i>Diethyl oxide</i>	<i>Methyl ether</i>
<i>Dimethyl ether</i>	<i>Methyl ethyl ether</i>
<i>Ether</i>	<i>Propyl acetone</i>
<i>Ethoxyethane</i>	<i>Propyl amine</i>
<i>Ethyl amine</i>	<i>Vinyl ether</i>

### 13\* Halogens and halogen compounds

This major group contains the halogens—bromine, chlorine, fluorine, iodine, and astatine—and their compounds. Halogenated hydrocarbons, such as carbon tetrachloride, and the fluorocarbons are included in this group. Compounds containing both fluorine and chlorine should be coded under Fluorine and fluorine compounds, 132.

Vinyl chloride and polyvinyl chloride are included under plastics, resins, code 1759. Chlorinated hydrocarbons used as insecticides should be classified under 155. Acids containing the halogens are included under source group 111, Acids.

This group includes table salt and calcium, sodium, and potassium chlorides (1319) when these chemicals are specified. Unspecified salt, rock salt, ice-melting salt, and road salt are classified in Chemical products, n.e.c., code 1899, when the specific chemical is not identified.

*Includes:* bromine and bromine compounds, chlorine and chlorine compounds, fluorine and fluorine compounds, iodine and iodine compounds

*Excludes:* acids containing halogens (111\*); insecticides (155); nonchlorine bleaches (1831); vinyl chloride, polyvinyl chloride (1759); lead salts (144)

\*-Asterisks denote a summary level code not assigned to individual cases.



## SOURCE

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- 130 Halogens and halogen compounds, unspecified**
- 131\* Chlorine and chlorine compounds**
- 1310 Chlorine compounds, unspecified**
- 1311 Chlorine, chlorine bleach**
- 1312 Dichloromethane**  
*Methylene chloride*
- 1313 Perchloroethylene**  
*Tetrachlorethylene*
- 1314 Phosgene**
- 1315 Trichloroethylene**
- 1319 Chlorine compounds, n.e.c.**
- |                             |                                  |
|-----------------------------|----------------------------------|
| <i>Biphenyls</i>            | <i>PCBs</i>                      |
| <i>Calcium chloride</i>     | <i>Pentachlorophenol</i>         |
| <i>Carbon chloride</i>      | <i>Polychlorinated biphenyls</i> |
| <i>Carbon tetrachloride</i> | <i>(PCBs)</i>                    |
| <i>Chlorinated lime</i>     | <i>Polychlorinates</i>           |
| <i>Chloroethane</i>         | <i>Potassium chloride</i>        |
| <i>Chloroform</i>           | <i>Sodium chloride</i>           |
| <i>Chloromethane</i>        | <i>Table salt</i>                |
| <i>Ethyl chloride</i>       | <i>Tetrachloromethane</i>        |
| <i>Methyl chloride</i>      | <i>White potash</i>              |
| <i>Muriate of potash</i>    |                                  |
- 132\* Fluorine and fluorine compounds**
- 1320 Fluorine compounds, unspecified**
- 1321 Fluorine**
- 1322 Fluorotrichloromethane**
- |                                   |                                   |
|-----------------------------------|-----------------------------------|
| <i>Freon</i>                      | <i>Trichlorofluoromethane</i>     |
| <i>Monofluorotrichloromethane</i> | <i>Trichloromonofluoromethane</i> |
| <i>Refrigerant 11</i>             |                                   |
- 1329 Fluorine compounds, n.e.c.**
- |                        |                            |
|------------------------|----------------------------|
| <i>Methyl fluoride</i> | <i>Other fluorocarbons</i> |
|------------------------|----------------------------|
- 139 Halogens and halogen compounds, n.e.c.**
- |                               |                                    |
|-------------------------------|------------------------------------|
| <i>Astatine and compounds</i> | <i>Iodine and iodine compounds</i> |
| <i>Bromine and compounds</i>  | <i>Methyl bromide</i>              |
| <i>Ethylene dibromide</i>     | <i>Potassium bromide</i>           |

\*-Asterisks denote a summary level code not assigned to individual cases.

**14\* Metallic particulates, trace elements, dusts, powders, fumes**

This group includes metallic fumes, particulates, and liquid solutions other than molten metals. Welding fumes as well as fumes from other heating or smelting processes are included. When the injury is due to solid metal ores or due to the radiation properties of a metal, use Metallic minerals, major group 54\*.

Finished metal products should be coded under the appropriate functional category.

*Includes:* arsenic and compounds; beryllium and compounds; cadmium and compounds; lead and compounds; mercury and compounds; aluminum and compounds; antimony and compounds; chromium and compounds including hexavalent chromium; iron and compounds; magnesium and compounds; manganese and compounds; nickel and compounds; zinc and compounds; welding or soldering fumes, unspecified or n.e.c.; metallic dusts

*Excludes:* finished metal products; molten or solid metals (45\*); radiating metals (542\*); coal dust (161); grain dust (5891); other nonmetallic dusts (55\*, 941\*)

**140 Metallic particulates, trace elements, dusts, powders, fumes, unspecified**

**141 Arsenic and compounds**

**142 Beryllium and compounds**

**143 Cadmium and compounds**

**144 Lead and compounds**

This code includes both organic and inorganic lead compounds. Lead chromate is coded in Chromium and chromium compounds.

*Alkyl lead*

*Lead acetate*

*Lead arsenate*

*Lead dioxide*

*Lead oxide*

*Lead salts*

*Lead soaps*

*Tetraethyl lead*

*Tetramethyl lead*

**145 Mercury and compounds**

**146\* Other metallics and compounds**

**1460 Other metallics and compounds, unspecified**

**1461 Aluminum and compounds**

**1462 Antimony and compounds**

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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### **1463 Chromium and compounds**

*Calcium chromate*

*Chromium trioxide*

*Hexavalent chromium*

*Lead chromate*

*Strontium chromate*

*Zinc chromate*

### **1464 Manganese and compounds**

### **1465 Cobalt and compounds**

### **1469 Metallics and compounds, n.e.c.**

*Copper sulfate compounds*

*Iron and compounds*

*Magnesium and compounds*

*Nickel and compounds*

*Zinc and compounds*

### **147 Welding or soldering fumes, unspecified or n.e.c.**

This code includes fumes and vapors from the welding, brazing, soldering, and cutting of galvanized steel as well as other metals, with the exception of lead. Fumes containing lead compounds should be coded under Lead and lead compounds, code 144. Fumes given off by other heat processes including smelting should be coded under the appropriate metal compound, if known. If unknown, the unspecified category 140 should be used.

### **148 Multiple metallics and metallic compounds**

### **149 Metallic particulates, trace elements, dusts, powders, fumes, n.e.c.**

### **15\* Pesticides and other agricultural chemicals**

This category includes such substances as insecticides, pesticides, herbicides, fumigants, rodenticides, and fungicides. These substances should be coded in this category whether used in the agricultural and horticultural industries, by commercial exterminating and pest control companies, or by companies in other industries. Mixtures of plant foods and fertilizers with herbicides are coded under 154, herbicides. Only fertilizers not elsewhere classifiable should be included in code 151. An unspecified pesticide should be coded 150. Calcium hydroxide, calcium oxide, and lime should be classified under code 1123. Ammonium compounds should be classified under code 171\*.

*Includes:* fertilizers and plant food, n.e.c.; fumigants, n.e.c.; fungicides; herbicides; insecticides; rodenticides

*Excludes:* ammonium compounds (171\*); calcium hydroxide, calcium oxide, lime (1123); muriate of potash, white potash (1319); phosphine (1794)

### **150 Pesticides and other agricultural chemicals, unspecified**

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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### 151 Fertilizers, plant food, n.e.c.

This code includes fertilizers and plant foods not elsewhere classifiable. Mixtures of fertilizers and plant foods with herbicides are included under 154, Herbicides.

*Superphosphates*

### 152 Fumigants, n.e.c.

Included in this category are substances in the form of "smoke" or fumes used as an exterminating agent and that are not classifiable elsewhere. Fumigants used as disinfecting agents are classified under code 1832, if the specific chemical is unknown.

### 153 Fungicides

Included in this category are the various substances used to destroy or control the growth of fungi within an agricultural or horticultural setting. Fungicides used in other commercial or industrial settings should be coded under Cleaning and polishing agents, code 183\*.

*Dithiocarbamates*

*Ferban*

*Maneb*

*Nabam*

*Organic mercurials (used in seed dressing)*

*Zineb*

*Ziram*

### 154 Herbicides

Chemicals in this code are used to control plant growth of various types. This category includes weed killers as well as mixtures of plant foods and fertilizers with herbicides.

*2,3,6-TBA*

*2,4-D*

*2, 4-DEP*

*2,4,5-T*

*Agent orange*

*Atrazine*

*Benzoic acids*

*Bipyridyls*

*Carbamate herbicides*

*Chlorates*

*Chlorfenec*

*Crag herbicide*

*Delapon*

*Dinitro-orthoeresol (DNOC)*

*Dinoseb (DNBP)*

*Diquat*

*Diuron*

*Erbon*

*Fenuron*

*MCPA*

*MCPB*

*Monuron*

*Paraquat*

*Phenylacetic acids*

*Silvex*

*Simazine*

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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*Dicamba* *Thiocarbamate herbicides*  
*Dinitro compounds* *Triazines*  
*Dinosam (DNAP)* *Vapam*  
*2, 4, 5-Trichlorophenoxyacetic acid (2, 4, 5-T)*  
*-(2,4,5-trichlorophenoxy) propionic acid*  
*4-chloro-2-methylphenoxyacetic acid*  
*2-chloro-4, 6-bis(ethylamino)-S-triazine*  
*Mixtures of plant foods and fertilizers with herbicides*

### 155 Insecticides

This code includes various chemicals used to control insects and includes organochlorine compounds or chlorinated hydrocarbons; organophosphorus compounds; carbamates; and other compounds.

*Kerosene insecticides*  
*Pyrethrum*  
*Rotenone*

### 156 Rodenticides

Included in this category are various substances used to destroy or control mice, rats, squirrels, and other rodents.

*Coumarins* *Squill and derivatives*  
*Diphacin* *Strychnine*  
*Fluoroacetates* *Thallium sulfate*  
*Indandiones* *Valone*  
*Pival (Pivalyn)* *Warfarin*  
*Sodium fluoroacetate* *Zinc phosphide*

### 158 Multiple agricultural chemicals

This category includes combinations of agricultural and horticultural chemicals or pesticides, when these chemicals are classifiable under two or more different 3-digit categories. Excluded from this category are mixtures of fertilizers or plant foods and herbicides (154).

### 159 Pesticides and other agricultural chemicals, n.e.c.

This category includes other agricultural chemicals and pesticides not classifiable elsewhere.

### 16\* Coal, natural gas, petroleum fuels and products

This category includes coal, natural gas, petroleum, and petroleum fuels and

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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distillates. Excluded from this category are petroleum solvents (187\*), and pesticides and other agricultural chemicals (major group 15).

*Includes:* coal, coal dust, coke, crude oil, gasoline, natural gas, petroleum, petroleum distillates and fuels, lubricating greases and oils, paving asphalt, asphaltic cement

*Excludes:* pesticides and other agricultural chemicals (15\*); paints (186\*); petroleum solvents (187\*); roofing asphalt, roofing tar (461)

### **160 Coal, natural gas, petroleum fuels and products, unspecified**

#### **161 Coal, coal dust**

#### **162 Natural gas**

#### **163 Petroleum, crude oil**

### **164\* Petroleum fuels, distillates, and products, n.e.c.**

#### **1640 Petroleum fuels, distillates, and products, unspecified**

#### **1641 Gasoline, diesel fuel, jet fuel**

*Kerosene used as jet fuel*

#### **1642 Lubricating greases, cutting oils**

*Metalworking fluids*

#### **1643 Propane**

#### **1644 Paving asphalt, asphaltic cement**

*Excludes:* roofing asphalt and roofing tar (461)

#### **1649 Petroleum fuels, distillates, and products, n.e.c.**

*Coke—petroleum*

*Heating oil*

*Kerosene (except jet fuels)*

### **169 Coal, natural gas, petroleum fuels and products, n.e.c.**

*Butane*

*Coke—coal*

### **17\* Other chemicals**

This category includes ammonia and its compounds, cryogenic gases, certain cyanide compounds, oxygen and certain oxides, plastics and resins, sewer and mine gas, methane, sulfur and sulfur compounds, and other chemical and chemical products not elsewhere classifiable.

*Includes:* ammonia and ammonium compounds; carbon dioxide, carbon

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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monoxide; cryogenic gases; cyanide and cyanide compounds, n.e.c.; dry ice; methane, mine gas; oxygen and oxygen compounds, n.e.c.; plastics, resins; sewer gas; sulfur, sulfur compounds, sulfur dioxide

### **170 Other chemicals, unspecified**

### **171\* Ammonia and ammonium compounds**

This group includes ammonia in various forms as well as ammonium compounds. This group includes ammonium compounds used as fertilizers, cleansers, explosives, etc.

#### **1710 Ammonia and ammonium compounds, unspecified**

#### **1711 Ammonia, anhydrous ammonia**

#### **1712 Ammonium sulfate**

#### **1718 Multiple ammonia and ammonium compounds**

#### **1719 Ammonia and ammonium compounds, n.e.c.**

*Ammonium hydroxide*

*Ammonium nitrate*

### **172 Cryogenic gases**

This group includes liquefied gases at very low temperatures.

*Includes:* liquid helium, hydrogen, nitrogen, oxygen; liquefied argon, krypton, neon

### **173\* Cyanide and cyanide compounds**

This group includes cyanide and its compounds, not elsewhere classifiable. Cyanates and isocyanates that are used in the manufacture of plastics are coded under Plastics, resins—code 175\*.

#### **1730 Cyanide and cyanide compounds, unspecified**

#### **1731 Hydrogen cyanide**

#### **1739 Cyanide and cyanide compounds, n.e.c.**

### **174\* Oxygen and oxygen compounds**

This group includes carbon monoxide, carbon dioxide, dry ice, various nitrogen oxides, nonliquefied oxygen, and ozone. Carbon monoxide resulting from the incomplete combustion of fuels and that contained in motor vehicle exhaust gas, blast furnace gas, or kiln vapor is included in 1741. Smoke and fire gases are included in codes 924\*. Liquefied oxygen is coded under 172, Cryogenic gases. Sulfur dioxide is coded

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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1773. Nitrogen is coded 1791. Ethylene oxide is coded 1295.

### **1740 Oxygen and oxygen compounds, unspecified**

#### **1741 Carbon monoxide**

*Blast furnace gas*

*Kiln vapor*

*Motor vehicle exhaust gas*

*Results of incomplete combustion of fuels*

#### **1742 Carbon dioxide, dry ice**

#### **1743 Nitrogen oxides**

*Dinitrogen pentoxide*

*Nitrogen dioxide*

*Dinitrogen tetroxide*

*Nitrogen oxide*

*Laughing gas*

*Nitrous oxide*

*Nitric oxide*

*Nitrous trioxide*

*Other oxides of nitrogen*

#### **1744 Osmium tetroxide**

#### **1748 Multiple oxygen and oxygen compounds**

#### **1749 Oxygen and oxygen compounds, n.e.c.**

*Benzoyl peroxide*

*Ozone*

*Hydrogen peroxide*

*Potassium peroxide*

*Non-liquid oxygen*

*Sodium peroxide*

*Oxygen gas, except liquefied*

### **175\* Plastics, resins**

This group includes various substances and intermediate products used in the manufacture of plastics and resins, including cyanates, resins, urethanes, vinyl chloride, and various elasticizers, monomers, and polymers.

#### **1750 Plastics, resins, unspecified**

*Fumes from unspecified plastics*

#### **1751 Cyanates, urethanes**

*Di-isocyanates*

*Polyurethane*

*Isocyanates*

*Urethane*

*Toluene diisocyanates (TDI)*

*Methylenebis (phenyl isocyanate) MDI*

*Polymeric MDI (PAPI)*

#### **1752 Resins**

\*-Asterisks denote a summary level code not assigned to individual cases.



## SOURCE

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*Acrylic resin*

*Resin*

*Epoxy resin*

*Silicone resin*

**1759 Plastics, resins, n.e.c.**

*Bakelite*

*Polymer*

*Elastomers*

*Polypropylene*

*Ethyl silicate*

*Polystyrene*

*Ethylene diamine*

*Polyvinyl acetate*

*Monomer*

*Polyvinyl chloride*

*Vinyl chloride*

**176\* Sewer, mine, and similar gases**

This group includes sewer and mine gas and fumes that are not classifiable elsewhere. Hydrogen sulfide is classified in 1771.

**1760 Sewer, mine, and similar gases, unspecified**

**1761 Methane gas**

**1762 Mine gas**

**1763 Sewer gas**

**1764 Manure gas**

**1769 Sewer, mine, and similar gases, n.e.c.**

**177\* Sulfur and sulfur compounds**

This group includes carbon bisulfide, hydrogen sulfide, sulfur dioxide, and other sulfur compounds.

*Excludes:* sulfuric acid (1115)

**1770 Sulfur and sulfur compounds, unspecified**

**1771 Hydrogen sulfide**

**1772 Carbon bisulfide**

*Carbon disulfide*

**1773 Sulfur dioxide**

**1778 Multiple sulfur and sulfur compounds**

**1779 Sulfur and sulfur compounds, n.e.c**

**178 Multiple chemicals or chemical mixtures, n.e.c.**

This category is to be used for toxic, noxious, and otherwise injurious fumes, vapors, or chemical exposures resulting from the mixing or combining of chemicals or chemical products from different major groups. This code may also be applicable as the secondary source for explosions

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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resulting from the mixture of two or more chemicals falling in different two-digit categories.

This category also includes cases where two or more chemicals or chemical products falling in different two-digit categories are named as the source or secondary source or when the nonspecific "Multiple chemicals" is the source or secondary source.

### **179\* Other chemicals, n.e.c.**

**1791 Nitrogen**

**1792 Helium**

**1793 Hydrogen**

**1794 Phosphine, phosphane**

**1799 Chemicals, n.e.c.**

*Acetylene*

*Metal plating solutions, unspecified*

*Esters*

*Potting compound hardener*

*Flux*

### **18\* Chemical products—general**

This category includes chemical products of various types. This category should be used only when the specific chemical is unknown or is not classifiable elsewhere.

*Includes:* adhesives, alcoholic beverages, beauty products, cleaning agents, cosmetics, drugs, explosives, glues, medicines, paints, lacquers, varnishes, solvents, degreasers

*Excludes:* pesticides (15\*); specified chemicals

#### **180 Chemical products, unspecified**

*Fire extinguisher chemicals, unspecified*

#### **181 Adhesives, glues, n.e.c.**

This group includes adhesives, glues, and pastes that are not elsewhere classified.

#### **182 Beauty preparations, cosmetics**

This code includes beauty preparations and other cosmetics. Soaps, shampoos, and dyes used as hair preparations or cosmetics are classified in this category. Other shampoos, detergents, and soaps used for commercial or industrial purposes are coded to source group 183, Cleaning and polishing agents, n.e.c.

\*-Asterisks denote a summary level code not assigned to individual cases.

<i>Baby oil</i>	<i>Perfumes</i>
<i>Facial cleansing masks</i>	<i>Permanent solutions</i>
<i>Hair dyes</i>	<i>Petroleum jelly</i>
<i>Make-up</i>	<i>Soaps</i>
<i>Face creams</i>	

**183\* Cleaning and polishing agents, disinfectants**

This group includes detergents, bleaches, soaps, polishes, disinfectants, and drain and oven cleaners that are not classifiable to specific chemical categories.

Soaps and shampoos used as hair preparations or as cosmetics are classified under code 182, Beauty preparations and cosmetics. Chlorine bleach and other chlorine-based cleansers are coded under Chlorine and chlorine compounds, code 131\*. Ammonia and ammonia compounds are included under 171\*. Solvents are coded under 187\*. Drain and oven cleaners containing lye are coded under 1125, Sodium and potassium hydroxides; those containing sulfuric acid are coded under 1115. Cleaners containing phosphoric acid are coded under 1119.

**1830 Cleaning and polishing agents, unspecified****1831 Bleach—nonchlorine, nonperoxide****1832 Disinfectants***Fumigants used as disinfecting agents***1833 Drain and oven cleaners****1834 Soap products****1835 Synthetic detergents and shampoos****1838 Multiple cleaning and polishing agents****1839 Cleaning and polishing agents, n.e.c.***Floor strippers**Other cleaners**Polishes**Scouring powders**Toilet cleaners**Metal cleaning compounds***184\* Drugs, alcohol, and medicines**

This category includes prescription drugs, nonprescription or over the counter drugs, as well as alcoholic beverages and drugs used for nonmedicinal purposes. Alcohols in preparations not intended for consumption are coded under 121\*. Alcoholic beverages and nonmedicinal drugs should not be coded for secondary source. Nonmedicinal drugs (1842) include heroin, methamphetamines, marijuana, and other recreational drugs. Drugs that are normally used for

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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medicinal purposes, such as over the counter drugs and prescription drugs, but used recreationally are coded in 1843 Medicines, except vaccines. Vaccines are coded in 1844. Combinations of drugs or alcohol from two or more 4-digit categories are coded in 1848 Multiple drugs, alcohol, and medicines.

**1840 Drugs, alcohol, and medicines, unspecified**

**1841 Alcoholic beverages**

**1842 Drugs—nonmedicinal**

**1843 Medicines, except vaccines**

*Anesthetics*

*Over the counter drugs*

*Prescription drugs*

**1844 Vaccines**

**1848 Multiple drugs, alcohol, and medicines**

**1849 Drugs, alcohol, and medicines, n.e.c.**

**185\* Explosives, blasting agents**

This category includes explosives, materials used as detonators, gunpowder, and fireworks. Excluded from this category are substances classifiable to specific chemical or mineral categories. Ammonium nitrate is coded 1719. Ammunition is included in major group 782.

*Excludes:* explosive devices (7813)

**1850 Explosives, blasting agents, unspecified**

**1851 Dynamite**

**1852 Flammable gas, unspecified**

**1853 Gunpowder**

**1854 Pyrotechnics, fireworks**

**1859 Explosives, blasting agents, n.e.c.**

*Blasting cap*

*Detonator*

**186\* Paint, lacquer, shellac, varnish**

This category includes various types of paints and other finishes such as varnishes, shellacs, and lacquers. Epoxy is coded under 1752, Resins. Urethane and polyurethane are code 1751.

**1860 Paint, lacquer, shellac, varnish, unspecified**

**1861 Lacquer, shellac, varnish**

**1862 Paint**

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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**1868 Multiple paint, lacquer, shellac, or varnishes**

**1869 Paint, lacquer, shellac, varnish, n.e.c.**

**187\* Solvents, degreasers**

This category includes solvents and degreasers, not elsewhere classifiable. Carbon tetrachloride, perchloroethylene, and trichloroethylene are coded under Chlorine and chlorine compounds, source group 131.

**1870 Solvents, degreasers, unspecified**

**1871 Naphtha solvents**

*Benzine*

*Cleaners' naphtha*

*Dry cleaning fluid*

*Mineral spirits*

*Petroleum ether*

*Naphtha*

*Naphtha solvents*

*Naphthalene*

*Stoddard solvent*

**1872 Paint removers, thinners**

**1873 2-Butoxyethanol**

**1878 Multiple solvents, degreasers**

**1879 Solvents, degreasers, n.e.c.**

**189\* Other chemical products—general**

This category includes other general chemical products, not elsewhere classifiable.

*Includes:* dyes, inks, photographic and copying solutions, rock salt and road salt when the specific chemical is unknown

**1891 Dyes, inks**

*Excludes:* food dyes (1893), hair dyes (182)

**1892 Photographic and copying solutions**

*Clearing agents*

*Copying machine fluids*

*Developers*

*Film developing solutions*

*Fixers*

*Mimeograph fluid*

*Photographic chemicals*

*Stop baths*

*Surfactants*

*Toners*

**1893 Food colorings and flavorings**

*Food dyes*

**1899 Chemical products, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.

**SOURCE**

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*Includes:* ice-melting salt, rock salt, road salt, salt,  
unspecified

*Excludes:* table salt (1319)

**19 Chemicals and chemical products, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.

**2\* CONTAINERS, FURNITURE AND FIXTURES**

This division classifies receptacles that are commonly used to hold, store, or carry materials. All containers may be empty or full. Injuries resulting from contact with the spilt contents of the container should be coded according to the contents that inflicted the injury. Pressurized and nonpressurized containers are fix-shaped receptacles used to hold, store, or carry materials. Variable restraint containers include bundles, packages, and rolls where the material being contained is often the surface of the container. This division also classifies furniture; lighting and plumbing fixtures; and floor, wall, and window coverings. The furniture and fixtures classified here may be of any composition, and may be designed for use in households, businesses, or public buildings.

*Includes:* pressurized containers; nonpressurized containers; variable restraint containers; dishes, cups, glasses; luggage; skids and pallets; septic tanks, cases, cabinets, racks, shelves; floor, wall, and window coverings; furniture; other fixtures

*Excludes:* coffee makers (3321); sleeping bags (7634); storm drains (6122); pipes, ducts, tubing (412\*); heating, cooling, and cleaning machinery and appliances (33\*); audio and video equipment (391\*); car seats (489); plumbing systems (642); structures (63\*); pianos (7931); container covers, caps, lids (491); clocks (791)

**20 Containers, furniture, and fixtures, unspecified**

**21\* Containers**

**210 Containers, unspecified**

**211\* Containers—nonpressurized**

This group classifies containers which are fix-shaped receptacles used to hold, store, or carry materials.

*Includes:* bags, sacks; barrels, drums; bottles, jugs, flasks; boxes, crates, cartons; buckets, baskets, pails; cans; pots, pans, trays; tanks, bins, and vats; air cargo and shipping containers

*Excludes:* pressurized containers (212\*); beer kegs (2126); variable restraint containers (213\*); dishes, drinking cups, and beverage glasses (214\*); luggage (215\*); handbags (2152); skids and pallets (216); groceries (5228); laundry (914);

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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laundry carts (871); toy boxes (2212); lobster and crab pots (795\*)

### 2110 Containers—nonpressurized, unspecified

#### 2111 Bags, sacks

*Includes:* trash bags, grocery bags, laundry bags, biohazard bags

*Excludes:* mail bags—shoulder (2156); handbags (2152); shoulder bags, except mail (2152)

#### 2112 Barrels, drums—except pressurized

*Barrels—coopered wooden*

*Breaker*

*Casks*

*Drums—fiber*

*Firkins*

*Kegs—coopered wooden*

*Kilderkins*

*Milk shipping containers*

*Oil drums*

*Shipping drums*

*Wine barrels*

#### 2113 Bottles, jugs, flasks

*Paper bottles*

*Decanters*

*Hot-water bottles*

*Jars*

*Medicine bottles*

*Vases*

*Milk bottles, jugs*

*Packing bottles*

*Packing jugs*

*Vials*

*Water bottles*

*Thermoses*

#### 2114 Boxes, crates, cartons

*Ammunition boxes*

*Boxes—cardboard*

*Boxes—corrugated*

*Boxes—fiberboard*

*Boxes—filing*

*Boxes—gaylord*

*Boxes—newsboard*

*Boxes—setup*

*Boxes—wooden*

*Cases—plastic utility*

*Cases of paper*

*Portable coolers*

*Toy boxes*

*Chicken coops (crates)*

*Coffins*

*Egg cartons*

*Food boxes*

*Mailing cases*

*Mailing crates*

*Milk, juice, ice cream cartons*

*Shipping crates*

*Shipping hampers*

*Tubes—cardboard*

*Cases of food or beverages*

*Tool boxes*

#### 2115 Buckets, baskets, pails

*Baskets—wicker*

*Flower and fruit baskets*

\*-Asterisks denote a summary level code not assigned to individual cases.



## SOURCE

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|---|--|
| <i>Baskets—wire</i>                             | <i>Gabion baskets<br/>(unassembled)</i>              |
| <i>Baskets—wooden</i>                           | <i>Laundry baskets</i>                               |
| <i>Buckets—coopered wooden</i>                  | <i>Milk pails</i>                                    |
| <i>Buckets—metal</i>                            | <i>Picnic baskets</i>                                |
| <i>Bushels</i>                                  | <i>Pitchers</i>                                      |
| <i>Dinner pails</i>                             | <i>Shopping hand baskets</i>                         |
|   | <i>Slop pails</i>                                    |
| <b>2116 Cans</b>                                |  |
| <i>Aluminum cans</i>                            | <i>Gasoline cans</i>                                 |
| <i>Beverage cans</i>                            | <i>Milk cans</i>                                     |
| <i>Canisters</i>                                | <i>Oil cans</i>                                      |
| <i>Canned foods</i>                             | <i>Packing cans</i>                                  |
| <i>Foil-fiber cans</i>                          | <i>Tin cans</i>                                      |
| <i>Food cans</i>                                | <i>Trash cans</i>                                    |
| <i>Garbage can</i>                              | <i>Watering cans</i>                                 |
| <i>Paint cans</i>                               |  |
| <b>2117 Pots, pans, trays</b>                   |  |
| <i>Ashtrays</i>                                 | <i>Kettles—nonpressurized</i>                        |
| <i>Baking pans</i>                              | <i>Pans—kitchen</i>                                  |
| <i>Bread pans</i>                               | <i>Pots—kitchen</i>                                  |
| <i>Cake pans</i>                                | <i>Serving trays</i>                                 |
| <i>Dishpans</i>                                 | <i>Skillets</i>                                      |
| <i>Dustpans</i>                                 | <i>Trays—plastic</i>                                 |
| <i>Frying pans</i>                              | <i>Woks</i>  |
| <i>Pots for plants</i>                          | <i>Portable planters</i>                             |
| <i>Flowerpots</i>                               | <i>Teapots</i>                                       |
| <b>2118 Tanks, bins, vats—nonconfined space</b> |  |
| <i>Aquariums</i>                                | <i>Tanks—coopered</i>                                |
| <i>Trash bins</i>                               | <i>Dumpsters</i>                                     |
| <i>Troughs</i>                                  | <i>Tubs—coopered</i>                                 |
| <i>Tubs—excluding bathtubs</i>                  | <i>Melting pots</i>                                  |
| <i>Vats—wooden</i>                              | <i>Laundry bins</i>                                  |
| <i>Septic tanks</i>                             | <i>Tubs—bus or other kitchen</i>                     |
| <i>Postal containers, lugs</i>                  | <i>Harvest lugs</i>                                  |
| <i>Wine vats</i>                                | <i>Vats—stainless steel (except<br/>pressurized)</i> |
| <b>2119 Containers—nonpressurized, n.e.c.</b>   |  |
| <i>Air cargo containers</i>                     | <i>Laundry hampers</i>                               |
| <i>Intermodal shipping containers</i>           |  |

\*-Asterisks denote a summary level code not assigned to individual cases.

**212\* Containers—pressurized**

This group classifies pressurized containers which are fix-shaped receptacles used to hold, store, or carry gases, vapors, or liquids.

*Includes:* boilers; hoses; pressure lines; pressurized tanks and cylinders

*Excludes:* nonpressurized tanks (2118); air compressors (3991); pressure-cooking equipment (332\*); pipes, ducts, tubing (412\*); valves (423)

**2120 Containers—pressurized, unspecified****2121 Boilers**

*Industrial boilers*

*Marine boilers*

*Power boilers*

*Pressure stills*

**2122 Hoses**

*Fire hoses*

*Garden, water hoses*

*Hoses—metal*

*Hoses—plastic*

*Hoses—rubber*

*Pneumatic hoses*

*Pressure hoses*

**2123 Oxygen tanks and cylinders**

*Pressurized oxygen tanks and cylinders*

**2124 Pressure lines, except hoses****2125 Propane tanks and cylinders**

*Pressurized propane tanks and cylinders*

**2126 Beer and soda kegs****2127 Fire extinguishers****2129 Containers—pressurized, n.e.c.**

*Includes:* air receiver tanks, pressure gas tanks, pressure housings, other pressurized cylinders, other pressurized vats, drums—pressurized containers

*Excludes:* pressure cookers (332\*), pressure fryers (3322)

**213\* Containers—variable restraint**

This group classifies containers including bundles, packages, and rolls where the material being contained is usually the surface of the container

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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(that is, the item is not contained by anything distinct).

*Includes:* bundles, bales; packages, parcels; reels, rolls, spools, coils, cones

*Excludes:* nonpressurized containers (211\*); pressurized containers (212\*); pallets (216); boxed parcels and packages (2114)

### **2130 Containers—variable restraint, unspecified**

#### **2131 Bundles, bales**

*Bales of cotton*

*Bundles of shingles*

*Bales of hay*

#### **2132 Packages, parcels**

*Mailing packages, parcels*

*Paper packages, parcels*

#### **2133 Reels, rolls, spools, coils, cones**

*Beams, bolts of fabric*

*Rolls of carpet*

*Reels of metal banding, wire*

*Rolls of fabric*

*Reels of steel wool*

*Rolls of paper*

*Spools of wire*

*Coils of wire*

*Coils of steel*

*Cones of yarn*

*Rolls of linoleum*

*Rolls of roofing paper*

### **2139 Containers—variable restraint, n.e.c.**

### **214\* Dishes, drinking cups, beverage glasses**

This group classifies containers which are commonly used for drinking and eating.

*Includes:* dishes, bowls; drinking cups, beverage glasses

*Excludes:* bottles (2113); pitchers (2115); pots, pans, trays (2117); cooking and eating utensils, except knives (792)

### **2140 Dishes, drinking cups, beverage glasses, unspecified**

#### **2141 Dishes, bowls**

*Bowls—any use or composition*

*Dishes—any use or composition*

*Plates—any use or composition*

#### **2142 Glasses—beverage, drinking cups**

*Beer mugs*

*Glasses—drinking*

*Cups—drinking*

*Wine glasses*

\*-Asterisks denote a summary level code not assigned to individual cases.

*Cups—measuring***2149 Dishes, drinking cups, beverage glasses, n.e.c.****215\* Luggage, handbags**

This category classifies container-carriers which are used for holding and carrying personal belongings.

*Includes:* briefcases; handbags, pocketbooks, wallets, tote bags; backpacks; suitcases, baggage, luggage; computer and laptop cases; mail bags and satchels—shoulder; tool belts

*Excludes:* footlockers, chests (2212); lockers (2215)

**2150 Luggage, handbags, unspecified****2151 Briefcases***Portfolios***2152 Handbags, pocketbooks, wallets, tote bags***Billfolds**Purses**Book bags, except backpacks**Shoulder bags—except mail**Cosmetic pouches**Bags—hand***2153 Suitcases, baggage, luggage***Gym bags**Suit bags**Overnight bags**Flight bags**Carry-on bags**Duffel bags***2154 Computer and laptop cases****2155 Backpacks****2156 Mail bags and satchels—shoulder***Bags—mail satchel**Mail bags—shoulder***2157 Tool belts****2158 Multiple luggage and handbags****2159 Luggage, handbags, n.e.c.***Golf bags**Musical instrument cases***216 Skids, pallets**

This code classifies skids and pallets of any use or composition including those used as working surfaces.

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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*Includes:* skids, pallets, pallet containers

**218 Multiple types of containers**  
*Luggage and boxes*

**219 Containers, n.e.c.**

This code classifies all containers that are not elsewhere classified in the Containers major group.

**22\* Furniture and fixtures**

**220 Furniture and fixtures, unspecified**

**221\* Cases, cabinets, racks, shelves**

This source group classifies free-standing or built-in cases, cabinets, counters, racks, lockers, and shelves. These items may be designed for household, office, public building, or other use. Items that have been manufactured and ready for installation are included here.

*Includes:* bookcases; display and storage cabinets and cases; counters, counter tops; garment and other racks; lockers; partitions; shelving; cages

*Excludes:* boxes, crates, cartons (2114); refrigerated lockers (3314); cases of food or other product (2114); cases of paper (2114); entertainment centers (2239)

**2210 Cases, cabinets, racks, shelves, unspecified**

**2211 Bookcases**

*Bookcases—any composition*  
*Bookcases—built-in*

*Bookcases—free-standing*

**2212 Cabinets, cases—display, storage**

*Cedar chests*

*China cabinets*

*Footlockers*

*Kitchen cabinets*

*Medicine cabinets*

*Cabinets, cupboard doors*

*Safes*

*Office or file cabinets*

*Showcases*

*Tool chests*

*Toy chests, boxes*

*Treasure chests*

*Filing cabinets*

*Bathroom vanities*

**2213 Counters, counter tops**

*Bar counters*

*Kitchen counters*

*Bathroom vanity tops*

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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### **2214 Racks—garment and other**

<i>Book and magazine racks</i>	<i>Display racks</i>
<i>Clothes-drying racks</i>	<i>Mail-sorting racks</i>
<i>Coat racks</i>	<i>Bread racks</i>
<i>Bike racks</i>	<i>Kitchen racks</i>
<i>Tool racks</i>	<i>Clothing fixtures</i>

### **2215 Lockers**

*Includes:* wall lockers

*Excludes:* refrigerated lockers

### **2216 Partitions**

<i>Office partitions</i>	<i>Room partitions</i>
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### **2217 Shelves, shelving**

This code should be used as secondary source when the primary source of the injury is an object that fell from a shelf.

<i>Display shelving</i>	<i>Office and store shelving</i>
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### **2218 Cages, cage racks**

### **2219 Cases, cabinets, racks, shelves, n.e.c.**

### **222\* Floor, wall, and window coverings**

This group classifies floor, wall, and window coverings such as carpets, wallpaper, and curtains.

*Includes:* floor coverings; wall coverings; window coverings, blinds, shades, or draperies

*Excludes:* floor surfaces (662\*); sidewalks (664\*); rolls of carpet or linoleum (2133); ceiling tiles (4141); vinyl floor tiles (4144); wood paneling (4152); sheet flooring (4195); siding (4196); wallboard (4198)

### **2220 Floor, wall, and window coverings, unspecified**

### **2221 Floor coverings—nonstructural**

<i>Carpet (except rolls)</i>	<i>Linoleum (except rolls)</i>
<i>Floor mats</i>	<i>Area rugs (except rolls)</i>
<i>Throw rugs (except rolls)</i>	<i>Door mats</i>

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\*-Asterisks denote a summary level code not assigned to individual cases.

**2222 Wall coverings**  
*Wall panels—acoustic* *Wallpaper (except rolls)*

**2223 Window coverings, blinds, shades, draperies**  
*Blinds* *Venetian blinds*  
*Curtains* *Window shades*  
*Drapes*

**2229 Floor, wall, and window coverings, n.e.c.**

**223\* Furniture**

This group classifies different types of home, office, and workshop furniture as well as that located in public buildings.

*Includes:* beds, mattresses; benches, workbenches, saw horses; chairs; desks; sofas; tables, worktables

*Excludes:* cases, cabinets, racks, shelves (221\*); lamps (2241); air mattresses (7634); sleeping bags (7634); billiard and ping pong tables (7639); pianos (7931); sheets, towels, linens, bedding (915); step stools (7422); clocks (791)

**2230 Furniture, unspecified**

**2231 Beds, mattresses**  
*Bed frames* *Folding beds*  
*Bunk beds* *Futons*  
*Cots* *Hammocks*  
*Cradles* *Headboards*  
*Cribs* *Water beds*  
*Bed rails* *Hospital beds*  
*Box springs*

*Excludes:* sofa beds (2235)

**2232 Benches, workbenches, saw horses**  
*Park benches* *Shop benches*  
*Pews* *Utility benches*  
*Piano benches* *Workbenches*  
*Saw horses*

**2233 Chairs**  
*Arm chairs* *High chairs*  
*Bar stools* *Recliners*  
*Easy chairs* *Rocking chairs*

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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	<i>Folding chairs</i>	<i>Bath chairs</i>
	<i>Office chairs</i>	
<b>2234</b>	<b>Desks</b>	
	<i>Computer desks</i>	<i>School desks</i>
	<i>Office desks</i>	<i>Work stations</i>
	<i>Roll-top desks</i>	
<b>2235</b>	<b>Sofas</b>	
	<i>Couches</i>	<i>Love seats</i>
	<i>Divans</i>	<i>Ottomans</i>
	<i>Loungers</i>	<i>Sofa beds</i>
<b>2236</b>	<b>Tables, worktables</b>	
	<i>Card tables</i>	<i>End tables</i>
	<i>Cocktail tables</i>	<i>Folding tables</i>
	<i>Coffee tables</i>	<i>Kitchen tables</i>
	<i>Conference tables</i>	<i>Lamp stands</i>
	<i>Dining tables</i>	<i>Operating tables</i>
	<i>Vanities (bedroom)</i>	
<b>2237</b>	<b>Dressers, armoires</b>	
	<i>Chest of drawers</i>	<i>Dresser drawers</i>
	<i>Bureau</i>	
<b>2238</b>	<b>Multiple types of furniture</b>	
	<i>Tables and chairs</i>	<i>Patio furniture</i>
<b>2239</b>	<b>Furniture, n.e.c.</b>	
	<i>Entertainment centers</i>	
	<i>Foot rests</i>	
<b>224*</b>	<b>Lighting fixtures and equipment</b>	
	This source group classifies home, office, and industrial lighting equipment.	
	<i>Includes:</i>	lamps, light bulbs (incandescent or fluorescent), neon lights, traffic lights, chandeliers, lanterns, spot lights, UV lights, street lights and tower lights (unless injury results from fall from or contact with the pole), halogen lamps
	<i>Excludes:</i>	electric parts (441 *); flashlights (7299); flash bulbs (7619); headlights and other vehicle lights (489)
<b>2240</b>	<b>Lighting equipment, unspecified</b>	

\*-Asterisks denote a summary level code not assigned to individual cases.



## SOURCE

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- 2241 Lamps, light fixtures**
- 2242 Light bulbs**
- 2249 Lighting equipment, n.e.c.**

### **225\* Plumbing fixtures**

This source group classifies home, office, and industrial plumbing fixtures.

*Includes:* bathtubs; sinks; toilets; showers; faucets

*Excludes:* pipes (412\*); valves (423), augers, plumber's snakes (7111, 7211, 7311)

- 2250 Plumbing fixtures, unspecified**
- 2251 Bathtubs, hot tubs, showers**

**2252 Sinks**  
*Bathroom sinks* *Kitchen sinks*

**2253 Toilets, urinals**

**2259 Plumbing fixtures, n.e.c.**  
*Drinking fountains* *Faucets*

### **226\* Blackboards, bulletin boards, mirrors**

*Includes:* mirrors, bulletin boards, blackboards, white boards, smart boards

*Excludes:* wallboard (4198), drywall (4198), movie screens (7614)

- 2260 Blackboards, bulletin boards, mirrors, unspecified**
- 2261 Blackboards, bulletin boards, mirrors—wall-mounted**
- 2262 Blackboards, bulletin boards, mirrors—stand-alone**

**229 Furniture and fixtures, n.e.c.**  
*Podiums* *Water coolers*

## **29 Containers, furniture, and fixtures, n.e.c.**

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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### 3\* MACHINERY

This division classifies light and heavy machinery which perform specific functions or processes under power. Machinery is defined as a combination of smaller machines (elements or parts) which are capable of motion and are contained in a stationary frame. Computer, audio, and video products, as well as heating, cooling and cleaning machinery and appliance are also included in this definition. Machines that are primarily used for transporting people or materials are classified in division 8 (Vehicles). Handheld power tools are classified in major group 72 (Handtools—powered). If a part is **known or assumed to be attached** to a machine when an injury occurs, then the entire machine should be listed as the source in this division unless the event is overexertion or the injury was inflicted by an electrical cord, overhead powerline, or floor of a vehicle in a non-transportation incident. If a part is **known to be unattached and independent** of a machine, or if it is probable that a **machine is not involved**, then that specific part should be selected as the source. The smaller parts which are used in machinery are classified in major group 44 (Machine, tool, and electric parts).

*Includes:* agricultural and garden machinery; construction, logging, and mining machinery; heating, cooling, and cleaning machinery and appliances; material and personnel handling machinery (e.g., conveyors, cranes, hoists, elevators, etc.); metal, woodworking, and special material machinery; office and business machinery; special process machinery; miscellaneous machinery

*Excludes:* hoisting accessories (43\*); machinery parts (44\*); motors (4414); engines (4424); nonpowered handtools (71\*); powered handtools (72\*); vehicles (8\*); powered industrial vehicles—material hauling and transport (862\*); tractors, PTOs (863\*); forklifts (8621)

### 30 Machinery, unspecified

### 31\* Agricultural and garden machinery

This major group classifies machinery used to perform specific agricultural and garden functions or processes.

*Includes:* harvesting and threshing machinery; mowing machinery; plowing, planting, and fertilizing machinery; other agricultural and garden machinery

*Excludes:* construction, logging, and mining machinery (32\*); gravity conveyors (341\*); powered conveyors (342\*); elevators (346\*); parts and materials (4\*); feed wagons (483); vehicles (8\*); tractors, PTOs (863\*)

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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### **310 Agricultural and garden machinery, unspecified**

#### **311\* Harvesting and threshing machinery**

This source group classifies agricultural and garden machinery which primarily perform harvesting or threshing functions.

*Includes:* balers; combines; agricultural harvesters and reapers; threshers

*Excludes:* mowing machinery (312\*); logging harvesters (3231); tractors and PTOs (863\*)

#### **3110 Harvesting and threshing machinery, unspecified**

#### **3111 Balers—agricultural**

#### **3112 Combines**

#### **3113 Harvesters, reapers**

*Includes:* agricultural harvesters

*Excludes:* logging harvesters (3231)

#### **3114 Threshers**

#### **3119 Harvesting and threshing machinery, n.e.c.**

*Forage choppers*

*Tree shakers*

#### **312\* Mowing machinery**

This source group classifies agricultural and garden machinery which primarily perform mowing functions.

*Includes:* nonriding and riding lawn mowers; tractor mowers; brush hogs

*Excludes:* harvesting and threshing machinery (311); lawn edgers, clippers, trimmers—powered (7225); tractors (863\*)

#### **3120 Mowing machinery, unspecified**

#### **3121 Lawn mowers—nonriding, powered**

#### **3122 Lawn mowers—riding**

#### **3123 Brush hogs—tractor**

*Brush hogs*

*Hay mowers*

*Haying machines*

\*-Asterisks denote a summary level code not assigned to individual cases.

**3124 Sickle bars—tractor**

**3125 Mower—tractor, n.e.c.**

**3129 Mowing machinery, n.e.c.**  
*Push mowers—nonpowered*

**313\* Plowing, planting, and fertilizing machinery**

This source group classifies agricultural and garden machinery which primarily perform plowing, planting, or fertilizing functions. Also included here are plows, discs, cultivators, and spreaders that are attached to tractors.

*Includes:* plowing and cultivating machinery; seed planting machinery; agricultural spreading machinery

*Excludes:* snow plows (8429); vehicles (8\*); tractors (863\*)

**3130 Plowing, planting, and fertilizing machinery, unspecified**

**3131 Plowing and cultivating machinery**

<i>Cultivators</i>	<i>Harrows</i>
<i>Discs</i>	<i>Plows</i>
<i>Roto tillers</i>	

**3132 Seed planting machinery**

**3133 Spreading machinery—agricultural**

*Includes:* fertilizer spreaders, manure spreaders

*Excludes:* hand-held and push fertilizer spreaders (7199); spraying and dusting machinery (3192)

**3139 Plowing, planting, and fertilizing machinery, n.e.c.**

**319\* Other agricultural and garden machinery**

This source group classifies agricultural and garden machinery which perform specific functions or processes other than those previously classified.

*Includes:* agricultural feed grinders, feed crushers, and feed mixers; agricultural spraying and dusting machinery (except aircraft); irrigation machinery

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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*Excludes:* construction, logging, and mining machinery (32\*); gravity conveyors (341\*); powered conveyors (342\*); elevators (346\*); parts and materials (4\*); feed wagons (483); vehicles (8\*); crop-dusting aircraft (8112); tractors (863\*); dairy and milk processing machinery (3716); forklifts, order pickers, and other powered industrial carriers (862\*)

**3190 Other agricultural and garden machinery, unspecified**

**3191 Feed grinders, crushers, mixers—agricultural**

**3192 Spraying and dusting machinery—agricultural**

*Excludes:* crop dusting aircraft (8112)

**3193 Irrigation machinery**

*Excludes:* garden, lawn sprinklers (3199)

**3199 Agricultural and garden machinery, n.e.c.**

*Includes:* sprinklers

*Excludes:* crop irrigation machinery (3193)

**32\* Construction, logging, and mining machinery**

This major group classifies machinery which perform specific construction (or demolition), logging, and mining functions or processes. Skid steers are classified according to the type of attachment. If the type of attachment is unknown, use code 320.

*Includes:* excavating machinery; loaders; logging and wood processing machinery; mining and drilling machinery; road grading and surfacing machinery

*Excludes:* agricultural and garden machinery (31); material and personnel handling machinery (34\*); metal, woodworking, and special material machinery (35\*); vehicles (8\*); tractors (863\*); forklifts, order pickers, and other powered industrial carriers (862\*)

**320 Construction, logging, and mining machinery, unspecified**

**321\* Excavating machinery**

This source group classifies machinery which primarily perform excavating functions. Excavating machines include those that dig earth and rock (power shovels, backhoes, trenchers) and place it in separate

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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hauling units, those that pick up and transport material (bulldozers), as well as those that cast and drag a scoop through water to excavate the bottom soil (draglines).

*Includes:* backhoes, backhoe loaders, trackhoes, trackhoe loaders; bulldozers; front and power shovels; mini excavators; trenchers; draglines, dredges

*Excludes:* loaders—except backhoe and trackhoe (322\*); drilling machinery (324\*); tunneling machines (3243); hooks, shackles, magnets, clamshells, grapples (432); vehicles (8\*)

### **3210 Excavating machinery, unspecified**

#### **3211 Backhoes, trackhoes**

*Includes:* excavators, except mini; pipelayers; backhoe loaders; trackhoe loaders

*Excludes:* mini excavators (3214)

#### **3212 Bulldozers**

*Crawler dozers*

*Wheeled dozers*

#### **3213 Front and power shovels**

#### **3214 Mini excavators**

#### **3215 Trenchers**

*Trenching machines*

*Continuous bucket excavators*

#### **3219 Excavating machinery, n.e.c.**

*Draglines*

*Marine dredges*

*Marine excavators*

*Suction dredges*

### **322\* Loaders**

This source group classifies machinery which primarily performs loading operations. Loaders basically consist of a movable bucket, either smooth mouthed or toothed, mounted on a series of movable arms at the front of a crawler or rubber-tired tractor. Skid steers with a loading attachment and mini loaders are included here. Skid steers with other types of attachments, such as forklifts, are coded into the appropriate category according to the type of attachment.

*Includes:* bucket loaders; end loaders; front-end loaders; skid steer loaders; mini loaders

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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*Excludes:* excavating machinery (321\*); log loaders (3237); backhoe and trackhoe loaders (3211)

**3220 Loaders, unspecified**

**3221 Bucket, front-end, end, and pay loaders**

**3222 Skid steer loaders, mini loaders**

**3229 Loaders, n.e.c.**

**323\* Logging and wood processing machinery—specialized**

This source group classifies machinery which primarily perform specialized logging and wood processing operations.

*Includes:* chippers; logging skidders; debarkers; harvesters (logging); log loaders

*Excludes:* agricultural harvesters (3113); other loaders (322\*); material and personnel handling machinery (34\*); metal, woodworking, and special material machinery (35\*); paper production machinery (374\*); other grapples (432)

**3230 Logging and wood processing machinery—specialized, unspecified**

**3231 Mechanical harvesters—logging**

*Includes:* fellers, feller-bunchers, feller-forwarders, log forwarders, log harvesters

*Excludes:* agricultural harvesting machinery (3113)

**3232 Forwarding and yarding machinery, except feller-forwarders**

**3233 Skidders—cable and grapple**

*Logging skidders*

**3234 Chippers**

**3235 Log processing machinery**

*Includes:* delimiters, debarkers, slashers

**3236 Combination log processing machinery**

**3237 Log loaders**

*Includes:* heel boom and wheeled log loaders

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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*Excludes:* truck-mounted boom loaders (8422)

### **3239 Logging and wood processing machinery—specialized, n.e.c.**

### **324\* Mining and drilling machinery**

This source group classifies machinery which primarily perform mining and drilling operations including oil and gas extraction. Mining machinery is used in removing and transporting valuable solid minerals from their place of natural origin to a more accessible location for further processing or transportation. Many mining-type machines are used for excavating in the construction industry and should be classified accordingly. Drilling machinery is generally used to bore vertical holes while tunneling machinery is generally used to bore horizontal holes. Code 3244 includes machinery involved in oil and gas extraction, such as oil drilling rigs and derricks, powered tongs, drawworks, and crown and block.

*Includes:* drilling machines, drilling augers; mineral sorters, separators, concentrators; tunneling machines; oil drilling rigs and machinery

*Excludes:* coal breakers and crushers (3292); grain augers (3427); augers used as conveyors (3427); nonpowered portable handheld augers (7111); nonpowered portable handheld drills (7113); powered portable handheld augers (7211); powered portable handheld drills (7213); offshore oil platforms (6213); pump jacks (3797)

### **3240 Mining and drilling machinery, unspecified**

### **3241 Drilling machines, drilling augers**

*Includes:* continuous miners, mechanical miners, diamond drills, rock drills, jet flame drills, water-jet drills

*Excludes:* oil drilling rigs and machinery (3244)

### **3242 Mineral sorters, separators, concentrators**

### **3243 Tunneling machines**

*Includes:* bore tunneling machines, horizontal boring machines, directional drilling machines, micro-tunneling machines

### **3244 Oil drilling rigs and machinery**

\*-Asterisks denote a summary level code not assigned to individual cases.



## SOURCE

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*Includes:* oil drilling derricks, oil derricks, drawworks, tongs

*Excludes:* offshore oil platforms (6213), pump jacks (3797)

### **3249 Mining and drilling machinery, n.e.c.**

*Includes:* mineral property analyzers

### **325\* Road grading and surfacing machinery**

This source group classifies machinery which primarily perform road grading and surfacing operations.

*Includes:* asphalt and concrete spreaders; asphalt and concrete paving machines, pavers; rollers compactors—construction; graders, scrapers—construction; milling machines, cold planers, and road profilers; road recyclers, road reclaimers; material transfer machines; linemarking and striping machinery

*Excludes:* construction, logging, and mining machinery (32\*); street sweeping and cleaning machinery (894); vehicles (8\*)

### **3250 Road grading and surfacing machinery, unspecified**

#### **3251 Asphalt and concrete spreaders**

#### **3252 Asphalt and concrete paving machines, pavers**

#### **3253 Rollers, compactors—construction**

*Includes:* oil compactors; asphalt rollers and compactors; landfill compactors; vibratory rollers and compactors; pneumatic rollers and compactors; steam rollers

#### **3254 Graders, scrapers—construction**

*Includes:* elevating scrapers, coal bowl scrapers, open bowl scrapers, push-pull scrapers

#### **3255 Milling machines, cold planers, and road profilers**

#### **3256 Road recyclers, road reclaimers**

#### **3257 Material transfer machines**

*Includes:* transfer machines, shuttle buggies, windrow machines

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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### **3258 Road linemarking and striping machinery**

### **3259 Road grading and surfacing machinery, n.e.c.**

### **329\* Other construction, logging, and mining machinery**

This source group classifies construction, logging, and mining machinery which perform specific functions or processes other than those previously classified.

*Includes:* mineral agitators, mixers; compactors, crushers, pulverizers; pile drivers, tamping machinery; pile extractors

*Excludes:* agricultural and garden machinery (31\*); asphalt rollers and compactors (3253); material and personnel handling machinery (34\*); metal, woodworking, and special material machinery (35\*); vehicles (8\*); tractors (863\*)

### **3290 Other construction, logging, and mining machinery, unspecified**

### **3291 Agitators, mixers—earth, mineral** *Cement mixers (except trucks)*

### **3292 Compactors, crushers, pulverizers—earth, mineral** *Coal breakers* *Coal crushers*

### **3293 Pile drivers, tamping machinery**

*Includes:* drop hammers; pile hammers; air, diesel, and vibratory hammers; combination pile driving and extracting units; pile hammer machinery

*Excludes:* handheld pile drivers and tampers (72\*)

### **3299 Construction, logging, and mining machinery, n.e.c.** *Pile extractors*

### **33\* Heating, cooling, and cleaning machinery and appliances**

This major group classifies machinery which perform specific heating, cooling, and cleaning functions or processes.

*Includes:* cooling and humidifying machinery and appliances; heating and cooking machinery and appliances; washers, dryers, and cleaning machinery and appliances

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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*Excludes:* boilers (2121); dairy and milk processing machinery (3716); industrial furnaces and forging machinery (3533); distilling and rectifying machinery (3792); incinerators (3993); vending machines (3996); vehicle fans (4824); welding & cutting machinery (359\*); powered welding and heating handtools (726\*)

### **330 Heating, cooling, and cleaning machinery and appliances, unspecified**

### **331\* Cooling and humidifying machinery and appliances**

This source group classifies machinery which primarily performs cooling and humidifying functions.

*Includes:* air conditioners; fans, blowers; humidifiers, dehumidifiers, vaporizers; refrigerators, freezers, ice makers

*Excludes:* dairy and milk processing machinery (3716); vehicle fans (4824)

#### **3310 Cooling and humidifying machinery and appliances, unspecified**

#### **3311 Air conditioning units**

#### **3312 Fans, blowers—wall, floor, ceiling, ventilation**

*House fans*

*Industrial fans*

#### **3313 Humidifiers, dehumidifiers, vaporizers**

#### **3314 Refrigerators, freezers, ice makers**

#### **3319 Cooling and humidifying machinery and appliances, n.e.c.**

### **332\* Heating and cooking machinery and appliances**

This source group classifies machinery which primarily performs general heating and cooking functions, as well as fabric pressing and steaming functions. Pressure cookers are included in this category.

*Includes:* beverage heating and percolating equipment and appliances; broiling and frying equipment and appliances; fabric pressers and ironing appliances; furnaces, heaters; kilns; ranges, cooking ovens, grills, toasters, food warmers; steaming equipment and appliances

*Excludes:* boilers (2121); dairy and milk processing machinery (3716); industrial furnaces and forging machinery (3533); distilling and rectifying machinery (3792); incinerators

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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(3993); vending machines (3996); powered welding and heating handtools (726)

**3320 Heating and cooking machinery and appliances, unspecified**

**3321 Beverage heating and percolating equipment and appliances**

*Coffee makers*

**3322 Broiling and frying equipment and appliances**

*Pressure fryers*

**3323 Fabric pressers and ironing appliances**

*Excludes:* steaming equipment (3327)

**3324 Furnaces, heaters**

*Domestic furnaces*

*Franklin stoves*

*Gas and oil furnaces*

*Heating units*

*Hot-water heaters*

*Registers, furnace*

*Potbellied stoves*

*Registers*

*Solar heaters*

*Space heaters*

*Radiators*

*Pressure-cooking equipment*

**3325 Kilns**

**3326 Ranges, cooking ovens, grills, toasters, food warmers**

*Camping stoves—portable*

*Grills—outdoor, indoor*

*Hibachis*

*Microwave ovens*

*Ovens—kitchen, cooking*

*Ranges—kitchen, cooking*

*Roasters*

*Stoves—kitchen, cooking*

*Toasters*

*Waffle irons*

**3327 Steaming equipment and appliances**

**3329 Heating and cooking machinery and appliances, n.e.c.**

**333\* Washers, dryers, and cleaning machinery and appliances**

This source group classifies machinery which primarily performs washing, drying, and cleaning functions for specific products.

*Includes:* car washing machinery, except for hand-held power washers; clothes dryers; clothes washers; dishwashers; hair and hand dryers; vacuum cleaners; other filtering and purifying machinery

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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*Excludes:* kilns (3325); paper production dryers (3743); paper production washers, bleachers, refiners (3746); street sweeping and cleaning machinery (894); hand-held power washers, pressure washers (7293)

**3330 Washers, dryers, and cleaning machinery and appliances, unspecified**

**3331 Car or vehicle washing machinery**

**3332 Clothes dryers**

**3333 Clothes washers**

**3334 Dishwashers**

**3335 Hair and hand dryers**

**3336 Vacuum cleaners**

**3339 Washers, dryers, and cleaning machinery and appliances, n.e.c.**

*Other filtering and purifying machinery*

**339 Heating, cooling, and cleaning machinery and appliances, n.e.c.**

This source group classifies heating, cooling, and cleaning machinery and appliances which perform functions other than those previously classified.

### **34\* Material and personnel handling machinery**

This major group classifies machinery which perform specific material handling functions or processes. This category also includes machinery, such as elevators and aerial lifts, used to raise and lift workers to a height needed to perform work tasks.

If a part is **known or assumed to be attached** to a machine when an injury occurs, then the entire machine should be listed as the source in this division unless the event is overexertion or the injury was inflicted by an electrical cord, overhead powerline, or floor of a vehicle in a nontransportation incident.

If a part is **known to be unattached and independent** of a machine, or if it is probable that a **machine is not involved**, then that specific part should be selected as the source.

Material handling machinery are usually composed of many smaller parts and elements. For example, hoisting machines, cranes, derricks, and elevators employ sheaves and pulleys (called blocks) to perform their operations. The majority of these smaller material handling machinery components are classified in major group 43 (Hoisting accessories), and major group 44 (Machine, tool, and electric parts). If power is unknown, such as whether a conveyor is gravity or powered, choose the first one in the coding structure.

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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*Includes:* gravity conveyors; powered conveyors; cranes; overhead hoists; derricks; elevators; jacks; winders, unwinders

*Excludes:* agricultural and garden machinery (31\*); construction, logging, and mining machinery (32\*); logging and wood processing machinery (323\*); hoisting accessories (43\*); machine, tool, and electric parts (44\*); scaffolds, staging (634\*); vehicles (8\*); forklifts (8621)

### **340 Material and personnel handling machinery, unspecified** *Package conveyor*

#### **341\* Conveyors—gravity and nonpowered**

This source group classifies conveyors which primarily perform conveying functions through the use of gravity. Gravity conveyors are limited to use in instances where the material being conveyed is to be lowered in elevation or rolled along a level path.

*Includes:* chutes; roller conveyors; wheel conveyors, including skate wheel conveyors

*Excludes:* powered conveyors (342\*); unattached rollers (4427)

#### **3410 Conveyors—gravity and nonpowered, unspecified**

#### **3411 Chutes**

#### **3412 Conveyors—roller**

#### **3413 Conveyors—wheel**

#### **3419 Conveyors—gravity and nonpowered, n.e.c.**

#### **342\* Conveyors—powered**

This source group classifies conveyors which primarily perform conveying functions through the use of an electrical or other power source. Powered conveyors are used in instances where the material being conveyed is to be raised, lowered, or moved along a level path. Live roller conveyors are classified in 3424, regardless of whether they are belt or chain driven. Drycleaning and garment conveyors are coded in 3429.

*Includes:* belt conveyors; belt loaders; bucket, cup conveyors; chain conveyors; live roller conveyors; pan conveyors; pneumatic conveyors; screw and auger conveyors, such as grain augers; slot conveyors

*Excludes:* gravity conveyors (341\*); chain and belt drives (4422)

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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- 3420 Conveyors—powered, unspecified**
- 3421 Conveyors—belt**
- 3422 Conveyors—bucket, cup**
- 3423 Conveyors—chain**
- 3424 Conveyors—live roller**
- 3425 Conveyors—pan**
- 3426 Conveyors—pneumatic**
- 3427 Conveyors—screw, auger**
- 3428 Conveyors—slot**
- 3429 Conveyors—powered, n.e.c.**

### **343\* Cranes**

This source group classifies cranes which primarily are used for lifting heavy weights by means of a movable projecting arm or a horizontal beam traveling on an overhead support.

*Includes:* floating cranes; gantry cranes; hammerhead cranes; mobile, truck, or rail-mounted cranes; monorail and underhung cranes; overhead cranes; portal, tower, and pillar cranes

*Excludes:* overhead hoists (344\*); derricks (345); elevators (346)

- 3430 Cranes, unspecified**
- 3431 Cranes—truck-mounted**
- 3432 Cranes—rail-mounted**

*Includes:* railroad cranes

*Excludes:* monorail cranes, gantry cranes (3436)

### **3433 Cranes—floating, barge mounted**

### **3434 Cranes—other mobile cranes**

*Includes:* crawler cranes, all-terrain cranes, rough-terrain cranes

- 3435 Cranes—tower, self-erecting, portal, pillar, hammerhead**
- 3436 Cranes—gantry, overhead, monorail, container**

### **3437 Cranes—other fixed or stationary cranes**

*Includes:* dock cranes, jib cranes, bulk loading cranes

### **3439 Cranes, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.

**344\* Overhead hoists**

This source group classifies electric, manual, and pneumatic hoists for raising and lowering material with intermittent motion while holding the material freely suspended. This source group also includes aircraft loading hoists.

*Includes:* powered and manual overhead hoists

*Excludes:* elevators (346\*); hoisting accessories such as fixtures, hooks, or slings (43\*); patient hoist (757); automotive lifts (3464)

**3440 Overhead hoists, unspecified**

**3441 Overhead hoists—electric powered**

**3442 Overhead hoists—manual**

**3443 Overhead hoists—pneumatic powered**

**3449 Overhead hoists, n.e.c.**

**345 Derricks and related equipment**

This source group classifies material handling machinery which primarily function as derricks, hoisting mechanisms which use ropes or cables running on pulleys.

*Includes:* a-frame derricks; basket derricks; breast derricks; gin pole derricks; guy derricks

*Excludes:* oil drilling rigs and derricks (3244); offshore oil platforms (6213)

**346\* Elevators, hoists, aerial lifts, personnel platforms—except truck-mounted**

This source group classifies material handling machinery which is primarily used to lift and lower a load along a fixed vertical path of travel with intermittent motion. This source group also includes farm and grain elevators, building elevators, aerial lifts, and scissor lifts.

The most common elevators use electric motors, cables, pulleys, and counterweights. If any of these specific parts are listed as the source—and they are known to be unattached and independent of an elevator—they are classified in division 4 (Parts and Materials). The source for falls down elevator shafts should be elevator shaft (658).

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\*-Asterisks denote a summary level code not assigned to individual cases.



## SOURCE

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*Includes:* dumbwaiters (3461); electric elevators (3462); hydraulic elevators (3462); hand-operated elevators (3462); manlifts (3463); aerial lifts (3467) non-truck-mounted cherry pickers (3469); personnel hoists (3465); scissor lifts (3467)

*Excludes:* powered conveyors (342\*); overhead hoists (344\*); scaffolds, staging (634\*); forklifts (8621); portable car jacks (347); elevator shafts (658); boom trucks (8422); truck-mounted bucket or basket hoists (8422); truck-mounted aerial lifts (8422); truck-mounted cherry pickers (8422); scissor jacks (347)

**3460 Elevators, hoists, aerial lifts, personnel platforms—except truck-mounted, unspecified**

**3461 Dumbwaiters**

**3462 Elevators**

**3463 Manlifts**

**3464 Automobile lifts and hoists**

**3465 Material and personnel hoists**

**3466 Boat lifts**

**3467 Aerial lifts, scissor lifts—except truck-mounted**

**3469 Elevators, hoists, aerial lifts, personnel platforms—except truck-mounted, n.e.c.**

### **347 Jacks**

This code classifies jacks which are primarily used to lift, bolster, hoist, or move something heavy a short distance.

*Includes:* hydraulic, mechanical, or pneumatic jacks; bottle jacks; scissor jacks; car jacks

*Excludes:* elevators (3462); oil well pump jacks (3797); pallet jacks, motorized (8623); pallet jacks, non-motorized (872); automobile hoists, lifts (3464); scissor lifts, except truck-mounted (3467)

### **348\* Ski lifts, nonrail amusement rides**

This source group includes ski lifts and non-rail amusement rides. If the type of amusement ride is unspecified, code 3482.

**3480 Ski lifts, nonrail amusement rides, unspecified**

**3481 Ski lifts, gondola rides**

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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*Includes:* chair lift, J-bar lift, T-bar lift, ski tow, aerial gondola rides (regardless of venue), zip lines

### **3482 Nonrail amusement rides**

*Includes:* spinning amusement rides, ferris wheels

*Excludes:* roller coaster (821), aerial gondola rides (3481)

### **3489 Ski lifts, nonrail amusement rides, n.e.c.**

### **349\* Other material and personnel handling machinery**

This source group classifies material handling machinery that has not been previously classified.

*Includes:* winders, unwinders; baling and strapping machinery; stacking machinery

*Excludes:* agricultural and garden machinery (31\*); construction, logging, and mining machinery (32\*); logging and wood processing machinery (323\*); hoisting accessories (43\*); machine, tool, and electric parts (44\*); vehicles (8\*); forklifts (8621); packaging, bottling, wrapping, and bundling machinery (373\*); agricultural balers (3111)

### **3490 Other material and personnel handling machinery, unspecified**

#### **3491 Winders, unwinders**

#### **3492 Banding, baling, strapping machinery**

#### **3493 Stacking machinery**

#### **3499 Material and personnel handling machinery, n.e.c.**

### **35\* Metal, woodworking, and special material machinery**

This major group classifies machinery which primarily perform specific material cutting, shaping, or forming functions or processes. Special material machinery includes those that process plastic, rubber, concrete and other special materials. Many machines classified here are referred to as "Machine Tools"—machines that make the parts for other machines. These machines are commonly used in the manufacturing industries, but may be utilized in other industries as well.

*Includes:* bending, rolling, shaping machinery; boring, drilling, planing, milling machinery; extruding, injecting, forming, molding machinery; grinding, polishing machinery; lathes; presses (except printing); sawing machinery; threading and tapping machines; electrochemical and discharge machinery (EDM); laser cutting,

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\*-Asterisks denote a summary level code not assigned to individual cases.

pressure fluid cutting; welding machinery

*Excludes:* agricultural and garden machinery (31\*); construction, logging, and mining machinery (32\*); mining and drilling machinery (324\*); material and personnel handling machinery (34\*); food slicers (3711); meat grinders (3713); paper production machinery (374\*); textile, apparel, leather production machinery (376\*); painting, priming, metal coating machinery (3796); nonpowered handtools (71\*); powered handtools (72\*); handheld power saws (7224); powered surfacing handtools (724\*)

**350 Metal, woodworking, and special material machinery, unspecified**

**351\* Bending, rolling, shaping machinery**

This source group classifies machinery which primarily perform metal bending, rolling, or shaping functions to produce workpieces without cutting or removing material. These machines may be used to bend, roll, or shape other materials (e.g., wire, plastics) as well. A calender is a form of press which uses rollers or plates to smooth and glaze cloth, rubber, or paper, or to form these materials into thin sheets. Paper production calenders are classified in 3741 (Calenders/supercalenders—paper production). All other calenders are classified here.

*Includes:* bending, crimping machines; shearing machines; rolling mills, rolling, calendering machinery

*Excludes:* calenders used in the paper production industry (3741)

**3510 Bending, rolling, shaping machinery, unspecified**

**3511 Bending, crimping machines**

**3512 Shearing machines**

**3513 Rolling mills, rolling, calendering machinery**

**3519 Bending, rolling, shaping machinery, n.e.c.**

**352\* Boring, drilling, planing, milling machinery**

This source group classifies machinery which primarily perform material cutting functions (boring, drilling, planing, and milling). The drilling process creates a hole while the boring process enlarges and trues existing holes. Reamers are used to produce precise hole sizes with a smooth finish. Planers cut large, flat surfaces on a workpiece, or cut many small parts simultaneously. Many milling machines are being replaced by machining centers (3523) which do a number of different operations—milling, drilling, boring, facing, spotting, counterboring, threading, and tapping—in a single setup.

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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*Includes:* stationary drills; planing machines; milling machines; reaming machines

*Excludes:* construction, logging, and mining machinery (32\*); mining and drilling machinery (324\*); paper production machinery (374\*); nonpowered handtools (71\*); nonpowered boring and drilling handtools (711\*); powered handtools (72\*); powered boring and drilling handtools (721\*)

### **3520 Boring, drilling, planing, milling machinery, unspecified**

#### **3521 Drills—stationary**

*Drill presses*

*Drilling machines*

*Gang drills*

*Jig boring machines*

*Radial drills*

#### **3522 Planing mills**

#### **3523 Milling machines**

*Broaching machines*

*Machining centers*

#### **3524 Reaming machines**

#### **3525 Boring, routing, notching machines**

#### **3529 Boring, drilling, planing, milling machinery, n.e.c.**

*Gear-cutting machinery*

*Nibbling machines*

### **353\* Extruding, injecting, forming, molding machinery**

This source group classifies machinery which primarily casts, extrudes, forges, or injects molten metal, plastics, rubber, or other special materials to produce work pieces.

*Includes:* casting machinery; extruding machinery; forging machinery; plastic injection molding machinery

*Excludes:* heaters, home furnaces (3324); cooking ovens (3326); industrial ovens used for drying agricultural products, kilns (3325); dies, molds, patterns (4421)

### **3530 Extruding, injecting, forming, molding machinery, unspecified**

#### **3531 Casting machinery**

*Ingot molding machinery*

*Molding machinery (except plastic)*

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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### **3532 Extruding machinery**

*Plastic extruders*

*Wire extruders*

*Rubber extruders*

### **3533 Forging machinery**

*Blast furnaces*

*Cold forging machinery*

*Forges*

*Hot forging machinery*

*Industrial furnaces*

*Industrial forging ovens*

*Smelters*

### **3534 Plastic injection molding machinery**

### **3539 Extruding, injecting, forming, molding machinery, n.e.c.**

### **354\* Grinding, polishing machinery**

This source group classifies machinery which primarily perform material surfacing and finishing operations (by grinding or polishing). Grinding machines usually employ a coarse, abrasive wheel. Honing and lapping machines use abrasive sticks, plates, or rolls for precise metal-finishing operations.

*Includes:* grinders, abraders; honing, polishing, lapping machinery

*Excludes:* meat grinders (3713); powered surfacing handtools (724); buffers, polishers, waxers—powered (7241); powered hand grinders (7242)

### **3540 Grinding, polishing machinery, unspecified**

### **3541 Grinders, abraders**

*Centerless grinders*

*Cylindrical grinders*

*Internal grinders*

*Surface grinders*

### **3542 Honing, polishing, lapping machinery**

### **3549 Grinding, polishing machinery, n.e.c.**

### **355\* Lathes**

This source group classifies lathes which are used to turn and work materials of any composition. Lathes are most commonly used for machining materials to various diameters but may also be used for drilling, boring, threading, knurling, and tapering.

*Includes:* metalworking lathes; woodworking lathes

*Excludes:* threading and tapping machines (358); powered turning handtools (725)

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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- 3550 Lathes, unspecified**
- 3551 Metalworking lathes**
- 3552 Woodworking lathes**
- 3559 Lathes, n.e.c.**

### **356\* Presses, except printing**

This source group classifies machinery which primarily function as presses, except printing presses.

*Includes:* assembly presses; brake presses; punch presses

*Excludes:* fabric pressers (3323); printing presses (3753)

- 3560 Presses, except printing, unspecified**
- 3561 Assembly presses**
- 3562 Brake presses**
- 3563 Punch presses**
- 3569 Presses, except printing, n.e.c.**

### **357\* Sawing machinery—stationary**

This source group classifies machinery which primarily perform material sawing operations.

*Includes:* arm saws, radial saws; band saws; table saws

*Excludes:* construction, logging, and mining machinery (32\*); food slicers (3711); meat grinders (3713); paper production machinery (374\*); textile, apparel, leather production machinery (376\*); nonpowered handtools (71\*); nonpowered saws (7126); powered handtools (72\*); handheld power saws (7224)

### **3570 Sawing machinery—stationary, unspecified** *Cutoff saws*

- 3571 Arm saws, radial arm saws**
- 3572 Band saws**
- 3573 Table saws**

### **3579 Sawing machinery—stationary, n.e.c.** *Abrasive saws* *Diamond saws*

### **358 Threading and tapping machines**

This code classifies machinery which primarily perform material threading

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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and tapping operations. Machines that make screws, bolts, and nuts are classified here.

*Includes:* threading and tapping machines

*Excludes:* lathes (355\*)

### **359\* Other metal, woodworking, and special material machinery**

This source group classifies metal, woodworking, and special material machinery which perform specific functions other than those previously classified.

*Includes:* electrochemical and discharge machinery (EDM's); laser cutting machinery; pressure fluid cutting machinery; spot and other welding machinery

*Excludes:* welding fumes (147); agricultural and garden machinery (31\*); material and personnel handling machinery (34\*); food slicers (3711); meat grinders (3713); paper production machinery (374\*); textile, apparel, leather production machinery (376\*); painting, priming, metal coating machinery (3796); nonpowered handtools (71\*); powered handtools (72\*); handheld power saws (7224); powered surfacing handtools (724\*); welding and heating handtools (726\*)

### **3590 Other metal, woodworking, and special material machinery, unspecified**

### **3591 Electrochemical and discharge machinery (EDM)**

*Electrochemical machinery (ECM)*

### **3592 Laser cutting machinery**

*Carbon-dioxide lasers*

*Gas lasers*

### **3593 Pressure fluid cutting machinery**

### **3594 Welding machinery**

*Includes:* robotic welders

*Excludes:* welding, cutting, and blow torches (7261)

### **3599 Metal, woodworking, and special material machinery, n.e.c.**

*Recycling densifier*

*Ultrasonic machinery (USM)*

\*-Asterisks denote a summary level code not assigned to individual cases.

**36\***    **Office and business machinery**

This major group classifies machinery and equipment which operate primarily in an office, banking, or retail environment.

*Includes:*        computers and peripheral equipment; automated teller machines (ATM's); calculating machines and cash registers; FAX machines; mailing and metering machines; photocopiers; typewriters and word processing equipment; paper shredders

*Excludes:*        furniture and fixtures (2\*); audio and video equipment (391\*); vending machines (3996); nonpowered staplers (7195); powered staplers (7236); telephones (391\*); clocks (791)

**360**    **Office and business machinery, unspecified**

**361\***    **Computers and peripheral equipment**

This source group classifies mainframe, micro, personal, and mini-computers and the peripheral equipment such as printers and terminals used in conjunction with the computer. Computers are coded depending on the type of injury. If a worker is injured from typing on a keyboard, use code 3613. Bar code scanners are included in 3614. If the worker suffers eyestrain, use code 3611. If the worker is injured while lifting a computer or laptop or dropping it on his or her foot, use code 3612. If documents indicate only that a person was injured while performing “data entry” with no indication of the equipment, use code 3618.

*Includes:*        cathode ray tubes (CRT's) and video display terminals (VDT's); computer monitors and screens; electronic computers; computer keyboards; optical scanners; grocery store bar-code scanners; printers and plotters

*Excludes:*        audio and video equipment (391\*); word processors (3626); automated teller machines (3621); robots (392); video games (7639); computer cables (4418); personal digital assistants, cell phones, smartphones (3913)

**3610**    **Computers and peripheral equipment, unspecified**

**3611**    **Computer monitors**

*Includes:*        Video display terminals (VDTs), cathode ray tubes (CRTs), computer screens

**3612**    **Computers—CPUs**

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\*-Asterisks denote a summary level code not assigned to individual cases.



## SOURCE

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*Includes:* personal computers—including laptops, mainframe computers, computer servers, computer processing units (CPUs) and towers

**3613 Keyboards—computer**

**3614 Optical scanners**

*Bar code scanners*

*Grocery store bar code scanners*

**3615 Printers and plotters—computer**

**3616 Computer mice, laptop trackpads**

**3618 Multiple computer and peripheral equipment**

*Keyboards and mice*

**3619 Computers and peripheral equipment, n.e.c.**

**362\* Office, banking, and retail machinery**

This source group classifies other machinery and equipment which primarily function in the office, banking, or retail environment.

*Includes:* automated teller machines (ATM's); calculating machines and cash registers; FAX machines; mailing and metering machines; photocopiers; typewriters and word processing equipment; paper and office shredders

*Excludes:* electronic computers and peripheral equipment (361\*); bar code scanners (3614); optical scanners (3614); audio and video equipment (391\*); vending machines (3996); nonpowered staplers (7195); electric staplers (7236); wood chippers (3234); other special material shredders (35\*)

**3620 Office, banking, and retail machinery, unspecified**

**3621 Automated teller machines**

**3622 Calculating machines and cash registers**

**3623 FAX machines**

**3624 Mailing and metering machines**

**3625 Photocopiers**

**3626 Typewriters and word processing equipment**

**3627 Shredders**

**3629 Office, banking, and retail machinery, n.e.c.**

*Coin-counting machinery*

*Dictating machines*

\*-Asterisks denote a summary level code not assigned to individual cases.

**369 Office and business machinery, n.e.c.**

**37\* Special process machinery**

This major group classifies machinery which perform special processes related to specific industries other than those previously classified.

*Includes:* food and beverage processing machinery; medical, surgical, and x-ray machinery and equipment; packaging, bottling, wrapping machinery; paper production machinery; printing machinery and equipment; textile, apparel, leather production machinery; other special process machinery

**370 Special process machinery, unspecified**

**371\* Food and beverage processing machinery—specialized**

This source group classifies special process machinery which are primarily used in the food and beverage industries.

*Includes:* food slicers; juice, oil, fat extractors; meat grinders; food and beverage mixers, blenders, whippers; butchering machinery; dairy and milk processing machinery

*Excludes:* packaging, bottling, wrapping machinery (373\*); bottling, canning, filling machinery (3731)

**3710 Food and beverage processing machinery—specialized, unspecified**

**3711 Food slicers**

**3712 Juice, oil, and fat extractors**

**3713 Meat grinders**

**3714 Mixers, blenders, whippers—food and beverage**

**3715 Butchering machinery**

*Skinning machinery*

*Filleting machinery*

*Deboning machinery*

**3716 Dairy and milk processing machinery—specialized**

*Butter-making machinery*

*Clarifiers*

*Cream separators*

*Evaporators*

*Homogenizers*

*Milking machines*

*Pasteurizers*

**3719 Food and beverage processing machinery—specialized, n.e.c.**

**372\* Medical, surgical, x-ray machinery and equipment**

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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This source group classifies special process machinery which are primarily used in medical applications. X-ray machinery classified here may be used in industrial and other research applications as well as medical usage.

*Includes:* medical machinery and equipment; x-ray, magnetic resonance imaging (MRI's), fluoroscope machinery and equipment

*Excludes:* medical and surgical instruments (75\*); health care and orthopedic equipment, n.e.c. (752\*)

### **3720 Medical, surgical, x-ray machinery and equipment, unspecified**

#### **3721 Medical machinery and equipment, except x-ray**

*Hospital monitors*

#### **3722 X-ray, magnetic resonance imaging (MRI), and fluoroscope machinery and equipment**

*Fluoroscopic x-ray*

*Therapeutic x-ray*

*Radiographic x-ray*

*Computed tomography (CT)*

#### **3729 Medical, surgical, x-ray machinery and equipment, n.e.c.**

*Surgical robots*

### **373\* Packaging, bottling, wrapping machinery**

This source group classifies special process machinery which primarily perform packaging, bottling, and wrapping operations.

*Includes:* bottling, canning, filling machinery; packaging, wrapping, bundling machinery (including boxing machinery); product labeling machinery; sealing, stapling machinery

*Excludes:* agricultural balers (3111); bindery machinery (3751); banding, baling, strapping machinery (3492)

#### **3730 Packaging, bottling, wrapping machinery, unspecified**

#### **3731 Bottling, canning, filling machinery**

#### **3732 Packaging, wrapping, bundling machinery**

#### **3733 Product labeling machinery**

#### **3734 Sealing, stapling machinery**

#### **3739 Packaging, bottling, wrapping machinery, n.e.c.**

### **374\* Paper production machinery**

This source group classifies special process machinery which are

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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primarily operated in the paper production industry. A calender is a form of press which uses rollers or plates to smooth and glaze cloth, rubber, or paper, or to form these materials into thin sheets. Paper production calenders are classified here. All other calenders are classified in source code 3513 (Rolling mills, rolling, calendering machinery).

*Includes:* calenders and supercalenders used in paper production; coaters used in paper production; dryers used in paper production; formers used in paper production; slitters and winders used in paper production; washers, bleachers, and refiners used in paper production

*Excludes:* calenders other than those used in paper production (3513); coating machinery other than that used in paper production (3796)

- 3740 Paper production machinery, unspecified**
- 3741 Calenders, supercalenders—paper production**
- 3742 Coaters—paper production**
- 3743 Dryers—paper production**
- 3744 Formers—paper production**
- 3745 Slitters, winders—paper production**
- 3746 Washers, bleachers, refiners—paper production**
- 3749 Paper production machinery, n.e.c.**

### **375\* Printing machinery and equipment**

This source group classifies special process machinery and equipment which are primarily operated in the printing industry.

*Includes:* bindery machinery; engraving machinery; printing presses; typesetting machinery

*Excludes:* presses other than printing presses (356); laser and other computer printers (3615)

- 3750 Printing machinery and equipment, unspecified**
- 3751 Bindery machinery**
- 3752 Engraving machinery**
- 3753 Presses—printing**
- 3754 Typesetting machinery**
- 3759 Printing machinery and equipment, n.e.c.**

### **376\* Textile, apparel, leather production machinery**

This source group classifies special process machinery and equipment

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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which are primarily employed in the textile, apparel, and leather production industries.

*Includes:* textile dyeing machinery; knitting machinery; picking, carding, combing machinery; sewing, stitching machinery; spinning machinery; weaving machinery

*Excludes:* dyeing machinery other than for textiles (3793)

**3760 Textile, apparel, leather production machinery, unspecified**

**3761 Dyeing machinery—textile**

**3762 Knitting machinery**

**3763 Picking, carding, combing machinery**

**3764 Sewing, stitching machinery**

**3765 Spinning machinery**

**3766 Weaving machinery**

**3769 Textile, apparel, leather production machinery, n.e.c.**

**379\* Other special process machinery**

This source group classifies special process machinery and equipment which perform special functions or processes other than those previously classified.

*Includes:* centrifuges; distilling and rectifying machinery; dyeing machinery other than for textiles; gas liquefying machinery; paint mixing machinery; painting, priming, metal coating machinery; pumps, except air compressor

*Excludes:* road linemarking machinery (3258); textile dyeing machinery (3761); paper coating machinery (3742); powered handheld paint sprayers (7292); air compressor pumps (3991)

**3790 Other special process machinery, unspecified**

**3791 Centrifuges**

**3792 Distilling and rectifying machinery**

**3793 Dyeing machinery, except textile**

**3794 Gas liquefying machinery**

**3795 Paint mixing machinery**

**3796 Painting, priming, metal coating machinery**

**3797 Pumps**

*Centrifugal pumps*

*Concrete pumps*

*Fluid power pumps*

*Gasoline pumps*

*Oil well pumps, pump jacks*

*Water, sump pumps*

\*-Asterisks denote a summary level code not assigned to individual cases.

**3799 Special process machinery, n.e.c.**

**39\* Miscellaneous machinery**

This major group classifies machinery which perform functions or processes other than those previously classified.

*Includes:* audio and video equipment; product assembly equipment, n.e.c.; product testing, inspecting, and diagnostic machinery, n.e.c.; other machinery

*Excludes:* hoisting accessories (43\*); machinery parts (44\*); motors (4414); engines (4424); nonpowered handtools (71\*); powered handtools (72\*); vehicles (8\*); plant and industrial powered vehicles (86\*); tractors, PTOs (863\*); forklifts (8621)

**390 Miscellaneous machinery, unspecified**

**391\* Audio and video equipment**

This source group classifies equipment and electronic appliances which are used to transmit, receive, play, and record audio and video communications.

*Includes:* radios, stereos, and other audio equipment; telephones and communication equipment; televisions; video players and recorders

*Excludes:* dictation machines (3629); hospital monitors (3721); computer equipment (361\*); cameras and other photographic equipment (761\*)

**3910 Audio and video equipment, unspecified**

**3911 Audio equipment**

<i>Clock radios</i>	<i>Stereos</i>
<i>Microphones</i>	<i>Speakers</i>
<i>Radios</i>	

**3912 Stationary telephones and communication equipment**

*Desk phones*

**3913 Mobile phones, personal digital assistants, other mobile devices**

<i>Cell phones</i>	<i>Palm type computers</i>
<i>Pagers</i>	

**3914 Televisions**

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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### **3915 Video players and recorders**

*Digital video recorders*

### **3919 Audio and video equipment, n.e.c.**

### **392 Product assembly machinery, n.e.c.**

This code classifies machinery which performs product assembly operations other than those previously classified.

*Includes:* product assembly robots, assembly line machinery not elsewhere classified

*Excludes:* welding machinery (3594)

### **393 Product testing, inspecting, and diagnostic machinery, n.e.c.**

This code classifies product testing, inspecting, and diagnostic machinery other than those previously classified.

*Includes:* product-vibrating machinery; diagnostic machinery

*Excludes:* hospital diagnostic machinery (372); mineral property analyzers (3249)

### **399\* Other machinery**

This source group classifies machinery which perform specific functions or processes which are not classified elsewhere in the Machinery division.

*Includes:* air compressors; garbage disposals; incinerators; snowblowers; trash compactors; vending machines

*Excludes:* hoisting accessories (43\*); machinery parts (44\*); motors (4414); engines (4424); nonpowered handtools (71\*); powered handtools (72\*); vehicles (8\*); plant and industrial powered vehicles (86\*); tractors (863\*); forklifts (8621); snow plows (8429); street sweepers (894)

### **3990 Other machinery, unspecified**

### **3991 Air compressors**

*Pump—air compressor*

### **3992 Garbage disposals**

### **3993 Incinerators**

### **3994 Snowblowers**

\*-Asterisks denote a summary level code not assigned to individual cases.

**SOURCE**

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**3995** Trash compactors  
**3996** Vending machines

**3999** Machinery, n.e.c.  
*Voting machines*

*Gas meters*

\*-Asterisks denote a summary level code not assigned to individual cases.



### 4\* PARTS AND MATERIALS

This division classifies machine parts, tool parts, and automobile parts, as well as building materials, insulating materials, and nonstructural metal materials. Many of the parts and materials classified here are the smaller components of larger machines, tools, vehicles, buildings, etc. In most instances, detailed codes for "parts" are provided for those parts expected to be sources of injury independent of the "whole" machine, tool, vehicle, building, or other object.

If a part is **attached** to a machine, tool, or vehicle, then the entire machine, tool, or vehicle should be listed as the source, unless the event is overexertion or the injury was inflicted by an electrical cord, overhead powerline, or floor of a vehicle in a non-transportation incident.

If a part is known to be **unattached and independent** of a machine, tool, or vehicle—or if it is probable that a machine, tool, or vehicle is not involved in the injury—then that specific part should be listed as the source.

If the material identified as the source of an injury is the **general floor surface in a building or on the ground**, then the appropriate structure or surface in Division 6 (Structures and Surfaces) should be listed as the source.

If the material identified as the source of an injury is an **independent, unattached element**, then that specific element (part or material) should be listed as the source.

*Includes:* building materials—solid elements; structural metal materials; 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

*Excludes:* chemicals and chemical products (1\*); paint, lacquer, shellac, varnish (186\*); containers (2\*); hoses (2122); furniture and fixtures (2\*); lighting fixtures (224\*) and plumbing fixtures (225\*); machinery (3\*); metallic minerals (54\*); nonmetallic minerals (55\*); structural elements (65\*); vehicles (8\*); apparel and textiles (91\*); paper, sheets (932)

#### 40 Parts and materials, unspecified

#### 41\* Building materials—solid elements

This major group classifies materials which are primarily used in the construction of buildings and other structures.

*Includes:* bricks, blocks, structural stone; pipes, ducts, tubing; structural

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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metal materials; tiles, shingles; wood, lumber; other building materials

*Excludes:* building systems (64\*); structural elements (65\*); doors (6511); fences and gates (652\*); roof (654\*); skylights (6541); walls (656\*); windows (653); structures (63\*); office, plant, and residential buildings (62\*); scaffolds, staging (634\*)

### **410 Building materials, unspecified**

### **411\* Bricks, blocks, structural stone**

This source group classifies bricks, blocks, and structural stone materials which are primarily used in the construction of buildings, surfaces, and other structures.

*Includes:* bricks and pavers (ornamental, decorative paving blocks); concrete blocks, cinder blocks; structural stones or slabs

*Excludes:* metallic minerals (54\*) nonmetallic minerals (55\*); boulders (552); clay (553); rocks (556); countertops (2213)

### **4110 Bricks, blocks, structural stone, unspecified**

### **4111 Bricks and pavers**

*Ornamental, decorative paving blocks*

### **4112 Concrete blocks, cinder blocks**

### **4113 Stone, marble, granite slabs**

### **4114 Structural stones or slabs, n.e.c.**

*Preformed sidewalk slabs* *Concrete slab*

### **4119 Bricks, blocks, structural stone, n.e.c.**

### **412\* Pipes, ducts, tubing**

This source group classifies pipes, ducts, and tubing which are primarily used in buildings and other structures which require water, gas, electricity, or ventilation. **Hoses and pressure lines are classified in major group 212 (Containers—pressurized).**

*Includes:* concrete or clay pipes and conduits; ducts; metal pipe, tubing (including stove pipe, flu lining); pipe fittings; plastic or rubber pipe and tubing including PVC pipes; tubulars

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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*Excludes:* hoses (2122); pressure lines, except hoses (2124); flashing (4192); gutters, downspouts (4194); building systems (64\*)

**4120 Pipes, ducts, tubing, unspecified**

**4121 Concrete or clay pipes and conduits**

**4122 Ducts**

**4123 Metal pipes, tubing**

*Tubulars*

**4124 Pipe fittings, collars**

**4125 Plastic, PVC, or rubber pipes and tubing**

**4129 Pipes, ducts, tubing, n.e.c.**

**413\* Structural metal materials**

This source group classifies structural products made from metal. Structural metal materials that are permanent elements of buildings and other structures are classified in Division 6 (Structures and Surfaces). If the material of an unattached beam is unknown, use code 4133.

*Includes:* angle irons; bars, rods, reinforcing bar (rebar); beams; grates; plates, metal panels; rails; sheet metal; steel channel

*Excludes:* flashing (4192); gutters, downspouts (4194); aluminum siding (4196); structural metal materials that are elements of buildings and other structures (6\*); wooden beam (4153); beams attached to a building (6551)

**4130 Structural metal materials, unspecified**

**4131 Angle irons**

**4132 Bars, rods, reinforcing bar (rebar)**

**4133 Beams—unattached metal**

**4134 Grates**

**4135 Metal plates, metal panels**

**4136 Rails—unattached metal**

**4137 Sheet metal**

**4139 Structural metal materials, n.e.c.**

*Steel channel*

**414\* Tiles, shingles**

This source group classifies roof, ceiling, and floor tiles, as well as roof shingles. If an injury is produced by a bundle of shingles or tiles, use code 2131, bundles, bales. If the tiles and shingles are part of a working surface

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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such as a roof, select the working surface, roof (654\*) in this case, as the source.

*Includes:* ceiling tiles; drain, roof, and multipurpose ceramic or stone tiles; roof shingles; vinyl floor tiles

*Excludes:* tiles and shingles as part of a bundle (2131); tiles and shingles as part of a working (roof) surface (654\*)

**4140 Tiles, shingles, unspecified**

**4141 Ceiling tiles**

**4142 Ceramic or stone tiles—drain, roof, multipurpose**

**4143 Roof shingles, except tile**

**4144 Vinyl floor tiles**

**4149 Tiles, shingles, n.e.c.**

**415\* Wood, lumber**

This source group classifies individual pieces of wood and lumber materials that are primarily used in the construction of buildings and other structures. Dimensional lumber or plywood sheets that are part of a banded bundle should be classified in source group 2131 (Bundles, bales) as a variable restraint container. Plywood, paneling, and lumber that are known to be parts of buildings or other structures should be classified in Division 6 (Structures and Surfaces). If the composition of an unattached beam is unknown, use code 4133.

*Includes:* dimensional lumber (2x4's, etc.); plywood, wood paneling; particle, chip and flake board; wood pieces, trim pieces

*Excludes:* boards and sheets as part of a bundle (2131); wood shingles (4143); boards and wood sheets as part of a building or other structure (6\*); metal beam (4133); beam attached to a building (6551)

**4150 Wood, lumber, unspecified**

**4151 Dimensional lumber: 2x4, 2x3, etc.**

**4152 Plywood, wood paneling; particle, chip, flake board**

**4153 Wooden beams**

**4154 Wood pieces, trim pieces, wood scraps, n.e.c.**

**4155 Wooden stakes**

**4159 Wood, lumber, n.e.c.**

**419\* Other building materials—solid elements**

This source group classifies other building materials that are primarily

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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used in protecting, sealing, and finishing building interiors and exteriors.

*Includes:* fencing and screening material, n.e.c.; flashing; glass, window panes; gutters, downspouts; sheet flooring; aluminum, vinyl siding; structural hardware, n.e.c.; wallboard, drywall, sheetrock

*Excludes:* paint, lacquer, shellac, varnish (186\*); rolls of fencing, screening (2133); bricks, blocks, structural stone (411\*); pipes, ducts, tubing (412\*); structural metal materials (413\*); tiles, shingles (414\*); plywood, wood paneling, particle board (4152); tars, sealants, caulking, insulating material (46\*); windshields, vehicle windows (484); mirrors (226\*)

### **4190 Other building materials—solid elements, unspecified**

#### **4191 Fencing and screening material, n.e.c.**

#### **4192 Flashing**

#### **4193 Glass building materials**

*Glass*

*Window panes*

*Glass blocks*

*Glass slabs*

*Sheet glass*

#### **4194 Gutters, downspouts**

#### **4195 Sheet flooring**

#### **4196 Siding—aluminum, vinyl**

#### **4197 Structural hardware, n.e.c.**

*Door knobs*

*Locks*

*Latches*

#### **4198 Wallboard, drywall, sheetrock**

#### **4199 Building materials—solid elements, n.e.c.**

### **42\* Fasteners, connectors, ropes, ties**

This major group classifies fasteners, connectors, and binders that are primarily used to hold materials together.

*Includes:* fasteners; ropes, ties; valves, nozzles; cable

*Excludes:* variable restraint containers (213\*); electrical wire (4411); cable accompanied by winches (4423); handtool clamps (7142)

### **420 Fasteners, connectors, ropes, ties, unspecified**

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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### **421\* Fasteners**

This source group classifies any of various devices that are used to attach, connect, or secure things together.

*Includes:* clamps, couplings; nails, brads, tacks; nuts, bolts, washers; rivets; screws; spikes; staples; tape

*Excludes:* handtool clamps (7142); nonpowered staplers (7195); powered staplers (7236); safety pins (7941)

#### **4210 Fasteners, unspecified**

#### **4211 Clamps, couplings**

#### **4212 Nails, brads, tacks, nuts, bolts, washers**

#### **4213 Hinges**

#### **4214 Rivets**

#### **4215 Screws**

#### **4216 Spikes**

#### **4217 Staples**

#### **4219 Fasteners, n.e.c.**

*Tape*

### **422\* Ropes, ties, chains**

This source group classifies ropes and ties of any composition that are used primarily for binding things together. Similar to other machine and equipment parts, items in this category are coded as the source only if they are separate or independent of the "whole" or if the event is overexertion.

*Includes:* bands; bungee cords (including bungee jumping cords); chains, n.e.c.; rope, twine, string; strapping; nonelectrical wire; cable

*Excludes:* fasteners (421\*); electrical wire or cable (4411); cable accompanied by winches (4423); tape (4219)

#### **4220 Ropes, ties, chains, unspecified**

#### **4221 Bands**

#### **4222 Bungee cords**

#### **4223 Chains, n.e.c.**

#### **4224 Rope, twine, string**

*Mooring line*

*Boat line*

#### **4225 Strapping**

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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**4226 Wire, cables—nonelectrical**

**4229 Ropes, ties, chains, n.e.c.**

**423 Valves, nozzles**

This source group classifies valves which are primarily used for connecting pipe together, or are used to control the flow of liquids and gases through a system.

*Excludes:* hoses (2122); pressure lines (2124); pipes (412\*)

**429 Fasteners, connectors, ropes, ties, n.e.c.**

**43\* Hoisting accessories**

This major group classifies unattached hoisting accessories which are primarily used in conjunction with the hoisting machinery classified in source group 344 (Overhead hoists). These are primarily hoisting machinery attachments designed to grip, pick up, or carry heavy materials. If the accessory is known to be attached to a hoisting machine, the entire machine should be listed as the source.

*Includes:* fixtures, load indicators; hooks, shackles, magnets, clamshells, orange peels, grapples, anchors, cant hooks, grapnels, grappling irons, grappling hooks; slings

*Excludes:* logging skidders, logging cable and grapple skidders (3233); pulleys, sheaves, block and tackle, cable, winches (4423)

**430 Hoisting accessories, unspecified**

**431 Fixtures, load indicators**

**432 Hooks, shackles, magnets, clamshells**

**433 Slings**

**439 Hoisting accessories, n.e.c.**

**44\* Machine, tool, and electric parts**

This major group classifies **unattached** machine, tool, electric, and vehicle parts and materials. In general, if a part classified in this group is **attached** to a machine, tool, or vehicle at the time of injury then that entire machine, tool, or vehicle should be listed as the source, unless the event is overexertion or the injury was inflicted by an electrical cord, overhead powerline, or floor of a vehicle in a non-transportation incident.

*Includes:* electric parts; machine and appliance parts; tool parts, accessories

*Excludes:* machinery (3\*); handtools (7\*); vehicles (8\*)

\*-Asterisks denote a summary level code not assigned to individual cases.

**440 Machine, tool, and electric parts, unspecified**

**441\* Electric parts**

This source group classifies electric parts which primarily carry or generate electrical currents for machinery, vehicles, and other sources which require electrical systems. These codes are used regardless of whether they are attached to the electrical grid or are separate. Motor vehicle engines are coded in source group 482 whether those engines are fueled by fossil fuel, biofuel, electric motors, or some other fuel source or combination of fuel sources.

*Includes:* electrical wiring or cable; generators; magnetic and electrolytic apparatus; motors; power lines, transformers, convertors; relays, rheostats, starters, controls; switchboards, switches, fuses, fused cutouts; batteries except vehicle; alternators, armatures, coils, distributors, spark plugs

*Excludes:* battery acid (1115); lamps, light bulbs (224\*); nonvehicle fans (3312); nonelectrical wiring (4226); nonvehicle engines, turbines (4424); vehicle engines (4823); vehicle batteries (4821); vehicle fans (4824); electrical towers (6352)

**4410 Electric parts, unspecified**

**4411 Electrical wiring—building**

**4412 Generators**

**4413 Batteries other than automotive**

**4414 Motors other than vehicle**

**4415 Power lines, transformers, convertors**

*Overhead power lines*

*Underground power lines*

**4416 Relays, rheostats, starters, controls**

*Voltage dividers*

*Variable resistors*

**4417 Switchboards, switches, fuses**

*Junction boxes*

*Power panels*

*Breaker boxes*

*Electrical boxes*

*Electrical panels, boards*

*Circuit boxes*

*Fuse boxes*

*Electrical outlets*

*Light switches*

**4418 Power cords, electrical cords, extension cords**

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\*-Asterisks denote a summary level code not assigned to individual cases.



## SOURCE

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### **4419 Electric parts, n.e.c.**

*Magnetic and electrolytic apparatus*

*Battery chargers*

*Surge suppressors*

### **442\* Machine and appliance parts**

This source group classifies unattached parts which primarily function as the operating parts of machines and appliances. Included here is mechanical power transmission equipment for industrial machinery and aircraft. Vehicle parts and engines are classified in major group 48 (Vehicle and mobile equipment parts).

Electrical equipment for automobiles (except batteries) and other internal combustion engines, such as generators and alternators, is included in source group 441 (Electric parts).

This source group also includes machine parts which are used for molding, stamping, cutting, or shaping. Some items included here are punches, forming and stamping devices, dies, steel rule, diamond dies, and die-casting molds.

If a part is known or assumed to be **attached** to a machine when an injury occurs, then that entire machine should be listed as the source, unless the event is overexertion or the injury was inflicted by an electrical cord, overhead powerline, or floor of a vehicle in a non-transportation incident.

If a part is known to be **unattached and independent** of a machine, or if it is probable that a machine is not involved, then that specific part should be selected as the source.

*Includes:* dies, molds, patterns; chain, leather, fabric, and vee belt drives; drums, pulleys, sheaves (blocks), cable and winches; nonvehicle engines, turbines; friction clutches; gears; rollers

*Excludes:* roller conveyors (3412); molding machinery (353\*); hoisting accessories (43\*); vehicle engines (482\*); cables not attached to winches (4226)

### **4420 Machine and appliance parts, unspecified**

#### **4421 Dies, molds, patterns**

#### **4422 Drives—chain, leather, fabric, vee belt**

#### **4423 Drums, pulleys, sheaves**

*Block and tackle*

*Crown block*

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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*Traveling block*

*Winches and accompanying  
cable*

**4424 Engines, turbines, except vehicle**

**4425 Friction clutches**

**4426 Gears**

**4427 Rollers**

**4429 Machine and appliance parts, n.e.c.**

*Machine doors*

*Machine safety hatch*

**443\* Tool parts, accessories**

This source group classifies unattached tool parts and accessories.

If a part is known to be **attached** to a tool or machine when an injury occurs, then the entire tool or machine should be listed as the source, unless the event is overexertion or the injury was inflicted by an electrical cord, overhead powerline, or floor of a vehicle in a non-transportation incident.

If a part is known to be **unattached** and independent of a tool or machine, or if it is **unknown** whether a tool or machine is involved, then that specific part should be selected as the source.

*Includes:* unattached drill bits; unattached saw blades

*Excludes:* machinery (3\*); stationary drills (3521); stationary sawing machinery (357\*); nonpowered cutting handtools (712\*); powered cutting handtools (722\*)

**4430 Tool parts, accessories, unspecified**

**4431 Drill bits—unattached**

**4432 Saw blades—unattached**

**4439 Tool parts, accessories, n.e.c.**

**449 Machine, tool, and electric parts, n.e.c.**

**45\* Metal materials—nonstructural**

This major group classifies nonstructural metal materials that are primarily formed to be further developed into structural metal products (e.g., reinforcing bar, sheet metal, but may also remain in a nonstructural condition as well (e.g., precious metal ingots, bars, etc.). Both hot and cooled slag are included in code 452.

*Includes:* nonstructural metal sheets, ingots, bars; molten or hot metals, slag

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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*Excludes:* structural bars (4132); structural plates, panels (4135); structural sheet metal (4137)

**450 Metal materials—nonstructural, unspecified**

**451 Metal sheets, ingots, bars—nonstructural**

**452 Molten or hot metals, slag**

**459 Metal materials—nonstructural, n.e.c.**

**46\* Tars, sealants, caulking, insulating material**

This major group classifies liquid and fiber materials which are primarily used to seal gaps or openings in roofs, walls, windows, and other fixtures, as well as provide insulation in buildings and other structures.

*Includes:* roofing asphalt, roofing tar; fiberglass insulation; foam caulking, foam insulation; joint compound, patching compounds; plastic, vinyl caulking; sealants, waterproofers, n.e.c.

*Excludes:* adhesives (181); paint (1862); paint thinner (1872); caulking guns (7199); polyurethane spray-on coatings (1751); paving asphalt, asphaltic cement (1644)

**460 Tars, sealants, caulking, insulation, unspecified**

**461 Roofing asphalt, roofing tar**

**462 Fiberglass insulation**

*Fibrous glass*

**463 Foam caulking, foam insulation**

**464 Joint compound, patching compound**

**465 Plastic, vinyl caulking**

**466 Sealants, waterproofers, n.e.c.**

**469 Tars, sealants, caulking, insulation, n.e.c.**

**47\* Tarps and sheeting—nonmetal**

This source group classifies nonmetal plastic, felt, and other fabric tarps and sheeting primarily used to protect the interiors and surfaces of structural elements such as roofs, ceilings, walls, and floors.

*Includes:* roofing paper, roofing felt; plastic tarps, ground cloths, fabric sheeting; cardboard and paperboard

*Excludes:* rolls of roofing paper (2133); tars, sealants, caulking, insulation (46)

**470 Tarps and sheeting—nonmetal, unspecified**

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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- 471 Roofing paper, roofing felt**
- 472 Tarps, plastic or fabric sheeting**
- 473 Plastic wrap**

- 474 Cardboard**

*Includes:* paperboard, pasteboard, corrugated fiberboard, container board, poster board, boxboard

*Excludes:* cardboard boxes (2114)

- 479 Tarps and sheeting—nonmetal, n.e.c.**

- 48\* Vehicle and mobile equipment parts**

This source group classifies unattached parts which primarily function as the operating parts of vehicles and mobile equipment.

Electrical equipment for automobiles (except batteries) and other internal combustion engines, such as generators and alternators, is included in source group 441 (Electric parts). Mechanical power transmission equipment (e.g., engines, gears) for industrial machinery and aircraft is classified in source group 442 (Machine and appliance parts).

If a part is known to be **attached** to a vehicle when an injury occurs, then the entire vehicle should be listed as the source, unless the event is overexertion or the injury was inflicted by an electrical cord, overhead powerline, or floor of a vehicle in a non-transportation incident.

If a part is known to be **unattached** and independent of a vehicle, or if it is **unknown** whether a vehicle is involved (for example, during vehicle assembly), then that specific part should be selected as the source.

*Includes:* tires, inner tubes, wheels; engine parts and accessories; trailers; vehicle windshields, vehicle windows

*Excludes:* lightbulbs (2242); nonvehicle glass (4193); electric parts (441\*); nonvehicle engines (4424); nonvehicle windows (653); vehicles (8\*); trailer trucks (8421)

- 480 Vehicle and mobile equipment parts, unspecified**

- 481\* Tires, inner tubes, wheels**

This source group classifies unattached tires, inner tubes, and wheels used mostly in conjunction with vehicles and mobile equipment.

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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*Includes:* bike tires; tire inner tubes; all other tires (except bike); wheels, tire rims

*Excludes:* pulleys (4423); vehicles (8\*)

**4810 Tires, inner tubes, wheels, unspecified**

**4811 Bike tires**

**4812 Tire inner tubes**

**4813 Tires, except bike**

**4814 Wheels, tire rims**

**4819 Tires, inner tubes, wheels, n.e.c.**

**482\* Engine parts and accessories**

This source group classifies unattached vehicle engine parts and accessories which are not connected to a vehicle when an injury occurs. All motor vehicle engines are coded here whether those engines are fueled by fossil fuel, biofuel, electric motors, or some combination (hybrid vehicles).

*Includes:* vehicle battery; belts, hoses; vehicle engine; vehicle motor; engine block; fan; muffler, exhaust; radiator; transmission

*Excludes:* garden hoses (2122); house fans (3312); nonvehicle batteries (4413); nonvehicle transmission systems (442\*); vehicles (8\*); motor, generator, alternator (441\*)

**4820 Engine parts and accessories, unspecified**

**4821 Battery—vehicle**

**4822 Belts, hoses—vehicle**

**4823 Engine, engine block, motor—vehicle**

**4824 Fan—vehicle**

**4825 Muffler, exhaust**

**4826 Radiator—vehicle**

**4827 Transmission—vehicle**

**4829 Engine parts and accessories, n.e.c.**

**483 Trailers**

This source group classifies trailers which are not connected to a vehicle when an injury occurs.

*Includes:* unattached car and truck trailers, feed wagons

*Excludes:* semitrailers, trailer trucks (8421); motor homes, RVs (8417); mobile or prefabricated homes (6254)

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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### **484 Windshields, vehicle windows**

This source group classifies vehicle windshields and windows that are not installed on a vehicle when an injury occurs.

*Includes:* unattached vehicle windshields, windows

*Excludes:* nonvehicle glass (4193); nonvehicle windows (653)

### **485\* Vehicle doors, liftgates, tailgates**

#### **4850 Vehicle doors, liftgates, tailgates, unspecified**

#### **4851 Vehicle passenger doors**

#### **4852 Liftgates**

#### **4853 Tailgates**

### **489 Vehicle and mobile equipment parts, n.e.c.**

*Airbags Forklift tines*

*Booms Headlights*

*Car seats*

### **49\* Other parts and materials**

This major group classifies all parts and materials that are not elsewhere classified. This category includes unattached caps, lids, and covers.

### **490 Other parts and materials, unspecified**

### **491\* Caps, lids, covers**

Caps, lids, and covers that are separated from their containers or other structures and cause injury are coded here. For example, if the cap from a pressurized pipe, hose, valve, or other container comes off and strikes or cuts an employee, the cap would be coded as the source. If the lid is still attached to the container, such as being struck by a dumpster lid, code the container. Caps worn on a person's head are coded 9113.

#### **4910 Caps, lids, covers, unspecified**

#### **4911 Container caps, lids, covers**

*Includes:* can lid, bottle cap, kettle lid, barrel lid, drum lid, tank end cap, gas cylinder cap, jar cover

#### **4912 Manhole and cistern covers**

#### **4919 Caps, lids, covers, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.

**SOURCE**

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**499 Parts and materials, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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### **5\* PERSONS, PLANTS, ANIMALS, AND MINERALS**

This division classifies living organisms (including infectious and parasitic agents) and their products, as well as raw metallic and nonmetallic minerals. Work-related HIV infections are classified in source group 533 (Viruses).

*Includes:* animals and animal products; fresh or processed food products; infectious and parasitic agents; metallic minerals; nonmetallic minerals (except fuel); person—injured or ill worker; person—other than injured or ill worker; bodily fluids; unprocessed plants, trees, vegetation

*Excludes:* chemicals (1\*); metallic particulates, trace elements, dusts, powders, fumes (14\*); structural and nonstructural metal materials (4\*); lumber (415\*)

### **50 Persons, plants, animals, and minerals, unspecified**

#### **51\* Animals**

This major group classifies living animals (except humans).

*Includes:* birds and fowl; fish, shellfish; insects, arachnids, mites (spiders, bees, ticks, scorpions); mammals (except humans); reptiles

*Excludes:* food products (522\*); nonfood animal products (521\*); humans, persons (56\* and 57\*); animal manure (5216); animal carcass, roadkill (5215)

#### **510 Animals, unspecified**

#### **511\* Birds and fowl**

This source group classifies birds and fowl in a living or natural, unprocessed condition.

*Includes:* birds (except fowl); chickens; ducks; geese; turkeys

*Excludes:* bats (5159), processed poultry or other poultry products (5227)

#### **5110 Birds and fowl, unspecified**

#### **5111 Birds, except fowl**

#### **5112 Chickens**

*Includes:* roosters

\*-Asterisks denote a summary level code not assigned to individual cases.



## SOURCE

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- 5113 Ducks**
- 5114 Geese**
- 5115 Turkeys**
- 5119 Birds and fowl, n.e.c.**

### **512 Fish, shellfish**

*Excludes:* shellfish food products (5227)

### **513\* Insects, arachnids, mites**

*Includes:* ants, bees, scorpions, spiders, ticks, wasps, lice, fleas, bedbugs, flies, mosquitoes, hornets

- 5130 Insects, arachnids, mites, unspecified**
- 5131 Bees, hornets, wasps**
- 5132 Spiders, scorpions**

#### **5133 Ants**

*Includes:* fire ants

#### **5134 Lice, fleas, bedbugs**

#### **5135 Mosquitoes**

#### **5136 Ticks and mites**

*Includes:* scabies, chiggers

#### **5138 Multiple insects, arachnids, mites**

#### **5139 Insects, arachnids, mites, n.e.c.**

*Includes:* beetles, flies

### **514\* Reptiles**

- 5140 Reptiles, unspecified**
- 5141 Venomous snakes**
- 5142 Nonvenomous snakes**
- 5149 Reptiles, n.e.c.**

*Includes:* alligators, crocodiles, lizards, turtles

### **515\* Mammals, except humans**

This source group classifies all mammals (except humans) in a living or

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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natural intact condition. Persons are classified in major groups 56 and 57.

*Includes:* cats and other domestic felines; domestic dogs; cattle and other bovine (cows, buffalo, bison); horses and other equine (ponies, mules, donkeys, zebras); rodents (rats, mice, squirrels); sheep, goats and other caprids (pronghorn antelope, lambs); swine and other porcine (pigs, boars, hogs); deer and other cervids (elk, moose, caribou, reindeer)

*Excludes:* nonfood animal products (521\*); processed food products (522\*); animal carcass, roadkill (5215)

### **5150 Mammals, unspecified**

#### **5151 Cats, felines—domestic**

*Includes:* house cats, alley cats, kittens, feral cats

*Excludes:* tigers, leopards, lions (5159)

#### **5152 Dogs, canines—domestic**

*Includes:* hunting dogs, sled dogs, police dogs

*Excludes:* wolves (5159)

#### **5153 Cattle and other bovines**

*Includes:* beef and dairy cattle, buffalo, bison, yak, cows, calves, bulls

*Excludes:* beef food products (5227)

#### **5154 Horses and other equines**

*Includes:* horses, ponies, mules, donkeys, zebras

#### **5155 Rodents**

*Includes:* rats, mice, squirrels

#### **5156 Sheep, goats, and other caprids**

*Includes:* sheep, goats, pronghorn antelope, lambs

#### **5157 Swine and other porcines**

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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*Includes:* pigs, boars, hogs

### **5158 Deer and other cervids**

*Includes:* elk, moose, caribou, reindeer

### **5159 Mammals, n.e.c.**

*Includes:* lions, tigers, leopards, bears, giraffes, elephants, wolves, monkeys, primates, bats, rabbits, raccoons

### **519 Animals, n.e.c.**

## **52\* Animal and plant byproducts**

### **520 Animal and plant byproducts, unspecified**

### **521\* Animal products, nonfood**

This source group classifies raw or unprocessed nonfood animal products

*Includes:* bones (including fossilized bones), shells; feathers; fur, wool; leather hides; animal carcasses and roadkill; animal waste products

*Excludes:* bone meal, ground oyster shells, dried animal blood used as fertilizer or plant food (151); food products (522\*); apparel and textiles (91\*)

### **5210 Animal products—nonfood, unspecified**

#### **5211 Bones, shells**

#### **5212 Feathers**

#### **5213 Fur, wool**

#### **5214 Hides—leather**

#### **5215 Animal carcass, roadkill**

### **5216 Animal waste products**

*Includes:* manure

### **5219 Animal products—nonfood, n.e.c.**

*Includes:* animal fluids and blood

## **522\* Food products**

This source group classifies fresh or processed foods obtained from

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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animals or plants. Use these codes if worker is burned by hot food, is struck by or slips on food, or becomes ill due to an allergic reaction or food poisoning from consumed food or contact with food. If a worker is injured carrying large cases or bags of food, code the box or bag.

*Includes:* bakery products, candy, confections, snack foods; beverages, n.e.c.; dairy products; fruits, nuts, vegetables; grains, cereals, grain mill products; meat, poultry; seafood; multiple foods or groceries; fats, oils, cooking greases; sugar, cocoa, chocolate

*Excludes:* cash grain crops (581), field crops (582), grain dust (5891), flavorings (1893)

### **5220 Food products, unspecified**

### **5221 Fats, oils, cooking greases**

*Includes:* butter

### **5222 Soups, sauces, gravies**

*Includes:* hot soups, stocks, broths, tomato sauces, hot sauces

### **5223 Dairy products**

*Includes:* milk, yogurt, cheese

### **5224 Beverages, n.e.c.**

*Includes:* coffee, juices, tea, hot chocolate

### **5225 Fruits, nuts, vegetables**

*Includes:* peanuts, peanut products

### **5226 Grains, cereals, grain mill products**

*Includes:* hot cereals, corn

### **5227 Meat, poultry, seafood**

*Includes:* meat and meat products; beef carcasses; chicken—meat; poultry—meat

### **5228 Multiple foods or groceries**

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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### **5229 Food products, n.e.c.**

*Includes:* bakery products, candy, pet food, snack foods, sugar, cocoa, chocolate

### **529 Animal and plant byproducts, n.e.c.**

### **53\* Infectious and parasitic agents**

This major group classifies organic (living) infectious and parasitic agents including bacteria, fungi (including mold and mildew), and viruses, including work-related HIV infections.

*Includes:* bacteria; fungi; viruses (including HIV)

### **530 Infectious and parasitic agents, unspecified**

#### **531 Bacteria**

*Includes:* spirochetes

#### **532\* Fungi**

##### **5320 Fungi, unspecified**

##### **5321 Mold, mildew**

##### **5329 Fungi, n.e.c.**

#### **533 Viruses**

### **539 Infectious and parasitic agents, n.e.c.**

### **54\* Metallic minerals**

This major group classifies raw, natural metallic minerals (or combination of minerals) from which a metal (or metals) or radiation can be extracted.

*Includes:* nonradiating metal ores; natural and processed radiating metals

*Excludes:* metallic particulates, trace elements, dusts, powders, fumes (14\*); structural and nonstructural metal materials (4\*); nonmetallic minerals, except fuel (55\*)

#### **540 Metallic minerals, unspecified**

#### **541 Metal ores—nonradiating**

This source group classifies nonradiating metal ores.

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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*Includes:* copper ore; gold, platinum, silver ore; iron ore; lead ore; zinc ore; mercury ore; nickel ore; tin ore

*Excludes:* molten metal (452)

### **542\* Radiating metals, natural and processed**

This source group includes substances which emit energy in the form of rays of light, heat, alpha, beta, gamma, etc. This code would be used only in cases of radiation injuries. Reactor fuel or waste can be either uranium or plutonium and, therefore, should be classified in 5420 (unspecified) unless the type is specified.

*Includes:* plutonium; radium; uranium

*Excludes:* nonradiating metal ores (541)

#### **5420 Radiating metals, natural and processed, unspecified**

#### **5421 Plutonium**

#### **5422 Radium**

#### **5423 Uranium**

#### **5429 Radiating metals, natural and processed, n.e.c.**

### **549 Metallic minerals, n.e.c.**

### **55\* Nonmetallic minerals, except fuel**

This major group classifies natural and processed products of mining, excavating, landslides, etc., except fuel. Unspecified dirt or dust particles are coded in 9411.

*Includes:* asbestos; boulders; natural and processed clay; dirt, earth; mud; rocks, crushed stone; sand, gravel; silica

*Excludes:* dry cement, mortar mix (1121); fuel (16); ditches, channels, trenches, excavations (611); mines, caves, tunnels (612\*); unspecified dirt or dust particles (9411)

#### **550 Nonmetallic minerals, except fuel, unspecified**

#### **551 Asbestos**

This source group classifies asbestos minerals: rock-forming minerals that are separated into long, thread-like fibers.

*Includes:* asbestos dust

#### **552 Boulders**

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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This source group classifies large masses of stone detached from the mass as they are primarily found in natural settings.

### **553 Clay—natural and processed**

This source group classifies all types of natural and processed clay: a fine-grained earth used in the manufacture of bricks, pipes, pottery, and other ceramics.

### **554 Dirt, earth**

This source group classifies all types of dirt, soil, and earth not specified elsewhere.

### **555 Mud**

### **556 Rocks, crushed stone**

This source group classifies hard, nonmetallic mineral matter not specified elsewhere as may be found in quarries or in natural settings. Gravel is classified in 557.

### **557 Sand, gravel**

This group includes all types of sand and gravel used for a variety of purposes.

### **558 Silica**

This group classifies hard, glassy mineral (silica) found in a variety of forms such as quartz, sand, and opal.

*Includes:* silica dust

### **559 Nonmetallic minerals, except fuel, n.e.c.**

*Includes:* vermiculite

### **56\* Person—injured or ill worker**

This major group classifies bodily conditions and self-induced bodily motion injuries.

*Includes:* bodily conditions of injured, ill worker; bodily motion or position of injured, ill worker

*Excludes:* injuries or illnesses inflicted by bodily fluids, substances, or other

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\*-Asterisks denote a summary level code not assigned to individual cases.

persons (57\*)

**560 Person—injured or ill worker, unspecified**

**561 Bodily conditions of injured, ill worker**

This source group classifies physical, mental, or emotional conditions—such as unexplained faintings, heart attacks not attributed to other sources, and work-related stress—which result in nervous disorders, symptoms or illnesses. This code must be used when Event or exposure is **74, Bodily conditions, n.e.c.**

**562 Bodily motion or position of injured, ill worker**

This source group classifies stress or strains induced by a free movement of the body or its parts, with no impact involved. This group is also used for coding awkward or sustained positions of the injured worker as well as the motion of the person for motion sickness cases. This code must be used when the Event or exposure is coded as **Repetitive motions involving microtasks (72\*) or other exertions or bodily reactions (73\*)**.

**569 Person—injured or ill worker, n.e.c.**

This code is used as the source for suicides and other intentional self-inflicted injuries.

**57\* Person—other than injured or ill worker**

This major group classifies various types of persons other than the injured or ill worker. In general, people are classified according to their relationship with the injured or ill worker or with the establishment for which the employee works.

Spouses and domestic partners (5711) include current and former spouses, common law spouses, and current and former boyfriends and girlfriends even if not known whether living together. Other friends of the injured or ill worker are coded as Acquaintances (576). If a person can be classified in more than one category (571-577, 579), choose the first code in the list describing the person's relationship with the injured worker or establishment. For example, if a co-worker robs a business, choose co-worker (5721) because it is listed before robber. However, if a police officer is shot while trying to apprehend a person who had robbed a store, use code 5773 Suspect not yet apprehended, since the robber was not trying to rob the police officer.

**570 Person, other than injured or ill worker, unspecified**

**571\* Relative or domestic partner of injured or ill worker**

\*-Asterisks denote a summary level code not assigned to individual cases.



**5710 Relative or domestic partner of injured or ill worker, unspecified**

**5711 Spouse or domestic partner of injured or ill worker**

*Includes:* spouse, domestic partner, ex-spouse, estranged spouse, husband, ex-husband, wife, ex-wife, boyfriend, ex-boyfriend, girlfriend, ex-girlfriend, estranged boyfriend or girlfriend, common law spouse

*Excludes:* other room- or house-mates (576), relative other than spouse (5712 or 5719)

**5712 Immediate family member other than spouse**

*Includes:* son, daughter, father, mother, brother, sister, parent

**5719 Relative or domestic partner of injured or ill worker, n.e.c.**

*Includes:* uncle, aunt, cousin, nephew, niece, grandson, granddaughter, in-laws, grandparent

**572\* Co-worker or work associate of injured or ill worker**

This group includes an employee or past employee of the business, as well as a contractor working as a temporary employee on the same site. Co-workers are defined as people who know or directly work with the injured or ill worker, or have done so in the past. Work associates are individuals who may work (or have previously worked) for the same establishment, in the same building, or as a contractor, for example. Work associates are less likely to know the injured worker personally or work with him or her on a day-to-day basis. For example, for a nurse working in a hospital, doctors, nurses, supervisory nurses, technicians, and others who work directly with that nurse are co-workers. Other employees of the hospital, such as security, food service, or administrative personnel, are more likely to be work associates. When an athlete is injured during a sporting event or training exercise, code 5721, Co-worker, if the injury is from contact with a team member or fellow trainee. If the injury is from contact with someone from another team or an opponent as in a boxing match or wrestling meet, code 5723, Work associate. Other business competitors are coded in 5729, Co-worker or work associate, n.e.c.

**5720 Co-worker or work associate of injured or ill worker, unspecified**

**5721 Co-worker**

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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- 5722 Former co-worker**
- 5723 Work associate**
- 5724 Former work associate**
- 5729 Co-worker or work associate, n.e.c.**

*Includes:* business competitors

### **573 Student**

This category includes students in primary or secondary school, as well as college, university, or daycare students. Students in other types of training programs, such as martial arts or flight training, would be classified as Other client or customer (575).

### **574 Patient**

This code includes a patient in any type of healthcare facility, including doctor's and dentist's offices, hospitals, nursing homes, and mental health facilities. Patients cared for in their own homes and patients of emergency medical services are also included.

Mental health patients who have committed a crime and are in a correctional facility are coded as 5772. Residents of halfway houses and assisted living facilities are coded as Other clients or customers (575) unless the injured or ill employee was working in a health care capacity when injured by the patient.

### **575 Other client or customer**

This code includes persons with a legitimate relationship with the business and who are being served by the business.

*Includes:* bar patron, tenant, parolee, resident of halfway house or assisted living facility

*Excludes:* health care patients (574), inmates of correctional facilities (5772), robbers posing as customers (5771)

### **576 Acquaintance**

This code includes all other persons known to the injured worker.

*Includes:* friend, neighbor, roommate other than domestic partner, member of same gang

*Excludes:* family member (571\*), client (575), boyfriend or girlfriend (5711), patient (574), co-worker (572\*)

\*-Asterisks denote a summary level code not assigned to individual cases.

**577\* Assailant, suspect, inmate**

This group includes persons who have no legitimate relationship to the business of the injured worker or its employees and includes perpetrators of various types of robbery or theft.

**5770 Assailant, suspect, unspecified**

**5771 Robber**

If the worker was injured while he, she, or the establishment was being robbed, choose 5771. If the motive or the motive was unclear, choose 5770.

*Includes:* robber, shoplifter, mugger, carjacker

*Excludes:* co-workers (5721); former co-workers (5722); inmates or detainees in custody (5772); robbery suspect injuring responding police officer (5773)

**5772 Inmate or detainee in custody**

This category includes inmates of correctional institutions and suspects that have been apprehended or are being detained by police or security personnel.

*Includes:* mental health patient held in correctional facility, resident of correctional facility

*Excludes:* mental health patient held in other than correctional facility (574); residents of halfway houses (575)

**5773 Suspect not yet apprehended**

Choose this code when the worker is injured by someone who is suspected of a crime but not yet apprehended—such as when a police officer is shot while responding to a domestic violence call or in response to a shooting or robbery. Persons being apprehended or stopped for traffic violations and who have committed no other crimes are coded in 5779.

**5779 Assailant, suspect, n.e.c.**

Choose this code when a worker is injured by a person who is committing a crime, such as an injury during a sexual assault, hate crime, shooting spree, or traffic violation, and no other code is appropriate.

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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*Excludes:* robber (5771), detainee in custody (5772), suspect not yet apprehended (5773), relative (571\*), co-worker (572\*), client or customer (575), acquaintance (576), patient (574)

**578\* Bodily fluids or substances of other than injured or ill person**

**5780 Bodily fluids or substances of other than injured or ill person, unspecified**

**5781 Blood of other than injured or ill person**

**5782 Urine or feces of other than injured or ill person**

**5783 Mucus or saliva of other than injured or ill person**

**5788 Combination of bodily fluids or substances of other than injured or ill person**

**5789 Bodily fluids or substances of other than injured or ill person, n.e.c.**

**579 Person, other than injured or ill worker, n.e.c.**

**58\* Plants, trees, vegetation—not processed**

This major group classifies plants, trees, and vegetation in a natural or unprocessed condition. Source group 587, trees, logs, limbs, includes cut trees with or without limbs as well as tree branches. Thorns are coded according to the relevant plant. Pollen is coded 5899.

*Includes:* cash grain crops (including corn, rice, soybeans, wheat); field crops (including cotton, potatoes, sugarcane, tobacco); flowers; houseplants; poison ivy, oak, sumac; reeds, shrubs, marshes, grasses; trees, logs, limbs; vegetable plants

*Excludes:* lumber (415); processed wood pieces (4154); fresh or processed food products (522)

**580 Plants, trees, vegetation, unspecified**

**581 Cash grain crops**

**582 Field crops**

*Includes:* vegetable plants

**583 Flowers**

**584 Houseplants**

**585\* Poison ivy, oak, sumac, Rhus**

**5850 Poison ivy, oak, sumac, Rhus, unspecified**

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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- 5851 Poison ivy**
- 5852 Poison oak**
- 5853 Poison sumac**
- 5859 Poison ivy, oak, sumac, Rhus, n.e.c.**

**586 Shrubs, grasses**

*Includes:* reeds, marsh plants

**587\* Trees, logs, limbs**

**5870 Trees, logs, limbs, unspecified**

**5871 Trees**

*Includes:* attached palm fronds, attached tree limbs or branches

**5872 Logs**

**5873 Limbs, branches—unattached**

*Includes:* unattached palm fronds, unattached tree or shrub branches

**5879 Trees, logs, limbs, n.e.c.**

*Tree stumps*

**589\* Other plants, trees, vegetation—not processed**

**5891 Grain dust**

**5899 Plants, trees, vegetation—not processed, n.e.c.**

*Plant burrs*

*Pollen*

**59 Persons, plants, animals, and minerals, n.e.c.**

This code classifies plants, animals, and minerals not elsewhere classified.

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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### 6\* STRUCTURES AND SURFACES

This division classifies all types of structures and structural elements including building structures and systems, bridges, stadia, tunnels, towers, and dams as well as confined spaces, structural elements, and natural structures. Also classified here are walking, working, and road surfaces. Structural elements, including doors, windows, roofs, and walls, are classified in major group 65 (Other structural elements).

If the material identified as the source of an injury is the **general floor surface** in a building or on the ground, then the appropriate structure or surface in this division should be selected as the source.

If the material identified as the source of an injury is an **independent, unattached element**, then that specific element should be listed as the source, Part or material, Division 4. Structural elements such as prefabricated roof trusses and windows, structures in their own right, should be listed as the source regardless of whether they are independent or part of a building. Any ladder that is a fixed or temporary part of any structure is classified in major group 74 (Ladders).

*Includes:* building systems; floors, walkways, ground surfaces; other structural elements; structures

*Excludes:* bricks, blocks, structural stone (411\*); unattached structural metals (413\*); unattached building materials (41\*); ladders (74\*)

### 60 Structures and surfaces, unspecified

### 61\* Confined spaces

This major group classifies structures that are considered confined because their configurations hinder the activities of employees who must enter, work in, and exit them. A confined space has limited or restricted means for entry or exit, is not designed for continuous employee occupancy, and there is increased risk of exposure to serious physical injury from hazards such as entrapment, engulfment and hazardous atmospheric conditions. A workspace is included if it contains, or has the potential to contain a hazardous atmosphere; contains a material that has the potential to engulf an entrant; or has walls that converge inward or floors that slope downward and taper in a smaller area which could trap or asphyxiate an entrant. Spaces coded in this section may include spaces not considered as confined according to OSHA.

These codes would typically be used as the secondary source for incidents involving confined spaces.

*Includes:* ditches, channels, trenches, underground vaults, tanks, storage

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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bins, manholes, pits, silos, process vessels, pipelines, underground mines and tunnels, tanker truck interiors, confined spaces on ships

*Excludes:* building exteriors (62\*), passenger vehicles (841\*)

### **610 Confined spaces, unspecified**

### **611 Ditches, channels, trenches, excavations**

This code includes confined spaces that are open vertically but confined on the sides by trench walls, for example. Spaces that are confined vertically should be in source group 612 (Underground mines, caves, tunnels).

*Excludes:* non-confined culverts and ditches (6676)

### **612\* Underground mines, caves, tunnels**

This source group classifies underground mines, caves, sewers and storm drains, and tunnels (including subway, train, sewer, and pedestrian tunnels).

*Includes:* mines, mine tunnels (6121); pedestrian tunnels (6124); sewers, manholes, storm drains, and culverts (6122); subway and train tunnels (6123)

*Excludes:* ditches, channels, trenches, excavations (611); bridges (631); above-ground mines, strip mines (636); non-confined culverts (6676)

#### **6120 Mines, caves, tunnels, unspecified**

#### **6121 Underground mines, mine tunnels**

#### **6122 Sewers, manholes, storm drains**

#### **6123 Subway and train tunnels**

#### **6124 Underground pedestrian walkways**

#### **6129 Mines, caves, tunnels, n.e.c.**

### **613 Wells, cisterns**

### **614 Pipeline interiors**

### **615 Manure pits**

### **616 Spray, paint booths**

### **617\* Tank, bin, vat interiors**

*Excludes:* tanks and hoppers on vehicles (618\*)

### **6170 Tank, bin, vat interiors, unspecified**

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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- 6171 Silo, grain bin interiors**
- 6172 Grain elevator interiors**
- 6173 Septic tank or water tank interiors**
- 6174 Trash bin or dumpster interiors**
- 6175 Trough interiors**
- 6176 Oil storage tank interiors**
- 6177 Hopper interiors**
- 6179 Tank, bin, vat interiors, n.e.c.**

*Includes:* Boiler interior (confined space)

### **618\* Confined spaces on vehicles**

- 6180 Confined spaces on vehicles, unspecified**
- 6181 Confined spaces on ships, water vessels**
- 6182 Tanker truck interiors**
- 6189 Confined spaces on vehicles, n.e.c.**

### **619\* Other confined spaces**

- 6191 Crawl spaces**
- 6199 Confined spaces, n.e.c.**

### **62\* Buildings—office, plant, residential**

This source group classifies office, plant, and residential buildings including factories, warehouses, sheds, barns, boat houses, apartments, skyscrapers, gas stations, schools, theaters, auditoriums, etc. Sports facilities are classified in 632, Grandstands, stadia. These codes are to be used for structure collapses (both caught in or fall resulting from), fires and explosions, and transportation collisions involving structures. Generally falls and jumps from buildings would be coded according to the structural element the worker fell or jumped from (roof, balcony, structural steel, elevator shaft). Exceptions are offshore oil platforms, silos, and grain bins. Areas within these structures that conform to the definition of a confined space are coded in 61\*.

### **620 Building, unspecified**

### **621\* Industrial buildings**

- 6210 Industrial building, unspecified**
- 6211 Warehouse**
- 6212 Factory, manufacturing plant**
- 6213 Offshore oil platform**
- 6219 Industrial building, n.e.c.**

### **622\* Agricultural buildings**

\*-Asterisks denote a summary level code not assigned to individual cases.



## SOURCE

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**6220 Agricultural building, unspecified**

**6221 Barn**

**6222 Silo exterior**

*Excludes:* interior of silo (6171)

**6223 Grain bin exterior**

*Excludes:* interior of grain bin (6171)

**6229 Agricultural building, n.e.c.**

**623\* Commercial and retail buildings**

**6230 Commercial or retail building, unspecified**

**6231 Restaurant, bar**

**6232 Retail establishment, store, mall**

**6233 Hotel, motel, lodging establishment**

**6239 Commercial or retail building, n.e.c.**

**624\* Medical buildings, except institutional residential**

*Includes:* medical office buildings, doctor's and dentist offices in nonmedical facilities

**6240 Medical building, except institutional residential, unspecified**

**6241 Hospital**

**6242 Clinic or doctor's office**

**6243 Laboratory**

**6249 Medical building, except institutional residential, n.e.c.**

**625\* Residential buildings, except institutional**

Apartment buildings that are six or more stories or 75 or more feet high should be coded as 6252, high-rise apartment building, condominium. Apartment buildings that are five or fewer stories and less than 75 feet or whose height is unknown are coded as 6253, low or mid-rise apartment building, condominium.

**6250 Residential building, except institutional, unspecified**

**6251 House, townhouse, rowhouse**

**6252 High-rise apartment building, condominium**

**6253 Low or mid-rise apartment building, condominium**

*Includes:* garden style apartment building of unknown height

\*-Asterisks denote a summary level code not assigned to individual cases.

**6254 Mobile or prefabricated home**

*Includes:* trailer home

*Excludes:* recreational vehicles—RVs (8417)

**6259 Residential building, except institutional, n.e.c.**

**626\* Other public and office buildings**

Buildings that are six or more stories or 75 or more feet high should be coded as 6261. Buildings that are five or fewer stories and less than 75 feet are coded as 6262.

**6260 Other public or office building, unspecified**

*Excludes:* medical buildings (624\*)

**6261 Skyscraper, high-rise—except government**

*Excludes:* medical buildings (624\*)

**6262 Low or mid-rise office building—except government**

*Includes:* private school

*Excludes:* medical buildings (624\*)

**6263 Government building, post office**

*Includes:* public school, court house, municipal office building

*Excludes:* prisons, jails (628); hospitals (624)

**6269 Public or office building, n.e.c.**

**627 Institutionalized residential building, except jails**

**628 Prisons, jails**

**629 Building, n.e.c.**

**63\* Structures other than buildings**

This major group classifies any type of constructed structures (e.g., buildings, stadia, tunnels, pools, scaffolding, towers), including structures over land and water such as dams and bridges. Specific structural surfaces (floors, stairs) and elements (window, door, roof) which produce an injury are classified in major

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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groups 66 (Floors, walkways, ground surfaces) and 65 (Other structural elements).

*Includes:* bridges, dams, locks; grandstands, stadia; pools; scaffolds, staging; towers, poles; guardrails, road dividers; hydrants; road signs; railroad tracks; porches, balconies, patios

*Excludes:* floors, walkways, and ground surfaces (66\*); structural elements including doors, roofs, walls, windows, etc. (65\*); silos interiors (6171); silo exterior (6222); office, plant, and residential buildings (62\*); wells (613); confined spaces (61\*)

### **630 Structures other than buildings, unspecified**

#### **631 Bridges, dams, locks**

This code classifies all types of structural bridges, dams, and locks.

*Includes:* foot and swinging bridges over land or water; bridges and overpass abutments

#### **632 Grandstands, stadia**

This code classifies all grandstands, sports arenas, and stadia, including covered or enclosed facilities.

*Includes:* bleachers

*Excludes:* scaffolds and staging (634\*); buildings (62\*); athletic fields (663\*)

#### **633 Pools**

This code classifies above and below ground swimming pools and man-made ponds.

#### **634\* Scaffolds, staging**

This source group classifies all types of scaffolds and staging used inside or outside buildings, stadiums, or amphitheaters.

*Includes:* improvised staging; self-supporting staging; staging supported by structure or other means; catwalks; suspended staging

*Excludes:* aerial lifts and scissor lifts (3467); forklifts (8621)

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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- 6340 Scaffolds—staging, unspecified**
- 6341 Scaffolds—improvised staging**
  
- 6342 Scaffolds—self-supporting staging**
  - Wood trestle staging* *Extension trestle staging*
  - Pole scaffolds* *Pole metal scaffolds*
  - Ladder jack scaffolds* *Pump jack scaffolds*
  - Frame scaffolds* *Tube and coupler scaffolds*
  - Mobile scaffolds*
  
- 6343 Scaffolds—staging supported by structure or other means**
  - Horse scaffolds*
  - Saw horse supported work platform*
  
- 6344 Scaffolds—suspended staging**
  - Boatswain's chair*
  - Catenary suspended scaffolds*
  - Suspension scaffolds*
  - Painters' suspended scaffolds*
  - Single-point adjustable scaffolds*
  - Double-point adjustable scaffolds*
  - Multiple-point adjustable scaffolds*
  - Needle beam scaffolds*
  - Interior hung suspended scaffolds*
  - Float ship suspended scaffolds*
  - Multi-level suspended scaffolds*
  
- 6345 Machine platforms**
- 6346 Catwalks**
- 6349 Scaffolds—staging, n.e.c.**
  
- 635\* Towers, poles**

This source group classifies all types of poles, towers, and telecommunication antennae.

  - 6350 Towers, poles, unspecified**
  - 6351 Telecommunications and cell phone towers**
  
  - 6352 Utility and telephone poles**
    - Excludes:* power lines (4415); telecommunications towers (6351)
  
  - 6353 Lamp posts, street lights**
  - 6354 Windmills, wind turbines**

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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### **6359 Towers, poles, n.e.c.**

*Includes:* fire and ranger towers; satellite dishes

*Excludes:* floor surfaces (66\*); power and telephone lines (4415); offshore oil platforms (6213); oil rigs and derricks (3244); other derricks (354)

### **636 Excavations, strip mines, and quarries (except confined space)**

### **639\* Other structures**

This source group classifies other structures not previously classified.

*Includes:* guardrails, road dividers; fire, water hydrants; posts, bollards; road signs; porches, balconies, decks, patios; strip mines; railroad tracks; mailboxes

*Excludes:* wells (613); confined spaces (61\*)

#### **6390 Other structures, unspecified**

#### **6391 Guardrails, road dividers**

#### **6392 Posts, bollards, moorings**

#### **6393 Hydrants**

#### **6394 Road signs**

#### **6395 Porches, balconies, decks, patios**

#### **6396 Railroad tracks**

#### **6397 Mailboxes**

#### **6399 Structures, n.e.c.**

*Concrete planters*

*Decorative fountains*

### **64\* Building systems**

This major group classifies the mechanical systems in a building, including the climate control and plumbing systems. This category will primarily be used as a secondary source to classify building system complications which produce injuries or illnesses. For example, illnesses produced by foreign particles in the air may be the result of a poor ventilation (climate control) system; illnesses produced by contaminated drinking water may be the result of a poor plumbing system.

*Includes:* climate control systems; plumbing systems; security systems

*Excludes:* light fixtures (224\*); plumbing fixtures (225\*) electric parts (441\*)

#### **640 Building systems, unspecified**

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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**641 Climate control systems**

**642 Plumbing systems**

**643 Electrical systems**

**644 Security systems**

**649 Building systems, n.e.c.**

**65\* Other structural elements**

This group classifies the separate structural elements that are parts of buildings and other structures. Structural elements should be listed as the source of an injury regardless of whether they are independent or part of a building.

*Includes:* doors and door frames; fences, fence panels; gates; roofs; roof trusses; skylights; ceilings, walls; windows; elevator shafts

*Excludes:* unattached building materials (41\*); unattached bricks, blocks, structural stone (411\*); unattached structural metals (413\*); ladders (74\*); cupboard or cabinet doors (2212); railroad tracks (6396); floors (662\*); stairs and escalators (661\*) ramps; loading docks (6692)

**650 Other structural elements, unspecified**

**651\* Entrances and exits**

Codes 6511 and 6512 include both the door itself and the door frame. These codes are used regardless of whether they are powered or not. Vehicle doors are coded in 485\*.

**6510 Entrances and exits, unspecified**

**6511 Doors, except garage and vehicle**

*Includes:* door frames, except garage and vehicle

*Excludes:* garage doors and door frames (6512); vehicle doors (485\*)

**6512 Garage doors**

*Includes:* garage door frames

**6519 Entrances and exits, n.e.c.**

**652\* Fences, fence panels, gates**

**6520 Fences, fence panels, gates, unspecified**

**6521 Chain-link fences, panels**

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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- 6522 Barbed-wire fences
- 6523 Wooden fences, panels
- 6524 Gates
- 6529 Fences, fence panels, gates, n.e.c.
  
- 653 Windows, openings
  
- 654\* Roofs
  - 6540 Roofs, unspecified
  - 6541 Skylights
  - 6542 Existing roof openings, other than skylights
  - 6543 Roof surfaces other than roof edge
  - 6544 Roof edges
  - 6549 Roofs, n.e.c.
  
- 655\* Trusses, girders, beams—structurally attached
  - 6550 Trusses, girders, beams—structurally attached, unspecified
  - 6551 Girders, beams, structural steel
  - 6552 Roof trusses, joists
  
- 656\* Ceilings, walls
  - 6560 Ceilings, walls, unspecified
  - 6561 Ceilings
  - 6562 Walls
  - 6569 Ceilings, walls, n.e.c.
  
- 657 Handrails, banisters
  - Excludes:* railroad tracks (6396)
  
- 658 Elevator shafts
  
- 659 Structural elements, n.e.c.
  - Prefabricated building materials*
  
- 66\* Floors, walkways, ground surfaces

This major group classifies walking, working, floor, and road surfaces. These surfaces can be temporary or permanent, indoors or outdoors, above or below ground, etc. If the surface identified as the source of an injury is the **general floor surface** in a building or on the ground, **regardless of whether it is a permanent element** of a building, then the appropriate surface in this major group should be selected as the source.

*Includes:* escalators; floors; ground; sidewalks, paths, outdoor walkways; stairs, steps; streets, roads, driveways; ditches, channels, trenches,

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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excavations; piers, wharfs; ramps, runways, loading docks; moving walkways; parking lots; curbs, berms, culverts, nonconfined ditches, embankments; airport runways

### **660 Floors, walkways, ground surfaces, unspecified**

#### **661\* Stairs, steps, escalators**

This source group classifies any stairs or steps inside or outside (except ladders 74\*), when used as a surface on which a person is supported. This group also classifies escalators mainly used as mechanical steps for the transportation of people from one level to another.

*Includes:* indoor stairs, steps; outdoor stairs, steps; uncompleted stairs, such as stringers and risers; escalators

*Excludes:* ladders (74\*), moving walkways (6693), step stools (7422)

#### **6610 Stairs, steps, unspecified**

#### **6611 Stairs, steps—indoors**

#### **6612 Stairs, steps—outdoors**

#### **6613 Escalators**

#### **662\* Floors**

This source group includes the floor surface of any structure, vehicle, or machine, and excludes outdoor ground surfaces (663\*), below ground surfaces (611, 612\*), piers, wharfs (6691), ramps, runways, loading docks (6692), moving walkways (6693) and roofs (654\*). Vehicle floors should not be coded as the source for transportation incidents.

Note that roofs, even when used as working surfaces, are classified in source group 654 (Roof).

*Includes:* building floor (including basement) surfaces; elevator floor surfaces; mine floor surfaces; scaffold, staging, or temporary work platforms, floor surfaces; vehicle floor surfaces

*Excludes:* outdoor ground surfaces (663\*); below ground surfaces such as ditches and trenches (611); piers, wharfs (6691); ramps, runways, loading docks (6692); moving walkways (6693); roofs (654\*); stairs, steps, escalators (661\*)

#### **6620 Floor, unspecified**

#### **6621 Existing floor opening**

\*-Asterisks denote a summary level code not assigned to individual cases.



## SOURCE

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### **6622 Floor irregularity**

*Includes:* depression, bump, hole

*Excludes:* grates and drains in floor surface (6694), object or substance on floor causing slipping or tripping hazard

### **6629 Floor, n.e.c.**

*Drilling rig floor*

*Floors without openings, or irregularities*

### **663\* Ground**

This source group classifies any natural surface in the outdoors on which an employee is supported other than sidewalks, paths, and walkways.

*Includes:* outdoor ground surfaces; athletic fields

*Excludes:* other dirt, earth (554); sidewalks, paths, walkways, trails (664\*); streets, roads, driveways (665\*); ditches, channels, trenches, excavations—confined space (611); parking lots (666\*); berms, embankments, culverts, nonconfined ditches (667\*); indoor surface

### **6630 Ground, unspecified**

### **6631 Ground irregularity**

*Includes:* depression, bump, hole

### **6639 Ground, n.e.c.**

### **664\* Sidewalks, paths, outdoor walkways**

This source group consists of any outdoor sidewalk, path, or walkway when used as a surface on which a person is supported.

*Includes:* sidewalks, paths, outdoor walkways, jogging trails, bicycle paths, hiking trails

*Excludes:* ground (663\*); streets, roads, driveways (665\*); parking lots (666\*); indoor surfaces

### **6640 Sidewalks, paths, outdoor walkways, unspecified**

### **6641 Sidewalk, path, or outdoor walkway irregularity**

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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*Includes:* depression, bump, hole

*Excludes:* curbs (6671), objects or substances causing slipping or tripping hazards

**6642 Sidewalk, path, outdoor walkway—paved**

**6643 Sidewalk, path, outdoor walkway—unpaved**

**665\* Streets, roads, driveways**

This group includes any part of a public or private street or road that is used as a surface that supports people or vehicles.

*Includes:* public and private streets; roads; driveways

*Excludes:* athletic fields (663\*); parking lots (666\*); sidewalks (6641)

**6650 Street, road, driveway, unspecified**

**6651 Street, road, or driveway irregularity**

*Includes:* depression, bump, or pothole in street, road, or driveway

*Excludes:* curbs, traffic calming bumps, embankments (667\*)

**6652 Street, road, driveway—paved**

**6653 Street, road, driveway—unpaved**

**666\* Parking lots**

This source group classifies parking lot surfaces of any composition including gravel, dirt, concrete, etc.

*Includes:* parking lot surfaces; parking garage surfaces

*Excludes:* streets, roads, driveways (665\*)

**6660 Parking lot, unspecified**

**6661 Parking lot irregularity**

**6662 Parking lot—paved**

**6663 Parking lot—unpaved**

**667\* Curbs, traffic calming bumps, embankments**

**6670 Curbs, traffic calming bumps, embankments, unspecified**

**6671 Curbs**

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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- 6672 Speed bumps, speed humps**
- 6673 Concrete parking blocks and barriers**
- 6674 Berms**

- 6675 Embankments**

*Includes:* snow, dirt, gravel

- 6676 Culverts, nonconfined ditches**

*Excludes:* ditches, channels, trenches, excavations—confined (611)

- 6679 Curbs, traffic calming bumps, embankments, n.e.c.**

- 669\* Other floors, walkways, ground surfaces**

This source group classifies other common surfaces including piers and wharfs; ramps, runways, and loading docks; and moving walkways.

*Includes:* piers, wharfs; ramps, loading docks, dock plates; moving walkways; grates and drains in floor surface; airport runways

*Excludes:* floors (662\*); ground (663\*); sidewalks, paths, outdoor walkways (664\*); stairs, steps (661\*); streets, roads, driveways (665\*); below ground surfaces (611, 612\*); parking lots (666\*)

- 6690 Other floors, walkways, ground surfaces, unspecified**

- 6691 Piers, wharfs**

- 6692 Ramps, loading docks, dock plates**

- 6693 Moving walkways**

- 6694 Grates and drains in floor surface**

- 6695 Airport runways**

- 6699 Floors, walkways, ground surfaces, n.e.c.**

- 67\* Geographical structures**

This category includes naturally-occurring geographic elements. Man-made structures that consist mainly of earth or water, such as man-made lakes, are also included in this category. Swimming pools and man-made ponds, such as farm and garden ponds, are coded in 633 Pools.

- 670 Geographical structures, unspecified**

- 671\* Raised natural structures, hills, mountains**

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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- 6710 Raised natural structures, hills, mountains, unspecified
- 6711 Hills
- 6712 Mountains
- 6719 Raised natural structures, hills, mountains, n.e.c.
  
- 672\* Recessed natural structures, valleys
  - 6720 Recessed natural structures, valleys, unspecified
  - 6721 Valley
  - 6722 Gorge, crevice
  - 6729 Recessed natural structures, valleys n.e.c.
  
- 673\* Water bodies—natural
  - 6730 Water bodies—natural, unspecified
  - 6731 Natural ponds
  - 6732 Lakes
  - 6733 Rivers, streams
  - 6734 Oceans
  - 6739 Water bodies—natural, n.e.c.
  
- 679 Geographical structures, n.e.c.
  
- 69 Structures and surfaces, n.e.c.

This major group classifies structures and surfaces not elsewhere classified.

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\*-Asterisks denote a summary level code not assigned to individual cases.

**7\* TOOLS, INSTRUMENTS, AND EQUIPMENT**

This division classifies handtools (nonpowered, powered, power not determined), ladders (fixed, movable), equipment (photographic, protective, recreation, athletic), and instruments (medical, surgical). Other tools and instruments such as clocks, eating and cooking utensils, firearms, other health care and orthopedic equipment, musical instruments, sewing notions, wheelchairs, and writing supplies are also included in this division.

If a part that produces an injury is **attached** to a tool (e.g., a saw blade or drill bit) then the entire tool should be listed as the source, unless the injury was inflicted by the electrical cord.

If a part is known to be **unattached and independent** of a tool—or if it is probable that a tool is not involved in the injury—then that specific part should be listed as the source. Unattached drill bits and saw blades are classified in source group 443 (Tool parts, accessories).

Certain handtools are manufactured in both powered and nonpowered varieties. If it cannot be determined whether a handtool is powered or nonpowered, it should be classified in major group 73 (Handtools—power not determined).

*Includes:* nonpowered handtools; powered handtools; handtools—power not determined; ladders; medical and surgical instruments and equipment; photographic equipment; protective equipment (except clothing); recreation and athletic equipment; clocks; cooking and eating utensils (except knives); firearms and other weapons; musical instruments; sewing notions, n.e.c.; writing, drawing, and art supplies

*Excludes:* containers (2\*); furniture and fixtures (2\*); tool chests (2212); machinery (3\*); mechanical jacks (347); parts and materials (4\*); hoisting accessories (43\*); machine, tool, and electric parts (44\*); tool parts and accessories (443\*); tarps (472)

**70 Tools, instruments, and equipment, unspecified**

**71\* Handtools—nonpowered**

This major group classifies all nonpowered handtools which are handheld and operated. Handtools in this major group are not powered by electricity, fuel (gasoline, coal), air, steam, water, or gunpowder. Nonpowered handtools are classified according to their common functions at the source group level (e.g., boring, cutting, digging, gripping, etc.). Unattached drill bits and saw blades are classified in source group 443 (Tool parts, accessories). Certain handtools are manufactured in both powered and nonpowered varieties. If it cannot be

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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determined whether a handtool is powered or nonpowered, it should be classified in major group 73 (Handtools—power not determined).

*Includes:* handtools; cutting handtools; digging handtools; gripping handtools; measuring handtools; striking and nailing handtools; surfacing handtools; turning handtools; cleaning handtools; crowbars; pitchforks; rakes; stapling tools

*Excludes:* workbenches, worktables (2232); hoisting accessories (43\*); metal fasteners such as nails, screws, nuts, and bolts (421); unattached drill bits and saw blades (443\*); powered handtools (72\*); handtools—power undetermined (73\*); carts and wheelbarrows (87\*)

### **710 Handtools—nonpowered, unspecified**

#### **711\* Boring handtools—nonpowered**

This source group classifies nonpowered handtools which are commonly used to make holes using an attached revolving bit.

*Includes:* augers; braces; drills

*Excludes:* unattached drill bits (4431); boring and drilling machinery (352); upright drill presses (3521); powered boring handtools (721)

#### **7110 Boring handtools—nonpowered, unspecified**

##### **7111 Augers, plumbing snakes—nonpowered**

<i>Augers</i>	<i>Corkscrews</i>
<i>Bores</i>	<i>Counterbores</i>
<i>Breast augers</i>	<i>Wimbles</i>

##### **7112 Braces—nonpowered**

<i>Bit braces</i>	<i>Braces</i>
<i>Brace and bits</i>	<i>Joist braces</i>

##### **7113 Drills—nonpowered**

<i>Breast drills</i>	<i>Gimlets</i>
<i>Hand drills, nonpowered</i>	<i>Pin vises</i>
<i>Push drills</i>	<i>Reamers</i>
<i>Ratchet drills</i>	

##### **7119 Boring handtools—nonpowered, n.e.c.**

<i>Awls</i>	<i>Bradawls</i>
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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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*Bodkins (make holes in cloth)*

### **712\* Cutting handtools—nonpowered**

This source group classifies sharp-edged handtools which are commonly used to penetrate and separate objects, fabrics, etc.

*Includes:* axes, hatchets; bolt cutters; chisels; knives; saws; scissors, snips, shears

*Excludes:* sawing machinery (357\*); unattached saw blades (4432); spokeshaves, shavehooks (7162); putty knives (7166); powered cutting handtools (722\*); scalpels and surgical knives (7512); pick axes (7132)

### **7120 Cutting handtools—nonpowered, unspecified**

#### **7121 Axes, hatchets**

<i>Adzes</i>	<i>Froes</i>
<i>Axes, except pick axes</i>	<i>Grub axes</i>
<i>Bark spuds</i>	<i>Halberds</i>
<i>Battle axes</i>	<i>Hatchets</i>
<i>Broad axes</i>	<i>Poleaxes</i>
<i>Broad hatchets</i>	<i>Tomahawks</i>
<i>Celts, stone axe</i>	

#### **7122 Bolt cutters—nonpowered**

<i>Bolt cutters</i>	<i>Pliers—cutting</i>
<i>Chain cutters</i>	<i>Wire cutters</i>
<i>Lock cutters</i>	

#### **7123 Chisels—nonpowered**

<i>Bench chisels</i>	<i>Mortise chisels</i>
<i>Cold chisels</i>	<i>Paring chisels</i>
<i>Construction chisels</i>	<i>Socket chisels</i>
<i>Corner chisels</i>	<i>Steel chisels</i>
<i>Deep-mortise chisels</i>	<i>Wood chisels</i>
<i>Dog leg chisels</i>	<i>Socket slicks</i>
<i>Dovetail chisels</i>	<i>Slicks</i>

#### **7124 Box cutters and razor knives**

<i>Razor blades</i>	<i>Drywall knives</i>
<i>Utility knives</i>	

#### **7125 Knives, unspecified or n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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*Includes:* bayonets, mat cutters, palette knives, bushwhackers, pocket knives, butcher knives, potato peelers, carving knives, pushknives, cleavers, scrapers (used with lathes), daggers, scythes, detail knives, shaping knives, dowel makers (used with lathes), shavers, sickles, drawknives, spears, steak knives, gouges, stilettos, groovers, switchblades, hacks, swords, hunting knives, table knives, inshavers, whittling knives, knife blades, veiners, lances, woodcarving knives, linoleum knives, woodturning tools (used with lathes), machetes, marking knives, unspecified knives

*Excludes:* putty knives (7166), box cutters and razor knives (7124), drywall knives (7124), utility knives (7124), surgical knives (7512)

### **7126 Saws—nonpowered**

<i>Backsaws</i>	<i>Hand saws</i>
<i>Bow saws</i>	<i>Ryoba saws</i>
<i>Coping saws</i>	<i>Scroll saws</i>
<i>Cross-cut saws</i>	<i>Turning saws</i>
<i>Dozuki saws</i>	<i>Veneer saws</i>
<i>Fret saws</i>	<i>Hack saws</i>

### **7127 Scissors, snips, shears—nonpowered**

<i>Grass clippers</i>	<i>Hedge clipper shears</i>
<i>Hand scissors</i>	<i>Pruning shears</i>
<i>Barber's scissors</i>	<i>Tin snips</i>
<i>School scissors</i>	<i>Hedge trimmers</i>
<i>Tailor's scissors</i>	

### **7129 Cutting handtools—nonpowered, n.e.c.**

<i>Can openers</i>	<i>Hand-operated paper cutters</i>
<i>Chasers (cut screw threads)</i>	<i>Paper-hole punchers</i>
<i>Glass cutters</i>	<i>Wedges</i>
<i>Letter openers</i>	
<i>Nail clippers</i>	

### **713\* Digging handtools—nonpowered**

This source group classifies nonpowered handtools which are commonly used for turning up, loosening, or removing earth.

*Includes:* hoes; picks; shovels; trowels; post hole diggers

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\*-Asterisks denote a summary level code not assigned to individual cases.



## SOURCE

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*Excludes:* excavating machinery (321); pitchforks (7193); rakes (7194)

### **7130 Digging handtools—nonpowered, unspecified**

#### **7131 Hoes**

<i>Garden hoes</i>	<i>Masons hoes</i>
<i>Grub hoes</i>	<i>Scuffle hoes</i>
<i>Lawn edgers—nonpowered</i>	<i>Sod cutters</i>

#### **7132 Picks**

*Axe picks*  
*Ice picks*  
*Mattocks (combination adze and axe)*

#### **7133 Shovels**

<i>Snow shovels</i>	<i>Spades</i>
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#### **7134 Trowels**

<i>Hand scoops</i>	<i>Garden trowels</i>
<i>Spuds (combination trowel and chisel)</i>	

#### **7139 Digging handtools—nonpowered, n.e.c.**

*Dibbles (make seed holes in garden)*  
*Post hole diggers*

### **714\* Gripping handtools—nonpowered**

This source group classifies nonpowered handtools which are commonly used for clutching, squeezing, or gripping objects.

*Includes:* pliers, tongs; vises, clamps; gear pullers

*Excludes:* clamps used as fasteners (4211); hooks (bush, grass, baling, and husking), grappling irons and hooks, anchors, cant hooks (432); peavies (7199); medical implements (759)

### **7140 Gripping handtools—nonpowered, unspecified**

#### **7141 Pliers, tongs**

<i>Forceps—excluding medical</i>	<i>Tweezers</i>
<i>Nippers</i>	<i>Ice tongs</i>
<i>Pincers</i>	<i>Oyster tongs</i>
<i>Pliers</i>	<i>Visé grips</i>

#### **7142 Vises, clamps**

<i>Bench dogs</i>	<i>Spreaders clamps</i>
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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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<i>Bench screws</i>	<i>Spring clamps</i>
<i>Band clamps</i>	<i>Toggle clamps</i>
<i>Bar clamps</i>	<i>Handscrews</i>
<i>Cam clamps</i>	<i>Bench vises</i>
<i>Edging clamps</i>	<i>Front vises</i>
<i>Hand clamps</i>	<i>Miter vises</i>
<i>Pipe clamps</i>	

### **7149 Gripping handtools—nonpowered, n.e.c.**

<i>Nutcrackers</i>	<i>Wheel, gear, bearing pullers</i>
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### **715\* Striking and nailing handtools—nonpowered**

This source group classifies nonpowered handtools which are commonly used for delivering blows or strokes, or for nailing.

*Includes:* hammers; mallets; punches, counterpunches, countersinks; sledges

*Excludes:* nonpowered staplers (7195); powered striking and nailing handtools (723\*); powered nail guns (7235)

### **7150 Striking and nailing handtools—nonpowered, unspecified**

#### **7151 Hammers, except sledge—nonpowered**

<i>Ball-peen hammers</i>	<i>Meat hammers</i>
<i>Cabinetmaker hammers</i>	<i>Tack hammers</i>
<i>Claw hammers</i>	<i>Mauls</i>
<i>Framer hammers</i>	

#### **7152 Mallets**

<i>Gavels</i>	<i>Printer's mallets</i>
<i>Beechwood mallets</i>	<i>Rawhide mallets</i>
<i>Carver's mallets</i>	<i>Rubber mallets</i>
<i>Cocobolo mallets</i>	

#### **7153 Punches, counterpunches, countersinks—nonpowered**

<i>Counterpunches</i>	<i>Belt punches</i>
<i>Countersinks</i>	<i>Center punches</i>
<i>Punches</i>	

#### **7154 Sledges, sledgehammers**

#### **7155 Toe kickers, knee kickers**

*Carpet kickers*

\*-Asterisks denote a summary level code not assigned to individual cases.

**7159 Striking and nailing handtools—nonpowered, n.e.c.**

*Includes:* beetles, staffs, staves, tampers, hand-threshing flails

*Excludes:* law enforcement batons, night sticks, clubs (7831)

**716\* Surfacing handtools—nonpowered**

This source group classifies nonpowered handtools which are commonly used to plane, shape, or make smooth surfaces.

*Includes:* files (surfacing handtools); planes; sanders; sharpening stones and wheels; cement trowels

*Excludes:* planing machinery (352\*); grinding, polishing machinery (354\*); drawknives, gouges and groovers (woodcarving chisels), inshavers, veiners, and pushknives (7125)

**7160 Surfacing handtools—nonpowered, unspecified**

**7161 Files—surfacing handtool**

*Emery boards*

*Bastard files*

*Cabinet files*

*Detail files*

*Diamond files*

*Nail files*

*Needle files*

*Round files*

*Wood files*

*Cabinet rasps*

*Keyway rasps*

*Needle rasps*

*Round rasps*

*Sculptor's rasps*

*Rifflers*

**7162 Planes—surfacing handtool**

*Cornering tools*

*Bench planes*

*Block planes*

*Bullnose planes*

*Butt mortise planes*

*Combination planes*

*Compass planes*

*Fore planes*

*Hollowing planes*

*Jack planes*

*Jointer planes*

*Rabbet planes*

*Router planes*

*Scraping planes*

*Scrub planes*

*Smoothing planes*

*Trimming planes*

*Cabinet scrapers*

*Shavehooks*

*Spokeshaves*

**7163 Sanders—nonpowered**

*Abrasive pads*

*Hand sanders*

*Sanding grips*

*Sanding sticks*

*Sandpaper*

\*-Asterisks denote a summary level code not assigned to individual cases.

**7164 Sharpening stones and wheels—nonpowered**

<i>Corundum stone</i>	<i>Pumice stone</i>
<i>Emery wheels</i>	<i>Slipstones</i>
<i>Honing stones</i>	<i>Water stones</i>
<i>Multi-stones</i>	<i>Whetstone</i>
<i>Oilstone</i>	

**7165 Scrapers—nonpowered**

*Includes:* paint scrapers

**7166 Putty knives**

**7169 Surfacing handtools—nonpowered, n.e.c.**

*Includes:* bench strops, scouring pads, sharpening straps

*Excludes:* putty knives (7166)

**717\* Turning handtools—nonpowered**

This source group classifies nonpowered handtools which are commonly used to revolve or rotate screws, nuts, bolts, and pipes. Included here are screwdrivers, ratchet drivers, and wrenches.

*Includes:* screwdrivers; ratchet drivers; wrenches

*Excludes:* lathes (355\*); powered turning handtools (725\*)

**7170 Turning handtools—nonpowered, unspecified**

**7171 Screwdrivers—nonpowered**

*Includes:* Phillips head screwdriver, straight tip screwdriver

*Excludes:* ratchet drivers (7172)

**7172 Ratchet drivers—nonpowered**

*Ratchet drivers*

**7173 Wrenches—nonpowered**

<i>Spanners</i>	<i>Open-end wrenches</i>
<i>Adjustable wrenches</i>	<i>Pipe wrenches</i>
<i>Allen wrenches</i>	<i>Socket wrenches</i>
<i>Box wrenches</i>	<i>Spark-plug wrenches</i>
<i>Monkey wrenches</i>	<i>Tuning wrenches</i>

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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### **7179 Turning handtools—nonpowered, n.e.c.**

### **719\* Other handtools—nonpowered**

This source group classifies other nonpowered handtools not previously classified.

*Includes:* brooms, mops, and other cleaning tools; crowbars; pitchforks, spading forks; rakes; nonpowered stapling tools

*Excludes:* workbenches, worktables (2232); hoisting accessories (43\*); metal fasteners such as nails, screws, nuts, and bolts (421\*); unattached drill bits and saw blades (443\*); powered handtools (72\*); handtools—power undetermined (73\*); carts and wheelbarrows (87\*)

### **7190 Other handtools—nonpowered, unspecified**

#### **7191 Brooms, mops, and other cleaning tools**

<i>Hand brooms</i>	<i>Leaf skimmers</i>
<i>Push brooms</i>	<i>Mops</i>
<i>Straw brooms</i>	<i>Rags</i>
<i>Cleaning brushes</i>	<i>Ram rods (cleaning rods)</i>
<i>Steel brushes</i>	<i>Sponges</i>
<i>Feather dusters</i>	<i>Plungers</i>

#### **7192 Crowbars**

<i>Nail pullers</i>	<i>Prying bars</i>
<i>Pinch bars (large crowbars)</i>	<i>Wrecking bars</i>

#### **7193 Pitchforks, spading forks**

<i>Garden forks</i>	<i>Manure forks</i>
<i>Hay forks</i>	

#### **7194 Rakes**

<i>Garden rakes</i>	<i>Swimming pool rakes</i>
<i>Leaf rakes</i>	

#### **7195 Stapling tools—nonpowered**

<i>Staplers—nonpowered</i>	<i>Staple guns—nonpowered</i>
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#### **7196 Tape guns**

#### **7199 Handtools—nonpowered, n.e.c.**

<i>Caulking guns</i>	<i>Paint brushes</i>
<i>Grease guns</i>	<i>Paint sticks</i>

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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*Hawks (mortar holders)*

*Jigs*

*Keys*

*Miter boxes*

*Padlocks*

*Log handling peavies*

*Paint rollers*

*Safety guides*

*Staple removers*

*Hand-held and push fertilizer  
spreaders*

### 72\* **Handtools—powered**

This major group classifies all of the tools which are hand-held and require a source of energy to operate (i.e., electricity, gasoline, diesel, coal, air, steam, water, or gunpowder).

Powered handtools are grouped according to their common functions. If a drill bit, saw blade, or other tool part that produces an injury is **attached** to a handtool then the entire handtool should be listed as the source, unless the injury was inflicted by an electrical cord. Unattached drill bits and saw blades are classified in source group 443 (Tool parts, accessories). If a part is known to be **unattached and independent** of a handtool—or if it is probable that a handtool is not involved in the injury—then that specific part should be listed as the source. Handtool parts are classified in source group 443 (Tool parts, accessories). Certain handtools are manufactured in both powered and nonpowered varieties. If it cannot be determined whether a handtool is powered or nonpowered, it should be classified in major group 73 (Handtools—power not determined).

*Includes:* boring handtools; cutting handtools; striking and nailing handtools; surfacing handtools; turning handtools; welding and heating handtools; nail guns; powered scrubbers; handheld paint sprayers; electric or pneumatic stapling tools

*Excludes:* machinery (3\*); agricultural and garden machinery (31\*); power lawn mowers (3121); hair and hand dryers (3335); vacuum cleaners (3336); hydraulic, pneumatic jacks (347); metalworking machinery, woodworking machinery (35\*); stationary drills (3521); stationary saws (357\*); unattached drill bits, saw blades (443\*); nonpowered handtools (71\*)

### 720 **Handtools—powered, unspecified**

#### 721\* **Boring handtools—powered**

This source group classifies powered hand-held boring tools such as portable electric drills, compressed-air drills, braces, and augers. Unattached drill bits are classified in 4431 (Drill bits—unattached).

*Includes:* powered hand augers, braces, and drills

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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*Excludes:* drilling machines and augers used in construction and mining (3241); boring, drilling, and milling machines used in manufacturing (352\*); unattached drill bits (4431); auger conveyors (3427)

**7210 Boring handtools—powered, unspecified**

**7211 Augers, plumbing snakes—powered**

**7212 Braces—powered**

**7213 Drills—powered**

*Powered countersinks*

*Cordless drills*

*Hand drills*

*Pneumatic drills*

*Variable speed drills*

**7214 Routers and molders—powered**

**7219 Boring handtools—powered, n.e.c**

**722\* Cutting handtools—powered**

This source group classifies powered hand-held cutting tools such as power chisels, power knives, portable power saws, and electric cutters, shears, and razors. Unattached saw blades are classified in 4432 (Saw blades—unattached).

*Includes:* chainsaws; powered chisels; powered knives; powered saws (except chainsaws); handheld powered lawn cutters, weed trimmers

*Excludes:* stationary sawing machinery (357\*); laser cutting machinery (3592); unattached saw blades (4432)

**7220 Cutting handtools—powered, unspecified**

**7221 Chainsaws—powered**

**7222 Chisels—powered**

**7223 Knives—powered**

**7224 Saws—powered, except chainsaws**

*Circular saws*

*Jig saws*

**7225 Lawn edgers, clippers, trimmers—powered**

*Weed trimmers*

*Hedge clippers*

**7229 Cutting handtools—powered, n.e.c.**

*Powered shears*

*Electric razors*

\*-Asterisks denote a summary level code not assigned to individual cases.

**723\* Striking and nailing handtools—powered**

This source group classifies powered handtools which are commonly used for delivering blows or strokes, or for nailing.

*Includes:* powered hammers; jackhammers; powered punches; powered riveters; nail guns

*Excludes:* pile driving, tamping machinery—construction (3293); nonpowered striking and nailing handtools (715\*); striking and nailing handtools with undetermined power (733\*)

**7230 Striking and nailing handtools—powered, unspecified****7231 Hammers—powered**

*Air hammers*

*Electric hammers*

*Electric chipping hammers*

*Power hammers*

**7232 Jackhammers—powered**

*Pile driving hammers*

*Jackhammers*

*Steam hammers*

**7233 Punches—powered****7234 Riveters—powered**

*Electric riveting hammers*

*Pneumatic riveters*

*Electric riveters*

*Powered riveters*

**7235 Nail guns—powered**

*Air nail guns*

*Point drivers*

*Electric nail guns*

*Gunpowder activated nail guns*

**7236 Stapling tools—electric or pneumatic**

*Electric staple guns*

*Pneumatic staple guns*

*Gunpowder activated staple guns*

**7239 Striking and nailing handtools—powered, n.e.c.****724\* Surfacing handtools—powered**

This source group classifies powered hand-held surfacing tools such as buffers, grinders, and sanders. Unattached grinding wheels are classified in 7164 (Sharpening stones and wheels—nonpowered).

*Includes:* powered buffers, polishers, and waxers; powered hand grinders; powered sanders; sandblasters

\*-Asterisks denote a summary level code not assigned to individual cases.



## SOURCE

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*Excludes:* grinding and polishing machinery (354\*); nonpowered surfacing handtools (716\*); unattached grinding wheels (7164)

**7240 Surfacing handtools—powered, unspecified**

**7241 Buffers, polishers, waxers—powered**

*Hand buffing machines*                      *Powered polishers*  
*Floor buffers*                                      *Polishing heads*

**7242 Hand grinders—powered**

*Bench grinders*                                      *Waterstone grinders*  
*Electric grinders*                                      *Wet stone grinders*  
*Pneumatic grinders*                                      *Wet/dry grinders*  
*Snagging grinders*

**7243 Sanders—powered**

*Sand belts*    *Disc sanders*  
*Belt sanders*    *Finishing sanders*

**7244 Sandblasters—powered**

**7249 Surfacing handtools—powered, n.e.c.**

*Rotary rasps*

**725\* Turning handtools—powered**

This source group classifies powered hand-held turning tools which are commonly used to revolve or rotate screws, nuts, bolts, and pipes. All types of powered hand-held screwdrivers and wrenches are included here.

*Includes:* powered bolt setters; powered impact wrenches; powered screwdrivers; air-powered bolt setters

*Excludes:* lathes, turning machines (355\*)

**7250 Turning handtools—powered, unspecified**

**7251 Bolt setters—powered**

*Air-powered bolt setters*

**7252 Impact wrenches—powered**

*Air wrenches*    *Impact wrenches*

**7253 Screwdrivers—powered**

**7254 Tongs—powered**

**7259 Turning handtools—powered, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.

**726\* Welding and heating handtools—powered**

This source group classifies powered hand-held welding tools which are used to solder, weld, or burn. Included here are soldering guns, welding torches, electric burn-in knives, and woodburning pens.

*Includes:* welding, cutting, and blow torches; soldering irons; heat guns

*Excludes:* welding and soldering fumes (147); irons (3323); laser cutting machinery (3592); robotic welding machinery (3594)

**7260 Welding and heating handtools—powered, unspecified****7261 Welding, cutting, and blow torches**

*Cutting torches*

*Propane torches*

*Welding torches*

*Mapp torches*

*Welding guns*

**7262 Soldering irons—powered**

*Burning systems*

*Soldering tips*

*Electric burn-in knives*

*Soldering tiptets*

*Soldering coppers*

*Soldering irons*

*Soldering tools*

*Woodburning sets*

*Soldering guns*

*Woodburning pens*

**7263 Heat guns**

*Glue guns*

**7269 Welding and heating handtools—powered, n.e.c.****729\* Other handtools—powered**

This source group classifies powered handtools which are not elsewhere classified such as power punches, scrubbers, paint sprayers, and flashlights.

*Includes:* powered scrubbers; handheld paint sprayers; power washers; laser pointers; powered spreaders; powered push-pull rams; flashlights

*Excludes:* machinery (3\*); agricultural and garden machinery (31\*); power lawn mowers (3121); hair and hand dryers (3335); vacuum cleaners (3336); hydraulic, pneumatic jacks (347); metalworking machinery, woodworking machinery (35\*);

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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stationary drills (3521); stationary saws (357\*); painting machinery (3796); unattached drill bits, saw blades (443\*); nonpowered handtools (71\*); nail guns (7235); stapling tools (7236)

**7290 Other handtools—powered, unspecified**

**7291 Scrubbers—powered**

**7292 Sprayers, air guns—paint**  
*Paint sprayers*

**7293 Power washers**  
*Pressure washers*

**7294 Laser pointers**

**7295 Spreaders—powered**

**7296 Push-pull rams—powered**

**7299 Handtools—powered, n.e.c.**  
*Flashlights* *Plate joiners*

**73\* Handtools—power not determined**

This source group should only be used to classify those handtools which are manufactured in both powered and nonpowered varieties. If it cannot be determined whether these handtools are powered or nonpowered, they should be classified in this major group. For specific definitions of the source group categories, refer to the corresponding source groups under nonpowered (71\*) or powered (72\*) handtools.

*Includes:* boring, cutting, striking, nailing, surfacing, turning, stapling handtools, power not determined

*Excludes:* handtools determined to be nonpowered (71\*); handtools determined to be powered (72\*)

**730 Handtools—power not determined, unspecified**

**731\* Boring handtools—power not determined**

For a specific definition of this source group, refer to the corresponding source group under nonpowered (71\*) or powered (72\*) handtools.

**7310 Boring handtools—power not determined, unspecified**

\*-Asterisks denote a summary level code not assigned to individual cases.

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**7311 Augers, plumbing snakes—power not determined**

**7312 Braces—power not determined**

**7313 Drills—power not determined**

**7319 Boring handtools—power not determined, n.e.c.**

**732\* Cutting handtools—power not determined**

For a specific definition of this source group, refer to the corresponding source group under nonpowered (71\*) or powered (72\*) handtools.

**7320 Cutting handtools—power not determined, unspecified**

**7321 Chisels—power not determined**

**7322 Knives—power not determined**

**7323 Saws—power not determined**

**7329 Cutting handtools—power not determined, n.e.c.**

**733\* Striking and nailing handtools—power not determined**

For a specific definition of this source group, refer to the corresponding source group under nonpowered (71\*) or powered (72\*) handtools.

**7330 Striking and nailing handtools—power not determined, unspecified**

**7331 Hammers—power not determined**

**7332 Punches—power not determined**

**7339 Striking and nailing handtools—power not determined, n.e.c.**

**734\* Surfacing handtools—power not determined**

For a specific definition of this source group, refer to the corresponding source group under nonpowered (71\*) or powered (72\*) handtools.

**7340 Surfacing handtools—power not determined, unspecified**

**7341 Sanders—power not determined**

**7349 Surfacing handtools—power not determined, n.e.c.**

**735\* Turning handtools—power not determined**

For a specific definition of this source group, refer to the corresponding source group under nonpowered (71\*) or powered (72\*) handtools.

**7350 Turning handtools—power not determined, unspecified**

**7351 Screwdrivers—power not determined**

**7352 Wrenches—power not determined**

**7359 Turning handtools—power not determined, n.e.c.**

**736\* Measuring handtools**

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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This source group classifies—powered, nonpowered, or power not determined—which are commonly used to ascertain measurements. Divider calipers are classified in 7362.

*Includes:* calipers, micrometers; dividers; gauges; levels; plumb bobs; rulers, tape measures; squares; scales; thermometers

*Excludes:* diagnostic machinery (393); measuring cups (2142); measuring spoons (792); clocks (791); compasses and protractors (7624)

### **7360 Measuring handtools, unspecified**

#### **7361 Calipers, micrometers**

*Dial calipers*

*Vernier calipers*

*Inside calipers*

*Yankee calipers*

*Micrometer calipers*

*Micrometers*

*Outside calipers*

#### **7362 Dividers**

*Divider calipers*

*Trammel heads*

#### **7363 Gauges**

*Center finders*

*Multi gauges*

*Dovetail gauges*

*Profile gauges*

*Marking gauges*

*Scoring gauges*

#### **7364 Levels**

*Levels*

*Spirit levels*

#### **7365 Plumb bobs**

*Plumbs*

*Plumb bobs*

#### **7366 Rulers, tape measures**

*Angle finders*

*Shop rules*

*Bench rules*

*Steel rules*

*Centering rules*

*Size sticks*

*Foot rules*

*Straight edges*

*Metersticks*

*Tape lines*

*Parallel rules*

*Tape measures*

*Pocket rules*

*Triangles*

*Rulers*

*Yardsticks*

#### **7367 Squares**

*Bevels*

*Framing squares*

*Combination builders tools*

*Speed squares*

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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*Squares*  
*Combination squares*  
*Engineers squares*

*T squares*  
*Try squares*

**7368 Scales**

*Bathroom scales*

*Kitchen scales*

**7369 Measuring handtools, n.e.c.**

*Balances*  
*Pantographs*  
*Thermometers*

*Sextants*  
*Magnetic compasses*

**739\* Other handtools—power not determined**

For a specific definition of this source group, refer to the corresponding source group under nonpowered (71\*) or powered (72\*) handtools.

**7391 Staplers—power not determined**

**7399 Handtools—power not determined, n.e.c.**

**74\* Ladders**

This major group classifies fixed and movable ladders of any construction: wooden, steel, aluminum, plastic, etc. Fixed ladders are immovable, permanent fixtures. Movable ladders are portable, foldable, or extendable. Generally, the source for falls involving ladders on trucks and or fixed ladders on structures will be coded according to the type of truck or structure.

*Includes:* fixed ladders; movable ladders

*Excludes:* stairs, steps (661\*)

**740 Ladders, unspecified**

**741 Ladders—fixed**

This source group classifies fixed ladders that are immovable, permanent fixtures. Included here are ladders that are used in silos, sewers, fire escapes, and swimming pools. Generally, the source for falls involving fixed ladders attached to structures will be coded as the structure.

*Chain ladders*  
*Fire escape ladders*  
*Sewer ladders*

*Silo ladders*  
*Swimming pool ladders*

**742\* Ladders—movable**

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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This source group classifies ladders that are portable, foldable, or extendable such as step stools, step ladders, extension ladders, and fire truck ladders. Generally, the source for falls from ladders on fire trucks will be coded as the fire truck.

*Includes:* extension ladders; step ladders; straight ladders; truck-mounted ladders, aerial ladder trams

*Excludes:* fixed ladders (741)

**7420 Movable ladders, unspecified**

**7421 Extension ladders**

**7422 Step ladders**

*Folding ladders*

*Stiles*

*Step ladders*

*Step stools*

**7423 Straight ladders**

**7424 Truck mounted ladders, aerial ladder trams**

*Fire truck ladders*

*Utility truck ladders*

**7429 Movable ladders, n.e.c.**

*Ladder assemblies—combination work stands*

**749 Ladders, n.e.c.**

**75\* Medical and surgical instruments and equipment**

This major group classifies all medical, surgical, ophthalmic, and veterinary instruments. Included here are hypodermic needles and syringes; surgical knives (scalpels); medical forceps and retractors; and other medical and surgical instruments.

*Includes:* needles and syringes; scalpels, surgical knives

*Excludes:* oxygen tanks (2123); laser cutting machinery (3592); medical machinery, except x-ray (3721); x-ray machinery (3722); respirators (776); hospital beds (2236); operating tables (2231)

**750 Medical and surgical instruments and equipment, unspecified**

**751\* Medical sharps instruments**

This source group classifies all needles, syringes, and scalpels—commonly referred to as sharps—used in the medical field. Included here are suture needles for making stitches in animals and humans and

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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hypodermic needles or syringes for injecting or removing fluids from animals and humans. Sewing needles are classified in 7942.

### **7510 Medical sharps instruments, unspecified**

#### **7511 Needles, syringes**

*Hypodermic needles*

*Hypodermic syringes*

*Suture needles*

#### **7512 Scalpels**

This code classifies all surgical knives which are used in the medical field. All other nonpowered knives are classified in 7124 (Box cutters and razor knives) or 7125 (Knives, unspecified or n.e.c.).

*Surgical knives*

*Scalpels*

#### **7519 Medical sharps instruments, n.e.c.**

### **752\* Health care and orthopedic equipment**

#### **7520 Health care and orthopedic equipment, unspecified**

#### **7521 Canes, crutches, walkers**

#### **7529 Health care and orthopedic equipment, n.e.c.**

*Corsets*

*Physical therapy equipment*

*Supporters*

*Laboratory equipment, n.e.c.*

*Trusses*

*Orthopedic braces*

*Dentures*

*Prosthetic devices*

### **753\* Wheelchairs and other mobility devices**

This source group classifies nonmotorized and motorized wheelchairs as well as motorized shopping carts and mobility scooters that function similar to motorized wheelchairs. Canes, crutches and walkers are classified in 7521.

#### **7530 Wheelchairs and other mobility devices, unspecified**

#### **7531 Wheelchairs—powered**

#### **7532 Mobility scooters—powered**

*Includes:* motorized shopping carts

*Excludes:* motor scooters (8619; regular nonpowered shopping carts (875))

\*-Asterisks denote a summary level code not assigned to individual cases.



## SOURCE

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**7533 Wheelchairs—nonpowered**  
**7539 Wheelchairs and other mobility devices, n.e.c.**

**754 Latex gloves**

**755 Stretchers, backboards, wheeled cots, stair chairs**

*Includes:* steel chairs used as patient transporting devices; cots used as wheeled stretchers

*Excludes:* operating tables (2236); hospital beds (2231)

**756 Intravenous (IV) poles and machines**

**757 Patient hoists, lifting harnesses**

*Includes:* patient lift slings

*Excludes:* safety harnesses (775)

**759 Medical and surgical instruments and equipment, n.e.c.**

This code classifies medical and surgical instruments that are not elsewhere classified including the items listed below.

*Dental burs*

*Forceps*

*Trephines*

*Retractors*

*Speculums*

**76\* Photographic, athletic, and recreational equipment**

This major group classifies all types of cameras and photographic equipment used in the photography field such as cameras, slide and movie projectors, video cameras, photographic paper, tripods, stands, photographic and x-ray film, and other equipment related to the field of photography. It also includes indoor and outdoor recreation and athletic equipment.

*Includes:* cameras; photographic paper and cloth; projectors; tripods, stands; darkroom apparatus; bats and balls; writing, drawing, and art supplies; camping equipment; gymnasium and exercise equipment; playground equipment; riding goods and equipment; snow skiing equipment; water sports equipment

*Excludes:* photographic and copying solutions (1892); optical scanning devices (3614); photocopiers (3625); x-ray machinery and equipment (3722); firearms and other law enforcement and self-defense equipment (78\*); ammunition (782); athletic clothing and

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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footwear—excluding skis and skates (911\*); recreational and commercial fishing equipment (795\*)

### **760 Photographic, athletic, and recreational equipment, unspecified**

#### **761\* Photographic equipment**

##### **7610 Photographic equipment, unspecified**

##### **7611 Cameras—still and motion picture**

This code classifies photographic cameras of all kinds, both still and motion picture.

*Includes:* aerial cameras, movie cameras, box cameras, pinhole cameras, candid cameras, portrait cameras, folding cameras, reflex cameras, hand cameras, still cameras, home movie cameras, television cameras, instant cameras, video cameras, motion-picture cameras, digital cameras, identity recorders

*Excludes:* cameras used with x-ray equipment (3722); video players and recorders (3915); cell phones (3913)

##### **7612 Photographic paper and cloth**

Included in this source group are photosensitive papers and cloths which are used in developing and printing photographs. Most other paper and paper products are classified in major group 93\*, Paper, books, magazines. Paperboard is coded in 474.

<i>Blueprint cloth</i>	<i>Blueprint paper</i>
<i>Brownprint cloth</i>	<i>Brownprint paper</i>
<i>Diazo cloth</i>	<i>Diazo paper</i>
<i>Photographic cloth</i>	<i>Photographic paper</i>

##### **7613 Projectors—still and motion picture**

This source group classifies photographic equipment used to project and view photographic images such as movie and slide projectors. Large screen and projection televisions are classified in 3914 (Televisions). Video players are classified in 3915 (Video players).

<i>Cinema projectors</i>	<i>Slide projectors</i>
<i>Home movie projectors</i>	

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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### **7614 Screens—still and motion picture**

*Movie screens*

### **7615 Tripods, camera stands**

This source group classifies tripods and stands which are used to brace cameras and projectors.

*Camera braces*

*Projector braces*

*Stands*

*Tripods*

### **7619 Photographic equipment, n.e.c.**

This code classifies photographic equipment that is not elsewhere classified.

*Camera parts*

*Darkroom apparatus*

*Developing apparatus*

*Editing equipment*

*Enlargers*

*Exposure meters*

*Film reels*

*Flash bulbs*

*Photographic and graphic  
arts plates*

*Photographic film—motion  
picture, X-Ray, still camera  
Photographic tanks*

### **762\* Writing, drawing, and art supplies**

This source group classifies writing instruments and artist supplies such as pens, pencils, and artists' supplies.

*Includes:* art supplies and materials, except paint; chalk, crayons, marking devices; pens and pencils

*Excludes:* paint (1862); ink and dye (1891); drawing tables (2236); blackboards and bulletin boards (226\*); modeling clay (553); paint brushes (7199); knives (7124, 7125); paper (93\*); paperboard, cardboard, and poster board (474); laser pointers (7294)

### **7620 Writing, drawing, and art supplies, unspecified**

#### **7621 Pens and pencils**

*Refill cartridges*

*Nibs*

*Colored pencils*

*Lead pencils*

*Mechanical pencils*

*Ball-point pens*

*Fountain pens*

*Meter pens*

*Quills*

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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### **7622 Chalk, crayons, marking devices**

<i>Artists' chalk</i>	<i>Charcoal crayons</i>
<i>Blackboard chalk</i>	<i>Wax crayons</i>
<i>Marking chalk</i>	<i>Felt markers</i>
<i>Chalk lines</i>	<i>Soft tip markers</i>
<i>Chalk crayons</i>	<i>Pastels</i>

### **7623 Art supplies and materials, except paint**

<i>Canvasses</i>	<i>Erasers—pencil, pen, chalk</i>
<i>Easels</i>	<i>Canvas frames</i>
<i>Eraser guides, shields</i>	<i>Picture frames</i>

### **7624 Compasses, protractors**

*Includes:* Measuring compasses

*Excludes:* Magnetic compasses (7369)

### **7629 Writing, drawing, and art supplies, n.e.c.**

<i>Hand seal dies</i>	<i>Hand stamps</i>
<i>Ink pads</i>	<i>Rubber stamps</i>
<i>Textile printing screens</i>	<i>Stencils</i>
<i>Hand seals</i>	

### **763\* Recreation and athletic equipment**

*Excludes:* weapons (78\*)

### **7630 Recreation and athletic equipment, unspecified**

### **7631 Balls, pucks**

### **7632 Baseball bats, hockey sticks, rackets**

<i>Golf clubs</i>	<i>Tennis rackets</i>
<i>Lacrosse sticks</i>	

### **7633 Gymnasium and exercise equipment**

This code classifies equipment that is used for exercising, weight lifting, and gymnastics such as jump ropes, gym mats, exercise machines, exercise cycles, jogging machines, rowing machines, treadmills, weight-lifting equipment, and all other equipment used for exercising and gymnastics.

<i>Exercise cycles</i>	<i>Jump ropes</i>
<i>Exercise machines</i>	<i>Rowing machines</i>
<i>Gym mats</i>	<i>Treadmills</i>

\*-Asterisks denote a summary level code not assigned to individual cases.

*Jogging machines*  
*Boxing equipment*

*Weight-lifting equipment*

**7634 Camping equipment**

This code classifies equipment that is used for camping outdoors.

*Includes:* portable lanterns, air mattresses, canteens, sleeping bags, mess kits, tents and accessories

*Excludes:* tarps (472); flashlights (7299); backpacks (2155), cots (2231, 755)

**7635 Playground equipment**

This code classifies equipment that is commonly used in playgrounds. Included are swings and swing sets, sliding boards, sandboxes, and outdoor play sets.

*Jungle bars*

*Outdoor play sets*

*Sandboxes*

*Sliding boards*

*Swing sets*

*Swings*

**7636 Riding equipment**

This code classifies horse riding goods and equipment, including saddles and riding crops.

*Crops, riding*

*Reins*

*Saddlery*

*Saddles*

**7637 Snow sports equipment**

This code classifies equipment related to snow skiing.

*Includes:* snow skis; ski poles; bobsleds; sleds; toboggans; luges; snowboards; ice skates

*Excludes:* safety glasses, goggles (777); snowmobiles (8614); skiing apparel (911\*)

**7638 Water sports equipment**

This code classifies all water sports equipment—except suits and apparel—used in diving (excluding oxygen tanks, 2123), surfing, swimming, and other related water sports. Included here are

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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surfboards, skin diving equipment, scuba diving equipment, kick boards, windsurfing boards and equipment, and sailboards.

*Includes:* diving masks, nose plugs, sailboards, flotation devices, scuba diving equipment (except apparel), inner tubes—recreational, skin diving equipment, kick boards, snorkels, life preservers, surfboards, water skis, paddles, oars

*Excludes:* fishing equipment (795\*) oxygen tanks (2123); ear plugs (772); water vehicles (83\*); jet skis (839); bathing suits, wet suits, beach apparel (911\*)

### **7639 Recreation and athletic equipment, n.e.c.**

This code classifies recreation and athletic equipment not elsewhere classified including the items listed below.

*Includes:* arcade games, archery equipment, pinball machines, roller skates, roller blades, billiards tables and equipment, ping pong tables, skateboards, boomerangs, slot machines, video games

*Excludes:* respirators (776); personal protective devices (77\*); mopeds (8416); bicycles (851); powered golf carts (8612); go carts (8619)

### **769\* Photographic, athletic, and recreational equipment, n.e.c.**

### **77\* Protective equipment, except clothing**

This major group classifies protective equipment (except clothing) worn to protect workers from injuries or illnesses in hazardous work environments.

*Includes:* dust masks; earplugs and hearing protectors; face shields, welding masks; hard hats; lifelines, lanyards, safety belts or harnesses; respirators; safety glasses or goggles

*Excludes:* oxygen tanks (2123); protective clothing and other apparel (911\*); identification badge lanyards (9122); latex gloves (754); diving masks and nose plugs (7638); life preservers and flotation devices (7638); diving equipment, except oxygen tanks (7638)

### **770 Protective equipment, except clothing, unspecified**

#### **771 Dust masks**

#### **772 Ear plugs, hearing protectors**

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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**773 Face shields, welding masks**

**774 Hard hats**

**775 Lifelines, lanyards, safety belts, harnesses**

*Excludes:* clothing and other apparel (911\*), identification badge lanyards (9122); life preservers (7638)

**776 Respirators**

This category classifies all respiratory protection equipment including air supply masks, self-contained breathing apparatus (SCBA), and air helmets. Oxygen tanks are classified in code 2123 (Oxygen tanks). Scuba equipment, except for apparel and oxygen tanks, is coded in 7638.

**777 Safety glasses or goggles**

**779 Protective equipment, except clothing, n.e.c.**

*Bandages*

*Latex bandages*

**78\* Firearms, law enforcement, and other self-defense equipment**

**780 Firearms, law enforcement, and other self-defense equipment, unspecified**

**781\* Firearms**

This source group classifies all types of firearms and their parts. Select the appropriate firearm as the source of injuries due to gunshot wounds.

*Includes:* pistols, handguns, revolvers, rifles, shotguns, bombs torpedoes, grenades, missiles, rockets, artillery shells

*Excludes:* recreational archery equipment (7639); bullets, pellets (782); taser guns, stun guns, electroshock guns (7832); knives (7124, 7125); air-powered and paint ball guns (784)

**7810 Firearm, unspecified**

**7811 Pistol, handgun, revolver**

**7812 Rifle, shotgun**

**7813 Explosive devices**

**7819 Firearm, n.e.c.**

**782 Ammunition**

This major group classifies those projectiles which are fired by a weapon.

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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*Includes:* bullets; pellets; shot; shrapnel from explosives and bullets

*Excludes:* dynamite (1851); gunpowder (1853); fireworks (1854); firearms (781\*)

### **783\* Other law enforcement and self-defense equipment**

#### **7830 Other law enforcement and self-defense equipment, unspecified**

#### **7831 Batons, nightsticks**

*Night sticks*

*Billy club*

*Blackjacks*

*Bludgeons*

*Clubs*

*Numchucks*

#### **7832 Tasers, stun guns**

#### **7833 Tear gas, mace, pepper spray**

*Bromobenzyl cyanide*

*Ethyl iodoacetate*

*Chloroacetophenone*

*Lacrimogenic gas*

#### **7834 Handcuffs**

#### **7839 Law enforcement and self-defense equipment, n.e.c.**

#### **784 Air-powered guns, paintball guns**

*BB guns*

#### **789 Firearms, law enforcement, and other self-defense equipment, n.e.c.**

### **79\* Other tools, instruments, and equipment**

This major group classifies other tools, instruments, and equipment not previously classified.

*Includes:* clocks; cooking and eating utensils, except knives; firearms; health care and orthopedic equipment, n.e.c.; musical instruments; sewing notions, n.e.c.

*Excludes:* containers (21\*); furniture and fixtures (22\*); tool chests (2212); machinery (3\*); mechanical jacks (347); parts and materials (4\*); hoisting accessories (43\*); machine, tool, and electric parts (44\*); tool parts, accessories (443\*); tarps (472); writing, drawing, and art supplies (762\*)

#### **790 Other tools, instruments, and equipment, unspecified**

#### **791 Clocks**

\*-Asterisks denote a summary level code not assigned to individual cases.



## SOURCE

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This source group classifies digital and analog alarm clocks, wall clocks and mantle clocks, as well as grandfather clocks. Included here are office clocks, cuckoo clocks, ships clocks, travel alarm clocks, and standing clocks.

*Includes:* cuckoo clocks, standing clocks, grandfather clocks, travel alarm clocks, office clocks, ship clocks, time clocks, hourglasses

*Excludes:* clock radios (3911); wrist and pocket watches (9123)

### **792 Cooking and eating utensils, except knives**

*Bottle openers*

*Forks*

*Kitchen utensils*

*Rolling pins*

*Spatulas*

*Spoons*

*Skewers*

*Tongs*

### **793\* Musical instruments**

This source group classifies all musical instruments and their associated parts and accessories, including music stands. Piano benches are classified in 2232 (Benches, workbenches, saw horses). Musical instrument cases are classified in 2159 (Luggage, handbags, n.e.c.).

#### **7930 Musical instrument, unspecified**

#### **7931 Pianos, organs, keyboards**

#### **7939 Musical instruments, n.e.c.**

*Accordions*

*Banjos*

*Bassoons*

*Bells*

*Bugles*

*Cellos*

*Chimes*

*Clarinets*

*Cornets*

*Cymbals*

*Drums*

*Flutes*

*French horns*

*Guitars*

*Harmonicas*

*Harps*

*Harpsichords*

*Mandolins*

*Musical instruments—*

*electronic except pianos*

*Musical instruments—non-*

*electronic, except pianos*

*Musical instruments—*

*percussion*

*Oboes*

*Ocarinas*

*Octophones*

*Piccolos*

*Reeds*

*Saxophones*

*Synthesizers*

*Trombones*

*Trumpets*

*Ukuleles*

*Vibraphones*

*Violas*

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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*Marimbas*  
*Musical instrument*  
*accessories (e.g.*  
*reeds, mouthpieces,*  
*stands, traps)*

*Violins*  
*Wind chimes*  
*Xylophones*  
*Zithers*

### **794\* Sewing notions**

This source group classifies sewing notions which are commonly used to produce hand-sewn articles.

*Includes:* fabric pins, safety pins, sewing needles, thimbles

*Excludes:* hypodermic needles (7511)

**7940 Sewing notions, unspecified**

**7941 Fabric pins, safety pins**

**7942 Sewing needles**

**7949 Sewing notions, n.e.c.**

### **795\* Fishing equipment**

This source group classifies fishing equipment, both commercial and recreational

*Includes:* lobster and crab pots, fishing hooks, fishing nets

*Excludes:* commercial fishing vessels (832)

**7950 Fishing equipment, unspecified**

**7951 Recreational fishing equipment**

**7952 Commercial fishing equipment**

*Includes:* trawling nets

**7959 Fishing equipment, n.e.c.**

### **799 Tools, instruments, and equipment, n.e.c.**

This source group classifies other tools, instruments, and equipment not elsewhere classified.

*Includes:* candles, clothes hangers, lighters, climbing spurs, matches, combs, soap dispensers, curlers, stilts, fly swatters, tobacco pipes, geographical globes, umbrellas, safety cones, calculators—portable

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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*Excludes:* containers, furniture, and fixtures (2\*); tool chests (2212); machinery (3\*); mechanical jacks (347); parts and materials (4\*); hoisting accessories (43\*); machine, tool, and electric parts (44\*); tool parts, accessories (443\*); tarps (472)

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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### 8\* VEHICLES

This division classifies vehicles that generally move on wheels, runners, water, or air. A vehicle serves the primary purpose of **transporting** people (e.g., automobiles, passenger trains), but it may serve as a means of **carrying or transferring** goods and materials (e.g., forklifts, wheelbarrows) or to pull other machinery (tractors). In addition, a vehicle may serve primarily as a recreational device (e.g., canoes, bicycles, jet skis, etc.). Vehicles for all modes of public, private, work-related, and recreational transportation are included in this division.

Machinery which are primarily used for agricultural, construction, logging, mining, manufacturing, and other **processing purposes** are classified in Division 3, Machinery.

**A vehicle or piece of mobile equipment should be selected whenever the event is a transportation incident.**

If a vehicle part that produces an injury is **attached** to the vehicle, then the entire vehicle should be listed as the source, unless the injury resulted from overexertion (such as pulling the cargo door of a tractor trailer), the incident involved a tractor/agricultural equipment combination, or the source of injury was a vehicle floor in a non-transportation incident.

If a vehicle part is known to be **unattached and independent** of a vehicle—or if it is probable that a vehicle is not involved in the injury—then that specific part should be listed as the source. Unattached vehicle and mobile equipment parts are classified in major group 48 (Vehicle and mobile equipment parts). Unattached trailers are classified in source group 483 (Trailers). Unattached vehicle windshields and windows are classified in source group 484 (Windshields, vehicle windows). Unattached rail cars are included in 8244.

*Includes:* air vehicles; rail vehicles and rail cars; water vehicles; motorized highway vehicles; nonmotorized highway vehicles; off-road vehicles including powered plant and industrial vehicles; tractors; nonpowered plant and industrial vehicles

*Excludes:* machinery (3\*); agricultural and garden machinery (31\*); construction, logging, and mining machinery (32\*); material and personnel handling machinery (34\*); ski lifts (3481); unattached vehicle and mobile equipment parts (48\*); vehicle doors, liftgates, tailgates (485\*)

#### 80 Vehicle, unspecified

#### 81\* Aircraft

This major group classifies fixed- and rotary-winged aircraft. The aircraft may be

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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designed for public, private, or military use.

**An air vehicle code should be selected as either the source or secondary source whenever the event is an aircraft incident.**

*Includes:* powered fixed wing aircraft; powered rotary wing aircraft; non-powered aircraft; spacecraft

### **810 Aircraft unspecified**

#### **811\* Airplanes—powered fixed wing**

This source group classifies aircraft which is supported by a fixed wing structure. The airplane can be jet engine or propeller powered.

*Includes:* turbine or piston type aircraft, planes

*Excludes:* helicopters (8121); nonpowered gliders (8131)

#### **8110 Airplane—powered fixed wing, unspecified**

#### **8111 Airplane—jet or turbine engine**

*Includes:* turbojets, turboprops, commercial jet, jet aircraft

#### **8112 Airplane—propeller-driven or piston engine**

*Includes:* light aircraft, general aviation aircraft, and crop dusters unless specified otherwise

#### **8119 Airplane—powered fixed wing, n.e.c**

#### **812\* Aircraft —powered rotary wing**

This source group classifies aircraft which is supported by a rotary wing. The aircraft can be rotary wing only or a combination of rotary wing and jet propulsion.

*Includes:* helicopters; tiltrotor aircraft

*Excludes:* turbine airplanes (8111), piston airplanes (8112)

#### **8120 Aircraft—powered rotary wing, unspecified**

#### **8121 Helicopter**

*Includes:* air ambulances, unless otherwise specified; tiltrotor aircraft

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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### **8129 Aircraft—powered rotary wing, n.e.c**

### **813\* Aircraft—nonpowered**

This source group classifies aircraft that glide or float without some type of power source, such as jet propulsion, propellers, or hot air.

*Includes:* nonpowered gliders; parachutes

*Excludes:* jets (8111), propeller airplanes (8112), helicopters (8121), hot air balloons (819), dirigibles (819)

### **8130 Aircraft—nonpowered, unspecified**

### **8131 Glider, hang glider—nonpowered**

### **8132 Parachute**

### **8139 Aircraft—nonpowered, n.e.c**

### **819 Aircraft, n.e.c**

This category classifies aircraft which are not previously classified.

*Includes:* hot-air balloons, dirigibles, spacecraft

### **82\* Rail vehicles**

This major group classifies mass transit and freight vehicles operating above and below ground. If the injury is a confined space injury, that is if an injury occurs inside a tanker rail car resulting from entrapment or hazardous atmospheric conditions, use code 6189, vehicle confined space, n.e.c.

### **820 Rail vehicle, unspecified**

### **821 Amusement park rail vehicle**

If it is not known whether the ride is a rail or nonrail vehicle, code 3482.

*Includes:* monorail rides, roller coasters, other rides traveling on rails

*Excludes:* aerial gondola rides (3481); Ferris wheel and other nonrail amusement rides, except aerial gondola rides (3482)

### **822 Streetcar, trolley, cable car, light rail**

### **823 Subway, elevated train**

### **824\* Train, locomotive, rail car**

### **8240 Train, locomotive, rail car, unspecified**

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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**8241 Freight train**

**8242 Passenger train, heavy rail**

This code includes passenger trains running on freight line tracks.

**8243 Locomotive—unattached to rail car(s)**

**8244 Rail car(s)—unattached to locomotive**

**8249 Train, locomotive, rail car, n.e.c.**

**825 Rail-mounted construction, cleaning, maintenance machine**

*Includes:* rail-mounted machinery for construction, cleaning, and maintenance of rail lines; highway vehicles outfitted with railroad wheels while running on rails

*Excludes:* nonrail-mounted construction equipment used in railroad, construction, cleaning, maintenance (3\*); rail-mounted cranes (3432)

**826 Industrial, mining rail vehicle**

This code includes all rail vehicles used to transport goods and materials within an industrial or mine site.

*Excludes:* heavy rail passenger train (8242), freight train (8241)

**829 Rail vehicle, n.e.c**

**83\* Water vehicles**

This major group classifies water vehicles used for transporting people or materials, for commercial fishing, or for recreational purposes. Use code 835 if it is unknown whether a yacht was under sail or motor power at the time of the incident.

*Includes:* powered and nonpowered water vessels; water taxis

*Excludes:* barge-mounted cranes, floating cranes (3433)

**830 Water vehicle, unspecified**

**831 Barge**

**832 Commercial fishing vessel**

*Commercial fishing boats*

**833 Tugboat, towboat**

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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**834 Cargo ship, freighter, passenger liner, ship, excluding sail-powered**

**835 Motorboat, motorized yacht**  
*Water taxi*

**836 Sailboat**  
*Sail-based yacht*

**837 Rowboat, kayak, canoe**

**838 Raft, floating dock**

**839 Water vehicle, n.e.c**  
*Jet skis* *Hovercraft*

**84\* Highway vehicles, motorized**

This major group classifies vehicles which are operated primarily on highways and other public roadways and used for transportation, hauling, delivering, and emergencies. If it is unknown whether a vehicle is being used to carry passengers or cargo, use the first code in the list. For example, if source documents say “van,” code as 8415.

*Includes:* automobiles; buses; motorcycles, mopeds, dirt bikes; motor homes, recreational vehicles; trucks; vans

*Excludes:* nonmotorized highway vehicles such as bicycles (851); horse-drawn carriages (852); off-road vehicles such as forklifts (8621); tractors (863\*); golf carts (8612)

**840 Highway vehicle, motorized, unspecified**

**841\* Passenger vehicles—automobiles, buses, and passenger vans**

This source group classifies vehicles that are used primarily for transporting passengers. Vehicles for transporting goods and materials are in source group 842. Vans that are not specified as either passenger or cargo should be coded as 8415, passenger van.

*Excludes:* trucks (842\*), pickup trucks and SUV’s (843\*)

**8410 Passenger vehicle, unspecified**

**8411 Ambulance, police, and other emergency passenger vehicle**

*Includes:* squad car, cruiser, patrol car, police car, ambulance

**8412 Taxi**

\*-Asterisks denote a summary level code not assigned to individual cases.



## SOURCE

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This code includes automobiles, vans, SUVs, and limos used as taxis. Airport shuttles are also included here.

*Excludes:* animal-powered taxi (85\*), pedicab (851); water taxi (835); air taxi (81\*)

### **8413 Automobile**

*Includes:* car, limousine, unspecified automobile or car

*Excludes:* taxi (8412), police car (8411), rail car (8244), racecar (8613); armored car (8429)

### **8414 Bus**

*Includes:* transit bus, tour or charter bus, school bus, intercity bus

### **8415 Passenger van**

*Excludes:* cargo and delivery van (8426), courtesy airport van (8412), taxi (8412)

### **8416 Motorcycle, moped, dirt bike**

*Includes:* motor bike, motor scooter

### **8417 Motor home, RV**

*Includes:* recreational vehicle (RV)

*Excludes:* mobile home (6254), semi-permanent trailer home (6254), manufactured home (6254)

### **8419 Passenger vehicle, n.e.c**

### **842\* Trucks—motorized freight hauling and utility**

This source group classifies trucks which are commonly used for transporting, hauling, and delivering goods and materials. Delivery trucks are straight or box trucks that are typically used to deliver such items as parcels, beverages, oil, linens, and furniture. Straight and box trucks used for other purposes besides delivering goods are also included in code 8426. Delivery and cargo vans are coded in 8426. Semitrailers that are used for delivering automobiles or other items are coded 8421.

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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*Includes:* delivery (box) trucks; dump trucks; semitrailers, tractor trailers, trailer trucks; boom trucks; cherry pickers unless known to be non truck-mounted; dump trucks; garbage trucks; fire trucks; delivery trucks and vans; cement trucks; tow trucks; armored trucks; snow plows

*Excludes:* street sweepers (894); forklifts (8621); tractors (863\*); hand trucks (871); passenger vans (8415); non truck-mounted aerial lifts (3467); pickup trucks (8431); SUVs (8432)

### **8420 Truck—motorized freight hauling and utility, unspecified**

*Includes:* truck, unspecified

### **8421 Semi, tractor-trailer, tanker truck**

*Includes:* tanker trucks, flatbed trucks—except straight trucks, logging trucks, car haulers

*Excludes:* fire trucks (8425)

### **8422 Boom truck, bucket or basket hoist truck**

*Includes:* utility bucket trucks; cherry-pickers, unless known to be non-truck-mounted

*Excludes:* non-truck-mounted aerial lifts (3467); non-truck-mounted cherry pickers (3469)

### **8423 Dump truck**

### **8424 Garbage, recycling, or refuse truck**

### **8425 Fire truck, other emergency equipment truck**

*Includes:* hazmat trucks, SWAT trucks, emergency equipment haulers

*Excludes:* emergency passenger vehicles (8411)

### **8426 Delivery truck or van**

*Includes:* box trucks, straight trucks, postal delivery trucks, cargo vans, delivery vans

*Excludes:* SUV's, sports utility vehicles (8432); pickup trucks used for deliveries (8431); passenger vans (8415)

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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**8427 Cement truck, concrete mixer truck**

**8428 Tow truck**

**8429 Truck—motorized freight hauling and utility, n.e.c**

*Includes:* armored cars, armored trucks, snow plows

*Excludes:* armored personnel carriers (891); tanks (892); Humvees (893)

**843\* Multi-purpose highway vehicles**

This source category includes vehicles that can be used either for transport of passengers or of goods and materials as their primary function.

*Excludes:* SUV's used as taxis (8412)

**8430 Multi-purpose highway vehicle, unspecified**

**8431 Pickup truck**

**8432 SUV, sports utility vehicle**

*Includes:* 4-wheel drive vehicles, jeeps

*Excludes:* SUV's used as taxis (8412)

**8439 Multi-purpose highway vehicle, n.e.c.**

**849 Highway vehicle, motorized, n.e.c.**

**85\* Animal- and human- powered vehicles**

This source group classifies animal- or human- powered highway vehicles, as well as other non-motorized highway vehicles.

*Includes:* horse-drawn carriages; bicycles—road and mountain, pedal cycles

*Excludes:* motorized highway vehicles (84\*), nonpowered plant and industrial vehicles (87\*), horses being ridden (5154)

**850 Animal- or human- powered vehicle, unspecified**

**851 Bicycle, pedal cycle**

*Includes:* unicycle, pedicab, bicycle rickshaw, road bicycle, mountain bicycle

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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- 852 Horse-drawn carriage, buggy**
- 853 Animal-powered wagon**
- 859 Animal- or human-powered vehicle, n.e.c.**

### **86\* Off-road and industrial vehicles—powered**

This major group classifies off-road vehicles that are primarily used for transportation in nonroadway areas, such as on farms, industrial premises, and recreational areas.

*Includes:* all terrain vehicles (ATV's); powered golf carts; snowmobiles; motorized scooters, except for mobility scooters

*Excludes:* motorcycles, dirt bikes (8416); jeeps, four-wheel drive trucks, sports utility vehicles (8432); mountain bicycles (851); wheelchairs and mobility scooters (753\*)

### **860 Off-road or industrial vehicle—powered, unspecified**

### **861\* Off-road passenger vehicles—powered**

This source group classifies vehicles used for transporting passengers in nonroadway areas.

#### **8610 Off-road passenger vehicle—powered, unspecified**

#### **8611 ATV, all terrain vehicle**

#### **8612 Golf cart, personnel transport cart**

#### **8613 Racecar**

#### **8614 Snowmobile**

### **8619 Off-road passenger vehicles—powered, n.e.c**

*Includes:* Segways <sup>TM</sup>

*Excludes* wheelchairs and mobility scooters (753\*), mopeds and motor scooters (8416)

### **862\* Industrial vehicles, material hauling and transport—powered**

This group classifies forklifts, powered industrial carriers, and industrial vehicles which are used for carrying and transporting heavy materials in primarily nonroadway areas.

*Includes:* forklifts; powered industrial carriers; airport utility vehicles; powered pallet jacks

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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*Excludes:* tractors and power take-offs (863\*); product assembly robots (392)

**8620 Industrial vehicle, material hauling and transport—powered, unspecified**

**8621 Forklift, order picker, platform truck—powered**

*Includes:* tow motors, lift trucks, skid steers with forklift attachment

**8622 Powered industrial carrier**

*Includes:* container, lumber, stacker, and straddle carriers

**8623 Pallet jack—powered**

*Includes:* motorized pallet jacks—riding or hand

*Excludes:* nonpowered pallet jacks (872); jacks, other than pallet (347)

**8624 Airport utility vehicle—powered**

*Includes:* powered luggage trucks or trains, powered airplane tugs

**8629 Industrial vehicle, material hauling and transport—powered, n.e.c**

**863\* Tractors, PTOs**

This source group classifies tractors which are commonly used for towing agricultural and hauling implements. Power take-offs (PTOs) connecting tractors to another piece of equipment are coded here.

Incidents resulting solely from the equipment attached to the tractor, such as being caught in a baler, should be coded to the specific equipment involved. Incidents in which the worker falls from a moving tractor and is struck by the equipment being pulled are coded with the tractor as the source and the attached equipment as the secondary source.

*Includes:* farm, industrial, and construction tractors; power take-offs

*Excludes:* haying machines (3123); tractor-mowers (3123); hay mowers (3123); brush hogs (3123); loaders (322\*); semi tractor trailers (8421)

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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- 8630 Tractor, unspecified**
- 8631 Farm tractor**
- 8632 Construction tractor**
- 8633 Industrial tractor**
- 8634 Power take-off (PTO)**
- 8639 Tractor, n.e.c.**

### **869 Off-road or industrial vehicle—powered, n.e.c**

### **87\* Plant and industrial vehicles—nonpowered**

This source group classifies nonpowered plant and industrial vehicles (and other wheeled equipment) used for transporting and hauling payloads.

*Includes:* nonpowered carts, dollies, and hand trucks (871); nonpowered shopping carts (875); nonpowered wheelbarrows (874); nonpowered pallet jacks (872)

*Excludes:* motorized shopping carts and mobility scooters (7532); powered plant and industrial vehicles (86\*)

### **870 Plant and industrial vehicle—nonpowered, unspecified**

### **871 Cart, dolly, hand truck—nonpowered**

*Includes:* laundry cart; nonpowered platform cart

*Excludes:* nonpowered shopping cart or grocery carriage (875); motorized shopping carts (7532)

### **872 Pallet jack—nonpowered**

*Includes:* nonmotorized pallet jack

### **873 Wagon**

*Includes:* tobacco wagon, hay wagon, sales wagon

*Excludes:* animal-drawn wagon (853)

### **874 Wheelbarrow**

### **875 Shopping cart, grocery carriage—nonpowered**

### **879 Plant and industrial vehicle—nonpowered, n.e.c**

### **89\* Other vehicles**

This category includes vehicles that are not elsewhere classified, including

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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military vehicles.

- 890** Other vehicles, unspecified
- 891** Armored personnel carrier
- 892** Tank
- 893** Humvee
- 894** Street sweeping and cleaning machinery
  
- 899** Vehicle, n.e.c  
*Zamboni*

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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### 9\* OTHER SOURCES

This division classifies sources of injuries and illness that are not classified in the previous divisions. Classified here are apparel and textiles; environmental and elemental conditions; paper, books, magazines; scrap, waste, debris; steam, vapors, liquids, ice; and other sources n.e.c.

*Includes:* apparel and textiles; environmental and elemental conditions; paper, books, magazines; scrap, waste, debris; steam, vapors, liquids, and ice

*Excludes:* (See individual major groups)

### 90 Other sources, unspecified

#### 91\* Apparel and textiles

This major group classifies clothing apparel and accessories, regardless of fabric type. Jewelry, watches, eye glasses; textiles; laundry; and linens are included.

*Includes:* clothing and shoes; eye glasses, jewelry, and watches; textiles; laundry; linens

*Excludes:* unprocessed fur, wool, and leather (521\*); hard hats (774); safety glasses or goggles (777); snow skis (7637); ice skates (7637); roller skates (7639); tool belts (2157); laundry bags (2111); laundry baskets (2115); laundry bins (2118); laundry hampers (2119)

#### 910 Apparel and textiles, unspecified

#### 911\* Clothing and shoes

This source group classifies all products and apparel that clothe the human body regardless of fabric type. This category includes most protective clothing, including aprons, gloves (except latex), and safety shoes. Safety glasses and goggles are coded in 777. Hard hats are coded in 774.

*Includes:* belts, gloves, neckties, scarves; blouses shirts, dresses, trousers, skirts; hats, caps; shoes, boots, slippers, sandals; suits, coats, jackets

*Excludes:* fur, wool, and leather (521\*); hard hats (774); snow skis (7637); ice skates (7637); water skis (7638); inline and roller skates (7639); eye glasses (9121); safety glasses and goggles (777); latex gloves (754); ID badge lanyards (9122)

\*-Asterisks denote a summary level code not assigned to individual cases.



## SOURCE

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### 9110 Clothing, unspecified

#### 9111 Belts, gloves, neckties, scarves

*Excludes:* latex gloves (754); tool belts (2157); safety belts (775)

#### 9112 Blouses, shirts, dresses, trousers, skirts

#### 9113 Hats, caps

#### 9114 Shoes, boots, slippers, sandals

#### 9115 Suits, coats, jackets

#### 9119 Clothing, n.e.c.

*Aprons*

*Bathing suits*

*Briefs*

*Diving suits*

*Lingerie*

*Nightgowns*

*Nightshirts*

*Pajamas*

*Swimsuits*

#### 912\* Eye glasses, jewelry, and watches

*Includes:* eye glass chains (9122), ID badge lanyards (9122)

*Excludes:* safety glasses and goggles (777)

#### 9120 Eye glasses, jewelry, and watches, unspecified

#### 9121 Eye glasses, sunglasses

#### 9122 Jewelry, ID badge lanyards

*Diamond jewelry*

*Earrings*

*Gold jewelry*

*Eye glass chains*

#### 9123 Watches

#### 913\* Textiles

This source group classifies all fabrics, synthetic and natural, whether woven, knitted, felted, bonded, or crocheted.

*Includes:* fabric; yarn, thread; cloth

*Excludes:* bolts or rolls of fabric (2133); floor, wall, window coverings (222); beds, mattresses (2231); textile, apparel, leather production machinery (376\*); clothing and shoes (911\*); sheets, towels, linens, bedding (915); unprocessed fur, wool, and leather hides (521\*)

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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### **9130 Textiles, unspecified**

#### **9131 Fabric** *Cloth*

#### **9132 Yarn, thread**

#### **9139 Textiles, n.e.c.**

### **914 Laundry**

This source includes loose laundry items not contained in a bag or bin. Laundry bags are in 2111, laundry baskets 2115, laundry bins 2118, and laundry hampers 2119.

### **915 Sheets, towels, linens, bedding**

*Includes:* blankets, comforters, tablecloths, napkins, face cloths, wash cloths

*Excludes:* beds, mattresses, and box springs (2231); air mattresses (7634)

### **919 Apparel and textiles, n.e.c.**

This source group classifies apparel and textiles not elsewhere classified.

## **92\* Environmental and elemental conditions**

This major group classifies conditions of the environment such as air pressure, temperature, and other atmospheric conditions, as well as events such as natural disasters. **Select weather and atmospheric conditions or geological events (floods, earthquakes, avalanches) as the source of injury when that is the only possible source identified.** Code 9252, waves, surges, rough seas, includes high waves, hurricane storm surges, and tidal waves. If a hurricane caused the damage rather than a storm surge, code in 9277.

*Includes:* air pressure; avalanche, mudslide; earthquake; fire, flame, smoke; flooding; environmental temperature extremes; weather and atmospheric conditions; noise, sun, welders' flash, indoor air quality

### **920 Environmental and elemental conditions, unspecified**

#### **921\* Air pressure**

This source group classifies abnormal environmental air pressure conditions as well as pressurized air. Low pressure refers to rarefied air at

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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extreme elevations. Blasts of pressurized air and water are coded in 9213 and 9254, respectively. Water pressure, such as that encountered in caisson work and deep diving, is coded in 9253.

- 9210 Air pressure, unspecified**
- 9211 Atmospheric pressure—high or low**
- 9212 Pressurized air—environmental**
- 9213 Pressurized air—blast**
- 9219 Air pressure, n.e.c.**

- 922 Avalanche, mudslide**
- 923 Earthquake**

### **924\* Fire, flame, smoke**

This source group classifies fire, flame, smoke, and fire gases. When an injury or illness is inflicted by hot objects or substances, code the specific object or substance.

*Includes:* fire, flame, smoke, fire gases

*Excludes:* welding fumes (147)

- 9240 Fire, flame, smoke, unspecified**
- 9241 Fire, flame**
- 9242 Tobacco smoke**
- 9243 Smoke, fire gases, n.e.c.**

- 9248 Multiple fire, flame, smoke**  
*Fire and smoke combined*

### **925\* Flooding and other water sources**

*Includes:* floods; waves, storm surges, and rough seas; water pressure; blasts of pressurized water

*Excludes:* rain (9275); water on floor (9521); natural bodies of water (673\*); rough seas associated with tornados, hurricanes, typhoons, or tropical storms (9277)

- 9250 Flooding and other water sources, unspecified**
- 9251 Flooding**
- 9252 Waves, surges, rough seas**
- 9253 Water pressure—high or low**
- 9254 Pressurized water—blast**
- 9259 Flooding and other water sources, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.

**926\* Temperature extremes—environmental**

This source group classifies atmospheric and environmental temperature extremes—either indoors or outdoors. Codes in this category are used primarily in instances of heat stroke, heat exhaustion, hypothermia, etc.

*Excludes:* fire, flame, smoke (924\*); ice, sleet, snow (9273); hot or cold objects

**9260 Temperature extremes—environmental, unspecified**

**9261 Cold—environmental**

**9262 Heat—environmental**

**927\* Weather and atmospheric conditions**

This source group classifies weather and atmospheric conditions. If rain or high winds are a result of a hurricane or tornado, code the hurricane or tornado as the source. When the injury results from a weather condition, but is inflicted by another specific source, code the specific source. For example, if high winds result in blowing sawdust which irritates the employee's eyes, the sawdust should be coded as the source.

*Excludes:* air pressure (921\*); avalanche (922); earthquake (923); flooding (9251); hot and cold environmental temperature extremes (926\*); sun (9292); waves, surges, rough seas—except those occurring during tornado, hurricane, typhoon (9252); ice chips, cubes, and blocks (953); ice on freezer floor (953)

**9270 Weather and atmospheric conditions, unspecified**

**9271 Fog**

**9272 High winds, gusts, turbulence**

**9273 Ice, sleet, snow**

*Icicle*

**9274 Lightning**

**9275 Rain**

**9276 Smog, poor outdoor air quality**

**9277 Tornado, hurricane, typhoon**

*Tropical storm*

**9278 Multiple weather and atmospheric conditions**

*Rain and fog combined*

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\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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### **9279 Weather and atmospheric conditions, n.e.c.**

### **929\* Other environmental and elemental conditions**

*Includes:* noise, sun, welder's flash, UV light, microwaves, poor air quality, oxygen deficiency

*Excludes:* smog (9276); environmental heat (9262)

#### **9291 Noise**

#### **9292 Sun**

#### **9293 Welders' flash**

### **9294 Other ultraviolet (UV) light**

This code is used for tanning bed lights, sun lamps, and mercury and xenon arc lamps, such as those used in fluorescence microscopy. Sunlight is coded in 9292 and welders' flash in 9293.

### **9295 Microwaves**

*Excludes:* microwave ovens (3326)

### **9296 Poor indoor air quality**

### **9297 Oxygen-deficient environment**

### **9299 Environmental and elemental conditions, n.e.c.**

## **93\* Paper, books, magazines**

This major group classifies paper and paper products such as books and magazines. It also includes unbound stacks of paper.

*Excludes:* containers (2\*); rolls of paper (2133); photographic paper (7612); cardboard and paperboard (474); cardboard boxes (2114)

### **930 Paper, books, magazines, unspecified**

### **931 Books, notebooks, magazines, catalogues**

### **932 Paper, sheets**

*Stacks of paper*

### **933 Binders, files, charts**

*Medical charts*

*File folders*

### **939 Paper, books, magazines, n.e.c.**

*File cards*

*Playing cards*

*Newspaper*

*Newsprint (except rolls)*

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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### **94\* Scrap, waste, debris**

This major source group classifies discarded fragments such as ashes, garbage, sewage, etc.; as well as other dirt, glass, metal, wood, rubber, or unidentified particles.

*Includes:* chips, particles, splinters; sewage; construction debris; trash, garbage; scrap metal

*Excludes:* chemical metallic particulates, trace elements, dusts, powders, fumes (14\*); molten or hot metals, slag (452); metallic minerals (54\*); nonmetallic minerals, except fuel (55\*)

### **940 Scrap, waste, debris, unspecified**

#### **941\* Chips, particles, splinters**

##### **9410 Chips, particles, splinters, unspecified**

##### **9411 Dirt particles and dust from dirt, debris**

*Includes:* unspecified dust

*Excludes:* grain dust (5891), coal dust (161), silica dust (558), asbestos dust (551), wood dust, sawdust (9414)

##### **9412 Broken glass, glass chips, or fibers**

This code should be used if a worker is injured when handling broken glass. If a glass breaks and the worker is burned by hot contents of the glass, code the hot liquid as the source and glass as the secondary source. Injuries from glass splinters are also included in this category.

##### **9413 Metal chips, particles**

*Includes:* steel shots (non-ammunition); shrapnel from metal sources other than explosives or bullets; metal splinters

*Excludes:* shrapnel from ammunition or explosive devices (782); scrap metal (945); metal slag (452)

##### **9414 Wood chips, sawdust**

*Includes:* wood chips and particles, wood dust

\*-Asterisks denote a summary level code not assigned to individual cases.

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*Includes:* wood splinters (9415)

**9415 Wood splinters**

**9416 Plastic chips, particles**

**9419 Chips, particles, splinters, n.e.c.**

*Broken dishes, excluding glasses*

**942 Sewage**

**943 Construction debris**

**944 Trash, garbage**

**945 Scrap metal**

**949 Scrap, waste, debris, n.e.c.**

*Rubble, except construction*

*Ashes*

*Embers*

*Tree sap, pulp*

*Concrete pieces*

**95\* Other steam, vapors, liquids, ice**

This major group classifies water, steam, water vapor, and other liquids and vapors not elsewhere classified. Cleaning agents and other chemical fluids and vapors are found in Chemicals (1\*).

*Includes:* nonchemical steam, vapors; liquids, water

*Excludes:* rain (9275); water pressure changes occurring during diving (9253); blast of pressurized water (9254); flood (9251); chemicals and chemical products and fumes (Division 1\*)

**950 Steam, vapor, liquids, ice, unspecified**

**951 Steam, vapors—nonchemical**

This code classifies water that is converted into vapor or gas by being heated to the boiling point, and water vapor kept under pressure so as to supply energy for heating, cooking, or mechanical work.

**952\* Liquids—nonchemical**

This source group classifies water with temperature above the freezing point and at or below the boiling point, and liquids not elsewhere classified. If a worker slips and falls due to an unknown liquid or the narrative states “wet floor,” code 9520, liquids, unspecified. If the liquid is known, such as a fall on spilt juice, code the liquid, beverages (5224).

**9520 Liquids, unspecified**

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE

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### **9521 Water**

*Excludes:* rain (9275); water pressure changes occurring during diving (9253); blast of pressurized water (9254); flood (9251)

### **9529 Liquids, n.e.c.**

*Excludes:* soups, sauces, gravies (5222); cooking fats, oils (5221); beverages (5224); other food products (5229); cleaning products (183); mud (555); bodily fluids (578\*); motor oil (164\*); natural bodies of water (673\*); pools (633); chemicals (1\*)

### **953 Ice—blocks, cubes, crushed**

*Includes:* ice cubes, block of ice, crushed ice, ice on freezer floor

*Excludes:* ice on road or sidewalk (9273), icicle (9273)

### **959 Steam, vapor, liquids, ice, n.e.c.**

### **99 Source, n.e.c.**

This code is used for sources not classified elsewhere in the source code structure. This code is also used for multiple objects or substances that are not in the same division, but only if the two objects or substances equally contribute to producing the injury.

*Cigarettes*

*Contact lenses*

### **9999 Nonclassifiable**

Use this code when the source as defined by the rules of selection is not known. This code is generally not used for secondary source.

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\*-Asterisks denote a summary level code not assigned to individual cases.



## **SECTION 2.4**

**Event**

**Or**

**Exposure**

### **SECTION CONTENTS**

2.4.1 Definition, Rules of Selection

2.4.2 Titles and Descriptions

\*-Asterisks denote a summary level code not assigned to individual cases.

## 2.4.1 Event or Exposure—Definition, Rules of Selection

### 4.0 DEFINITION

The event or exposure describes the manner in which the injury or illness was produced or inflicted by the source of injury or illness.

### RULES OF SELECTION:

4.1 When the injury or illness occurred as a result of contact with or exposure to an object or substance, select the event or exposure which best describes the manner in which that contact or exposure occurred.

4.1.1 The event categories are listed in order of precedence, such that the categories are ordered as follows:

- Violence and other injuries by persons or animals
- Transportation incidents
- Fires and explosions
- Falls, slips, trips
- Exposure to harmful substances or environments
- Contact with objects or equipment
- Overexertion and bodily reaction
- Nonclassifiable

When two or more of these events occurred, select the first event listed above.

4.1.2 In general, when two or more events occurred within the same subcategory, select the first event listed in the code sequence.

4.2 Injuries involving the normal worksite tasks and actions of the injured worker and co-workers are considered accidental by default unless information to the contrary is provided.

\*-Asterisks denote a summary level code not assigned to individual cases.

## 2.4.2 Event or Exposure—Titles and Descriptions

The Event or Exposure code structure is arranged so that codes are listed in their order of precedence.

The Event or Exposure divisions are arranged as follows:

<u>DIVISION</u>	<u>TITLE</u>
1	Violence and Other Injuries by Persons or Animals
2	Transportation Incidents
3	Fires and Explosions
4	Falls, Slips, Trips
5	Exposure to Harmful Substances or Environments
6	Contact with Objects and Equipment
7	Overexertion and Bodily Reaction
9999	Nonclassifiable

\*-Asterisks denote a summary level code not assigned to individual cases.

### 1\* **VIOLENCE AND OTHER INJURIES BY PERSONS OR ANIMALS**

**Violence and other injuries by persons or animals** include all intentional injuries; injuries involving weapons (tools designed to be used as weapons, such as firearms and stun guns) regardless of intent; and injuries involving direct physical contact with persons, animals, or insects regardless of intent. Such injuries may be inflicted by another person, by oneself, or by an animal or insect.

Excluded from this division are injuries resulting from overexertion or bodily reaction, such as from lifting a patient or running after a suspect; unintentional injuries resulting from indirect contact, such as being hit by a box or ball thrown by another person; transportation incidents unless the intent was to injure the worker; injuries resulting from contact with dead animals; unintentional drug overdoses; and exposures to infectious agents unless intentional or transmitted by an insect or animal bite.

The various codes for shooting (1111, 1121, 1211 1221, and 1222) include being shot with a bullet or other projectile from a powder-charged gun, such as handgun, shotgun, or rifle. These shooting codes exclude injuries resulting from paintball guns, bows, BB guns, and stun guns, which should be coded based on intention as 1119, 1129, 1219, 1223, or 1229. Nail gun injuries are excluded from the division and coded 6242 unless determined to be intentional.

#### 10 **Violence and other injuries by persons or animals, unspecified**

#### 11\* **Intentional injury by person**

Intentional injuries by person include cases in which the worker was intentionally injured or made ill by another person (111\*) or by oneself (112\*). Harmful actions by another that are unintentional or where the intent is unknown are in major group 12. Also excluded from major group 11 are cases in which the worker was purposely hit, but without malicious intent, such as during police, military, or martial arts training and during sporting events and training, such as boxing and wrestling matches (1212).

Generally, injuries involving the normal worksite tasks and actions of co-workers are considered accidental by default unless information to the contrary is provided. For example, if it is reported that a person was injured when a co-worker dropped a brick on him or her, use code 6232, **Struck by object or equipment dropped by other person**, unless there is information to indicate it was intentional.

#### 110 **Intentional injury by person, unspecified**

\*-Asterisks denote a summary level code not assigned to individual cases.

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This code is used when it is known that the injury was intentional, but it is unknown whether it was self-inflicted or inflicted by another person.

### **111\* Intentional injury by other person**

#### **1110 Intentional injury by other person, unspecified**

#### **1111 Shooting by other person—intentional**

#### **1112 Stabbing, cutting, slashing, piercing**

#### **1113 Hitting, kicking, beating, shoving**

*Includes:* clubbing, bludgeoning, hitting with weapon, fighting, grabbing, grappling, biting, pushing, pinching, squeezing, shoving

#### **1114 Strangulation by other person**

*Includes:* choking with hands or other object

#### **1115 Bombing, arson**

*Includes:* intentionally injuring someone through bombing or arson

*Excludes:* injuries received as a result of a bombing or arson where intent is unknown, such as a firefighter getting hurt trying to extinguish an arson fire (1219)

#### **1116 Rape, sexual assault**

#### **1117 Threat, verbal assault**

#### **1118 Multiple violent acts by other person**

*Includes:* shooting and stabbing when injuries are equally severe

#### **1119 Intentional injury by other person, n.e.c.**

*Includes:* intentional assault by vehicle, thrown object, stun gun, BB gun, nail gun, or bow and arrow

### **112\* Self-inflicted injury—intentional**

This major group includes cases where the worker was hurt by an

\*-Asterisks denote a summary level code not assigned to individual cases.

## EVENT OR EXPOSURE

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intentional, self-inflicted injury. As with codes in 111\*, injuries resulting from the normal worksite tasks and actions of the worker are generally considered accidental unless information to the contrary is provided. For example, if it is simply reported that a worker hit himself in the head with a hammer, cut herself with a knife, or fell down the stairs, it should not be coded in this division. Jumps or falls would not be classified here unless it is reliably documented as a suicide or attempted suicide or other attempt to injure oneself.

Accidental drug overdoses are classified in the appropriate event category under major group 55\*, **Exposure to other harmful substances**, regardless of the type of drug involved. Use codes in group 122\* for cases in which it is uncertain whether the worker intended to injure him or herself such as when the coroner or medical examiner lists the manner of death for a drug overdose as “could not be determined.” Use code 1221 for cases when the worker accidentally shot him or herself.

**1120 Self-inflicted injury—intentional, unspecified**

**1121 Shooting—intentional self-harm**

**1122 Hanging, strangulation, asphyxiation—intentional self-harm**

*Excludes:* intentional inhalation of vehicle exhaust (1126)

**1123 Jumping from building or other structure—intentional self-harm**

*Includes:* jumping into water from bridge—intentional self-harm

**1124 Cutting, stabbing—intentional self-harm**

**1125 Drug overdose—intentional self-harm**

**1126 Inhalation of substance—intentional self-harm**

*Includes:* intentional inhalation of vehicle exhaust

**1129 Self-inflicted injury—intentional, n.e.c.**

*Includes:* intentional self-harm from stun gun, BB gun, nail gun, automobile crash, fire, explosion

**12\* Injury by person—unintentional or intent unknown**

**120 Injury by person—unintentional or intent unknown, unspecified**

\*-Asterisks denote a summary level code not assigned to individual cases.

**121\* Injury by other person—unintentional or intent unknown**

This category includes unintentional shootings by others and unintentional injuries or injuries of unknown intent resulting from direct physical contact with others, or where the contact is a normal part of the job function (such as in boxing). Injuries incurred by contact with a football helmet, boxing glove, shoe, or other apparel worn by the other person are considered to be direct physical contact.

**Shooting by other person—unintentional** (code 1211) includes accidental discharge of a weapon and cases in which a gun was intentionally fired but the worker was not the intended target, such as when a police officer mistakes a fellow officer for a robber. Shootings by robbers and other assailants are generally considered intentional (code 1111). A police officer injured by a stun gun held by someone else during police training would be coded in 1219. Nail gun injuries are coded 6242 unless determined to be intentional.

Injuries resulting from **physical contact** in sporting events or physical training such as police or martial arts training are coded in 1212. Injuries resulting from physical contact with a person while the worker is restraining or subduing another, such as a teacher breaking up a fight, are coded in 1214. Those injuries resulting from physical contact while moving or transporting a person are coded in 1215 if the injury was unintentional or if the intent was unknown. Included in this category are instances in which a health care worker is scratched by a patient either unintentionally or when the intent is unclear. **Overexertion injuries** resulting from lifting or moving a patient or other person are coded in Division 7, **Overexertion and bodily reaction**. Exposures to infectious agents or contagious diseases, unless intentional, are classified in Division 5, **Exposure to harmful substances or environments**.

**1210 Injury by other person—unintentional or intent unknown, unspecified**

**1211 Shooting by other person—unintentional**

*Includes:* struck by stray bullet from target practice; accidental gun discharge from another's weapon; shot as a result of mistaken identity in violent situation; shot by another person thinking the gun was not loaded; struck by friendly fire

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\*-Asterisks denote a summary level code not assigned to individual cases.

**1212 Injured by physical contact with other person in sporting event or physical training**

*Includes:* injuries resulting from physical contact within sporting events or physical training, such as police or martial arts training; boxing; collisions between skiers, skaters, or snowboarders; injuries resulting from physical contact during staged fight

**1213 Injured by physical contact during horseplay**

*Includes:* roughhousing

**1214 Injured by physical contact with person while restraining, subduing—unintentional**

*Excludes:* overexertion injuries while pursuing

**1215 Injured by physical contact with person while moving that person—unintentional**

*Excludes:* overexertion injuries while moving person

**1218 Multiple unintentional injuries by other person**

**1219 Injury by other person—unintentional or intent unknown, n.e.c.**

*Includes:* unintentionally injured by another person using a paintball gun, stun gun, BB gun; injured while fighting an arson fire not intended to harm or of unknown intent

*Excludes:* unintentional nail gun injuries (6242)

**122\* Self-inflicted injury—unintentional or intent unknown**

This section includes unintentional shootings that are self-inflicted, unintentional self-stunning, and self-inflicted injuries of unknown intent. Other instances of unintentionally injuring oneself, such as accidentally hitting oneself with a hammer or cutting oneself with a knife, are excluded from this category. Nail gun injuries are coded 6242 unless determined to be intentional. This category also excludes all instances of intentional injury to oneself (112\*). Accidental overdoses are classified in the

\*-Asterisks denote a summary level code not assigned to individual cases.



## EVENT OR EXPOSURE

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appropriate event category under major group 55\*, **Exposure to other harmful substances.**

**1220 Self-inflicted injury—unintentional or intent unknown, unspecified**

**1221 Self-inflicted shooting—unintentional**

**1222 Self-inflicted shooting—intent unknown**

*Includes:* Russian roulette, unless it is determined that the deceased intended to commit suicide

**1223 Self-tasered—unintentional**

*Includes:* unintentionally injuring oneself from stun guns

**1224 Drug overdose—intent unknown**

**1229 Self-inflicted injury—unintentional or intent unknown, n.e.c.**

*Includes:* self-inflicted unintentional injuries resulting from auto-erotic strangulation, the choking game, or from BB gun

**129 Injury by person—unintentional or intent unknown, n.e.c.**

**13\* Animal and insect related incidents**

Codes in this major group apply when an injury or illness results from animal or insect bites or other acts by animals—kicking, stomping, or scratching—regardless of potential intent. Transportation incidents involving animals (including falls or being thrown from horses being ridden) are included in Division 2. Nonvenomous bites (Events 1312, 1313) include bites from nonvenomous insects and other animals that become infected or result in a disease, such as Lyme disease or West Nile virus.

**130 Animal and insect related incidents, unspecified**

**131\* Bites and stings**

**1310 Bites and stings, unspecified**

**1311 Stings and venomous bites**

\*-Asterisks denote a summary level code not assigned to individual cases.

## EVENT OR EXPOSURE

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*Includes:* stings from bees, wasps, hornets, yellow jackets, sea nettles, jelly fish; spider bites, scorpion bites; fire ant bites or stings; venomous snake bites, including those from rattlesnakes, copperheads, cottonmouths, water moccasins

*Excludes:* nonvenomous insect bites, such as mosquito, tick, and flea bites (1312)

### **1312 Nonvenomous insect bites**

*Includes:* mosquito bites; tick and flea bites; nonvenomous spider bites

### **1313 Other animal bites, nonvenomous**

*Includes:* dog and cat bites; snake bites, except for those listed under venomous bites or otherwise known to be venomous

### **1319 Bites and stings, n.e.c.**

### **132\* Struck by animal**

**1320 Struck by animal, unspecified**

**1321 Trampled by or stepped on by animal**

**1322 Kicked by animal**

**1323 Mauled, clawed, or scratched by animal**

**1324 Gored or rammed by animal**

**1329 Struck by animal, n.e.c.**

### **138\* Multiple types of animal and insect incidents**

**1380 Multiple types of animal and insect incidents, unspecified**

**1381 Bitten and struck by animal**

**1389 Multiple types of animal and insect incidents, n.e.c.**

### **139 Animal and insect related incidents, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.

### 2\* TRANSPORTATION INCIDENTS

This division covers events involving transportation vehicles, animals used for transportation purposes, and powered industrial vehicles or powered mobile industrial equipment in which at least one vehicle (or mobile equipment) is in normal operation and the injury or illness was due to collision or other type of traffic incident; loss of control; or a sudden stop, start, or jolting of a vehicle regardless of the location where the event occurred.

Cases involving pedestrians, roadway workers, or other nonpassengers struck by vehicles, powered industrial equipment, or an object struck by a vehicle or powered equipment are considered transportation incidents when they meet these criteria:

*At least one vehicle was in normal operation as a means of transportation, and*

*The impact was caused by a traffic incident or the motion of the vehicle.*

In general, for a vehicle to be considered under **normal operation**, it must be in use as a means of transportation between locations and an occupant of the vehicle must be operating it. For computer-operated vehicles, such as subways or monorails, an operator is not required for the vehicle to be in normal operation. Incidents resulting solely from the use of machine lifts (such as being struck by a bucket of a loader) when the vehicle is otherwise motionless are excluded. Cases occurring on water vessels are generally included in **Transportation incidents** provided that the vessel is in the water. See the instructions for 25\*, **Water vehicle incident** for further guidelines on coding these incidents.

**Roadways** include that part of the public highway, street, or road normally used for travel as well as the shoulder and surrounding areas, telephone poles, bridge abutments, trees aligning roadway, etc. **Nonroadway** incidents include events that occur entirely off the highway, street, and roadway, such as on industrial, commercial, or farm premises or in parking lots. Incidents that occur partly on a public roadway are considered roadway incidents.

Transportation codes are listed in the **order of precedence** unless otherwise indicated. If more than one event occurred, code the first event listed in the code sequence. The precedence sequence is:

- Aircraft incidents
- Rail vehicle incidents
- Animal and other non-motorized vehicle transportation incidents
- Pedestrian vehicular incidents

\*-Asterisks denote a summary level code not assigned to individual cases.

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- Water vehicle incidents
- Roadway incidents involving motorized land vehicle
- Nonroadway incidents involving motorized land vehicles

The precedence ordering also includes codes within a category. For example, if a roadway collision with another vehicle results in the worker falling from the vehicle, the case is coded as a vehicle collision (Event code 261\* or 271\*). **Transportation incidents** take precedence over all other event codes except **Violence and other injuries by persons or animals (1\*)**.

Events due to a loss of control or a sudden start or stop refer to situations where no collision occurs, such as instances of whiplash caused by sudden stopping (without collision) or being struck by objects that fly forward when the vehicle stops.

**Falls** on or from vehicles are transportation incidents if the vehicle was in normal operation. Falls on boats and ships that are in the water are classified as transportation incidents even if the vessel is anchored and not under normal operation. Falls from other stationary vehicles that are not in normal operation are coded in the falls division. For example, a fall in the cargo bay of an airplane while it is being loaded is not a transportation incident because the plane is not in normal operation.

Crashes that result in a **fire or explosion** are transportation events. Fires that occur on vehicles with no other incident are classified under **Fires and explosions (3\*)**.

Events not involving normal operation of a vehicle or which do not involve traffic incidents, loss of control, or sudden stop or start **are excluded** from Transportation incidents. For example, drivers or passengers hurt by vibration of the vehicle, made ill by carbon monoxide (without other incident), burned by spilling hot drinks without collision, or injured by general operation of vehicle (such as shifting gears) would not be coded in this section because they do not involve traffic incidents, loss of control or sudden stop or start. Instances where the vehicle coasts, rolls, slips into gear, falls off the lift during repair work or while parked do not involve normal operation of the vehicle and therefore are excluded unless that movement was brought about by collision with another vehicle.

Also excluded from transportation incidents are injuries or illnesses associated solely with the use of nontransport components of mobile equipment. For example, being struck by rising forklifts, falling trailer doors, or swinging buckets on a loader are coded in major group 62\*, **Struck by object or equipment** unless the impact was also due to the travel of the vehicle under normal operation. Injuries occurring while standing beside a tractor trying to jumpstart it or while pushing a motorized pallet jack are not considered transportation incidents.

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\*-Asterisks denote a summary level code not assigned to individual cases.

**Transportation vehicles, powered industrial vehicles, powered mobile industrial equipment, and animal-powered transports include:**

- \*\*Highway vehicles, motorized:**  
*Autos, buses, trucks, motorcycles, RVs, etc*
- Air, rail, and water vehicles—powered and nonpowered:*  
*Airplanes, gliders, parachutes; trains, amusement park rail vehicles, computerized airport trams; fishing boats, sailboats, canoes, etc.*
- \*\*Off-road powered vehicles:**  
*ATVs, golf carts, snowmobiles, Segways*
- \*\*Plant and industrial powered vehicles and tractors:**  
*Forklifts, other powered carriers, tractors*
- \*\*Powered mobile construction, logging, and mining equipment:**  
*Loaders, bulldozers, backhoes, mobile cranes, skidders, etc.*
- \*\*Powered mobile agricultural equipment:**  
*Harvesters, combines, mobile planters, etc.*
- Animal and human powered vehicles and animals being ridden:*  
*Police and rodeo horses, horse-drawn wagons, bicycles, etc.*
- \*\*Other powered land vehicles:**  
*Military vehicles, street sweeping and cleaning machinery*

References to “vehicles” in the code titles and descriptions in those sections should be interpreted to include these conveyances. Items listed with \*\* above are considered motorized land vehicles for purposes of coding Events 24\*, 26\*, and 27\*.

**Excluded are:**

*Nonpowered industrial vehicles: Dollies, carts, wheelbarrows*  
*Nonindustrial, nonroadway mobile equipment*  
*Wheelchairs—motorized and nonmotorized, stretchers, wagons*

**20 Transportation incident, unspecified**

**21\* Aircraft incidents**

Incidents involving aircraft which are in use for transport are included in this major group—including while moving on the ground or in the air. Being struck by the propeller blade is also included. The categories are generally listed in order of precedence, so a crash into the ground during takeoff would be coded in 212\* not in 215\*. Codes 211-215 exclude parachuting and hang gliding incidents. Parachuting incidents are coded in 216 and hang gliding incidents in

\*-Asterisks denote a summary level code not assigned to individual cases.

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219. Code a fall on aircraft, 217, only if the vehicle was in normal operation.

**210 Aircraft incident, unspecified**

**211 Pedestrian struck by aircraft or propeller**

**212\* Aircraft crash during takeoff or landing**

*Includes:* crashes while taxiing; crashes with ground vehicles;  
crashes during landings, including emergency landings

*Excludes:* parachuting and hang gliding incidents

**2120 Aircraft crash during takeoff or landing, unspecified**

**2121 Aircraft crash during takeoff or landing—due to mechanical failure**

**2122 Aircraft crash during takeoff or landing—between air vehicles**

**2123 Aircraft crash during takeoff or landing—with ground vehicle**

**2124 Aircraft crash during takeoff or landing—into structure, object, or ground**

*Includes:* crash into ground, mountain, building, trees, power lines, or body of water during takeoff or landing

**2129 Aircraft crash during takeoff or landing, n.e.c.**

**213 Explosion or fire on aircraft**

*Excludes:* explosions and fires resulting from aircraft crashes (212\*, 214, 215\*)

**214 Aircraft crash due to low-altitude entanglement**

Aircraft crashes and other incidents resulting from the aircraft becoming entangled with trees or power lines at low altitude are coded here.

*Includes:* helicopter crash resulting from logs being carried snagging on a tree; plane crash from the banner being towed hitting a crane; crop dusters becoming entangled in power lines

*Excludes:* parachuting incidents (216); aircraft crashes during takeoff or landing (212\*)

**215\* Other in-flight crash**

\*-Asterisks denote a summary level code not assigned to individual cases.

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**2150 Other in-flight crash, unspecified**

**2151 Other in-flight crash due to mechanical failure**

**2152 Other in-flight crash between air vehicles**

**2153 Other in-flight crash into structure, object, or ground**

*Includes:* aircraft crash into ground, mountain, building, trees, bodies of water

*Excludes:* aircraft crashes during takeoff or landing (212\*); aircraft crashes resulting from mechanical failure (2151); aircraft crashes resulting from low-altitude entanglement (214)

**2159 Other in-flight crash, n.e.c.**

**216 Parachuting incident**

*Includes:* failure of parachute to open, striking an object or other person while in the air or upon landing, landing in a lake and drowning

**217 Fall on aircraft during transport**

*Includes:* fall in cabin or cockpit during normal operation regardless of whether the aircraft is in the air or on the ground; falls resulting from turbulence

*Excludes:* falls in cabin or cargo bay while stationary (42\*); falls resulting from a crash

**219 Aircraft incident, n.e.c.**

*Includes:* hang gliding incidents, struck by object on aircraft in normal operation or resulting from turbulence

**22\* Rail vehicle incidents**

A rail vehicle incident is a transportation incident involving at least one rail vehicle that meets the general criteria for normal operation.

**220 Rail vehicle incident, unspecified**

**221\* Collision between rail vehicle and another vehicle**

\*-Asterisks denote a summary level code not assigned to individual cases.

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- 2210 Rail vehicle collision, unspecified**
- 2211 Collision between two rail vehicles**
- 2212 Collision between rail and roadway vehicles**
- 2219 Rail vehicle collision, n.e.c.**

- 222 Derailment**
- 223 Explosion or fire on rail vehicle—transportation incident**
- 224 Fall or jump from and struck by rail vehicle—transportation incident**
- 225 Fall or jump from rail vehicle—transportation incident**

- 226 Fall on rail vehicle—transportation incident**

*Includes:* fall in rail car aisle during normal operation

- 227 Pedestrian struck by rail vehicle—transportation incident**

- 229 Rail vehicle incident, n.e.c.**

*Includes:* rail vehicle collision with objects other than rail vehicles, motor vehicles, or pedestrians; person riding on side of moving rail car or locomotive strikes stationary structure or object

### **23\* Animal and other non-motorized vehicle transportation incidents**

Animal-powered and other non-motorized vehicle transportation incidents include incidents in which the injured worker was using an animal as a source of transportation, including incidents in which an animal is being ridden or used to pull a vehicle. This category excludes incidents in which the animal was neither being ridden nor used to pull a vehicle, such as collisions with deer in the roadway (2621). Incidents involving bicycles and other pedal cycles are also included in this category.

- 230 Animal and other non-motorized vehicle transportation incident, unspecified**

#### **231\* Animal transportation incident**

- 2310 Animal transportation incident, unspecified**
- 2311 Animal transportation collision in roadway**
- 2312 Animal transportation collision in nonroadway area**
- 2313 Thrown, fell, or jumped from animal being ridden**

*Includes:* fall while riding bull during rodeo

\*-Asterisks denote a summary level code not assigned to individual cases.



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- 2314 Thrown, tipped, or fell from animal-drawn vehicle**
- 2315 Animal transportation—struck bump, hole, or other rough terrain**

- 2319 Animal transportation incident, n.e.c.**

*Includes:* pedestrian struck by animal being ridden or used to pull a vehicle

- 232\* Pedal cycle incident**

- 2320 Pedal cycle incident, unspecified**
- 2321 Pedal cycle collision in roadway**
- 2322 Pedal cycle collision in nonroadway area**
- 2323 Fall from pedal cycle**
- 2324 Pedal cycle struck bump, hole, or other rough terrain**
  
- 2329 Pedal cycle incident, n.e.c**

*Includes:* pedestrian struck by pedal cycle

- 239 Animal and other non-motorized vehicle transportation incident, n.e.c.**

- 24\* Pedestrian vehicular incident**

Codes in this group apply to pedestrians and other nonoccupants of vehicles who are struck by vehicles or other mobile equipment in normal operation regardless of location. Pedestrians struck by air, rail, animal, or human powered vehicles are excluded from this group and coded in 21\*-23\*. Major group 24\* also includes pedestrians struck by an object that was impacted by a vehicle, code 249. When a location is listed in the code title, it refers to the location of the pedestrian at the time of the event and not the location of the vehicle. Persons struck as they are getting out of vehicles should be considered outside the vehicle and coded in this section.

Injuries or illnesses associated solely with the use of nontransport components of mobile equipment are not coded here. For example, being struck by rising forklifts, falling trailer doors, or swinging buckets on a loader are coded in group 621\*, **Struck by powered vehicle—nontransport**, unless the impact was also due to the travel of the vehicle under normal operation. Also excluded from this major group are occupants of vehicles injured as a result of the vehicle striking a pedestrian and persons struck by a vehicle after falling from or being ejected from a vehicle. Vehicle occupants injured as a result of striking a pedestrian should be

\*-Asterisks denote a summary level code not assigned to individual cases.

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coded in 2629 or 2729.

Use a code in 241\* if the worker is in a lane blocked off for repair. Use a code in 243\* if the accident occurs on the shoulder or side of road and it is not a construction or other work zone. Codes in 244\* include all areas defined as "nonhighway": industrial, commercial, residential, and farm premises; parking lots; and logging roads. Pedestrians hit by trains or aircraft are classified in 227 and 211, respectively.

*Excludes:* person falling from and struck by vehicle (263\*, 273\*); person struck by vehicle or mobile equipment in nontransport incident (621\*); occupants of vehicle injured as a result of the vehicle hitting a pedestrian; pedestrians struck by air, rail, animal, or human powered vehicles (21\*-23\*)

### **240 Pedestrian vehicular incident, unspecified**

### **241\* Pedestrian struck by vehicle in work zone**

This category includes pedestrians struck in the vicinity of road construction, maintenance, or utility work or within an area marked by signs, barricades, or other devices. This includes construction or maintenance of highway structures such as guardrails or ditches, surveying activity, pavement marking, painting, cleaning, or mowing grass. Workers directing traffic or erecting barricades in the work zone would also be included here.

#### **2410 Pedestrian struck by vehicle in work zone, unspecified**

#### **2411 Pedestrian struck by vehicle propelled by another vehicle in work zone**

#### **2412 Pedestrian struck by forward-moving vehicle in work zone**

#### **2413 Pedestrian struck by vehicle backing up in work zone**

#### **2419 Pedestrian struck by vehicle in work zone, n.e.c.**

### **242\* Pedestrian struck by vehicle in roadway**

#### **2420 Pedestrian struck by vehicle in roadway, unspecified**

#### **2421 Pedestrian struck by vehicle propelled by another vehicle in roadway**

#### **2422 Pedestrian struck by forward-moving vehicle in roadway**

#### **2423 Pedestrian struck by vehicle backing up in roadway**

#### **2429 Pedestrian struck by vehicle in roadway, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.

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### **243\* Pedestrian struck by vehicle on side of road**

**2430 Pedestrian struck by vehicle on side of road, unspecified**

**2431 Pedestrian struck by vehicle propelled by another vehicle on side of road**

**2432 Pedestrian struck by forward-moving vehicle on side of road**

**2433 Pedestrian struck by vehicle backing up on side of road**

**2439 Pedestrian struck by vehicle on side of road, n.e.c.**

### **244\* Pedestrian struck by vehicle in nonroadway area**

**2440 Pedestrian struck by vehicle in nonroadway area, unspecified**

**2441 Pedestrian struck by vehicle propelled by another vehicle in nonroadway area**

**2442 Pedestrian struck by forward-moving vehicle in nonroadway area**

**2443 Pedestrian struck by vehicle backing up in nonroadway area**

**2449 Pedestrian struck by vehicle in nonroadway area, n.e.c.**

### **249 Pedestrian vehicular incident, n.e.c.**

*Includes:* pedestrian struck by an object impacted by a vehicle

### **25\* Water vehicle incidents**

All incidents involving water vehicle collisions, sinkings, capsizing; explosions or fires on such vehicles (including localized fires and explosions occurring on the vessel); machinery accidents; and falls on such vehicles are coded in this major group. Exceptions are incidents involving out-of-water or dry-docked water vehicles. Falls on ships and boats in the water but not in forward motion (such as at a dock or anchored) are included in this section of transport incidents since water vehicles are subject to motion at all times. Water vehicle incidents exclude injuries to swimmers or divers who voluntarily jump from a water vessel not involved in a transportation incident.

**250 Water vehicle incident, unspecified**

**251 Water vehicle or propeller struck person**

**252\* Water vehicle collisions**

**2520 Water vehicle collision, unspecified**

**2521 Collision between water vehicles**

**2522 Collision between water vehicle and object**

**2529 Water vehicle collision, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.

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**253 Explosion or fire on water vehicle**

*Includes:* machinery fire on water vehicle

**254 Capsized or sinking water vehicle**

**255 Fall or jump and struck by water vehicle**

**256 Fall or jump from water vehicle**

*Excludes:* being struck by water vehicle after falling or jumping from vehicle (255); jump due to explosion, fire (253)

**257 Machinery or equipment incident on water vehicle**

*Includes:* being caught in a conveyer or winch on a fishing vessel

*Excludes:* machinery fire on water vehicle (253)

**258 Fall on water vehicle**

**259 Water vehicle incident, n.e.c.**

*Includes:* struck by object other than machinery or equipment on water vehicle in normal operation

**26\* Roadway incidents involving motorized land vehicle**

Roadway incidents include injuries to vehicle occupants occurring on that part of the public highway, street, or road normally used for travel as well as the shoulder and surrounding areas, telephone poles, bridge abutments, trees aligning roadway, etc. Incidents occurring entirely off the highway, street, or road; on industrial, commercial, or farm premises; or in parking lots are considered to be nonroadway incidents. Incidents that occur partly on a public roadway are considered roadway incidents. For example, if a passenger in a vehicle driven on a public street is injured when the vehicle runs off the roadway and crashes into a storefront, the event is considered a roadway incident.

If more than one of the events in this major group occurred, code the first event listed in the code sequence. For example, if a car driven by the injured person collided with an oncoming vehicle then hit a pole on the side of the road, code the collision with the oncoming vehicle as the event.

If available information does not indicate whether the incident occurred on a roadway or not, assume the incident was roadway and code as such. For example, if the incident is merely described as a “motor vehicle accident (MVA)” and there

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is no indication that the incident occurred in a parking lot or on private property, code the event 260, **Roadway incident involving motorized land vehicle, unspecified**. The interchange between a roadway and any nonroadway location (such as a parking lot) is always considered a roadway intersection.

Motorcycle overturns in noncollision transportation incident in normal operation are considered 2631 or 2731 (**Jack-knifed or overturned**) depending on whether or not the incident occurred on a roadway.

For vehicles or mobile equipment running off the roadway or driving surface in noncollision incidents, such as a truck falling off a bridge or tractor falling into a pond, use codes 2632, **Ran off roadway**, or 2732, **Ran off driving surface, nonroadway**. If the vehicle also overturned, the codes should be 2631 or 2731, **Jack-knifed or overturned**. If information states that the vehicle ran off the road and struck a ditch or ran into a body of water, code as 2632, **Ran off roadway**. If a worker is rubbed, abraded or jarred when operating a vehicle due to the vibration, use code 671. If injured from prolonged sitting in a vehicle, code as 7332.

### **260 Roadway incident involving motorized land vehicle, unspecified**

*Includes:* motor vehicle incident, unspecified; MVA, unspecified

### **261\* Roadway collision with other vehicle**

Collisions between vehicles moving in the same direction include front-to-rear collisions and side-by-side (sideswipe) collisions. Opposite directions collisions are front-to-front or head-on. Perpendicular angle front-to-side includes broadside or t-bone collisions.

#### **2610 Roadway collision with other vehicle, unspecified**

#### **2611 Roadway collision—moving in same direction**

#### **2612 Roadway collision—moving in opposite directions, oncoming**

#### **2613 Roadway collision—moving perpendicularly**

*Includes:* broadside collision, t-bone collision, angle front-to-side collision, front of one car hit side of another

#### **2614 Roadway collision—moving and standing vehicle in roadway**

#### **2615 Roadway collision—moving and standing vehicle on side of roadway**

#### **2619 Roadway collision with other vehicle, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.

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### 262\* Roadway collision with object other than vehicle

**2620 Roadway collision with object other than vehicle, unspecified**

**2621 Vehicle struck object or animal in roadway**

*Includes:* deer or other animal striking vehicle in roadway

**2622 Vehicle struck object or animal on side of roadway**

*Includes:* deer or other animal striking vehicle on side of roadway

*Excludes:* ran off highway and struck a ditch but no other object (2632)

**2623 Vehicle struck by falling or flying object—roadway**

*Includes:* struck by falling trees, flying rocks, objects falling or flying off other vehicles

**2629 Roadway collision with object other than vehicle, n.e.c.**

### 263\* Roadway noncollision incident

Codes in this event group apply to cases in which the injured person was an occupant of a vehicle that was involved in a *noncollision roadway incident*. These are incidents in which the vehicle that the injured person occupied did not make contact with a vehicle or object other than the road or driving surface.

If more than one event in this event group occurred, code the first event listed in the code sequence. For example, use code 2631, **Jack-knifed or overturned, roadway** if a vehicle overturned, even if the vehicle ran off the roadway.

Event Code 2632, **Ran off roadway**, should be used when the vehicle occupied by the injured person was out of control and ran off the roadway and did not overturn or collide with any object or vehicle. If the vehicle hits another vehicle or object, select a code in 261\* or 262\*. If information states that the vehicle ran off the road and drove into a ditch or into a body of water, code as 2632, **Ran off roadway**.

Event Code 2633, **Struck by shifting load during transport, roadway**, should be used when collision is not involved and the movement of the

\*-Asterisks denote a summary level code not assigned to individual cases.

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vehicle results in the occupant being struck by a shifting or falling load. In the event that the vehicle was involved in a sudden stop or start *and* the injured person was struck by a shifting load, use the first event listed in the code sequence, 2633.

Event Code 2637, **Sudden start or stop, roadway**, should be used when *collision is not involved* and the injury resulted from the vehicle stopping or starting suddenly, such as the driver striking the steering wheel or incurring a whiplash injury when stopping suddenly for a stalled vehicle. This code excludes incidents in which the worker was injured by a shifting load (2633) or from a fall from moving vehicle (2634-2636) due to a sudden start or stop.

Injuries incurred solely by the jolting of the vehicle when hitting a defect or small obstruction in the roadway such as a pothole, or riding over a raised piece of concrete roadway are classified as 2638, **Struck bump, hole, or rough terrain in road surface**.

Falls from moving vehicles are coded in 2634, 2635, or 2636 depending on whether the worker was struck by a vehicle after falling.

Injuries or illnesses resulting from relatively routine movement of the vehicle are not included in noncollision incidents. For example, a driver may sustain a back injury or illness resulting from prolonged vibration involved in operating the vehicle. These types of cases would be coded in Division 6, **Contact with objects or equipment**.

- 2630 Roadway noncollision incident, unspecified**
- 2631 Jack-knifed or overturned, roadway**
- 2632 Ran off roadway**
- 2633 Struck by shifting load during transport, roadway**
- 2634 Fall or jump from and struck by same vehicle in normal operation, roadway**
- 2635 Fall or jump from and struck by another vehicle in normal operation, roadway**
- 2636 Fall or jump from vehicle in normal operation, roadway**
- 2637 Sudden start or stop, roadway**
- 2638 Struck bump, hole, or rough terrain in road surface**
  
- 2639 Roadway noncollision incident, n.e.c.**

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\*-Asterisks denote a summary level code not assigned to individual cases.

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*Includes:* vehicle swept off roadway by flood waters; fire or explosion on vehicle during normal operation without collision—roadway

### **269 Roadway incident involving motorized land vehicle, n.e.c.**

### **27\* Nonroadway incidents involving motorized land vehicles**

This category closely mirrors the coding scheme for roadway incidents, but includes only those instances that occur entirely off of a public roadway, such as in a field, factory, or parking lot. Incidents that occur partly on a public roadway are considered roadway incidents. For example, if a passenger in a vehicle driven on a public street is injured when the vehicle runs off the roadway and crashes into a storefront, the event is considered a roadway incident.

### **270 Nonroadway incident involving motorized land vehicle, unspecified**

### **271\* Nonroadway collision with other vehicle**

#### **2710 Nonroadway collision with other vehicle, unspecified**

#### **2711 Moving in same direction, nonroadway**

#### **2712 Moving in opposite directions, oncoming, nonroadway**

#### **2713 Collision between a moving and standing vehicle, nonroadway**

#### **2719 Nonroadway collision with other vehicle, n.e.c.**

### **272\* Nonroadway collisions with object other than vehicle**

Use code 2721 if the vehicle operator or passenger had a body part(s) outside of the vehicle when the part was injured.

#### **2720 Nonroadway collision with object other than vehicle, unspecified**

#### **2721 Part of occupant's body caught between vehicle and other object in nonroadway transport incident**

#### **2729 Nonroadway collision with object other than vehicle, n.e.c.**

*Includes:* nonroadway collision with animal

### **273\* Nonroadway noncollision incident**

#### **2730 Nonroadway noncollision incident, unspecified**

#### **2731 Jack-knifed or overturned, nonroadway**

#### **2732 Ran off driving surface, nonroadway**

#### **2733 Struck by shifting load during transport, nonroadway**

\*-Asterisks denote a summary level code not assigned to individual cases.



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- 2734** Fall or jump from and struck by same vehicle in normal operation, nonroadway
- 2735** Fall or jump from and struck by another vehicle in normal operation, nonroadway
- 2736** Fall or jump from vehicle in normal operation, nonroadway
- 2737** Sudden start or stop, nonroadway
- 2738** Struck bump, hole, rough terrain on driving surface, nonroadway
  
- 2739** Nonroadway noncollision incident, n.e.c.
  - Includes:* fire or explosion on vehicle during normal operation without collision in a nonroadway area
  
- 279** Nonroadway incident involving motorized land vehicle, n.e.c.
  - Includes:* vehicles swept away by flood waters—nonroadway
  
- 29** Transportation incident, n.e.c.

\*-Asterisks denote a summary level code not assigned to individual cases.

### 3\* FIRES AND EXPLOSIONS

Codes in this division apply to cases in which the injury or illness resulted from an explosion or fire. Included are cases in which the person fell or jumped from a burning building, inhaled a harmful substance, or was struck by or struck against an object as a result of an explosion or fire. This division also includes incidents in which the worker was injured due to being trapped in a fire or whose respirator had run out of oxygen during a fire.

Excluded from this category are fires and explosions resulting from transportation incidents (Division 2) and those that are set for the purpose of injuring someone (Division 1). Injuries to firefighters resulting from arson fires intended to harm, from lifting fire hoses, and from falls not related to the fire or explosion itself, such as falls in the parking lot of a burning building, are also excluded from this category.

Injuries resulting from direct contact with a flame from a controlled heat source, such as from stove tops, ovens, burners, and grills are excluded from this category and coded in 533, **Contact with hot objects or substances**, unless the fire becomes out of control. Small scale fires are those which burn in an isolated location but do not spread to consume a building. Examples include fires in trash cans, frayed wires, cooking fires, and curtains that catch fire. Arc flashes (or burns from electrical arc flashes) are typically found in event 511\*, **Direct exposure to electricity**. However, injuries resulting from a building fire that resulted from an arc flash would be coded in major group 31\*, **Fires**. **Demolition or blasting explosion** (code 324) includes detonations used to implode buildings or blast mines and quarries with dynamite. Mining explosions from gases or vapors belong in 322.

For fires and explosions occurring in a single event, code the one that happened first. If the first event is unknown, defer to fires.

#### 30 Fire or explosion, unspecified

Use only if event does not specify fire or explosion.

#### 31\* Fires

Codes in this major group apply to cases in which the injury or illness resulted from a fire or exposure to a fire, such as in a burning building. Injuries resulting from an explosion that was precipitated by a fire are coded as fires. Injuries resulting from a building collapse after the fire has been extinguished are classified in structure collapse (65\*). Unintentional fires are coded here. If it is known that the fire was started explicitly to harm someone, it should be coded in

\*-Asterisks denote a summary level code not assigned to individual cases.

## EVENT OR EXPOSURE

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**Intentional injury by other person**, more specifically **1115, Bombing, arson**. Contact with a controlled heat source such as a flame from a stove is coded in **533, Contact with hot objects or substances**, unless the person's clothes catch fire (314).

**310 Fire, unspecified**

**311 Collapsing building, structure, or structural element during fire**

**312 Other structural fire without collapse**

**313 Vehicle or machinery fire**

*Includes:* fire-related injuries to emergency personnel responding to vehicle fire after transportation incident occurred

*Excludes:* fires on vehicles during normal transport operation (2639 or 2739)

**314 Ignition of clothing from controlled heat source**

**315 Small-scale (limited) fire**

**316 Forest or brush fire**

**317 Ignition of vapors, gases, or liquids**

**319 Nonstructural fire, n.e.c.**

**32\* Explosions**

Codes in this major group apply to cases in which the injury or illness resulted from an explosion. An explosion is a *rapid expansion, outbreak, bursting, or upheaval*. Codes in this major group apply to large explosions (tank cars) and small explosions (bottles, aerosol cans). They apply to unintentional and intentionally-set explosions, such as injuries resulting from exploding fireworks or from exploding ordnance during military training, unless the intent was to harm. Injuries resulting from a fire that was precipitated by an explosion are coded as explosions. Bombings that were set to intentionally injure are included in Division 1, **Violence and other injuries by persons or animals**.

**Explosion of pressure vessel, piping or tire** includes explosions of aerosol cans and automobile tires. Incidents in which a nonpressurized container, such as a gasoline tank, explodes are coded in 322.

**320 Explosion, unspecified**

**321 Dust explosion**

**322 Explosion of nonpressurized vapors, gases, or liquids**

**323 Explosion of pressure vessel, piping, or tire**

\*-Asterisks denote a summary level code not assigned to individual cases.

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**324 Demolition or blasting explosion**

*Includes:* intentional implosions in demolition, mining, quarrying

**329 Explosion, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.

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### 4\* FALLS, SLIPS, TRIPS

**Falls, slips, trips** include falls on the same level, falls and jumps to lower levels, falls and jumps that were curtailed by a personal arrest device, and slips and trips that do not result in a fall. The division also includes other nontransport-related falls resulting in drowning or other nonimpact injuries.

The order of precedence is reflected in the order of codes. Falls while on a vehicle in normal operation are considered **Transportation incidents** (Division 2); parachute jumps are also considered transportation incidents. Falls from vehicles that are not in normal transport operation are coded under **Falls, slips, trips**. Falls from a seated position are **Fall on same level**, while falls that occur while the worker is standing on a chair are considered **Fall to lower level**. Falls through a non-structural surface, such as ice, are to be listed in **Fall through surface**.

Slips or trips without falling are included in the **Falls, slips, trips** division. A trip is differentiated from a slip by the existence of a foreign object over which the injured worker stumbled. Slips are generally on flat, smooth, or slippery surfaces; trips occur when the injured worker makes contact with an uneven surface or an obstruction, such as a curb or box.

**Fall to lower level** applies to instances in which the injury was produced by impact between the injured person and another surface of lower elevation, the motion producing the contact being that of the person, under the following circumstances:

*-the motion of the person and the force of impact were generated by gravity, and*

*-the point of contact with the source of injury was lower than the surface supporting the person at the inception of the fall.*

Cases in which the worker was injured while stepping to a lower level (such as, off a ladder, out of a vehicle, or off a curb) and there is no indication of forcible contact from a fall (such as a fracture or a bruise) or other incident, (such as falling into a body of water or falling against a hot stove) should be coded in 73\*, **Other exertions or bodily reactions**. Injuries sustained as a result of the employee jumping from an elevation should be coded in major group 44\*, **Jumps to lower level**.

Falls through an opening in the floor that already existed (such as an attic trap door opening) or through a work surface are coded as 432\*, **Fall through surface or existing opening**. If a floor surface or structure collapses causing the worker to fall or jump, the fall is coded as 431\* or 441\*.

Falls from ground level to lower level, such as storm drains or sewers, are included in

\*-Asterisks denote a summary level code not assigned to individual cases.

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433\*, **Other fall to lower level.**

**40 Fall, slip, trip, unspecified**

**41\* Slip or trip without fall**

Injuries that occur when a person catches himself or herself from falling due to a slip or trip are coded here. Slips and trips resulting in falls are coded in 42\* or 43\*.

**410 Slip or trip without fall, unspecified**

**411\* Slip without fall**

**4110 Slip without fall, unspecified**

**4111 Slip on substance without fall**

**4112 Slip on vehicle without fall—nontransport**

**4119 Slip without fall, n.e.c.**

*Includes:* slip due to loss of balance

**412\* Trip without fall**

**4120 Trip without fall, unspecified**

**4121 Trip from stepping into a hole without fall**

**4122 Trip on uneven surface without fall**

**4123 Trip over an object without fall**

**4124 Trip on vehicle without fall—nontransport**

**4125 Trip over self without fall**

**4129 Trip without fall, n.e.c.**

*Includes:* trip due to loss of balance, not otherwise specified

**419 Slip or trip without fall, n.e.c.**

**42\* Falls on same level**

**Fall on same level** applies to instances in which the injury was produced by impact between the injured person and another surface without elevation, the motion producing the contact being that of the person, under the following circumstances:

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\*-Asterisks denote a summary level code not assigned to individual cases.

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*-the motion of the person was generated by gravity following the individual's loss of equilibrium (the person was unable to maintain an upright position) and,*

*-the point of contact with the source of injury was at the same level or above the surface supporting the person at the inception of the fall.*

Nonfatal falls are coded here if there is no indication that the worker was at an elevation at the inception of the fall.

*Includes:* falling over curbs, falls "on" or "up" stairs; fall from chair while sitting

*Excludes:* trips and slips without falls (41\*); falls down stairs (433\*); falls while standing on chairs (433\*)

### **420 Fall on same level, unspecified**

### **421\* Fall on same level due to tripping**

*Includes:* fall on same level due to tripping over a box or tripping over oneself

### **4210 Fall on same level due to tripping, unspecified**

*Includes:* falls "on" stairs when it is unclear whether worker was climbing or descending stairs

### **4211 Fall on same level due to tripping while climbing stairs, steps, or curbs**

### **4212 Fall on same level due to tripping on uneven surface**

### **4213 Fall on same level due to tripping over an object**

### **4214 Fall on same level due to tripping over self**

### **4219 Fall on same level due to tripping, n.e.c.**

*Includes:* falls "on" stairs while descending

### **422 Fall on same level due to slipping**

### **423 Fall while sitting**

### **424 Fall onto or against object on same level, n.e.c.**

*Includes:* fall against a standing object, such as a banister

### **429 Fall on same level, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.

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*Includes:* fall due to loss of balance, not otherwise specified

### **43\*** Falls to lower level

**Fall to lower level** applies to instances in which the injury was produced by impact between the injured person and the source of injury, the motion producing the contact being that of the person, under the following circumstances:

*-the motion of the person and the force of impact were generated by gravity, and*

*-the point of contact with the source of injury was lower than the surface supporting the person at the inception of the fall.*

Cases in which the worker was injured while stepping to a lower level (such as, off a ladder, out of a vehicle, or off a curb) and there is no indication of forcible contact from a fall (such as a fracture or a bruise) or other incident, should be coded in Division 7.

Falls from ground level to a lower level, such as into storm drains or sewers, are coded here. Falls into swimming pools or other bodies of water are also included here unless transportation related. Jumps that result in a fall to a lower level are coded in 44\*.

Most one-story falls will be coded as falls from 11 to 15 feet; most two-story falls will be coded as falls from 21 to 25 feet. Distances should be rounded to the nearest foot.

### **430** Fall to lower level, unspecified

### **431\*** Fall from collapsing structure or equipment

Use this category to code falls from structure or equipment whose integrity fails causing it to collapse.

*Includes:* falls from collapsing building or from scaffolding; staging breakdown

*Excludes:* fall through existing surface such as skylight (432\*); fall through weak spot on work surface (432\*); injuries resulting from being struck or caught in collapsing structure or equipment (65\*)

### **4310** Fall from collapsing structure or equipment, unspecified

### **4311** Fall from collapsing structure or equipment less than 6 feet

\*-Asterisks denote a summary level code not assigned to individual cases.



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- 4312 Fall from collapsing structure or equipment 6 to 10 feet**
- 4313 Fall from collapsing structure or equipment 11 to 15 feet**
- 4314 Fall from collapsing structure or equipment 16 to 20 feet**
- 4315 Fall from collapsing structure or equipment 21 to 25 feet**
- 4316 Fall from collapsing structure or equipment 26 to 30 feet**
- 4317 Fall from collapsing structure or equipment more than 30 feet**

### **432\* Fall through surface or existing opening**

This category is for falls through surfaces on an otherwise intact structure or machine. It also includes falls through existing surfaces such as skylights and roofs, down elevator shafts and other existing openings, and surfaces whose integrity fails due to rotten or weak flooring or ice or snow buildup.

- 4320 Fall through surface or existing opening, unspecified**
- 4321 Fall through surface or existing opening less than 6 feet**
- 4322 Fall through surface or existing opening 6 to 10 feet**
- 4323 Fall through surface or existing opening 11 to 15 feet**
- 4324 Fall through surface or existing opening 16 to 20 feet**
- 4325 Fall through surface or existing opening 21 to 25 feet**
- 4326 Fall through surface or existing opening 26 to 30 feet**
- 4327 Fall through surface or existing opening more than 30 feet**

### **433\* Other fall to lower level**

This category includes all falls to lower level other than falls from collapsing structure or equipment or falls through surface. It excludes jumps to lower levels and falls curtailed by fall arrest systems that produce an injury. Examples of falls included in this category are falls from ladders, roofs, scaffolds, structural steel, trees, nonmoving vehicles, and falls down stairs, unless the structure or equipment collapsed or the worker fell through the surface or an existing opening of the structure. Falls into swimming pools or other bodies of water are also included here unless resulting from a transportation incident.

- 4330 Other fall to lower level, unspecified**
- 4331 Other fall to lower level less than 6 feet**
- 4332 Other fall to lower level 6 to 10 feet**
- 4333 Other fall to lower level 11 to 15 feet**
- 4334 Other fall to lower level 16 to 20 feet**
- 4335 Other fall to lower level 21 to 25 feet**
- 4336 Other fall to lower level 26 to 30 feet**

\*-Asterisks denote a summary level code not assigned to individual cases.

**4337 Other fall to lower level more than 30 feet**

**44\* Jumps to lower level**

This major event group should be used for impact injuries sustained as a result of the employee jumping from an elevation. Jumps are differentiated from falls by the fact that they are voluntary even if the worker jumped to avoid an uncontrolled fall. Jumps that result in a fall are included in this group. Injuries resulting from jumps made to escape a burning building are coded in Division 3, **Fires and explosions**. Jumps made for the purpose of intentional self-harm are coded in category 1123, **Self-inflicted injuries—intentional**. Injuries and illnesses resulting from bodily reaction while jumping up and down on the same level or jumping over an object are included in group 73\*, **Other exertions or bodily reactions**. Incidents involving parachuting are included in 216, **Parachuting incident**.

**440 Jump to lower level, unspecified**

**441\* Jump from collapsing structure or equipment**

Use this category to code jumps from structures or equipment whose integrity fails causing it to collapse.

*Includes:* jumps from collapsing building or from scaffolding;  
staging breakdown

*Excludes:* jump through existing surface such as skylight (442\*);  
jump through weak spot on work surface (442\*)

**4410 Jump from collapsing structure or equipment, unspecified**

**4411 Jump from collapsing structure or equipment less than 6 feet**

**4412 Jump from collapsing structure or equipment 6 to 10 feet**

**4413 Jump from collapsing structure or equipment 11 to 15 feet**

**4414 Jump from collapsing structure or equipment 16 to 20 feet**

**4415 Jump from collapsing structure or equipment 21 to 25 feet**

**4416 Jump from collapsing structure or equipment 26 to 30 feet**

**4417 Jump from collapsing structure or equipment more than 30 feet**

**442\* Other jump to lower level**

*Includes:* jump through existing surface such as skylight; jump through weak spot on work surface; jump from a truck or other vehicle in a nontransport incident

\*-Asterisks denote a summary level code not assigned to individual cases.

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*Excludes:* parachute jumps from aircraft (216); jumps from collapsing structures or equipment (441\*)

- 4420 Other jump to lower level, unspecified**
- 4421 Other jump to lower level less than 6 feet**
- 4422 Other jump to lower level 6 to 10 feet**
- 4423 Other jump to lower level 11 to 15 feet**
- 4424 Other jump to lower level 16 to 20 feet**
- 4425 Other jump to lower level 21 to 25 feet**
- 4426 Other jump to lower level 26 to 30 feet**
- 4427 Other jump to lower level more than 30 feet**

### **45 Fall or jump curtailed by personal fall arrest system**

Use this category if the injured worker fell or jumped some distance but did not make contact with a ground surface due to a personal fall arrest system and still sustained injuries.

*Includes:* fall or jump curtailed by lifeline or body harness

### **49 Fall, slip, trip, n.e.c.**

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\*-Asterisks denote a summary level code not assigned to individual cases.

### 5\* EXPOSURE TO HARMFUL SUBSTANCES OR ENVIRONMENTS

Codes in this division apply to cases in which the injury or illness resulted from a condition or substance in the work environment. Excluded from this category are exposures resulting from violence and other injuries by persons or animals, transportation incidents, and fires and explosions.

#### 50 Exposure to harmful substances or environments, unspecified

#### 51\* Exposure to electricity

This code applies only to cases in which the injury or illness resulted from *contact with electricity, including lightning*. Cases of electric shock and electrocution are classified here. Contact may be made directly from the power source to the person, such as touching a live wire or being struck by an electrical arc. Items that are intentionally electrified, such as electric fences, should be considered direct exposure to electricity (511\*). Arc flashes (or burns from electrical arc flashes) are included here (511\*). Contact may also happen indirectly, such as when a conductive material touches a source of electricity. Indirect exposure includes when a pipe being held contacts a power line, when a crane touches a power line, or when electricity is transmitted to an injured worker through a wet surface. Indirect exposure typically occurs when an object in unintentionally electrified. When sufficient information is not available to determine if the event involved direct or indirect exposure to electricity, the event should be coded as **511\*, Direct exposure to electricity**.

In general, household voltage should be at the 220 volts or less categories (5111 and 5121), while power lines and some industrial transformers operate at greater than 220 volts (5112 and 5122). When uncertain as to the voltage, assume household voltage to be 220 or less, and overhead wire voltage to be greater than 220.

In instances where an electric shock initiates a chain of events which results in an impact injury, the appropriate impact event code should be selected. For example, if an electric shock knocks a worker from a ladder fracturing his leg, the event should be coded in Division 4, **Falls, slips, trips**.

#### 510 Exposure to electricity, unspecified

#### 511\* Direct exposure to electricity

*Includes:* arc flashes, direct contact with power lines, electric fences

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\*-Asterisks denote a summary level code not assigned to individual cases.

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- 5110 Direct exposure to electricity, unspecified**
- 5111 Direct exposure to electricity, 220 volts or less**
- 5112 Direct exposure to electricity, greater than 220 volts**

### **512\* Indirect exposure to electricity**

#### **5120 Indirect exposure to electricity, unspecified**

*Includes:* contact with electrified piping or with machinery or equipment that touches live power lines; electric shock from standing in water

- 5121 Indirect exposure to electricity, 220 volts or less**
- 5122 Indirect exposure to electricity, greater than 220 volts**

### **52\* Exposure to radiation and noise**

#### **520 Exposure to radiation and noise, unspecified**

#### **521\* Exposure to light and other radiation**

Exposure to light and other radiation applies to cases in which the injury or illness resulted from *exposure to any type of radiation* either ionizing or non-ionizing. **Exposure to light** (code 5211) includes exposures from various types of light: ultraviolet and visible, laser light, infrared light, sunlight, and welding flash. Included in this code are flash burns from viewing ultraviolet (UV) light, sunburn and sun poisoning, and eye injuries from laser beams or electrical sparks. **Exposure to other radiation** (code 5212) includes exposures to microwaves and radio waves, radars, and other power frequencies.

Radiant heat burns are classified in 533, **Contact with hot objects or substances**, and sunstroke and other heat-related incidents are classified in 531, **Exposure to environmental heat**.

#### **5210 Exposure to light and other radiation, unspecified**

#### **5211 Exposure to light**

*Includes:* exposure to welding flash, sun, ultraviolet, infrared, laser light

*Excludes:* exposure to environmental heat (531)

\*-Asterisks denote a summary level code not assigned to individual cases.

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### **5212 Exposure to other radiation**

*Includes:* exposures to microwaves and radio waves, radars, and other power frequencies

### **522\* Exposure to noise**

Codes in this event group apply only to non-impact cases in which the injury or illness resulted from exposure to noise. Hearing impairments resulting from *exposure to a single loud noise (with the exception of explosions) or to prolonged noise* are classified here. Use code 5222 if the exposure was prolonged but was limited to a single shift. Use code 5223 for repeated exposures to noise over one or more days.

If an explosion resulted in a hearing loss or impairment, select a code from major group 32\*, **Explosion**.

**5220 Exposure to noise, unspecified**

**5221 Single, brief exposure to noise**

**5222 Single, prolonged exposure to noise**

**5223 Repeated exposure to noise**

**5229 Exposure to noise, n.e.c.**

### **53\* Exposure to temperature extremes**

Contact with temperature extremes applies to cases in which the injury or illness resulted from exposure to general heat or cold in the environment (531 or 532) or from contact with hot or cold objects or substances (533 or 534). Environmental injuries or illness in this major group include: heat exhaustion, heat stroke, freezing, frostbite, or hypothermia. Contact with hot objects or substances include contact with heat sources such as stoves, welding torches, or heated fluids; contact with fire and flames from stoves, campfires, torches, cigarettes, furnaces, etc.; and radiant heat emitted from such sources. Contact with cold objects includes contact with dry ice, freezer surfaces, liquid nitrogen, etc. Contact with objects that are cold because it is cold outside, such as outside metal signs, light poles, etc, are classified in 534.

Cases of burns from exposure to the sun's rays or other radiations are included in event group 521\*, **Exposure to light and other radiation**. Cases of chemical burns are included in major group 55\*, **Exposure to other harmful substances**.

Burns resulting from intentional assaults are classified in Division 1, and burns resulting from transportation incidents are coded in Division 2. If burns result

\*-Asterisks denote a summary level code not assigned to individual cases.

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from an explosion or from an uncontrolled or unintended fire that did not involve a transportation incident, the event should be coded in Division 3. Uncontrolled or unintended fires include building fires and accidental ignition of objects or substances, for example, trash cans, furniture, cooking oil, frying fat, or grease.

**530 Exposure to temperature extremes, unspecified**

**531 Exposure to environmental heat**

**532 Exposure to environmental cold**

**533 Contact with hot objects or substances**

**534 Contact with cold objects or substances**

### **54\* Exposure to air and water pressure change**

Use major group 54\*, **Exposure to air and water pressure change**, for instances of deep-sea diving (541), aircraft decompression (542), or changes in aircraft altitude (542). Cases in which the injury resulted from being struck by pressurized air being discharged from a hose or compressor are classified in code 6242, **Struck by discharged object or substance**.

**540 Exposure to air and water pressure change, unspecified**

**541 Exposure to change in water pressure**

**542 Exposure to change in air pressure**

### **55\* Exposure to other harmful substances**

This category applies to cases in which the injury or illness resulted from the inhalation, absorption (skin contact), injection or needlestick, or ingestion (swallowing) of harmful substances. Codes in this major group should be used for instances of poisoning, allergic reactions, contagious and infectious diseases, and drug overdoses. The major group excludes medical complications and sequelae of the initial injury, such as exposures to bacteria causing a cut or laceration to become infected.

*Includes:* exposure to caustic, noxious, allergenic substances, drugs, infectious agents

*Excludes:* injuries due to violence (Division 1); suicide or attempted suicide (112\*); exposures resulting from animal or insect bites or stings (131\*)

**550 Exposure to other harmful substances, unspecified**

**551 Nonmedical use of drugs or alcohol—unintentional overdose**

\*-Asterisks denote a summary level code not assigned to individual cases.

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*Excludes:* accidental exposures to drugs, such as during manufacture, dispensing, or administration of a drug (552\*-559); drugs taken in therapeutic use (552\*-559); vaccines (552\*, 553, 5542); suicides and other purposeful injuries resulting from drugs (Division 1); drug overdoses in which the manner of death was undetermined (self-inflicted injury—unintentional or intent unknown) (1224)

### **552\* Inhalation of harmful substance**

**5520 Inhalation of harmful substance, unspecified**

**5521 Inhalation of harmful substance—single episode**

**5522 Inhalation of harmful substance—multiple episodes**

### **553 Ingestion of harmful substance**

### **554\* Exposure to harmful substance through skin, eyes, or other exposed tissue**

Codes in this event group apply when the injury or illness was produced by poisons, infectious agents, or other harmful substance that were transmitted by absorption or piercing of the skin. Contacts with hot or code objects are classified in 53\* **Exposure to temperature extremes**.

Code 5541 only includes needlesticks that were unintentional and either transmitted an infectious agent or generated a reaction to the drug injected. When the cut or puncture wound is the most severe injury or illness resulting from a needlestick, (that is, when the nature is coded as some sort of open wound), then use the appropriate event category in Division 6, **Contact with objects and equipment**. Diseases resulting from contacts with other infectious sharps, such as scalpels or tubing are also classified in 5541. This code does not include needlesticks or sharp injuries without exposure to harmful substance. These should be coded as either needlestick without exposure to harmful substance (61) or injured by breaking object in hand (6251). Reactions to medicines and vaccines given intravenously are coded in 5542 unless the intention was for recreational use of the drug (551) or for self-harm (112\*). Fatal drug overdoses in which the manner of death was undetermined, that is, the certifier was not able to determine whether the death was accidental or suicidal, are coded in 1224.

Codes 5543 and 5544 include blood or body fluid splash depending on whether the skin was intact. Exposures to chemicals that result in

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\*-Asterisks denote a summary level code not assigned to individual cases.



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dermatitis or chemical burns are coded 5544. Use code 5544 for instances in which there was skin absorption, but the condition of the skin was unknown.

Venomous bites and stings are classified in 1311, and nonvenomous bites that transmit a disease, such as Lyme disease, West Nile virus, scabies or rabies, are coded in 1312 or 1313.

**5540 Exposure to harmful substance through skin, eyes, or other exposed tissue, unspecified**

**5541 Exposure through unintentional needlestick or sharp injury**

*Includes:* hepatitis exposure from glass breaking

**5542 Exposure through medical injection**

*Includes:* exposure from vaccines given through injection

**5543 Exposure through scratch or other open wound**

**5544 Exposure through intact skin, eyes, or other exposed tissue**

*Includes:* exposures to chemicals that result in dermatitis or chemical burns; skin absorption of harmful substance when condition of skin is unknown

**5548 Multiple types of exposures through skin, eyes or other exposed tissue**

**5549 Exposure through skin, eyes, or other exposed tissue, n.e.c.**

**558 Exposure to other harmful substance—multiple routes of exposure**

**559 Exposure to other harmful substances, n.e.c.**

**56\* Exposure to oxygen deficiency, n.e.c.**

Exposure to oxygen deficiency, n.e.c. applies only to cases in which the injury or illness resulted from *lack of oxygen without the involvement of harmful substances*. Drowning and nonfatal submersions are classified here if no other category applies. Drowning and submersions resulting from transportation incidents are classified in Division 2 and drowning and submersions that result from falls are classified in Division 4. Cases involving lack of oxygen in combination with inhalation of other substances such as sewer gas are classified

\*-Asterisks denote a summary level code not assigned to individual cases.

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in 552\*, **Inhalation of harmful substance**. Intentional strangulations are classified in Division 1, **Violence and other injuries by persons or animals**, and strangulations resulting from the worker or worker's clothing being caught in running equipment are classified in event group 641\*. Use code **563, Depletion of oxygen** when a gas overtakes the oxygen in a space.

Oxygen deficient environments and physical restriction of breathing resulting from cave-ins are classified in major group 65\*, **Struck, caught, or crushed in collapsing structure, equipment, or material**. Engulfment in grain and other materials are also classified in major group 65\*.

*Excludes:* asphyxiations resulting from inhalation of harmful substances (552\*); cave-ins, engulfment (65\*); violent acts (Division 1); drowning from transportation incident (Division 2); drowning after falling in water (Division 4); asphyxiations from fires and explosions (Division 3); strangulations from being caught in running equipment (641\*)

**560 Exposure to oxygen deficiency, unspecified**

**561 Drowning, submersion, n.e.c.**

**562 Choking on object or substance**

**563 Depletion of oxygen**

**569 Other oxygen deficiency, n.e.c.**

**57 Exposure to traumatic or stressful event, n.e.c.**

**Exposure to traumatic or stressful event, n.e.c.** includes instances in which workers are injured or made ill by stressful events on the job. Cases in which workers are injured or made ill by witnessing accidents or other traumatic events are included here, unless the worker was a victim of an assault or violent act (Division 1), transportation incident (Division 2), or fire or explosion (Division 3).

**59 Exposure to harmful substances or environments, n.e.c.**

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\*-Asterisks denote a summary level code not assigned to individual cases.

### 6 \* CONTACT WITH OBJECTS AND EQUIPMENT

Codes in this division apply to injuries produced by contact between the injured person and the source of injury, except when the contact was due to a fall, transportation incident, fire or explosion, or assault or violent act. Workers injured from contact with other persons, animals, or weapons regardless of intent are also excluded from this category.

*Excludes:* falls, slips, trips (Division 4); transportation incidents (Division 2); fires and explosions (Division 3); injuries by persons or animals, regardless of intent (Division 1); injuries by weapons, regardless of intent (Division 1); exposure to hot or cold objects or substances (Division 5); contact with electric current (Division 5); exposure to noxious, toxic, and allergenic substances (Division 5); exposures to infectious agents (Division 5); injuries resulting from overexertion (Division 7)

#### 60 Contact with objects and equipment, unspecified

#### 61 Needlestick without exposure to harmful substance

#### 62\* Struck by object or equipment

The "struck by" codes apply to injuries produced by forcible contact or impact between the injured person and the source of injury when *the motion producing the contact is primarily that of the source of injury* rather than the person.

Injuries to vehicle occupants, pedestrians, or other nonpassengers resulting from being hit or run over by a vehicle or mobile equipment in normal transport operation should be classified as **Transportation incidents** in Division 2. Injuries resulting from violence, shootings—whether or not intentional—and physical contact with other persons or animals are coded in Division 1.

*Excludes:* struck by object on aircraft in normal operation (219); struck by object on water vehicle in normal operation (259); struck by object set in motion by vehicle or mobile equipment in transport incident (Division 2); struck by object due to fire or explosion (Division 3);

#### 620 Struck by object or equipment, unspecified

#### 621\* Struck by powered vehicle—nontransport

\*-Asterisks denote a summary level code not assigned to individual cases.

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*Includes:* struck or run over by vehicle or mobile equipment in nontransport-related incident; caught between vehicle or mobile equipment and another object

*Excludes:* pedestrians struck by vehicles in transport-related incidents (24\*); struck by rolling nonpowered carts (622\*); struck by aircraft propeller blades (211); struck by water vehicle propeller blades (251)

**6210 Struck by powered vehicle—nontransport, unspecified**

**6211 Caught between rolling powered vehicle and other object**

**6212 Struck or run over by rolling powered vehicle**

**6213 Struck by swinging part of powered vehicle**

*Includes:* struck by swinging buckets, booms, or vehicle doors

**6214 Struck by falling part of powered vehicle still attached**

*Includes:* struck by falling truck beds or forks of forklifts

**6215 Struck by powered vehicle tipping over—nontransport**

**6216 Struck by other falling powered vehicle**

**6219 Struck by vehicle—nontransport, n.e.c.**

**622\* Struck by rolling object or equipment—other than powered vehicle**

This category includes being struck or run over by a rolling object or piece of equipment, such as a hand truck being pushed by the injured worker. It also includes being struck by a rolling piece of equipment being pushed by another person or being struck by a freely rolling object such as a log. Injuries resulting from being struck by a powered vehicle or piece of mobile equipment in a nontransport incident are classified in 621\*.

**6220 Struck by rolling object or equipment—other than powered vehicle, unspecified**

**6221 Struck by rolling object or equipment being pushed by injured worker**

**6222 Struck by rolling object or equipment being pushed by another person**

**6223 Struck by object or equipment rolling freely**

**6229 Struck by rolling object or equipment—other than powered**

\*-Asterisks denote a summary level code not assigned to individual cases.

**vehicle, n.e.c.**

**623\* Struck by falling object or equipment—other than powered vehicle**

**Struck by falling object or equipment—other than powered vehicle** should be selected when the source of injury is falling from an elevation to a lower level. This includes instances where the injured person is crushed, pinned, or caught under a falling object, other than collapsing material or structures. Injuries resulting from being struck by a fallen tree bouncing back after hitting the ground are included here.

*Includes:* caught under or pinned by falling object or equipment; struck by an object falling from an elevation to a lower level; crushed, pinned, or caught under a falling object, other than collapsing material or structures; struck by a fallen tree bouncing up after hitting the ground; struck by falling object worker is catching; and struck by machinery—other than vehicles or mobile equipment—or other object that has tipped over

*Excludes:* overexertion injuries resulting from catching falling object (714\*); struck by object worker is still holding on to (625\*); struck by collapsing structures or materials (65\*); struck by vehicles or mobile equipment tipping over (6215)

**6230 Struck by falling object or equipment, unspecified**

**6231 Struck by object or equipment dropped by injured worker**

**6232 Struck by object or equipment dropped by other person**

**6233 Struck by object falling from vehicle or machinery—other than vehicle part**

*Includes:* struck by beam falling from crane

*Excludes:* struck by falling part of vehicle or mobile equipment still attached (6214)

**6239 Struck by falling object or equipment, n.e.c.**

*Includes:* struck by falling tree

**624\* Struck by discharged or flying object**

**Struck by discharged or flying object** should be selected when the source of injury has been thrown, hurled, or is being propelled across

\*-Asterisks denote a summary level code not assigned to individual cases.

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space. **Struck by dislodged flying object, particle** (6241) includes instances when a piece of material separates from a tool, machine, or other equipment; for example, a piece of grinding wheel flies off or a drill bit breaks off, striking a worker. Injuries resulting from tire rims that flew off are generally coded here unless the tire or rim exploded or broke apart, in which case event code 323 would be used. **Struck by discharged object or substance** (6242) refers to instances where the object is ejected under power by a tool or equipment usually designed for that purpose. Examples include a nail discharged from a nail gun, water or air discharged from a pressure cleaner or hose, and a staple discharged from a staple gun. Injuries resulting from the discharge of a firearm, BB gun or paintball gun—whether intentional or not—are coded in Division 1.

### **6240 Struck by discharged or flying object, unspecified**

### **6241 Struck by dislodged flying object, particle**

*Includes:* a piece of material separating from a tool, machine, or other object; a tire rim flying off, unless the tire or rim exploded or broke apart

### **6242 Struck by discharged object or substance**

*Includes:* struck by pressurized water or air; struck by a nail from a nail gun unless intent was to harm

*Excludes:* discharges from weapons—either intentional or unintentional (Division 1)

### **6243 Struck by thrown object—unintentional injury**

### **6249 Struck by discharged or flying object, n.e.c.**

### **625\* Injured by handheld object or equipment**

This category includes injuries resulting from being struck by objects or equipment in the injured worker's hands. It includes being cut by slipping or swinging handtools, by knives when being washed or picked up, or by objects breaking in the worker's hands. Excluded from this category are injuries resulting from being struck by falling objects (that is, objects that have already left the worker's hands), from objects dropped by another worker, and striking against another object after a handheld tool slips.

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\*-Asterisks denote a summary level code not assigned to individual cases.

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*Includes:* struck by objects injured worker is holding, washing, or drying; cut by a slipping knife; cut by a knife while washing or picking up; struck by a swinging hammer; struck by a handheld tool being used, regardless of whether the tool slipped or injury resulted from worker aiming wrong; injured by an object breaking in worker's hand; getting a splinter from handheld objects

*Excludes:* struck by an object dropped by another worker (6232); struck by a falling object (623\*); striking against a stationary object or equipment after a handheld tool slips (6329)

**6250 Injured by handheld object or equipment, unspecified**

**6251 Injured by object breaking in hand**

**6252 Injured by slipping or swinging object held by injured worker**

**6253 Injured by slipping or swinging object held by other person**

**6259 Injured by handheld object or equipment, n.e.c.**

**626\* Struck by swinging or slipping object, other than handheld**

*Excludes:* struck by an object that fell (623\*); struck by a vehicle or vehicle part in nontransport incident (621\*)

**6260 Struck by swinging or slipping object, other than handheld, unspecified**

**6261 Struck by or caught in swinging door or gate**

*Excludes:* vehicle doors and gates (6213); getting caught in automatic door or gate (641\*)

**6269 Struck by swinging or slipping object, other than handheld, n.e.c.**

**629 Struck by object or equipment, n.e.c.**

**63\* Struck against object or equipment**

The "struck against" codes apply to injuries produced by forcible contact or impact between the injured person and the source of injury when the *motion producing the contact is primarily that of the injured person.*

This major group includes bumping into objects, stepping on objects, kicking

\*-Asterisks denote a summary level code not assigned to individual cases.

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objects, and being pushed or thrown into or against objects. Code 6329 includes cases in which the worker strikes repeatedly against an object, such as when using a carpet kicker. If a person strikes against an object due to falling, the injury is classified in Division 4, **Falls, slips, trips**. If the worker is injured from striking or bumping against another person, the case is classified in Division 1, **Violence and other injury by persons or animals**.

**630 Struck against object or equipment, unspecified**

**631\* Struck against moving object or equipment**

**6310 Struck against moving object or equipment, unspecified**

**6311 Struck against moving part of machinery or equipment**

*Includes:* bumping against a running saw

*Excludes:* caught in running equipment (641\*)

**6312 Struck against object or equipment while moving it**

**6319 Struck against moving object or equipment, n.e.c.**

**632\* Struck against stationary object or equipment**

**6320 Struck against stationary object or equipment, unspecified**

**6321 Stepped on object**

*Includes:* cut or punctured by object stepped on, such as a nail or sharp stone; bruised foot from stepping on object such as a stone

*Excludes:* falls (Division 4); tripping over an object with fall (421\*) or without fall (412\*); slipping on a substance without fall (411\*); fall onto or against object (424); stepped on by an animal (1321); stepping down from and twisting ankle where the only object contacted is the floor (7313); tripping from stepping into a hole (4121)

**6322 Struck against stationary object or equipment while rising**

**6329 Struck against stationary object or equipment, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.



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*Includes:* striking against an object or equipment after a handheld tool slips; getting cut or pierced by an object one is pushing against; and repeatedly striking against a stationary object, such as carpet kicker

*Excludes:* falls (Division 4); contact with handheld object (625\*)

### **639 Struck against object or equipment, n.e.c.**

### **64\* Caught in or compressed by equipment or objects**

Codes in this major group apply when a person, or part of a person's body was squeezed, pinched, compressed, or crushed *in operating equipment, between other meshing or shifting objects, between two stationary objects, or in wire or rope*. This group also includes cases in which a person is injured from trying to free oneself after being caught in an object or machine.

Injuries occurring when the injured part of body is inside a machine or equipment, or between two or more parts of the source of injury should be included here. Strangulation injuries occurring when clothing is caught in running equipment should be coded in the appropriate category in 641\*. Cases in which the worker is struck by a moving vehicle not in normal operation (as defined in Division 2) and caught between the vehicle and another object are coded in 621\*. Codes in 622\* are used for injuries occurring when a part of the injured person's body is crushed, pinched, or caught under a rolling or sliding object such as a hand cart or a log.

Codes in this major group also do not apply when the source of injury is free flying or falling, or collapsing material. When the source of injury is falling or freely flying, or collapsing, the event should be coded in group 623\*, **Struck by falling object or equipment** or major group 65\*, **Struck, caught, or crushed in collapsing structures, equipment, or material**. Also excluded from this category are cases in which a person was caught in a nonpowered swinging door or gate (6261). Persons caught in automatic garage doors or gates while running are coded here.

### **640 Caught in or compressed by equipment or objects, unspecified**

### **641\* Caught in running equipment or machinery**

\*-Asterisks denote a summary level code not assigned to individual cases.

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*Includes:* strangulations from worker or clothing being caught in running equipment; caught in automatic door or gate

**6410 Caught in running equipment or machinery, unspecified**

**6411 Caught in running equipment or machinery during maintenance, cleaning**

*Includes:* caught in running machinery while unjamming it

**6412 Caught in running equipment or machinery during regular operation**

**6419 Caught in running equipment or machinery, n.e.c.**

**642 Compressed or pinched by shifting objects or equipment**

**643 Compressed or pinched between two stationary objects**

*Includes:* foot compressed from stepping between two wood pallets; knee pinched between seat and steering wheel when getting into car; hand pinched between nonrunning machine and materials when attempting to unjam machine

**644 Entangled in other object or equipment**

*Includes:* wire or rope entanglement

**649 Caught in or compressed by equipment or objects, n.e.c.**

**65\* Struck, caught, or crushed in collapsing structure, equipment, or material**

**Struck, caught, or crushed in collapsing structure, equipment, or material** applies when a person, or part of a person's body was squeezed, pinched, compressed or crushed in *landslides, cave-ins, collapsing structures, or other collapsing materials* unless the collapse was due to a transportation incident, fire, explosion, or violent act. Drownings and asphyxiations resulting from cave-ins are also included in this category.

Event 654, **Landslide** also includes avalanches. Workers crushed or caught in building or crane collapses are classified in 655. Injuries resulting from falls due to structure or equipment collapses are coded in 431\*. Engulfment in grain bins or silos are coded 656.

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\*-Asterisks denote a summary level code not assigned to individual cases.

## EVENT OR EXPOSURE

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*Includes:* depletion of oxygen from cave-in, collapse; drowning resulting from cave-in, collapse; struck by falling debris during structure collapse

*Excludes:* falls resulting from structure or equipment collapse (431\*); structure collapse during fire or explosion (311)

**650 Struck, caught, or crushed in collapsing structure, equipment, or material, unspecified**

**651 Excavation or trenching cave-in**

**652 Mine collapse or cave-in**

**653 Other cave-in**

*Excludes:* landslide, avalanche (654)

**654 Landslide**

*Includes:* avalanche

**655 Struck, caught, or crushed in other collapsing structure or equipment**

*Includes:* caught in collapsing wall or crane

*Excludes:* being caught in collapsing structure resulting from fire or explosion

**656 Engulfment in other collapsing material**

*Includes:* being engulfed in collapsing grain

**659 Struck, caught, or crushed in collapsing structure, equipment, or material, n.e.c.**

*Includes:* caught in collapsing palm fronds

**66\* Rubbed or abraded by friction or pressure**

Codes in this major group apply to cases in which the injury or illness was produced by *friction or pressure between the person and the source of injury or illness*. Typically, the nature of injury or illness resulting from these events will involve superficial injuries such as blisters, scratches, or abrasions, or they will involve damage to the nerves or circulatory system from jarring, vibration, or repetition of pressure.

\*-Asterisks denote a summary level code not assigned to individual cases.

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Cases in which the worker suffered from skin irritation from kneeling on a surface are classified in 661. Musculoskeletal-type injuries resulting from prolonged kneeling are classified in 7322.

Select code 663 for non-specific irritation of the eyes resulting from foreign matter. Injuries resulting from being struck by pressurized air discharged from a hose or compressor are coded 6242, **Struck by discharged object or substance**. Cases involving irritant dermatitis are coded in 5544, **Exposure through intact skin, eyes, or other exposed tissue**.

Workers getting blisters and other skin irritations from walking and other rubbing against shoes, gloves, belts, and apparel are coded in 664.

- 660 Rubbed or abraded by friction or pressure, unspecified**
- 661 Rubbed or abraded by kneeling on surface**
- 662 Rubbed or abraded by objects being handled**
- 663 Rubbed or abraded by foreign matter in eye**
- 664 Rubbed or abraded by shoes, apparel, or accessories**
- 669 Rubbed or abraded by friction or pressure, n.e.c.**

### **67\* Rubbed, abraded, or jarred by vibration**

Codes in this major group apply to non-impact cases in which the injury or illness was produced by *vibration* between the person and the source of injury or illness. Instances of damage to nerves or circulatory system due to vibration (e.g., Raynaud's phenomenon) should be coded here. Damage to nerves resulting from repetitive voluntary movements, such as repetitive data entry, are classified in major group 72\*, **Repetitive motions involving microtasks**.

If an injury or illness results from prolonged vibration in long distance driving, the event should be coded in event group 671, **Rubbed, abraded, or jarred by vehicle or mobile equipment vibration**. Injuries resulting solely from a single jolt, such as when riding over a pothole or other small obstruction, are coded either 2638 or 2738.

- 670 Rubbed, abraded, or jarred by vibration, unspecified**
- 671 Rubbed, abraded, or jarred by vehicle or mobile equipment vibration**
- 672 Rubbed, abraded, or jarred by other machine or equipment vibration**
- 679 Rubbed, abraded, or jarred by vibration, n.e.c.**

### **69 Contact with objects and equipment, n.e.c.**

*Includes:* being cut or scratched by object ingested or entering the mouth

\*-Asterisks denote a summary level code not assigned to individual cases.

**7\* OVEREXERTION AND BODILY REACTION**

Codes in this division apply to cases, usually non-impact, in which injury or illness resulted from *free bodily motion, from excessive physical effort, from repetition of a bodily motion, from the assumption of an unnatural position, or from remaining in the same position over a period of time.*

**70 Overexertion and bodily reaction, unspecified**

**71\* Overexertion involving outside sources**

Overexertion involving outside sources applies to cases, usually non-impact, in which the injury or illness resulted from *excessive physical effort directed at an outside source of injury or illness.* The physical effort may involve lifting, pulling, pushing, turning, wielding, holding, carrying, or throwing the source of injury or illness. The injury can be from a single episode or from repetitive exertions involving outside sources, such as repetitive lifting. Typically, if the injury results from an object or person being carried or lifted, the event is overexertion involving an outside source.

Free bodily motions that do not involve an outside source of injury or illness are classified either in major group 73\*, **Other exertions or bodily reactions**, or in major group 72\*, **Repetitive motions involving microtasks.** Use section 711\* for cases involving moving, stacking, loading, and handling when it is unclear which specific type of movement resulted in the injury or illness. When an overexertion injury or illness results from using a wrench and the type of movement involved is not specified, use event 713\*.

If the physical effort involves moving or transferring that would primarily be described as pushing or pulling such as moving a piano, code **Overexertion in pushing, pulling, or turning (712\*).**

**710 Overexertion involving outside sources, unspecified**

**711\* Overexertion in lifting, lowering**

*Includes:* repetitive lifting of trashcans, files, luggage, or trays from conveyor; single episode of lifting furniture, crates, or construction materials; shaking out blankets, rugs

**7110 Overexertion in lifting, lowering, unspecified**

**7111 Overexertion in lifting—single episode**

**7112 Overexertion in lifting—multiple episodes**

\*-Asterisks denote a summary level code not assigned to individual cases.

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- 7113 Overexertion in lowering—single episode**
- 7114 Overexertion in lowering—multiple episodes**

### **712\* Overexertion in pushing, pulling, or turning**

*Includes:* single or repetitive pushing and pulling of carts or bins, pushing the clutch while driving, pushing patients in wheelchairs, pulling items from shelves, pulling cables, turning a patient over, repositioning patient, vacuuming, or turning steering wheel

- 7120 Overexertion in pushing, pulling, or turning, unspecified**
- 7121 Overexertion in pushing, pulling, or turning—single episode**
- 7122 Overexertion in pushing, pulling, or turning—multiple episodes**

### **713\* Overexertion in holding, carrying, or wielding**

*Includes:* repetitive carrying of boxes; single episode of carrying furniture or machinery

- 7130 Overexertion in holding, carrying, or wielding, unspecified**
- 7131 Overexertion in holding, carrying, or wielding—single episode**
- 7132 Overexertion in holding, carrying, or wielding—multiple episodes**

### **714\* Overexertion in throwing, catching**

*Includes:* repetitive throwing or catching bags or boxes while loading or unloading a truck; single episode of catching a falling patient or child

- 7140 Overexertion in throwing, catching, unspecified**
- 7141 Overexertion in throwing—single episode**
- 7142 Overexertion in throwing—multiple episodes**
- 7143 Overexertion in catching—single episode**
- 7144 Overexertion in catching—multiple episodes**

### **718 Multiple types of overexertion involving outside sources**

*Includes:* repetitive or single episode of lifting and carrying or lowering and pushing; helping healthcare patient into bed involving lifting and pushing

\*-Asterisks denote a summary level code not assigned to individual cases.

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### **719 Overexertion involving outside sources, n.e.c.**

### **72\* Repetitive motions involving microtasks**

This category applies when motion imposes stress or strain on some part of the body due to the repetitive nature of the task. Typically, there is no strenuous effort, such as heavy lifting, imposed against an outside object, as in 71\*, **Overexertion involving outside sources**.

Repetitive use of hands, not involving tools (724) includes repetitive motion while signing (sign language). If the source document indicates an injury from “clerical activities,” use code 720. Source code **562, Bodily motion or position of injured, ill worker** must be used when using an Event code from this category.

### **720 Repetitive motions involving microtasks, unspecified**

*Includes:* repetitive motion involving unspecified clerical activities or office tasks

### **721 Typing, key entry, texting, or mousing**

### **722 Repetitive use of tools, instruments**

*Includes:* repeated use of screwdrivers, knives, musical instruments, or medical instruments

### **723 Repetitive grasping, placing, or moving objects, except tools**

*Includes:* scanning groceries, skinning fish, assembly-line work without tools

### **724 Repetitive use of hands, not involving tools**

*Includes:* signing for the deaf

### **728 Multiple types of repetitive motions**

### **729 Repetitive motions involving microtasks, n.e.c.**

### **73\* Other exertions or bodily reactions**

Codes in this major group apply to injuries or illnesses generally resulting from a *single or prolonged instance of free bodily motion* which imposed stress or strain upon some part of the body. This category also includes the assumption of an unnatural position for a prolonged period of time.

\*-Asterisks denote a summary level code not assigned to individual cases.

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Generally, codes in this major group apply to the occurrence of strains, sprains, ruptures, nerve damage, stress fractures, or other injuries or illnesses resulting from the assumption of an unnatural position or from voluntary or involuntary motions induced by sudden noise or fright. This category also includes injuries and illnesses resulting from prolonged sitting, standing, or viewing. This major group includes cases involving musculoskeletal or other injury or illnesses resulting from the execution of personal movements such as walking, climbing, or bending when such movement in itself was the source of injury or illness. Eyestrain from sustained viewing is classified in 7391. Source code **562, Bodily motion or position of injured, ill worker** must be used when using an Event code from this category.

Overexertion resulting from lifting, pulling, or pushing is classified in major group 71\*. Motions involving microtasks which induce injury or illness due to their repetitive nature are classified in major group 72\*. Injuries from attempting to recover from a slip or trip are coded in Division 4. Heart attacks and strokes not attributed to a specific event or exposure are classified in major group 74.

### **730 Other exertions or bodily reactions, unspecified**

#### **731\* Bending, crawling, reaching, twisting, climbing, stepping**

*Includes:* ascending or descending stairs and ladders, single episode and prolonged (7313 and 7314); repetitive bending to pick up trash; crawling under cubicles to install computers or in crawlspace; single episode of stepping from a stool; bending down to pick something up

*Excludes:* boarding, alighting a vehicle or piece of mobile equipment (737\*)

#### **7310 Bending, crawling, reaching, twisting, climbing, stepping, unspecified**

#### **7311 Bending, crawling, reaching, twisting—single episode**

#### **7312 Bending, crawling, reaching, twisting—repetitive or prolonged**

#### **7313 Climbing or stepping up or down—single episode**

#### **7314 Climbing or stepping up or down—repetitive or prolonged**

#### **732\* Kneeling, kneeling down**

Musculoskeletal-type injuries resulting from prolonged kneeling are coded here. Cases in which the worker suffered from skin irritation from kneeling on a surface are classified in 661.

\*-Asterisks denote a summary level code not assigned to individual cases.



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*Includes:* felt pain while kneeling down, single episode; injury from prolonged kneeling

**7320 Kneeling, kneeling down, unspecified**

**7321 Kneeling, kneeling down—single episode**

**7322 Kneeling, kneeling down—repetitive or prolonged**

**733\* Sitting, sitting down**

**7330 Sitting, sitting down, unspecified**

**7331 Sitting, sitting down—single episode**

**7332 Sitting, sitting down—repetitive or prolonged**

*Includes:* repetitive or prolonged sitting while operating a motor vehicle

**734\* Standing, standing up**

*Includes:* prolonged standing; injury from single episode of standing from seating or kneeling position

**7340 Standing, standing up, unspecified**

**7341 Standing, standing up—single episode**

**7342 Standing, standing up—repetitive or prolonged**

**735\* Walking, without other incident**

*Includes:* walking forward or backwards; prolonged walking or injury from single episode of walking

**7350 Walking, without other incident, unspecified**

**7351 Walking, without other incident—single episode**

**7352 Walking, without other incident—repetitive or prolonged**

**736\* Running, without other incident**

*Includes:* injury from single episode of running to pursue suspect or in response to emergency; prolonged running during sporting event

**7360 Running, without other incident, unspecified**

**7361 Running, without other incident—single episode**

**7362 Running, without other incident—repetitive or prolonged**

\*-Asterisks denote a summary level code not assigned to individual cases.

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### **737\* Boarding, alighting—excluding slip, trip, fall**

*Includes:* injury from single or repeated episodes of into or out of vehicle; injury from stepping down from or out of vehicle

**7370 Boarding, alighting—excluding slip, trip, fall, unspecified**

**7371 Boarding, alighting—excluding slip, trip, fall—single episode**

**7372 Boarding, alighting—excluding slip, trip, fall—repetitive or prolonged**

### **738 Multiple types of exertions and bodily reactions**

*Includes:* single or repeated episodes of standing and walking, walking and running, or kneeling and standing

### **739\* Other exertions or bodily reactions**

**7391 Sustained viewing**

**7399 Other exertions or bodily reactions, n.e.c.**

*Includes:* injuries resulting from jumping up and down or from calisthenics such as push-ups or pull-ups

### **74 Bodily conditions, n.e.c.**

Heart attacks and strokes which are not attributed to a specific event or exposure are classified here. This category also includes cases of unexplained fainting. Source code **561, Bodily conditions of injured, ill worker** must be used when using this Event code.

### **78 Multiple types of overexertions and bodily reactions**

*Includes:* pushing, pulling, turning and standing; carrying and walking; reaching and lifting

### **79 Overexertion and bodily reaction and exertion, n.e.c.**

This code includes instances of motion sickness and other events that fit the bodily reaction and exertion definition, but are not classified elsewhere.

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\*-Asterisks denote a summary level code not assigned to individual cases.

## EVENT OR EXPOSURE

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### **9999 Nonclassifiable**

This division classifies any event or exposure which is not classified or listed under any other division.

\*-Asterisks denote a summary level code not assigned to individual cases.

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## **SECTION 3**

**Code**

**Titles**

### **SECTION CONTENTS**

- 3.1 Nature of Injury or Illness
- 3.2 Part of Body Affected
- 3.3 Source of Injury or Illness;  
Secondary Source of Injury or Illness
- 3.4 Event or Exposure

\*-Asterisks denote a summary level code not assigned to individual cases.

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**SECTION 3.1**

**Nature of  
Injury or Illness**

**Code Titles**

\*-Asterisks denote a summary level code not assigned to individual cases.

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### 3.1 Nature of Injury or Illness—Code Titles

The Nature of Injury or Illness code structure is arranged so that traumatic injuries and disorders are listed first (in Division 1) while diseases are listed in Divisions 2 through 9. Division 8 classifies multiple physical characteristics whose individual codes are found in two or more of the following divisions: Systemic Diseases and Disorders; Infectious and Parasitic Diseases; Neoplasms, Tumors, and Cancers; Symptoms, Signs, and Ill-defined Conditions; and Other Diseases, Conditions, and Disorders.

The Nature of Injury or Illness divisions are arranged as follows:

<u>DIVISION</u>	<u>TITLE</u>
1	Traumatic Injuries and Disorders
2	Systemic Diseases and Disorders
3	Infectious and Parasitic Diseases
4	Neoplasms, Tumors, and Cancers
5	Symptoms, Signs, and Ill-defined Conditions
6	Other Diseases, Conditions, and Disorders
7	Exposures to Disease—No Illness Incurred
8	Multiple Diseases, Conditions, and Disorders
9999	Nonclassifiable

\*-Asterisks denote a summary level code not assigned to individual cases.

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**1\* TRAUMATIC INJURIES AND DISORDERS**

**10 Traumatic injuries and disorders, unspecified**

**11\* Traumatic injuries to bones, nerves, spinal cord**

110 Traumatic injuries to bones, nerves, spinal cord, unspecified

111 Fractures

112\* Traumatic injuries to spinal cord

1120 Traumatic injuries to spinal cord, unspecified

1121 Paralysis, paraplegia, quadriplegia

1129 Traumatic injuries to spinal cord, n.e.c.

113\* Traumatic injuries to nerves, except the spinal cord

1130 Traumatic injuries to nerves, except the spinal cord, unspecified

1131 Pinched nerve

1139 Traumatic injuries to nerves, except the spinal cord, n.e.c.

118 Multiple traumatic injuries to bones, nerves, spinal cord

119 Traumatic injuries to bones, nerves, spinal cord, n.e.c.

**12\* Traumatic injuries to muscles, tendons, ligaments, joints, etc.**

120 Traumatic injuries to muscles, tendons, ligaments, joints, etc., unspecified

121\* Dislocations

1210 Dislocations, unspecified

1211 Herniated discs

1212 Dislocation of joints

1218 Multiple types of dislocations

1219 Dislocations, n.e.c.

122\* Cartilage fractures and tears

1220 Cartilage fractures and tears, unspecified

1221 Meniscus tears

1229 Cartilage fractures and tears, n.e.c.

123\* Sprains, strains, tears

1230 Sprains, strains, tears, unspecified

1231 Major tears to muscles, tendons, ligaments

1232 Sprains

1233 Strains

1238 Multiple sprains, strains, tears

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 124 Hernias due to traumatic incidents
  - 125 Whiplash
  - 128 Multiple traumatic injuries to muscles, tendons, ligaments, joints, etc.
  - 129 Traumatic injuries to muscles, tendons, ligaments, joints, etc., n.e.c.

**13\* Open wounds**

- 130 Open wounds, unspecified
  
- 131\* Amputations, avulsions, enucleations
- 1310 Amputations, avulsions, enucleations, unspecified
- 1311 Amputations
- 1312 Avulsions, enucleations
- 1319 Amputations, avulsions, enucleations, n.e.c.
  
- 132 Cuts, lacerations
- 133 Puncture wounds, except gunshot wounds
- 134 Gunshot wounds
- 138 Multiple types of open wounds
- 139 Open wounds, n.e.c.

**14\* Surface wounds and bruises**

- 140 Surface wounds and bruises, unspecified
- 141 Abrasions, scratches
- 142 Blisters
- 143 Bruises, contusions
- 148 Multiple surface wounds and bruises
- 149 Surface wounds and bruises, n.e.c.

**15\* Burns and corrosions**

- 150 Burns and corrosions, unspecified
  
- 151\* Chemical burns and corrosions
- 1510 Chemical burns and corrosions, unspecified
- 1511 First degree chemical burns and corrosions
- 1512 Second degree chemical burns and corrosions
- 1513 Third or fourth degree chemical burns and corrosions
- 1519 Chemical burns and corrosions, n.e.c.
  
- 152\* Heat (thermal) burns
- 1520 Heat (thermal) burns, unspecified
- 1521 First degree heat (thermal) burns

\*-Asterisks denote a summary level code not assigned to individual cases.



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1522 Second degree heat (thermal) burns  
1523 Third or fourth degree heat (thermal) burns  
1529 Heat (thermal) burns, n.e.c.

153\* Electrical burns  
1530 Electrical burns, unspecified  
1531 First degree electrical burns  
1532 Second degree electrical burns  
1533 Third or fourth degree electrical burns  
1539 Electrical burns, n.e.c.

159\* Other burns  
1590 Other burns, unspecified  
1591 Other burns, first degree  
1592 Other burns, second degree  
1593 Other burns, third or fourth degree  
1599 Other burns, n.e.c.

**16\* Intracranial injuries**

160 Intracranial injuries, unspecified  
161 Cerebral and other intracranial hemorrhages  
162 Concussions

168\* Multiple types of intracranial injuries  
1680 Multiple intracranial injuries, unspecified  
1681 Skull fracture and intracranial injury  
1689 Multiple intracranial injuries, n.e.c.

169 Intracranial injuries, n.e.c.

**17\* Effects of environmental conditions**

170 Effects of environmental conditions, unspecified

171\* Effects of reduced temperature  
1710 Effects of reduced temperature, unspecified  
1711 Frostbite  
1712 Hypothermia  
1718 Multiple effects of reduced temperature  
1719 Effects of reduced temperature, n.e.c.

172\* Effects of heat and light  
1720 Effects of heat and light, unspecified

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 1721 Heat stroke
  - 1722 Heat syncope
  - 1723 Heat fatigue
  - 1724 Heat edema
  - 1725 Heat exhaustion, prostration
  - 1728 Multiple effects of heat and light
  - 1729 Effects of heat and light, n.e.c.
  
  - 173\* Effects of air or water pressure
  - 1730 Effects of air or water pressure, unspecified
  - 1731 Aero-otitis media
  - 1732 Aerosinusitis
  - 1733 Caisson disease, bends, divers' palsy
  - 1738 Multiple effects of air or water pressure
  - 1739 Effects of air or water pressure, n.e.c.
  
  - 178 Multiple effects of environmental conditions
  - 179 Effects of environmental conditions, n.e.c.
  
  - 18\* Multiple traumatic injuries and disorders**
  
  - 180 Multiple traumatic injuries and disorders, unspecified
  - 181 Cuts and abrasions or bruises
  
  - 182\* Sprains and other injuries
  - 1820 Sprains and other injuries, unspecified
  - 1821 Sprains and bruises
  - 1822 Sprains and cuts
  - 1829 Sprains and other injuries, n.e.c.
  
  - 183\* Fractures and other injuries
  - 1830 Fractures and other injuries, unspecified
  - 1831 Fractures (except skull fractures) and concussions
  - 1832 Fractures (except rib, trunk fractures) and internal injuries
  - 1833 Fractures and burns
  - 1834 Fractures and dislocations
  - 1839 Fractures and other injuries, n.e.c.
  
  - 184\* Burns and other injuries, except fractures
  - 1840 Burns and other injuries, except fractures, unspecified
  - 1841 Burns and smoke inhalation
  - 1849 Burns and other injuries, n.e.c.

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 185 Intracranial injuries and injuries to internal organs  
189 Multiple traumatic injuries and disorders, n.e.c.
- 19\* Other traumatic injuries and disorders**
- 190 Other traumatic injuries and disorders, unspecified  
191 Asphyxiations, strangulations, suffocations  
192 Drownings  
193 Electrocutions, electric shocks  
194 Internal injuries to organs and blood vessels of the trunk
- 195\* Dermatitis and reactions affecting the skin—acute  
1950 Dermatitis and reactions affecting the skin—acute, unspecified  
1951 Allergic dermatitis—acute  
1952 Irritant dermatitis—acute  
1953 Hives, urticaria—acute  
1958 Multiple types of dermatitis and skin reactions—acute  
1959 Dermatitis and reactions affecting the skin—acute, n.e.c.
- 196\* Other poisoning, toxic, noxious, or allergenic effects  
1960 Poisoning, toxic, noxious, or allergenic effect, unspecified  
1961 Poisoning, including poisoning-related asphyxia  
1962 Anaphylactic shock, anaphylaxis  
1963 Other respiratory system symptoms—toxic, noxious, or allergenic effect  
1964 Coughing and throat irritation— toxic, noxious, or allergenic effect  
1965 Dizziness, lightheadedness, headache—toxic, noxious, or allergenic effect  
1966 Other or unspecified allergic reactions  
1967 Nausea, vomiting— toxic, noxious, or allergenic effect  
1968 Multiple poisoning, toxic, noxious, or allergenic effects  
1969 Other poisoning, toxic, noxious, or allergenic effects, n.e.c.
- 197\* Nonspecified injuries and disorders  
1971 Crushing injuries  
1972 Soreness, pain, hurt—nonspecified injury  
1973 Swelling, inflammation, irritation—nonspecified injury  
1974 Numbness—nonspecified injury  
1978 Multiple nonspecified injuries and disorders  
1979 Nonspecified injuries and disorders, n.e.c.
- 199\* Other traumatic injuries and disorders, n.e.c.  
1991 Traumatic shock  
1992 Embolism, air or fat  
1999 Traumatic injuries and disorders, n.e.c.

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 2\***     **DISEASES AND DISORDERS OF BODY SYSTEMS**
- 20**     **Systemic diseases and disorders, unspecified**
- 21**     **Anemia and other diseases of the blood and blood forming organs**
- 22\***     **Nervous system and sense organs diseases**
- 220     Nervous system and sense organs diseases, unspecified
- 221     Inflammatory diseases of the central nervous system
- 222     Degenerative diseases of the central nervous system
- 223\*     Other disorders of the central nervous system
- 2230     Other disorders of the central nervous system, unspecified
- 2231     Seizure disorder, epilepsy
- 2232     Migraine
- 2239     Other disorders of the central nervous system, n.e.c.
- 224\*     Disorders of the peripheral nervous system
- 2240     Disorders of the peripheral nervous system, unspecified
- 2241     Carpal tunnel syndrome
- 2242     Inflammatory and toxic neuropathy, toxic polyneuropathy
- 2243     Toxic myoneural disorders
- 2244     Tarsal tunnel syndrome
- 2249     Disorders of the peripheral nervous system, n.e.c.
- 225\*     Disorders of the eye, adnexa, vision
- 2250     Disorders of the eye, adnexa, vision, unspecified
- 2251     Conjunctivitis—non-viral
- 2252     Inflammation except conjunctivitis (including ophthalmia, iritis, chalazion)
- 2253     Cataracts
- 2254     Blindness, low vision
- 2255     Glaucoma
- 2256     Visual disturbances
- 2259     Disorders of the eye, adnexa, vision, n.e.c.
- 226\*     Disorders of the ear, mastoid process, hearing
- 2260     Disorders of the ear, mastoid process, hearing, unspecified
- 2261     Deafness, hearing loss and impairment
- 2262     Tinnitus
- 2269     Disorders of the ear, mastoid process, and hearing, n.e.c.
- 229     Nervous system and sense organs diseases, n.e.c.

\*-Asterisks denote a summary level code not assigned to individual cases.

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**23\* Circulatory system diseases**

- 230 Circulatory system diseases, unspecified
- 231 Rheumatic fever with heart involvement
- 232 Hypertensive disease
  
- 233\* Ischemic heart disease, including heart attack
- 2330 Ischemic heart disease, unspecified
- 2331 Myocardial infarction (heart attack)
- 2332 Angina
- 2339 Ischemic heart disease, n.e.c.
  
- 234\* Diseases of pulmonary circulation
- 2340 Diseases of pulmonary circulation, unspecified
- 2341 Pulmonary heart disease
- 2342 Pulmonary embolism
- 2349 Diseases of pulmonary circulation, n.e.c.
  
- 235\* Other forms of heart disease
- 2350 Other forms of heart disease, unspecified
- 2351 Toxic myocarditis
- 2352 Heart failure
- 2353 Ill-defined descriptions and complications of heart disease
- 2359 Other forms of heart disease, n.e.c.
  
- 236\* Cerebrovascular disease
- 2360 Cerebrovascular disease, unspecified
- 2361 Stroke
- 2362 Transient ischemia attacks
- 2369 Cerebrovascular disease, n.e.c.
  
- 237\* Diseases of arteries, arterioles, capillaries
- 2370 Diseases of arteries, arterioles, capillaries, unspecified
- 2371 Raynaud's syndrome or phenomenon
- 2372 Aneurysm—nontraumatic
- 2379 Diseases of arteries, arterioles, capillaries, n.e.c.
  
- 238\* Diseases of the veins, lymphatics
- 2380 Diseases of the veins, lymphatics, unspecified
- 2381 Varicose veins
- 2382 Hemorrhoids
- 2383 Phlebitis, thrombosis
- 2389 Diseases of the veins, lymphatics, n.e.c.

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 239 Circulatory system diseases, n.e.c.
- 24\*** **Respiratory system diseases**
- 240 Respiratory system diseases, unspecified
- 241 Acute respiratory infections (including common cold)
- 242\* Other diseases of upper respiratory tract
- 2420 Other diseases of upper respiratory tract, unspecified
- 2421 Allergic rhinitis
- 2422 Chronic conditions of upper respiratory tract
- 2429 Other diseases of upper respiratory tract, n.e.c.
- 243\* Pneumonia, influenza
- 2430 Pneumonia, influenza, unspecified
- 2431 Pneumonia
- 2432 Influenza—common
- 2433 Influenza—novel
- 244\* Chronic obstructive pulmonary disease and allied conditions
- 2440 Chronic obstructive pulmonary disease and allied conditions, unspecified
- 2441 Chronic bronchitis
- 2442 Emphysema
- 2443 Asthma, except intrinsic
- 2444 Extrinsic allergic alveolitis and hypersensitivity pneumonitis
- 2449 Chronic obstructive pulmonary diseases and allied conditions, n.e.c.
- 245\* Pneumoconioses
- 2450 Pneumoconioses, unspecified
- 2451 Coal workers' pneumoconiosis
- 2452 Asbestosis
- 2453 Silicosis, talcosis
- 2454 Byssinosis, mill fever
- 2455 Aluminosis
- 2456 Berylliosis
- 2457 Siderosis
- 2458 Pneumoconiosis with tuberculosis
- 2459 Pneumoconioses, n.e.c.
- 249\* Other respiratory system diseases
- 2490 Other respiratory system diseases, unspecified
- 2491 Pneumonitis, n.e.c.
- 2492 Pulmonary edema

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 2493 Pulmonary fibrosis, n.e.c.
  - 2494 Atelectasis, collapsed lung
  - 2499 Other respiratory system diseases, n.e.c.

**25\* Digestive system diseases and disorders**

- 250 Digestive system diseases and disorders, unspecified
- 251 Diseases of oral cavity, salivary glands, and jaws
- 252 Diseases of esophagus, stomach, and duodenum
- 253 Hernia—nontraumatic
- 254 Noninfectious enteritis and colitis (including ileitis)
- 255 Other diseases of intestines and peritoneum
- 256 Toxic hepatitis—noninfective
- 259 Digestive system diseases and disorders, n.e.c.

**26\* Genitourinary system diseases and disorders**

- 260 Genitourinary system diseases and disorders, unspecified
- 261\* Nephritis, nephrotic syndrome, and nephrosis
- 2610 Nephritis, nephrotic syndrome, and nephrosis, unspecified
- 2611 Nephritis
- 2612 Nephrotic syndrome
- 2613 Nephrosis
- 262 Other diseases of urinary system
- 263\* Diseases and disorders of the genital tract
- 2630 Diseases and disorders of the genital tract, unspecified
- 2631 Infertility
- 2632 Spontaneous abortion, miscarriage
- 2639 Diseases and disorders of the genital tract, n.e.c.
- 264 Disorders of breast
- 269 Genitourinary system diseases and disorders, n.e.c.

**27\* Musculoskeletal system and connective tissue diseases and disorders**

- 270 Musculoskeletal system and connective tissue diseases and disorders, unspecified
- 271 Arthropathies and related disorders (arthritis)
- 272\* Dorsopathies
- 2720 Dorsopathies, unspecified
- 2721 Sciatica

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 2722 Lumbago
  - 2723 Disc disorders, except dislocation
  - 2729 Dorsopathies, n.e.c.
  
  - 273\* Soft tissue disorders, except the back
  - 2730 Soft tissue disorder, except the back, unspecified
  - 2731 Bursitis
  - 2732 Stenosing tenosynovitis
  - 2733 Other tenosynovitis, synovitis
  - 2734 Epicondylitis
  - 2735 Other or unspecified tendonitis (tendinitis)
  - 2736 Ganglion or cystic tumor
  - 2738 Multiple soft tissue disorders
  - 2739 Soft tissue disorder, except the back, n.e.c.
  
  - 274\* Osteopathies, chondropathies, and acquired deformities
  - 2740 Osteopathies, chondropathies, and acquired deformities, unspecified
  - 2741 Curvature of spine
  - 2749 Osteopathies, chondropathies, and acquired deformities, n.e.c.
  
  - 279 Musculoskeletal system and connective tissue diseases and disorders, n.e.c.
  
  - 28\* Disorders of the skin and subcutaneous tissue**
  
  - 280 Disorders of the skin and subcutaneous tissue, unspecified
  
  - 281\* Infections of the skin and subcutaneous tissue
  - 2810 Infections of the skin and subcutaneous tissue, unspecified
  - 2811 Cellulitis and abscess
  - 2812 Impetigo
  - 2813 Methicillin-resistant staphylococcus aureus (MRSA) infection
  - 2814 Other staphylococcus skin infection
  - 2815 Other or unspecified streptococcus skin infection
  - 2819 Infections of the skin and subcutaneous tissue, n.e.c.
  
  - 282 Dermatitis resulting from long-term exposures
  
  - 283\* Diseases of sebaceous glands
  - 2830 Diseases of sebaceous glands, unspecified
  - 2831 Acne
  - 2832 Sebaceous cyst
  - 2839 Diseases of sebaceous glands, n.e.c.

\*-Asterisks denote a summary level code not assigned to individual cases.



- 
- 289\* Other diseases and disorders of the skin and subcutaneous tissue
  - 2890 Other diseases and disorders of the skin and subcutaneous tissue, unspecified
  - 2891 Corns and calluses
  - 2892 Ingrown nails and other nail diseases
  - 2893 Prickly heat, heat rash, and other disorders of sweat glands
  - 2894 Chronic skin ulcers
  - 2899 Other diseases and disorders of the skin and subcutaneous tissue, n.e.c.

**29\* Other systemic diseases and disorders**

- 290 Other systemic diseases and disorders, unspecified
- 291\* Endocrine, nutritional, metabolic, and immunity disorders
- 2910 Endocrine, nutritional, metabolic, and immunity disorders, unspecified
- 2911 Diseases and disorders of thyroid gland
- 2912 Diseases and disorders of other endocrine glands
- 2919 Endocrine, nutritional, metabolic, and immunity disorders, n.e.c.
- 299 Other systemic diseases and disorders, n.e.c.

\*-Asterisks denote a summary level code not assigned to individual cases.

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**3\*    INFECTIOUS AND PARASITIC DISEASES**

**30    Infectious and parasitic diseases, unspecified**

**31\*   Bacterial diseases**

310    Bacterial diseases, unspecified

311    Tuberculosis

312\*   Zoonotic bacterial diseases

3120   Zoonotic bacterial diseases, unspecified

3121   Anthrax

3122   Brucellosis

3123   Ornithosis (including parrot fever, psittacosis)

3129   Zoonotic bacterial diseases, n.e.c.

313    Syphilis and other venereal diseases

314\*   Other spirochetal diseases

3140   Other spirochetal diseases, unspecified

3141   Leptospirosis

3149   Other spirochetal diseases, n.e.c.

319\*   Other bacterial diseases

3190   Other bacterial diseases, unspecified

3191   Leprosy

3192   Diphtheria, whooping cough

3193   Streptococcal sore throat and scarlatina

3194   Methicillin-resistant infection, other than skin

3195   Meningococcal infection

3196   Tetanus

3197   Septicemia

3199   Other bacterial diseases, n.e.c

**32\*   Viral diseases**

320    Viral diseases, unspecified

321\*   Human immunodeficiency virus (HIV) infection

3210   Human immunodeficiency virus (HIV) infection, unspecified

3211   Acquired immune deficiency syndrome (AIDS)

3212   AIDS-like syndrome, AIDS-related complex (ARC)

3219   Human immunodeficiency virus (HIV) infection, n.e.c.

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 322\* Non-arthropod-borne viral diseases of the central nervous system
  - 3220 Non-arthropod-borne viral diseases of the central nervous system, unspecified
  - 3221 Meningitis due to enterovirus
  - 3229 Non-arthropod-borne viral diseases of the central nervous system, n.e.c.
  
  - 323\* Viral diseases accompanied by exanthem (eruptive fever)
  - 3230 Viral diseases accompanied by exanthem (eruptive fever), unspecified
  - 3231 Smallpox
  - 3232 Cowpox and paravaccinia
  - 3233 Chickenpox, varicella
  - 3234 Herpes zoster, shingles
  - 3235 Herpes simplex
  - 3236 Measles
  - 3237 Rubella, German measles
  - 3239 Viral diseases accompanied by exanthem (eruptive fever), n.e.c.
  
  - 324\* Arthropod-borne viral diseases
  - 3240 Arthropod-borne viral diseases, unspecified
  - 3241 Yellow fever
  - 3242 Dengue
  - 3243 Viral encephalitis
  - 3244 Hemorrhagic fever
  - 3245 West Nile virus
  - 3249 Arthropod-borne viral diseases, n.e.c.
  
  - 325\* Viral hepatitis
  - 3250 Viral hepatitis, unspecified
  - 3251 Type A viral hepatitis (infectious hepatitis)
  - 3252 Type B viral hepatitis (serum hepatitis)
  - 3253 Type C viral hepatitis
  - 3254 Type E viral hepatitis
  - 3259 Viral hepatitis, n.e.c.
  
  - 326\* Viral diseases of the conjunctiva
  - 3260 Viral diseases of the conjunctiva, unspecified
  - 3261 Viral conjunctivitis (ophthalmia)
  - 3269 Viral diseases of the conjunctiva, n.e.c.
  
  - 329\* Other diseases due to viruses
  - 3290 Other diseases due to viruses, unspecified
  - 3291 Rabies
  - 3292 Mumps
  - 3293 Infectious mononucleosis

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 3294 Foot and mouth disease  
3299 Other diseases due to viruses, n.e.c.
- 33\* Other arthropod-borne diseases**
- 330 Other arthropod-borne diseases, unspecified
- 331\* Rickettsioses diseases  
3310 Rickettsioses diseases, unspecified  
3311 Q fever  
3312 Spotted fevers and tick typhus  
3319 Rickettsioses diseases, n.e.c.
- 332 Malaria  
333 Lyme disease  
339 Other arthropod-borne diseases, n.e.c.
- 34\* Mycoses (fungal infections)**
- 340 Mycoses, unspecified  
341 Dermatophytosis (including athlete's foot, tinea)  
342 Coccidioidomycosis  
349 Mycoses, n.e.c.
- 35 Helminthiases (worm infections)**
- 36\* Infectious diseases peculiar to the intestines**
- 360 Infectious diseases peculiar to the intestines, unspecified  
361 Cholera  
362 Typhoid and paratyphoid fevers  
363 Other salmonella infections  
364 Other bacterial food poisoning (including botulism and staphylococcal food poisoning)  
365 Colitis  
366 Dysentery  
369 Infectious diseases peculiar to the intestines, n.e.c.
- 39\* Other infectious and parasitic diseases**
- 390 Other infectious and parasitic diseases, unspecified  
391 Pediculosis and phthirus infestation (lice)  
392 Scabies and other acariases  
393 Other infestations (including maggots, leeches, jigger disease)  
399 Other infectious and parasitic diseases, n.e.c.

\*-Asterisks denote a summary level code not assigned to individual cases.

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#### **4\* NEOPLASMS, TUMORS, AND CANCERS**

##### **41\* Malignant neoplasms and tumors (cancers, carcinomas, sarcomas)**

- 410 Malignant neoplasms and tumors (cancers, carcinomas, sarcomas), unspecified
- 411 Malignant neoplasms and tumors of bone and articular cartilage
  
- 412\* Malignant neoplasms and tumors of the skin
- 4120 Malignant neoplasms and tumors of the skin, unspecified
- 4121 Melanoma of the skin (melanocarcinoma)
- 4122 Non-melanoma skin cancer (squamous and basal cell)
- 4128 Multiple malignant neoplasms and tumors of the skin
  
- 413\* Malignant neoplasms and tumors of lymphatic and hematopoietic tissue
- 4130 Malignant neoplasms and tumors of lymphatic and hematopoietic tissue, unspecified
- 4131 Lymphosarcoma and reticulosarcoma (lymphoma)
- 4132 Hodgkin's disease
- 4133 Multiple myeloma
- 4134 Leukemias
- 4138 Multiple malignant neoplasms and tumors of lymphatic and hematopoietic tissue
- 4139 Malignant neoplasms and tumors of lymphatic and hematopoietic tissue, n.e.c.
  
- 414 Malignant neoplasms of digestive organs (esophagus, stomach, liver, intestines)
- 415 Malignant neoplasms of respiratory and intrathoracic (larynx, lung, sinuses, trachea)
  
- 416\* Malignant neoplasms of mesothelial and soft tissue
- 4161 Mesothelioma
- 4169 Malignant neoplasms of other connective and soft tissue
  
- 419 Malignant neoplasms and tumors of other sites

##### **42\* Benign neoplasms and tumors**

- 420 Benign neoplasms and tumors, unspecified
  
- 421\* Benign neoplasms of bone, connective tissue, and skin
- 4210 Benign neoplasms of bone, connective tissue, and skin, unspecified
- 4211 Benign neoplasms of bone and articular cartilage
- 4212 Lipoma (fatty tumor)
- 4213 Benign neoplasms of the skin
- 4218 Multiple benign neoplasms of bone, connective tissue, and skin
- 4219 Benign neoplasms of bone, connective tissue, and skin, n.e.c.
  
- 429\* Benign neoplasms and tumors of other sites

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 4290 Benign neoplasms and tumors of other sites, unspecified
  - 4291 Hemangioma and lymphangioma—any site
  - 4298 Multiple benign neoplasms and tumors of other sites
  - 4299 Benign neoplasms and tumors of other sites, n.e.c.

**43\* Neoplasms and tumors of unknown properties**

- 430 Neoplasms and tumors of unknown properties, unspecified
- 431 Bone, articular cartilage neoplasms and tumors of unknown properties
- 432 Connective and other soft tissue neoplasms and tumors of unknown properties
- 433 Skin neoplasms and tumors of unknown properties
- 438 Multiple neoplasms and tumors of unknown properties
- 439 Neoplasms and tumors of other sites of unknown properties, n.e.c.

\*-Asterisks denote a summary level code not assigned to individual cases.

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**5\* SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS**

**50 Symptoms, signs, and ill-defined conditions, unspecified**

**51\* Symptoms**

510 Symptoms, unspecified

511\* General symptoms

5110 General symptoms, unspecified

5111 Loss of consciousness—not heat related

5112 Convulsions, seizures

5113 Malaise and fatigue

5114 Dizziness—general

5115 Inflammation, swelling—general

5116 Numbness—general

5118 Multiple general symptoms

5119 General symptoms, n.e.c.

512\* Symptoms involving nervous and musculoskeletal systems

5120 Symptoms involving nervous and musculoskeletal systems, unspecified

5121 Spasms or tremors, n.e.c.

5122 Earache

5123 Eye strain

5128 Multiple symptoms involving nervous and musculoskeletal systems

5129 Symptoms involving nervous and musculoskeletal systems, n.e.c.

513\* Symptoms involving skin and other integumentary tissue

5130 Symptoms involving skin and other integumentary tissue, unspecified

5131 Edema (including dropsy)

5132 Cyanosis

5133 Pallor and flushing

5138 Multiple symptoms involving skin and other integumentary tissue

5139 Symptoms involving skin and other integumentary tissue, n.e.c.

514\* Symptoms involving head and neck

5140 Symptoms involving head and neck, unspecified

5141 Headache, except migraine

5142 Loss of voice, voice disturbances

5148 Multiple symptoms involving head and neck

5149 Symptoms involving head and neck, n.e.c.

515\* Symptoms involving cardiovascular system

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 5150 Symptoms involving cardiovascular system, unspecified
  - 5151 Unspecified tachycardia (rapid heartbeat)
  - 5152 Gangrene
  - 5153 Enlargement of lymph nodes
  - 5158 Multiple symptoms involving cardiovascular system
  - 5159 Symptoms involving cardiovascular system, n.e.c.
  
  - 516\* Symptoms involving respiratory system and chest
  - 5160 Symptoms involving respiratory system and chest, unspecified
  - 5161 Hyperventilation
  - 5162 Hemoptysis (cough with hemorrhage)
  - 5163 Abnormal sputum
  - 5164 Chest pain
  - 5168 Multiple symptoms involving respiratory system and chest
  - 5169 Symptoms involving respiratory system and chest, n.e.c.
  
  - 517\* Symptoms involving digestive and urinary system
  - 5170 Symptoms involving digestive and urinary system, unspecified
  - 5171 Nausea and vomiting—general
  - 5172 Heartburn
  - 5173 Frequency of urination and polyuria
  - 5174 Abdominal pain, unspecified
  - 5178 Multiple symptoms involving digestive or urinary system
  - 5179 Symptoms involving digestive and urinary system, n.e.c.
  
  - 518 Multiple symptoms
  - 519 Other symptoms, n.e.c.

**52\* Abnormal findings**

- 520 Abnormal findings, unspecified
- 521 Abnormal findings from examination of blood
- 522 Abnormal findings from examination of urine
- 523 Abnormal findings from other body substances
- 524 Abnormal findings from radiological and other examination of body structure
- 525 Abnormal findings from function studies
  
- 526\* Abnormal findings from histological and immunological studies
- 5260 Abnormal findings from histological and immunological studies, unspecified
- 5261 Positive reaction to tuberculin skin test, without a diagnosis of TB
- 5269 Abnormal findings from histological and immunological studies, n.e.c.
  
- 528 Multiple abnormal findings

\*-Asterisks denote a summary level code not assigned to individual cases.



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529 Other abnormal findings

**58 Multiple symptoms, signs, and ill-defined conditions**

**59 Symptoms, signs, and ill-defined conditions, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.

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**6\* OTHER DISEASES, CONDITIONS, AND DISORDERS**

**60 Other diseases, conditions, and disorders, unspecified**

**61\* Damage to prosthetic and orthopedic devices**

610 Damage to prosthetic and orthopedic devices, unspecified

611\* Damage to prosthetic devices and aids

6110 Damage to prosthetic devices, unspecified

6111 Damage to artificial limb(s)

6112 Damage to artificial eye(s)

6113 Damage to other devices

6118 Damage to multiple prosthetic devices

6119 Damage to prosthetic devices, n.e.c.

612\* Damage to orthopedic devices

6120 Damage to orthopedic devices, unspecified

6121 Damage to replaced joints

6122 Damage to pins, rods, plates, and screws

6128 Damage to multiple orthopedic devices

6129 Damage to orthopedic devices, n.e.c.

619 Damage to medical implants, n.e.c.

**62\* Mental disorders and syndromes**

620 Mental disorders and syndromes, unspecified

621\* Anxiety, stress

6210 Anxiety, stress, unspecified

6211 Post-traumatic stress disorder

6212 Adjustment disorder

6213 Anxiety or panic disorder

6219 Anxiety, stress, n.e.c.

622 Depression or depressive episode

629 Mental disorders and syndromes, n.e.c.

**69 Other diseases, conditions, and disorders, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 7 EXPOSURES TO DISEASE—NO ILLNESS INCURRED**
  - 8 MULTIPLE DISEASES, CONDITIONS, AND DISORDERS**
  - 9999 Nonclassifiable**

\*-Asterisks denote a summary level code not assigned to individual cases.

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\*-Asterisks denote a summary level code not assigned to individual cases.

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<b>SECTION 3.2</b>
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<b>Part of</b>
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<b>Body Affected</b>
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<b>Code Titles</b>
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\*-Asterisks denote a summary level code not assigned to individual cases.

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### 3.2 Part of Body Affected—Code Titles

The Part of Body Affected code structure is arranged in order from the top of the body (Division 1, Head) to the bottom of the body (Division 5, Lower Extremities). Division 6 classifies body systems. Division 8 classifies multiple body parts from two or more divisions. Division 9 classifies Prosthetic and orthopedic devices and any human parts of the body which are not classified or listed under any of the other divisions.

The Part of Body Affected divisions are arranged as follows:

<u>DIVISION</u>	<u>TITLE</u>
1	Head
2	Neck, Including Throat
3	Trunk
4	Upper Extremities
5	Lower Extremities
6	Body Systems
8	Multiple Body Parts
9	Other Body Parts
9999	Nonclassifiable

\*-Asterisks denote a summary level code not assigned to individual cases.

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**1\* HEAD**

**10 Head, unspecified**

**11\* Cranial region, including skull**

- 110 Cranial region, unspecified
- 111 Brain
- 112 Scalp
- 113 Skull
- 118 Multiple cranial region locations
- 119 Cranial region, n.e.c.

**12 Ear(s)**

**13\* Face**

- 130 Face, unspecified
- 131 Forehead
- 132 Eye(s)

**133\* Nose, nasal cavity**

- 1330 Nose, except internal location of diseases or disorders

**Internal Nasal Location of Diseases or Disorders:**

- 1331 Internal nasal location, unspecified
- 1332 Nasopharynx
- 1333 Nasal passage(s)
- 1334 Sinus(es)
- 1338 Multiple internal nasal locations
- 1339 Internal nasal location, n.e.c.

- 134 Cheek(s)

- 135 Jaw, chin

**136\* Mouth**

- 1360 Mouth, unspecified
- 1361 Lip(s)
- 1362 Tongue
- 1363 Tooth (teeth)
- 1364 Gum
- 1368 Multiple mouth locations
- 1369 Mouth, n.e.c.

- 138 Multiple face locations

\*-Asterisks denote a summary level code not assigned to individual cases.

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139 Face, n.e.c.

**18 Multiple head locations**

**19 Head, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.



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**2\* NECK, INCLUDING THROAT**

20 Neck, except internal location of diseases or disorders

**Internal Neck Location of Diseases or Disorders:**

21 Internal neck location, unspecified

22 Vocal cord(s)

23 Larynx

24 Laryngopharynx

25 Pharynx

26 Trachea

28 Multiple internal neck locations

29 Internal neck location, n.e.c.

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 3\***    **TRUNK**
- 30**    **Trunk, unspecified**
- 31\***    **Chest, including ribs, internal organs**
- 310    Chest, except internal location of diseases or disorders  
      **Internal Chest Location of Diseases or Disorders**
- 311    Internal chest location, unspecified
- 312    Esophagus
- 313    Heart
- 314    Bronchus
- 315    Lung(s), pleura
- 316    Breast(s)—internal
- 318    Multiple internal chest locations
- 319    Internal chest location, n.e.c.
- 32\***    **Back, including spine, spinal cord**
- 320    Back, including spine, spinal cord, unspecified
- 321    Thoracic region
- 322    Lumbar region
- 323    Sacral region
- 324    Coccygeal region
- 328    Multiple back regions
- 329    Back, including spine, spinal cord, n.e.c.
- 33\***    **Abdomen**
- 330    Abdomen, except internal location of diseases or disorders  
      **Internal Abdominal Locations of Diseases or Disorders**
- 331    Internal abdominal location, unspecified
- 332    Stomach organ
- 333    Spleen
- 334\*    Urinary organs
- 3340    Urinary organs, unspecified
- 3341    Bladder
- 3342    Kidney(s)
- 3348    Multiple urinary organs
- 3349    Urinary organs, n.e.c.
- 335\*    Intestines, peritoneum

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 3350 Intestines, peritoneum, unspecified
  - 3351 Peritoneum
  - 3352 Small intestine
  - 3353 Large intestine, colon, rectum
  - 3358 Multiple intestinal locations
  - 3359 Intestines, peritoneum, n.e.c.
  
  - 336\* Other digestive structures
  - 3360 Other digestive structures, unspecified
  - 3361 Liver
  - 3362 Gallbladder
  - 3363 Pancreas
  - 3368 Multiple other digestive structures
  - 3369 Other digestive structures, n.e.c.
  
  - 338 Multiple internal abdominal locations
  - 339 Internal abdominal location, n.e.c.
  
  - 34\* Pelvic region**
  
  - 340 Pelvic region, unspecified
  - 341 Hip(s)
  - 342 Pelvis
  - 343 Buttock(s)
  - 344 Groin
  
  - 345\* External reproductive tract structures
  - 3450 External reproductive tract structures, unspecified
  - 3451 Scrotum
  - 3452 Penis
  - 3453 External female genital region
  - 3458 Multiple external reproductive tract structures
  - 3459 External reproductive tract structures, n.e.c.
  
  - 346\* Internal reproductive tract structures
  - 3460 Internal reproductive tract structures, unspecified
  - 3461 Prostate
  - 3462 Testis (testes)
  - 3463 Ovary (ovaries)
  - 3464 Uterus
  - 3465 Female genitals, n.e.c.
  - 3468 Multiple internal reproductive tract structures
  - 3469 Internal reproductive tract structures, n.e.c.

\*-Asterisks denote a summary level code not assigned to individual cases.

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348 Multiple pelvic region locations

349 Pelvic region, n.e.c.

**38 Multiple trunk locations**

**39 Trunk, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 4\***     **UPPER EXTREMITIES**
- 40**     **Upper extremities, unspecified**
- 41**     **Shoulder(s), including clavicle(s), scapula(e)**
- 42\***     **Arm(s)**
- 420     Arm(s), unspecified
- 421     Upper arm(s)
- 422     Elbow(s)
- 423     Forearm(s)
- 428\*     Multiple arm locations
- 4280     Multiple arm locations, unspecified
- 4281     Elbow(s) and arm(s)
- 4289     Multiple arm locations, n.e.c.
- 429     Arm(s), n.e.c.
- 43**     **Wrist(s)**
- 44\***     **Hand(s)**
- 440     Hand(s), unspecified
- 441     Hand(s), except finger(s)
- 442\*     Finger(s), fingernail(s)
- 4420     Finger(s), fingernail(s), unspecified
- 4421     Fingernail(s), nailbed(s)
- 4422     Fingertip(s)
- 4429     Finger(s), fingernail(s), n.e.c.
- 448     Hand(s) and finger(s)
- 449     Hand(s), n.e.c.
- 48\***     **Multiple upper extremities locations**
- 480     Multiple upper extremities locations, unspecified
- 481\*     Hand(s) and arms(s)
- 4810     Hand(s) and arm(s), unspecified
- 4811     Hand(s) and elbow(s)
- 4819     Hand(s) and arm(s), n.e.c.

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 482 Hand(s) and wrist(s)
  - 483\* Wrist(s) and arm(s)
  - 4830 Wrist(s) and arm(s), unspecified
  - 4831 Wrist(s) and elbow(s)
  - 4839 Wrist(s) and arm(s), n.e.c.
  
  - 484 Shoulder(s) and arm(s)
  - 489 Multiple upper extremities locations, n.e.c.
  
  - 49 Upper extremities, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.

---

**5\* LOWER EXTREMITIES**

**50 Lower extremities, unspecified**

**51\* Leg(s)**

510 Leg(s), unspecified

511 Thigh(s)

512 Knee(s)

513 Lower leg(s)

518\* Multiple leg locations

5180 Multiple leg locations, unspecified

5181 Knee(s) and leg(s)

5189 Multiple leg locations, n.e.c.

519 Leg(s), n.e.c.

**52 Ankle(s)**

**53\* Foot (feet)**

530 Foot (feet), unspecified

531\* Sole(s)

5310 Sole(s), unspecified

5311 Ball(s) of the foot

5312 Arch(es), instep(s)

5313 Heel(s)

5318 Multiple sole locations

5319 Sole(s), n.e.c.

532 Toes(s), toenail(s)

538 Multiple foot (feet) locations

539 Foot (feet), n.e.c.

**58\* Multiple lower extremities locations**

580 Multiple lower extremities locations, unspecified

581\* Foot (feet) and leg(s)

5810 Foot(feet) and leg(s), unspecified

5811 Foot(feet) and knee(s)

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 5819 Foot(feet) and leg(s), n.e.c.
  - 582 Foot (feet) and ankle(s)
  - 583\* Ankle(s) and leg(s)
  - 5830 Ankle(s) and leg(s), unspecified
  - 5831 Ankle(s) and knee(s)
  - 5839 Ankle(s) and leg(s), n.e.c.
  
  - 589 Multiple lower extremities locations, n.e.c.
  
  - 59 Lower extremities, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.



---

**6 BODY SYSTEMS**

**8\* MULTIPLE BODY PARTS**

80 Multiple body parts, unspecified

81 Head and neck

82 Head, neck, and trunk

83 Head and trunk

84 Neck and back

85 Shoulder(s) and back

86 Hip(s) and leg(s)

87 Upper and lower limb(s)

**89\* Other multiple body parts**

891 Whole body

899 Multiple body parts, n.e.c.

**9\* OTHER BODY PARTS**

**91\* Prosthetic and orthopedic devices**

910 Prosthetic and orthopedic devices, unspecified

911 Prosthetic and orthopedic devices of the head

912 Prosthetic and orthopedic devices of the trunk

913 Prosthetic and orthopedic devices of the upper extremities

914 Prosthetic and orthopedic devices of the lower extremities

918 Prosthetic and orthopedic devices involving multiple body parts

919 Prosthetic and orthopedic devices, n.e.c.

**9999 Nonclassifiable**

\*-Asterisks denote a summary level code not assigned to individual cases.

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\*-Asterisks denote a summary level code not assigned to individual cases.

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## **SECTION 3.3**

### **Source and Secondary Source of Injury or Illness Code Titles**

\*-Asterisks denote a summary level code not assigned to individual cases.

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### **3.3 Source of Injury or Illness; Secondary Source of Injury or Illness—Code Titles**

The Source of Injury or Illness code structure is arranged in nine divisions, 1 through 9. Division 9 contains codes for classifying sources that are not classified or listed under any of the other divisions. The Secondary Source of Injury or Illness uses the Source of Injury or Illness titles and descriptions.

The Source of Injury or Illness divisions are arranged as follows:

<b><u>DIVISION</u></b>	<b><u>TITLE</u></b>
1	Chemicals and Chemical Products
2	Containers, Furniture, and Fixtures
3	Machinery
4	Parts and Materials
5	Persons, Plants, Animals, and Minerals
6	Structures and Surfaces
7	Tools, Instruments, and Equipment
8	Vehicles
9	Other Sources
9999	Nonclassifiable

\*-Asterisks denote a summary level code not assigned to individual cases.

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**1\* CHEMICALS AND CHEMICAL PRODUCTS**

**10 Chemicals and chemical products, unspecified**

**11\* Acids and alkalis**

110 Acids and alkalis, unspecified

111\* Acids

1110 Acids, unspecified

1111 Acetic acid, vinegar

1112 Hydrogen chloride, hydrochloric acid

1113 Hydrogen fluoride, hydrofluoric acid

1114 Nitric acid

1115 Sulfuric acid

1118 Multiple acids

1119 Acids, n.e.c.

112\* Alkalies

1120 Alkalies, unspecified

1121 Cement, mortar mix—dry

1122 Cement, mortar mix—wet

1123 Lime

1124 Limestone, calcium carbonate

1125 Sodium and potassium hydroxide, potassium carbonate

1128 Multiple alkalies

1129 Alkalies, n.e.c.

**12\* Aromatics and hydrocarbon derivatives, except halogenated**

120 Aromatics and hydrocarbon derivatives, except halogenated, unspecified

121\* Alcohols

1210 Alcohols, unspecified

1211 Antifreeze

1212 Ethanol

1213 Ethylene glycol

1214 Methanol

1219 Alcohols, n.e.c.

122\* Aldehydes

1220 Aldehydes, unspecified

1221 Formaldehyde

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 1222 Glutaraldehyde  
1229 Aldehydes, n.e.c.
- 123\* Aromatics  
1230 Aromatics, unspecified  
1231 Benzene  
1232 Hydroquinone  
1233 Toluene  
1234 Xylene  
1235 Phenol  
1236 Styrene  
1239 Aromatics, n.e.c.
- 124\* Ketones  
1240 Ketones, unspecified  
1241 Acetone  
1242 Diacetyl  
1243 Methyl ethyl ketone  
1244 Methyl n-butyl ketone  
1249 Ketones, n.e.c.
- 128 Multiple aromatics and hydrocarbon derivatives, except halogenated
- 129\* Other aromatics and hydrocarbon derivatives, except halogenated  
1291 Acrylamide  
1292 Acrylonitrile  
1293 Dimethylformamide  
1294 Dioxane  
1295 Ethylene oxide  
1296 Nitro hydrocarbons, except aromatic  
1299 Aromatics and hydrocarbon derivatives, except halogenated, n.e.c.
- 13\* Halogens and halogen compounds**
- 130 Halogens and halogen compounds, unspecified  
131\* Chlorine and chlorine compounds  
1310 Chlorine compounds, unspecified  
1311 Chlorine, chlorine bleach  
1312 Dichloromethane  
1313 Perchloroethylene  
1314 Phosgene  
1315 Trichloroethylene  
1319 Chlorine compounds, n.e.c.

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 132\* Fluorine and fluorine compounds  
1320 Fluorine compounds, unspecified  
1321 Fluorine  
1322 Fluorotrichloromethane  
1329 Fluorine compounds, n.e.c.
- 139 Halogens and halogen compounds, n.e.c.
- 14\* Metallic particulates, trace elements, dusts, powders, fumes**
- 140 Metallic particulates, trace elements, dusts, powders, fumes, unspecified  
141 Arsenic and compounds  
142 Beryllium and compounds  
143 Cadmium and compounds  
144 Lead and compounds  
145 Mercury and compounds
- 146\* Other metallics and compounds  
1460 Other metallics and compounds, unspecified  
1461 Aluminum and compounds  
1462 Antimony and compounds  
1463 Chromium and compounds  
1464 Manganese and compounds  
1465 Cobalt and compounds  
1469 Metallics and compounds, n.e.c.
- 147 Welding or soldering fumes, unspecified or n.e.c.  
148 Multiple metallics and metallic compounds  
149 Metallic particulates, trace elements, dusts, powders, fumes, n.e.c.
- 15\* Pesticides and other agricultural chemicals**
- 150 Pesticides and other agricultural chemicals, unspecified  
151 Fertilizers, plant food, n.e.c.  
152 Fumigants, n.e.c.  
153 Fungicides  
154 Herbicides  
155 Insecticides  
156 Rodenticides  
158 Multiple agricultural chemicals  
159 Pesticides and other agricultural chemicals, n.e.c.
- 16\* Coal, natural gas, petroleum fuels and products**

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 160 Coal, natural gas, petroleum fuels and products, unspecified
  - 161 Coal, coal dust
  - 162 Natural gas
  - 163 Petroleum, crude oil
  
  - 164\* Petroleum fuels, distillates, and products, n.e.c.
  - 1640 Petroleum fuels, distillates, and products, unspecified
  - 1641 Gasoline, diesel fuel, jet fuel
  - 1642 Lubricating greases, cutting oils
  - 1643 Propane
  - 1644 Paving asphalt, asphaltic cement
  - 1649 Petroleum fuels, distillates, and products, n.e.c.
  
  - 169 Coal, natural gas, petroleum fuels and products, n.e.c.
  
  - 17\* Other chemicals**
  
  - 170 Other chemicals, unspecified
  
  - 171\* Ammonia and ammonium compounds
  - 1710 Ammonia and ammonium compounds, unspecified
  - 1711 Ammonia, anhydrous ammonia
  - 1712 Ammonium sulfate
  - 1718 Multiple ammonia and ammonium compounds
  - 1719 Ammonia and ammonium compounds, n.e.c.
  
  - 172 Cryogenic gases
  
  - 173\* Cyanide and cyanide compounds
  - 1730 Cyanide and cyanide compounds, unspecified
  - 1731 Hydrogen cyanide
  - 1739 Cyanide and cyanide compounds, n.e.c.
  
  - 174\* Oxygen and oxygen compounds
  - 1740 Oxygen and oxygen compounds, unspecified
  - 1741 Carbon monoxide
  - 1742 Carbon dioxide, dry ice
  - 1743 Nitrogen oxides
  - 1744 Osmium tetroxide
  - 1748 Multiple oxygen and oxygen compounds
  - 1749 Oxygen and oxygen compounds, n.e.c.
  
  - 175\* Plastics, resins

\*-Asterisks denote a summary level code not assigned to individual cases.



- 
- 1750 Plastics, resins, unspecified
  - 1751 Cyanates, urethanes
  - 1752 Resins
  - 1759 Plastics, resins, n.e.c.
  
  - 176\* Sewer, mine, and similar gases
  - 1760 Sewer, mine, and similar gases, unspecified
  - 1761 Methane gas
  - 1762 Mine gas
  - 1763 Sewer gas
  - 1764 Manure gas
  - 1769 Sewer, mine, and similar gases, n.e.c.
  
  - 177\* Sulfur and sulfur compounds
  - 1770 Sulfur and sulfur compounds, unspecified
  - 1771 Hydrogen sulfide
  - 1772 Carbon bisulfide
  - 1773 Sulfur dioxide
  - 1778 Multiple sulfur and sulfur compounds
  - 1779 Sulfur and sulfur compounds, n.e.c.
  
  - 178 Multiple chemicals or chemical mixtures, n.e.c.
  
  - 179\* Other chemicals, n.e.c.
  - 1791 Nitrogen
  - 1792 Helium
  - 1793 Hydrogen
  - 1794 Phosphine, phosphane
  - 1799 Chemicals, n.e.c.
  
  - 18\* Chemical products—general**
  
  - 180 Chemical products, unspecified
  - 181 Adhesives, glues, n.e.c.
  - 182 Beauty preparations, cosmetics
  
  - 183\* Cleaning and polishing agents, disinfectants
  - 1830 Cleaning and polishing agents, unspecified
  - 1831 Bleach—nonchlorine, nonperoxide
  - 1832 Disinfectants
  - 1833 Drain and oven cleaners
  - 1834 Soap products
  - 1835 Synthetic detergents and shampoos

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 1838 Multiple cleaning and polishing agents
  - 1839 Cleaning and polishing agents, n.e.c.
  
  - 184\* Drugs, alcohol, and medicines
  - 1840 Drugs, alcohol, and medicines, unspecified
  - 1841 Alcoholic beverages
  - 1842 Drugs—nonmedicinal
  - 1843 Medicines, except vaccines
  - 1844 Vaccines
  - 1848 Multiple drugs, alcohol, and medicines
  - 1849 Drugs, alcohol, and medicines, n.e.c.
  
  - 185\* Explosives, blasting agents
  - 1850 Explosives, blasting agents, unspecified
  - 1851 Dynamite
  - 1852 Flammable gas, unspecified
  - 1853 Gunpowder
  - 1854 Pyrotechnics, fireworks
  - 1859 Explosives, blasting agents, n.e.c.
  
  - 186\* Paint, lacquer, shellac, varnish
  - 1860 Paint, lacquer, shellac, varnish, unspecified
  - 1861 Lacquer, shellac, varnish
  - 1862 Paint
  - 1868 Multiple paint, lacquer, shellac, or varnishes
  - 1869 Paint, lacquer, shellac, varnish, n.e.c.
  
  - 187\* Solvents, degreasers
  - 1870 Solvents, degreasers, unspecified
  - 1871 Naphtha solvents
  - 1872 Paint removers, thinners
  - 1873 2-Butoxyethanol
  - 1878 Multiple solvents, degreasers
  - 1879 Solvents, degreasers, n.e.c.
  
  - 189\* Other chemical products—general
  - 1891 Dyes, inks
  - 1892 Photographic and copying solutions
  - 1893 Food colorings and flavorings
  - 1899 Chemical products, n.e.c.

**19 Chemicals and chemical products, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.

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\*-Asterisks denote a summary level code not assigned to individual cases.

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**2\***     **CONTAINERS, FURNITURE AND FIXTURES**

**20**     **Containers, furniture, and fixtures, unspecified**

**21\***     **Containers**

210     Containers, unspecified

211\*    Containers—nonpressurized

2110    Containers—nonpressurized, unspecified

2111    Bags, sacks

2112    Barrels, drums—except pressurized

2113    Bottles, jugs, flasks

2114    Boxes, crates, cartons

2115    Buckets, baskets, pails

2116    Cans

2117    Pots, pans, trays

2118    Tanks, bins, vats—nonconfined space

2119    Containers—nonpressurized, n.e.c.

212\*    Containers—pressurized

2120    Containers—pressurized, unspecified

2121    Boilers

2122    Hoses

2123    Oxygen tanks and cylinders

2124    Pressure lines, except hoses

2125    Propane tanks and cylinders

2126    Beer and soda kegs

2127    Fire extinguishers

2129    Containers—pressurized, n.e.c.

213\*    Containers—variable restraint

2130    Containers—variable restraint, unspecified

2131    Bundles, bales

2132    Packages, parcels

2133    Reels, rolls, spools, coils, cones

2139    Containers—variable restraint, n.e.c.

214\*    Dishes, drinking cups, beverage glasses

2140    Dishes, drinking cups, beverage glasses, unspecified

2141    Dishes, bowls

2142    Glasses—beverage, drinking cups

2149    Dishes, drinking cups, beverage glasses, n.e.c.

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 215\* Luggage, handbags
  - 2150 Luggage, handbags, unspecified
  - 2151 Briefcases
  - 2152 Handbags, pocketbooks, wallets, tote bags
  - 2153 Suitcases, baggage, luggage
  - 2154 Computer and laptop cases
  - 2155 Backpacks
  - 2156 Mail bags and satchels—shoulder
  - 2157 Tool belts
  - 2158 Multiple luggage and handbags
  - 2159 Luggage, handbags, n.e.c.
  
  - 216 Skids, pallets
  - 218 Multiple types of containers
  - 219 Containers, n.e.c.
  
  - 22\* Furniture and fixtures**
  
  - 220 Furniture and fixtures, unspecified
  
  - 221\* Cases, cabinets, racks, shelves
  - 2210 Cases, cabinets, racks, shelves, unspecified
  - 2211 Bookcases
  - 2212 Cabinets, cases—display, storage
  - 2213 Counters, counter tops
  - 2214 Racks—garment and other
  - 2215 Lockers
  - 2216 Partitions
  - 2217 Shelves, shelving
  - 2218 Cages, cage racks
  - 2219 Cases, cabinets, racks, shelves, n.e.c.
  
  - 222\* Floor, wall, and window coverings
  - 2220 Floor, wall, and window coverings, unspecified
  - 2221 Floor coverings—nonstructural
  - 2222 Wall coverings
  - 2223 Window coverings, blinds, shades, draperies
  - 2229 Floor, wall, and window coverings, n.e.c.
  
  - 223\* Furniture
  - 2230 Furniture, unspecified
  - 2231 Beds, mattresses
  - 2232 Benches, workbenches, saw horses

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 2233 Chairs
  - 2234 Desks
  - 2235 Sofas
  - 2236 Tables, worktables
  - 2237 Dressers, armoires
  - 2238 Multiple types of furniture
  - 2239 Furniture, n.e.c.
  
  - 224\* Lighting fixtures and equipment
  - 2240 Lighting equipment, unspecified
  - 2241 Lamps, light fixtures
  - 2242 Light bulbs
  - 2249 Lighting equipment, n.e.c.
  
  - 225\* Plumbing fixtures
  - 2250 Plumbing fixtures, unspecified
  - 2251 Bathtubs, hot tubs, showers
  - 2252 Sinks
  - 2253 Toilets, urinals
  - 2259 Plumbing fixtures, n.e.c.
  
  - 226\* Blackboards, bulletin boards, mirrors
  - 2260 Blackboards, bulletin boards, mirrors, unspecified
  - 2261 Blackboards, bulletin boards, mirrors—wall-mounted
  - 2262 Blackboards, bulletin boards, mirrors—stand-alone
  
  - 229 Furniture and fixtures, n.e.c.
  
  - 29 Containers, furniture, and fixtures, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.

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**3\* MACHINERY**

**30 Machinery, unspecified**

**31\* Agricultural and garden machinery**

310 Agricultural and garden machinery, unspecified

311\* Harvesting and threshing machinery

3110 Harvesting and threshing machinery, unspecified

3111 Balers—agricultural

3112 Combines

3113 Harvesters, reapers

3114 Threshers

3119 Harvesting and threshing machinery, n.e.c.

312\* Mowing machinery

3120 Mowing machinery, unspecified

3121 Lawn mowers—nonriding, powered

3122 Lawn mowers—riding

3123 Brush hogs—tractor

3124 Sickle bars—tractor

3125 Mower—tractor, n.e.c.

3129 Mowing machinery, n.e.c.

313\* Plowing, planting, and fertilizing machinery

3130 Plowing, planting, and fertilizing machinery, unspecified

3131 Plowing and cultivating machinery

3132 Seed planting machinery

3133 Spreading machinery—agricultural

3139 Plowing, planting, and fertilizing machinery, n.e.c.

319\* Other agricultural and garden machinery

3190 Other agricultural and garden machinery, unspecified

3191 Feed grinders, crushers, mixers—agricultural

3192 Spraying and dusting machinery—agricultural

3193 Irrigation machinery

3199 Agricultural and garden machinery, n.e.c.

**32\* Construction, logging, and mining machinery**

320 Construction, logging, and mining machinery, unspecified

321\* Excavating machinery

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 3210 Excavating machinery, unspecified
  - 3211 Backhoes, trackhoes
  - 3212 Bulldozers
  - 3213 Front and power shovels
  - 3214 Mini excavators
  - 3215 Trenchers
  - 3219 Excavating machinery, n.e.c.
  
  - 322\* Loaders
  - 3220 Loaders, unspecified
  - 3221 Bucket, front-end, end, and pay loaders
  - 3222 Skid steer loaders, mini loaders
  - 3229 Loaders, n.e.c.
  
  - 323\* Logging and wood processing machinery—specialized
  - 3230 Logging and wood processing machinery—specialized, unspecified
  - 3231 Mechanical harvesters—logging
  - 3232 Forwarding and yarding machinery, except feller-forwarders
  - 3233 Skidders—cable and grapple
  - 3234 Chippers
  - 3235 Log processing machinery
  - 3236 Combination log processing machinery
  - 3237 Log loaders
  - 3239 Logging and wood processing machinery—specialized, n.e.c.
  
  - 324\* Mining and drilling machinery
  - 3240 Mining and drilling machinery, unspecified
  - 3241 Drilling machines, drilling augers
  - 3242 Mineral sorters, separators, concentrators
  - 3243 Tunneling machines
  - 3244 Oil drilling rigs and machinery
  - 3249 Mining and drilling machinery, n.e.c.
  
  - 325\* Road grading and surfacing machinery
  - 3250 Road grading and surfacing machinery, unspecified
  - 3251 Asphalt and concrete spreaders
  - 3252 Asphalt and concrete paving machines, pavers
  - 3253 Rollers, compactors—construction
  - 3254 Graders, scrapers—construction
  - 3255 Milling machines, cold planers, and road profilers
  - 3256 Road recyclers, road reclaimers
  - 3257 Material transfer machines
  - 3258 Road linemarking and striping machinery

\*-Asterisks denote a summary level code not assigned to individual cases.



- 
- 3259 Road grading and surfacing machinery, n.e.c.
  - 329\* Other construction, logging, and mining machinery
  - 3290 Other construction, logging, and mining machinery, unspecified
  - 3291 Agitators, mixers—earth, mineral
  - 3292 Compactors, crushers, pulverizers—earth, mineral
  - 3293 Pile drivers, tamping machinery
  - 3299 Construction, logging, and mining machinery, n.e.c.
  - 33\* Heating, cooling, and cleaning machinery and appliances**
  - 330 Heating, cooling, and cleaning machinery and appliances, unspecified
  - 331\* Cooling and humidifying machinery and appliances
  - 3310 Cooling and humidifying machinery and appliances, unspecified
  - 3311 Air conditioning units
  - 3312 Fans, blowers—wall, floor, ceiling, ventilation
  - 3313 Humidifiers, dehumidifiers, vaporizers
  - 3314 Refrigerators, freezers, ice makers
  - 3319 Cooling and humidifying machinery and appliances, n.e.c.
  - 332\* Heating and cooking machinery and appliances
  - 3320 Heating and cooking machinery and appliances, unspecified
  - 3321 Beverage heating and percolating equipment and appliances
  - 3322 Broiling and frying equipment and appliances
  - 3323 Fabric pressers and ironing appliances
  - 3324 Furnaces, heaters
  - 3325 Kilns
  - 3326 Ranges, cooking ovens, grills, toasters, food warmers
  - 3327 Steaming equipment and appliances
  - 3329 Heating and cooking machinery and appliances, n.e.c.
  - 333\* Washers, dryers, and cleaning machinery and appliances
  - 3330 Washers, dryers, and cleaning machinery and appliances, unspecified
  - 3331 Car or vehicle washing machinery
  - 3332 Clothes dryers
  - 3333 Clothes washers
  - 3334 Dishwashers
  - 3335 Hair and hand dryers
  - 3336 Vacuum cleaners
  - 3339 Washers, dryers, and cleaning machinery and appliances, n.e.c.
  - 339 Heating, cooling, and cleaning machinery and appliances, n.e.c.

\*-Asterisks denote a summary level code not assigned to individual cases.

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**34\* Material and personnel handling machinery**

340 Material and personnel handling machinery, unspecified

341\* Conveyors—gravity and nonpowered

3410 Conveyors—gravity and nonpowered, unspecified

3411 Chutes

3412 Conveyors—roller

3413 Conveyors—wheel

3419 Conveyors—gravity and nonpowered, n.e.c.

342\* Conveyors—powered

3420 Conveyors—powered, unspecified

3421 Conveyors—belt

3422 Conveyors—bucket, cup

3423 Conveyors—chain

3424 Conveyors—live roller

3425 Conveyors—pan

3426 Conveyors—pneumatic

3427 Conveyors—screw, auger

3428 Conveyors—slot

3429 Conveyors—powered, n.e.c.

343\* Cranes

3430 Cranes, unspecified

3431 Cranes—truck-mounted

3432 Cranes—rail-mounted

3433 Cranes—floating, barge mounted

3434 Cranes—other mobile cranes

3435 Cranes—tower, self-erecting, portal, pillar, hammerhead

3436 Cranes—gantry, overhead, monorail, container

3437 Cranes—other fixed or stationary cranes

3439 Cranes, n.e.c.

344\* Overhead hoists

3440 Overhead hoists, unspecified

3441 Overhead hoists—electric powered

3442 Overhead hoists—manual

3443 Overhead hoists—pneumatic powered

3449 Overhead hoists, n.e.c.

345 Derricks and related equipment

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 346\* Elevators, hoists, aerial lifts, personnel platforms—except truck-mounted
  - 3460 Elevators, hoists, aerial lifts, personnel platforms—except truck-mounted, unspecified
  - 3461 Dumbwaiters
  - 3462 Elevators
  - 3463 Manlifts
  - 3464 Automobile lifts and hoists
  - 3465 Material and personnel hoists
  - 3466 Boat lifts
  - 3467 Aerial lifts, scissor lifts—except truck-mounted
  - 3469 Elevators, hoists, aerial lifts, personnel platforms—except truck-mounted, n.e.c.
  
  - 347 Jacks
  
  - 348\* Ski lifts, nonrail amusement rides
  - 3480 Ski lifts, nonrail amusement rides, unspecified
  - 3481 Ski lifts, gondola rides
  - 3482 Nonrail amusement rides
  - 3489 Ski lifts, nonrail amusement rides, n.e.c.
  
  - 349\* Other material and personnel handling machinery
  - 3490 Other material and personnel handling machinery, unspecified
  - 3491 Winders, unwinders
  - 3492 Banding, baling, strapping machinery
  - 3493 Stacking machinery
  - 3499 Material and personnel handling machinery, n.e.c.
  
  - 35\* Metal, woodworking, and special material machinery**
  
  - 350 Metal, woodworking, and special material machinery, unspecified
  
  - 351\* Bending, rolling, shaping machinery
  - 3510 Bending, rolling, shaping machinery, unspecified
  - 3511 Bending, crimping machines
  - 3512 Shearing machines
  - 3513 Rolling mills, rolling, calendering machinery
  - 3519 Bending, rolling, shaping machinery, n.e.c.
  
  - 352\* Boring, drilling, planing, milling machinery
  - 3520 Boring, drilling, planing, milling machinery, unspecified
  - 3521 Drills—stationary
  - 3522 Planing mills
  - 3523 Milling machines
  - 3524 Reaming machines

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 3525 Boring, routing, notching machines
  - 3529 Boring, drilling, planing, milling machinery, n.e.c.
  
  - 353\* Extruding, injecting, forming, molding machinery
  - 3530 Extruding, injecting, forming, molding machinery, unspecified
  - 3531 Casting machinery
  - 3532 Extruding machinery
  - 3533 Forging machinery
  - 3534 Plastic injection molding machinery
  - 3539 Extruding, injecting, forming, molding machinery, n.e.c.
  
  - 354\* Grinding, polishing machinery
  - 3540 Grinding, polishing machinery, unspecified
  - 3541 Grinders, abraders
  - 3542 Honing, polishing, lapping machinery
  - 3549 Grinding, polishing machinery, n.e.c.
  
  - 355\* Lathes
  - 3550 Lathes, unspecified
  - 3551 Metalworking lathes
  - 3552 Woodworking lathes
  - 3559 Lathes, n.e.c.
  
  - 356\* Presses, except printing
  - 3560 Presses, except printing, unspecified
  - 3561 Assembly presses
  - 3562 Brake presses
  - 3563 Punch presses
  - 3569 Presses, except printing, n.e.c.
  
  - 357\* Sawing machinery—stationary
  - 3570 Sawing machinery—stationary, unspecified
  - 3571 Arm saws, radial arm saws
  - 3572 Band saws
  - 3573 Table saws
  - 3579 Sawing machinery—stationary, n.e.c.
  
  - 358 Threading and tapping machines
  
  - 359\* Other metal, woodworking, and special material machinery
  - 3590 Other metal, woodworking, and special material machinery, unspecified
  - 3591 Electrochemical and discharge machinery (EDM)
  - 3592 Laser cutting machinery

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 3593 Pressure fluid cutting machinery
  - 3594 Welding machinery
  - 3599 Metal, woodworking, and special material machinery, n.e.c.

**36\* Office and business machinery**

- 360 Office and business machinery, unspecified
- 361\* Computers and peripheral equipment
- 3610 Computers and peripheral equipment, unspecified
- 3611 Computer monitors
- 3612 Computers—CPUs
- 3613 Keyboards—computer
- 3614 Optical scanners
- 3615 Printers and plotters—computer
- 3616 Computer mice, laptop trackpads
- 3618 Multiple computer and peripheral equipment
- 3619 Computers and peripheral equipment, n.e.c.
- 362\* Office, banking, and retail machinery
- 3620 Office, banking, and retail machinery, unspecified
- 3621 Automated teller machines
- 3622 Calculating machines and cash registers
- 3623 FAX machines
- 3624 Mailing and metering machines
- 3625 Photocopiers
- 3626 Typewriters and word processing equipment
- 3627 Shredders
- 3629 Office, banking, and retail machinery, n.e.c.
- 369 Office and business machinery, n.e.c.

**37\* Special process machinery**

- 370 Special process machinery, unspecified
- 371\* Food and beverage processing machinery—specialized
- 3710 Food and beverage processing machinery—specialized, unspecified
- 3711 Food slicers
- 3712 Juice, oil, and fat extractors
- 3713 Meat grinders
- 3714 Mixers, blenders, whippers—food and beverage
- 3715 Butchering machinery

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 3716 Dairy and milk processing machinery—specialized
  - 3719 Food and beverage processing machinery—specialized, n.e.c.
  
  - 372\* Medical, surgical, x-ray machinery and equipment
  - 3720 Medical, surgical, x-ray machinery and equipment, unspecified
  - 3721 Medical machinery and equipment, except x-ray
  - 3722 X-ray, magnetic resonance imaging (MRI), and fluoroscope machinery and equipment
  - 3729 Medical, surgical, x-ray machinery and equipment, n.e.c.
  
  - 373\* Packaging, bottling, wrapping machinery
  - 3730 Packaging, bottling, wrapping machinery, unspecified
  - 3731 Bottling, canning, filling machinery
  - 3732 Packaging, wrapping, bundling machinery
  - 3733 Product labeling machinery
  - 3734 Sealing, stapling machinery
  - 3739 Packaging, bottling, wrapping machinery, n.e.c.
  
  - 374\* Paper production machinery
  - 3740 Paper production machinery, unspecified
  - 3741 Calenders, supercalenders—paper production
  - 3742 Coaters—paper production
  - 3743 Dryers—paper production
  - 3744 Formers—paper production
  - 3745 Slitters, winders—paper production
  - 3746 Washers, bleachers, refiners—paper production
  - 3749 Paper production machinery, n.e.c.
  
  - 375\* Printing machinery and equipment
  - 3750 Printing machinery and equipment, unspecified
  - 3751 Bindery machinery
  - 3752 Engraving machinery
  - 3753 Presses—printing
  - 3754 Typesetting machinery
  - 3759 Printing machinery and equipment, n.e.c.
  
  - 376\* Textile, apparel, leather production machinery
  - 3760 Textile, apparel, leather production machinery, unspecified
  - 3761 Dyeing machinery—textile
  - 3762 Knitting machinery
  - 3763 Picking, carding, combing machinery
  - 3764 Sewing, stitching machinery
  - 3765 Spinning machinery
  - 3766 Weaving machinery

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 3769 Textile, apparel, leather production machinery, n.e.c.
  - 379\* Other special process machinery
  - 3790 Other special process machinery, unspecified
  - 3791 Centrifuges
  - 3792 Distilling and rectifying machinery
  - 3793 Dyeing machinery, except textile
  - 3794 Gas liquefying machinery
  - 3795 Paint mixing machinery
  - 3796 Painting, priming, metal coating machinery
  - 3797 Pumps
  - 3799 Special process machinery, n.e.c.
  - 39\*    Miscellaneous machinery**
  - 390    Miscellaneous machinery, unspecified
  - 391\*    Audio and video equipment
  - 3910    Audio and video equipment, unspecified
  - 3911    Audio equipment
  - 3912    Stationary telephones and communication equipment
  - 3913    Mobile phones, personal digital assistants, other mobile devices
  - 3914    Televisions
  - 3915    Video players and recorders
  - 3919    Audio and video equipment, n.e.c.
  - 392    Product assembly machinery, n.e.c.
  - 393    Product testing, inspecting, and diagnostic machinery, n.e.c.
  - 399\*    Other machinery
  - 3990    Other machinery, unspecified
  - 3991    Air compressors
  - 3992    Garbage disposals
  - 3993    Incinerators
  - 3994    Snowblowers
  - 3995    Trash compactors
  - 3996    Vending machines
  - 3999    Machinery, n.e.c.

\*-Asterisks denote a summary level code not assigned to individual cases.

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**4\* PARTS AND MATERIALS**

**40 Parts and materials, unspecified**

**41\* Building materials—solid elements**

- 410 Building materials, unspecified
- 411\* Bricks, blocks, structural stone
- 4110 Bricks, blocks, structural stone, unspecified
- 4111 Bricks and pavers
- 4112 Concrete blocks, cinder blocks
- 4113 Stone, marble, granite slabs
- 4114 Structural stones or slabs, n.e.c.
- 4119 Bricks, blocks, structural stone, n.e.c.
  
- 412\* Pipes, ducts, tubing
- 4120 Pipes, ducts, tubing, unspecified
- 4121 Concrete or clay pipes and conduits
- 4122 Ducts
- 4123 Metal pipes, tubing
- 4124 Pipe fittings, collars
- 4125 Plastic, PVC, or rubber pipes and tubing
- 4129 Pipes, ducts, tubing, n.e.c.
  
- 413\* Structural metal materials
- 4130 Structural metal materials, unspecified
- 4131 Angle irons
- 4132 Bars, rods, reinforcing bar (rebar)
- 4133 Beams—unattached metal
- 4134 Grates
- 4135 Metal plates, metal panels
- 4136 Rails—unattached metal
- 4137 Sheet metal
- 4139 Structural metal materials, n.e.c.
  
- 414\* Tiles, shingles
- 4140 Tiles, shingles, unspecified
- 4141 Ceiling tiles
- 4142 Ceramic or stone tiles—drain, roof, multipurpose
- 4143 Roof shingles, except tile
- 4144 Vinyl floor tiles
- 4149 Tiles, shingles, n.e.c.

\*-Asterisks denote a summary level code not assigned to individual cases.



- 
- 415\* Wood, lumber
  - 4150 Wood, lumber, unspecified
  - 4151 Dimensional lumber: 2x4, 2x3, etc.
  - 4152 Plywood, wood paneling; particle, chip, flake board
  - 4153 Wooden beams
  - 4154 Wood pieces, trim pieces, wood scraps, n.e.c.
  - 4155 Wooden stakes
  - 4159 Wood, lumber, n.e.c.
  
  - 419\* Other building materials—solid elements
  - 4190 Other building materials—solid elements, unspecified
  - 4191 Fencing and screening material, n.e.c.
  - 4192 Flashing
  - 4193 Glass building materials
  - 4194 Gutters, downspouts
  - 4195 Sheet flooring
  - 4196 Siding—aluminum, vinyl
  - 4197 Structural hardware, n.e.c.
  - 4198 Wallboard, drywall, sheetrock
  - 4199 Building materials—solid elements, n.e.c.
  
  - 42\* Fasteners, connectors, ropes, ties**
  
  - 420 Fasteners, connectors, ropes, ties, unspecified
  
  - 421\* Fasteners
  - 4210 Fasteners, unspecified
  - 4211 Clamps, couplings
  - 4212 Nails, brads, tacks, nuts, bolts, washers
  - 4213 Hinges
  - 4214 Rivets
  - 4215 Screws
  - 4216 Spikes
  - 4217 Staples
  - 4219 Fasteners, n.e.c.
  
  - 422\* Ropes, ties, chains
  - 4220 Ropes, ties, chains, unspecified
  - 4221 Bands
  - 4222 Bungee cords
  - 4223 Chains, n.e.c.
  - 4224 Rope, twine, string
  - 4225 Strapping

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 4226 Wire, cables—nonelectrical
  - 4229 Ropes, ties, chains, n.e.c.
  
  - 423 Valves, nozzles
  - 429 Fasteners, connectors, ropes, ties, n.e.c.
  
  - 43\* Hoisting accessories**
  
  - 430 Hoisting accessories, unspecified
  - 431 Fixtures, load indicators
  - 432 Hooks, shackles, magnets, clamshells
  - 433 Slings
  - 439 Hoisting accessories, n.e.c.
  
  - 44\* Machine, tool, and electric parts**
  
  - 440 Machine, tool, and electric parts, unspecified
  
  - 441\* Electric parts
  - 4410 Electric parts, unspecified
  - 4411 Electrical wiring—building
  - 4412 Generators
  - 4413 Batteries other than automotive
  - 4414 Motors other than vehicle
  - 4415 Power lines, transformers, convertors
  - 4416 Relays, rheostats, starters, controls
  - 4417 Switchboards, switches, fuses
  - 4418 Power cords, electrical cords, extension cords
  - 4419 Electric parts, n.e.c.
  
  - 442\* Machine and appliance parts
  - 4420 Machine and appliance parts, unspecified
  - 4421 Dies, molds, patterns
  - 4422 Drives—chain, leather, fabric, vee belt
  - 4423 Drums, pulleys, sheaves
  - 4424 Engines, turbines, except vehicle
  - 4425 Friction clutches
  - 4426 Gears
  - 4427 Rollers
  - 4429 Machine and appliance parts, n.e.c.
  
  - 443\* Tool parts, accessories
  - 4430 Tool parts, accessories, unspecified

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 4431 Drill bits—unattached
  - 4432 Saw blades—unattached
  - 4439 Tool parts, accessories, n.e.c.
  
  - 449 Machine, tool, and electric parts, n.e.c.
  
  - 45\* Metal materials—nonstructural**
  - 450 Metal materials—nonstructural, unspecified
  - 451 Metal sheets, ingots, bars—nonstructural
  - 452 Molten or hot metals, slag
  - 459 Metal materials—nonstructural, n.e.c.
  
  - 46\* Tars, sealants, caulking, insulating material**
  - 460 Tars, sealants, caulking, insulation, unspecified
  - 461 Roofing asphalt, roofing tar
  - 462 Fiberglass insulation
  - 463 Foam caulking, foam insulation
  - 464 Joint compound, patching compound
  - 465 Plastic, vinyl caulking
  - 466 Sealants, waterproofers, n.e.c.
  - 469 Tars, sealants, caulking, insulation, n.e.c.
  
  - 47\* Tarps and sheeting—nonmetal**
  - 470 Tarps and sheeting—nonmetal, unspecified
  - 471 Roofing paper, roofing felt
  - 472 Tarps, plastic or fabric sheeting
  - 473 Plastic wrap
  - 474 Cardboard
  - 479 Tarps and sheeting—nonmetal, n.e.c.
  
  - 48\* Vehicle and mobile equipment parts**
  - 480 Vehicle and mobile equipment parts, unspecified
  
  - 481\* Tires, inner tubes, wheels
  - 4810 Tires, inner tubes, wheels, unspecified
  - 4811 Bike tires
  - 4812 Tire inner tubes
  - 4813 Tires, except bike
  - 4814 Wheels, tire rims
  - 4819 Tires, inner tubes, wheels, n.e.c.

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 482\* Engine parts and accessories
  - 4820 Engine parts and accessories, unspecified
  - 4821 Battery—vehicle
  - 4822 Belts, hoses—vehicle
  - 4823 Engine, engine block, motor—vehicle
  - 4824 Fan—vehicle
  - 4825 Muffler, exhaust
  - 4826 Radiator—vehicle
  - 4827 Transmission—vehicle
  - 4829 Engine parts and accessories, n.e.c.
  
  - 483 Trailers
  - 484 Windshields, vehicle windows
  
  - 485\* Vehicle doors, liftgates, tailgates
  - 4850 Vehicle doors, liftgates, tailgates, unspecified
  - 4851 Vehicle passenger doors
  - 4852 Liftgates
  - 4853 Tailgates
  
  - 489 Vehicle and mobile equipment parts, n.e.c.
  
  - 49\* Other parts and materials**
  
  - 490 Other parts and materials, unspecified
  
  - 491\* Caps, lids, covers
  - 4910 Caps, lids, covers, unspecified
  - 4911 Container caps, lids, covers
  - 4912 Manhole and cistern covers
  - 4919 Caps, lids, covers, n.e.c.
  
  - 499 Parts and materials, n.e.c.

\*-Asterisks denote a summary level code not assigned to individual cases.

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**5\* PERSONS, PLANTS, ANIMALS, AND MINERALS**

**50 Persons, plants, animals, and minerals, unspecified**

**51\* Animals**

510 Animals, unspecified

511\* Birds and fowl

5110 Birds and fowl, unspecified

5111 Birds, except fowl

5112 Chickens

5113 Ducks

5114 Geese

5115 Turkeys

5119 Birds and fowl, n.e.c.

512 Fish, shellfish

513\* Insects, arachnids, mites

5130 Insects, arachnids, mites, unspecified

5131 Bees, hornets, wasps

5132 Spiders, scorpions

5133 Ants

5134 Lice, fleas, bedbugs

5135 Mosquitoes

5136 Ticks and mites

5138 Multiple insects, arachnids, mites

5139 Insects, arachnids, mites, n.e.c.

514\* Reptiles

5140 Reptiles, unspecified

5141 Venomous snakes

5142 Nonvenomous snakes

5149 Reptiles, n.e.c.

515\* Mammals, except humans

5150 Mammals, unspecified

5151 Cats, felines—domestic

5152 Dogs, canines—domestic

5153 Cattle and other bovines

5154 Horses and other equines

5155 Rodents

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 5156 Sheep, goats, and other caprids
  - 5157 Swine and other porcines
  - 5158 Deer and other cervids
  - 5159 Mammals, n.e.c.
  
  - 519 Animals, n.e.c.
  
  - 52\* Animal and plant byproducts**
  
  - 520 Animal and plant byproducts, unspecified
  
  - 521\* Animal products, nonfood
  - 5210 Animal products—nonfood, unspecified
  - 5211 Bones, shells
  - 5212 Feathers
  - 5213 Fur, wool
  - 5214 Hides—leather
  - 5215 Animal carcass, roadkill
  - 5216 Animal waste products
  - 5219 Animal products—nonfood, n.e.c.
  
  - 522\* Food products
  - 5220 Food products, unspecified
  - 5221 Fats, oils, cooking greases
  - 5222 Soups, sauces, gravies
  - 5223 Dairy products
  - 5224 Beverages, n.e.c.
  - 5225 Fruits, nuts, vegetables
  - 5226 Grains, cereals, grain mill products
  - 5227 Meat, poultry, seafood
  - 5228 Multiple foods or groceries
  - 5229 Food products, n.e.c.
  
  - 529 Animal and plant byproducts, n.e.c.
  
  - 53\* Infectious and parasitic agents**
  
  - 530 Infectious and parasitic agents, unspecified
  - 531 Bacteria
  
  - 532\* Fungi
  - 5320 Fungi, unspecified
  - 5321 Mold, mildew

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 5329 Fungi, n.e.c.
  - 533 Viruses
  - 539 Infectious and parasitic agents, n.e.c.
  - 54\* Metallic minerals**
  - 540 Metallic minerals, unspecified
  - 541 Metal ores—nonradiating
  - 542\* Radiating metals, natural and processed
  - 5420 Radiating metals, natural and processed, unspecified
  - 5421 Plutonium
  - 5422 Radium
  - 5423 Uranium
  - 5429 Radiating metals, natural and processed, n.e.c.
  - 549 Metallic minerals, n.e.c.
  - 55\* Nonmetallic minerals, except fuel**
  - 550 Nonmetallic minerals, except fuel, unspecified
  - 551 Asbestos
  - 552 Boulders
  - 553 Clay—natural and processed
  - 554 Dirt, earth
  - 555 Mud
  - 556 Rocks, crushed stone
  - 557 Sand, gravel
  - 558 Silica
  - 559 Nonmetallic minerals, except fuel, n.e.c.
  - 56\* Person—injured or ill worker**
  - 560 Person—injured or ill worker, unspecified
  - 561 Bodily conditions of injured, ill worker
  - 562 Bodily motion or position of injured, ill worker
  - 569 Person—injured or ill worker, n.e.c.
  - 57\* Person—other than injured or ill worker**
  - 570 Person, other than injured or ill worker, unspecified
  - 571\* Relative or domestic partner of injured or ill worker

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 5710 Relative or domestic partner of injured or ill worker, unspecified  
5711 Spouse or domestic partner of injured or ill worker  
5712 Immediate family member other than spouse  
5719 Relative or domestic partner of injured or ill worker, n.e.c.
- 572\* Co-worker or work associate of injured or ill worker  
5720 Co-worker or work associate of injured or ill worker, unspecified  
5721 Co-worker  
5722 Former co-worker  
5723 Work associate  
5724 Former work associate  
5729 Co-worker or work associate, n.e.c.
- 573 Student  
574 Patient  
575 Other client or customer  
576 Acquaintance
- 577\* Assailant, suspect, inmate  
5770 Assailant, suspect, unspecified  
5771 Robber  
5772 Inmate or detainee in custody  
5773 Suspect not yet apprehended  
5779 Assailant, suspect, n.e.c.
- 578\* Bodily fluids or substances of other than injured or ill person  
5780 Bodily fluids or substances of other than injured or ill person, unspecified  
5781 Blood of other than injured or ill person  
5782 Urine or feces of other than injured or ill person  
5783 Mucus or saliva of other than injured or ill person  
5788 Combination of bodily fluids or substances of other than injured or ill person  
5789 Bodily fluids or substances of other than injured or ill person, n.e.c.
- 579 Person, other than injured or ill worker, n.e.c.
- 58\* Plants, trees, vegetation—not processed**
- 580 Plants, trees, vegetation, unspecified  
581 Cash grain crops  
582 Field crops  
583 Flowers  
584 Houseplants  
585\* Poison ivy, oak, sumac, Rhus

\*-Asterisks denote a summary level code not assigned to individual cases.



- 
- 5850 Poison ivy, oak, sumac, Rhus, unspecified
  - 5851 Poison ivy
  - 5852 Poison oak
  - 5853 Poison sumac
  - 5859 Poison ivy, oak, sumac, Rhus, n.e.c.
  
  - 586 Shrubs, grasses
  
  - 587\* Trees, logs, limbs
  - 5870 Trees, logs, limbs, unspecified
  - 5871 Trees
  - 5872 Logs
  - 5873 Limbs, branches—unattached
  - 5879 Trees, logs, limbs, n.e.c.
  
  - 589\* Other plants, trees, vegetation—not processed
  - 5891 Grain dust
  - 5899 Plants, trees, vegetation—not processed, n.e.c.
  
  - 59 Persons, plants, animals, and minerals, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.

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**6\*     STRUCTURES AND SURFACES**

**60     Structures and surfaces, unspecified**

**61\*    Confined spaces**

610    Confined spaces, unspecified

611    Ditches, channels, trenches, excavations

612\*   Underground mines, caves, tunnels

6120   Mines, caves, tunnels, unspecified

6121   Underground mines, mine tunnels

6122   Sewers, manholes, storm drains

6123   Subway and train tunnels

6124   Underground pedestrian walkways

6129   Mines, caves, tunnels, n.e.c.

613    Wells, cisterns

614    Pipeline interiors

615    Manure pits

616    Spray, paint booths

617\*   Tank, bin, vat interiors

6170   Tank, bin, vat interiors, unspecified

6171   Silo, grain bin interiors

6172   Grain elevator interiors

6173   Septic tank or water tank interiors

6174   Trash bin or dumpster interiors

6175   Trough interiors

6176   Oil storage tank interiors

6177   Hopper interiors

6179   Tank, bin, vat interiors, n.e.c.

618\*   Confined spaces on vehicles

6180   Confined spaces on vehicles, unspecified

6181   Confined spaces on ships, water vessels

6182   Tanker truck interiors

6189   Confined spaces on vehicles, n.e.c.

619\*   Other confined spaces

6191   Crawl spaces

6199   Confined spaces, n.e.c.

\*-Asterisks denote a summary level code not assigned to individual cases.

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**62\* Buildings—office, plant, residential**

- 620 Building, unspecified
- 621\* Industrial buildings
  - 6210 Industrial building, unspecified
  - 6211 Warehouse
  - 6212 Factory, manufacturing plant
  - 6213 Offshore oil platform
  - 6219 Industrial building, n.e.c.
- 622\* Agricultural buildings
  - 6220 Agricultural building, unspecified
  - 6221 Barn
  - 6222 Silo exterior
  - 6223 Grain bin exterior
  - 6229 Agricultural building, n.e.c.
- 623\* Commercial and retail buildings
  - 6230 Commercial or retail building, unspecified
  - 6231 Restaurant, bar
  - 6232 Retail establishment, store, mall
  - 6233 Hotel, motel, lodging establishment
  - 6239 Commercial or retail building, n.e.c.
- 624\* Medical buildings, except institutional residential
  - 6240 Medical building, except institutional residential, unspecified
  - 6241 Hospital
  - 6242 Clinic or doctor's office
  - 6243 Laboratory
  - 6249 Medical building, except institutional residential, n.e.c.
- 625\* Residential buildings, except institutionalized
  - 6250 Residential building, except institutionalized, unspecified
  - 6251 House, townhouse, rowhouse
  - 6252 High-rise apartment building, condominium
  - 6253 Low or mid-rise apartment building, condominium
  - 6254 Mobile or prefabricated home
  - 6259 Residential building, except institutionalized, n.e.c.
- 626\* Other public and office buildings
  - 6260 Other public or office building, unspecified
  - 6261 Skyscraper, high-rise—except government

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 6262 Low or mid-rise office building—except government
  - 6263 Government building, post office
  - 6269 Public or office building, n.e.c.
  
  - 627 Institutionalized residential building, except jails
  - 628 Prisons, jails
  - 629 Building, n.e.c.
  
  - 63\* Structures other than buildings**
  
  - 630 Structures other than buildings, unspecified
  - 631 Bridges, dams, locks
  - 632 Grandstands, stadia
  - 633 Pools
  
  - 634\* Scaffolds, staging
  - 6340 Scaffolds—staging, unspecified
  - 6341 Scaffolds—improvised staging
  - 6342 Scaffolds—self-supporting staging
  - 6343 Scaffolds—staging supported by structure or other means
  - 6344 Scaffolds—suspended staging
  - 6345 Machine platforms
  - 6346 Catwalks
  - 6349 Scaffolds—staging, n.e.c.
  
  - 635\* Towers, poles
  - 6350 Towers, poles, unspecified
  - 6351 Telecommunications and cell phone towers
  - 6352 Utility and telephone poles
  - 6353 Lamp posts, street lights
  - 6354 Windmills, wind turbines
  - 6359 Towers, poles, n.e.c.
  
  - 636 Excavations, strip mines, and quarries (except confined space)
  
  - 639\* Other structures
  - 6390 Other structures, unspecified
  - 6391 Guardrails, road dividers
  - 6392 Posts, bollards, moorings
  - 6393 Hydrants
  - 6394 Road signs
  - 6395 Porches, balconies, decks, patios
  - 6396 Railroad tracks

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 6397 Mailboxes  
6399 Structures, n.e.c.
- 64\* Building systems**
- 640 Building systems, unspecified  
641 Climate control systems  
642 Plumbing systems  
643 Electrical systems  
644 Security systems
- 65\* Other structural elements**
- 650 Other structural elements, unspecified
- 651\* Entrances and exits  
6510 Entrances and exits, unspecified  
6511 Doors, except garage and vehicle  
6512 Garage doors  
6519 Entrances and exits, n.e.c.
- 652\* Fences, fence panels, gates  
6520 Fences, fence panels, gates, unspecified  
6521 Chain-link fences, panels  
6522 Barbed-wire fences  
6523 Wooden fences, panels  
6524 Gates  
6529 Fences, fence panels, gates, n.e.c.
- 653 Windows, openings
- 654\* Roofs  
6540 Roofs, unspecified  
6541 Skylights  
6542 Existing roof openings, other than skylights  
6543 Roof surfaces other than roof edge  
6544 Roof edges  
6549 Roofs, n.e.c.
- 655\* Trusses, girders, beams—structurally attached  
6550 Trusses, girders, beams—structurally attached, unspecified  
6551 Girders, beams, structural steel  
6552 Roof trusses, joists

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 656\* Ceilings, walls
  - 6560 Ceilings, walls, unspecified
  - 6561 Ceilings
  - 6562 Walls
  - 6569 Ceilings, walls, n.e.c.
  
  - 657 Handrails, banisters
  - 658 Elevator shafts
  - 659 Structural elements, n.e.c.
  
  - 66\* Floors, walkways, ground surfaces**
  
  - 660 Floors, walkways, ground surfaces, unspecified
  
  - 661\* Stairs, steps, escalators
  - 6610 Stairs, steps, unspecified
  - 6611 Stairs, steps—indoors
  - 6612 Stairs, steps—outdoors
  - 6613 Escalators
  
  - 662\* Floors
  - 6620 Floor, unspecified
  - 6621 Existing floor opening
  - 6622 Floor irregularity
  - 6629 Floor, n.e.c.
  
  - 663\* Ground
  - 6630 Ground, unspecified
  - 6631 Ground irregularity
  - 6639 Ground, n.e.c.
  
  - 664\* Sidewalks, paths, outdoor walkways
  - 6640 Sidewalks, paths, outdoor walkways, unspecified
  - 6641 Sidewalk, path, or outdoor walkway irregularity
  - 6642 Sidewalk, path, outdoor walkway—paved
  - 6643 Sidewalk, path, outdoor walkway—unpaved
  
  - 665\* Streets, roads, driveways
  - 6650 Street, road, driveway, unspecified
  - 6651 Street, road, or driveway irregularity
  - 6652 Street, road, driveway—paved
  - 6653 Street, road, driveway—unpaved

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 666\* Parking lots
  - 6660 Parking lot, unspecified
  - 6661 Parking lot irregularity
  - 6662 Parking lot—paved
  - 6663 Parking lot—unpaved
  
  - 667\* Curbs, traffic calming bumps, embankments
  - 6670 Curbs, traffic calming bumps, embankments, unspecified
  - 6671 Curbs
  - 6672 Speed bumps, speed humps
  - 6673 Concrete parking blocks and barriers
  - 6674 Berms
  - 6675 Embankments
  - 6676 Culverts, nonconfined ditches
  - 6679 Curbs, traffic calming bumps, embankments, n.e.c.
  
  - 669\* Other floors, walkways, ground surfaces
  - 6690 Other floors, walkways, ground surfaces, unspecified
  - 6691 Piers, wharfs
  - 6692 Ramps, loading docks, dock plates
  - 6693 Moving walkways
  - 6694 Grates and drains in floor surface
  - 6695 Airport runways
  - 6699 Floors, walkways, ground surfaces, n.e.c.
  
  - 67\* Geographical structures**
  
  - 670 Geographical structures, unspecified
  
  - 671\* Raised natural structures, hills, mountains
  - 6710 Raised natural structures, hills, mountains, unspecified
  - 6711 Hills
  - 6712 Mountains
  - 6719 Raised natural structures, hills, mountains, n.e.c.
  
  - 672\* Recessed natural structures, valleys
  - 6720 Recessed natural structures, valleys, unspecified
  - 6721 Valley
  - 6722 Gorge, crevice
  - 6729 Recessed natural structures, valleys n.e.c.
  
  - 673\* Water bodies—natural

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 6730 Water bodies—natural, unspecified
  - 6731 Natural ponds
  - 6732 Lakes
  - 6733 Rivers, streams
  - 6734 Oceans
  - 6739 Water bodies—natural, n.e.c.
  
  - 679 Geographical structures, n.e.c.
  
  - 69 Structures and surfaces, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.



- 
- 7\***    **TOOLS, INSTRUMENTS, AND EQUIPMENT**
  - 70**    **Tools, instruments, and equipment, unspecified**
  - 71\***    **Handtools—nonpowered**
  - 710    Handtools—nonpowered, unspecified
  - 711\*    Boring handtools—nonpowered
  - 7110    Boring handtools—nonpowered, unspecified
  - 7111    Augers, plumbing snakes—nonpowered
  - 7112    Braces—nonpowered
  - 7113    Drills—nonpowered
  - 7119    Boring handtools—nonpowered, n.e.c.
  - 712\*    Cutting handtools—nonpowered
  - 7120    Cutting handtools—nonpowered, unspecified
  - 7121    Axes, hatchets
  - 7122    Bolt cutters—nonpowered
  - 7123    Chisels—nonpowered
  - 7124    Box cutters and razor knives
  - 7125    Knives, unspecified or n.e.c.
  - 7126    Saws—nonpowered
  - 7127    Scissors, snips, shears—nonpowered
  - 7129    Cutting handtools—nonpowered, n.e.c.
  - 713\*    Digging handtools—nonpowered
  - 7130    Digging handtools—nonpowered, unspecified
  - 7131    Hoes
  - 7132    Picks
  - 7133    Shovels
  - 7134    Trowels
  - 7139    Digging handtools—nonpowered, n.e.c.
  - 714\*    Gripping handtools—nonpowered
  - 7140    Gripping handtools—nonpowered, unspecified
  - 7141    Pliers, tongs
  - 7142    Vises, clamps
  - 7149    Gripping handtools—nonpowered, n.e.c.
  - 715\*    Striking and nailing handtools—nonpowered
  - 7150    Striking and nailing handtools—nonpowered, unspecified
  - 7151    Hammers, except sledge—nonpowered

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 7152 Mallets
  - 7153 Punches, counterpunches, countersinks—nonpowered
  - 7154 Sledges, sledgehammers
  - 7155 Toe kickers, knee kickers
  - 7159 Striking and nailing handtools—nonpowered, n.e.c.
  
  - 716\* Surfacing handtools—nonpowered
  - 7160 Surfacing handtools—nonpowered, unspecified
  - 7161 Files—surfacing handtool
  - 7162 Planes—surfacing handtool
  - 7163 Sanders—nonpowered
  - 7164 Sharpening stones and wheels—nonpowered
  - 7165 Scrapers—nonpowered
  - 7166 Putty knives
  - 7169 Surfacing handtools—nonpowered, n.e.c.
  
  - 717\* Turning handtools—nonpowered
  - 7170 Turning handtools—nonpowered, unspecified
  - 7171 Screwdrivers—nonpowered
  - 7172 Ratchet drivers—nonpowered
  - 7173 Wrenches—nonpowered
  - 7179 Turning handtools—nonpowered, n.e.c.
  
  - 719\* Other handtools—nonpowered
  - 7190 Other handtools—nonpowered, unspecified
  - 7191 Brooms, mops, and other cleaning tools
  - 7192 Crowbars
  - 7193 Pitchforks, spading forks
  - 7194 Rakes
  - 7195 Stapling tools—nonpowered
  - 7196 Tape guns
  - 7199 Handtools—nonpowered, n.e.c.
  
  - 72\* Handtools—powered**
  
  - 720 Handtools—powered, unspecified
  
  - 721\* Boring handtools—powered
  - 7210 Boring handtools—powered, unspecified
  - 7211 Augers, plumbing snakes—powered
  - 7212 Braces—powered
  - 7213 Drills—powered
  - 7214 Routers and molders—powered

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 7219 Boring handtools—powered, n.e.c
  - 722\* Cutting handtools—powered
  - 7220 Cutting handtools—powered, unspecified
  - 7221 Chainsaws—powered
  - 7222 Chisels—powered
  - 7223 Knives—powered
  - 7224 Saws—powered, except chainsaws
  - 7225 Lawn edgers, clippers, trimmers—powered
  - 7229 Cutting handtools—powered, n.e.c.
  
  - 723\* Striking and nailing handtools—powered
  - 7230 Striking and nailing handtools—powered, unspecified
  - 7231 Hammers—powered
  - 7232 Jackhammers—powered
  - 7233 Punches—powered
  - 7234 Riveters—powered
  - 7235 Nail guns—powered
  - 7236 Stapling tools—electric or pneumatic
  - 7239 Striking and nailing handtools—powered, n.e.c.
  
  - 724\* Surfacing handtools—powered
  - 7240 Surfacing handtools—powered, unspecified
  - 7241 Buffers, polishers, waxers—powered
  - 7242 Hand grinders—powered
  - 7243 Sanders—powered
  - 7244 Sandblasters—powered
  - 7249 Surfacing handtools—powered, n.e.c.
  
  - 725\* Turning handtools—powered
  - 7250 Turning handtools—powered, unspecified
  - 7251 Bolt setters—powered
  - 7252 Impact wrenches—powered
  - 7253 Screwdrivers—powered
  - 7254 Tongs—powered
  - 7259 Turning handtools—powered, n.e.c.
  
  - 726\* Welding and heating handtools—powered
  - 7260 Welding and heating handtools—powered, unspecified
  - 7261 Welding, cutting, and blow torches
  - 7262 Soldering irons—powered
  - 7263 Heat guns
  - 7269 Welding and heating handtools—powered, n.e.c.

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 729\* Other handtools—powered
  - 7290 Other handtools—powered, unspecified
  - 7291 Scrubbers—powered
  - 7292 Sprayers, air guns—paint
  - 7293 Power washers
  - 7294 Laser pointers
  - 7295 Spreaders—powered
  - 7296 Push-pull rams—powered
  - 7299 Handtools—powered, n.e.c.
  
  - 73\* Handtools—power not determined**
  
  - 730 Handtools—power not determined, unspecified
  
  - 731\* Boring handtools—power not determined
  - 7310 Boring handtools—power not determined, unspecified
  - 7311 Augers, plumbing snakes—power not determined
  - 7312 Braces—power not determined
  - 7313 Drills—power not determined
  - 7319 Boring handtools—power not determined, n.e.c.
  
  - 732\* Cutting handtools—power not determined
  - 7320 Cutting handtools—power not determined, unspecified
  - 7321 Chisels—power not determined
  - 7322 Knives—power not determined
  - 7323 Saws—power not determined
  - 7329 Cutting handtools—power not determined, n.e.c.
  
  - 733\* Striking and nailing handtools—power not determined
  - 7330 Striking and nailing handtools—power not determined, unspecified
  - 7331 Hammers—power not determined
  - 7332 Punches—power not determined
  - 7339 Striking and nailing handtools—power not determined, n.e.c.
  
  - 734\* Surfacing handtools—power not determined
  - 7340 Surfacing handtools—power not determined, unspecified
  - 7341 Sanders—power not determined
  - 7349 Surfacing handtools—power not determined, n.e.c.
  
  - 735\* Turning handtools—power not determined
  - 7350 Turning handtools—power not determined, unspecified
  - 7351 Screwdrivers—power not determined
  - 7352 Wrenches—power not determined

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 7359 Turning handtools—power not determined, n.e.c.
  - 736\* Measuring handtools
  - 7360 Measuring handtools, unspecified
  - 7361 Calipers, micrometers
  - 7362 Dividers
  - 7363 Gauges
  - 7364 Levels
  - 7365 Plumb bobs
  - 7366 Rulers, tape measures
  - 7367 Squares
  - 7368 Scales
  - 7369 Measuring handtools, n.e.c.
  
  - 739\* Other handtools—power not determined
  - 7391 Staplers—power not determined
  - 7399 Handtools—power not determined, n.e.c.
  
  - 74\* Ladders**
  - 740 Ladders, unspecified
  - 741 Ladders—fixed
  
  - 742\* Ladders—movable
  - 7420 Movable ladders, unspecified
  - 7421 Extension ladders
  - 7422 Step ladders
  - 7423 Straight ladders
  - 7424 Truck mounted ladders, aerial ladder trams
  - 7429 Movable ladders, n.e.c.
  
  - 749 Ladders, n.e.c.
  
  - 75\* Medical and surgical instruments and equipment**
  - 750 Medical and surgical instruments and equipment, unspecified
  
  - 751\* Medical sharps instruments
  - 7510 Medical sharps instruments, unspecified
  - 7511 Needles, syringes
  - 7512 Scalpels
  - 7519 Medical sharps instruments, n.e.c.
  
  - 752\* Health care and orthopedic equipment

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 7520 Health care and orthopedic equipment, unspecified
  - 7521 Canes, crutches, walkers
  - 7529 Health care and orthopedic equipment, n.e.c.
  
  - 753\* Wheelchairs and other mobility devices
  - 7530 Wheelchairs and other mobility devices, unspecified
  - 7531 Wheelchairs—powered
  - 7532 Mobility scooters—powered
  - 7533 Wheelchairs—nonpowered
  - 7539 Wheelchairs and other mobility devices, n.e.c.
  
  - 754 Latex gloves
  - 755 Stretchers, backboards, wheeled cots, stair chairs
  - 756 Intravenous (IV) poles and machines
  - 757 Patient hoists, lifting harnesses
  - 759 Medical and surgical instruments and equipment, n.e.c.
  
  - 76\* Photographic, athletic, and recreational equipment**
  
  - 760 Photographic, athletic, and recreational equipment, unspecified
  
  - 761\* Photographic equipment
  - 7610 Photographic equipment, unspecified
  - 7611 Cameras—still and motion picture
  - 7612 Photographic paper and cloth
  - 7613 Projectors—still and motion picture
  - 7614 Screens—still and motion picture
  - 7615 Tripods, camera stands
  - 7619 Photographic equipment, n.e.c.
  
  - 762\* Writing, drawing, and art supplies
  - 7620 Writing, drawing, and art supplies, unspecified
  - 7621 Pens and pencils
  - 7622 Chalk, crayons, marking devices
  - 7623 Art supplies and materials, except paint
  - 7624 Compasses, protractors
  - 7629 Writing, drawing, and art supplies, n.e.c.
  
  - 763\* Recreation and athletic equipment
  - 7630 Recreation and athletic equipment, unspecified
  - 7631 Balls, pucks
  - 7632 Baseball bats, hockey sticks, rackets
  - 7633 Gymnasium and exercise equipment

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 7634 Camping equipment
  - 7635 Playground equipment
  - 7636 Riding equipment
  - 7637 Snow sports equipment
  - 7638 Water sports equipment
  - 7639 Recreation and athletic equipment, n.e.c.
  
  - 769 Photographic, athletic, and recreational equipment, n.e.c.
  
  - 77\* Protective equipment, except clothing**
  - 770 Protective equipment, except clothing, unspecified
  - 771 Dust masks
  - 772 Ear plugs, hearing protectors
  - 773 Face shields, welding masks
  - 774 Hard hats
  - 775 Lifelines, lanyards, safety belts, harnesses
  - 776 Respirators
  - 777 Safety glasses or goggles
  - 779 Protective equipment, except clothing, n.e.c.
  
  - 78\* Firearms, law enforcement, and other self-defense equipment**
  - 780 Firearms, law enforcement, and other self-defense equipment, unspecified
  
  - 781\* Firearms
  - 7810 Firearm, unspecified
  - 7811 Pistol, handgun, revolver
  - 7812 Rifle, shotgun
  - 7813 Explosive devices
  - 7819 Firearm, n.e.c.
  
  - 782 Ammunition
  
  - 783\* Other law enforcement and self-defense equipment
  - 7830 Other law enforcement and self-defense equipment, unspecified
  - 7831 Batons, nightsticks
  - 7832 Tasers, stun guns
  - 7833 Tear gas, mace, pepper spray
  - 7834 Handcuffs
  - 7839 Law enforcement and self-defense equipment, n.e.c.
  
  - 784 Air-powered guns, paintball guns

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 789 Firearms, law enforcement, and other self-defense equipment, n.e.c.
  - 79\* Other tools, instruments, and equipment**
  - 790 Other tools, instruments, and equipment, unspecified
  - 791 Clocks
  - 792 Cooking and eating utensils, except knives
  
  - 793\* Musical instruments
  - 7930 Musical instrument, unspecified
  - 7931 Pianos, organs, keyboards
  - 7939 Musical instruments, n.e.c.
  
  - 794\* Sewing notions
  - 7940 Sewing notions, unspecified
  - 7941 Fabric pins, safety pins
  - 7942 Sewing needles
  - 7949 Sewing notions, n.e.c.
  
  - 795\* Fishing equipment
  - 7950 Fishing equipment, unspecified
  - 7951 Recreational fishing equipment
  - 7952 Commercial fishing equipment
  - 7959 Fishing equipment, n.e.c.
  
  - 799 Tools, instruments, and equipment, n.e.c.

\*-Asterisks denote a summary level code not assigned to individual cases.



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**8\* VEHICLES**

**80 Vehicle, unspecified**

**81\* Aircraft**

810 Aircraft unspecified

811\* Airplanes—powered fixed wing

8110 Airplane—powered fixed wing, unspecified

8111 Airplane—jet or turbine engine

8112 Airplane—propeller-driven or piston engine

8119 Airplane—powered fixed wing, n.e.c

812\* Aircraft—powered rotary wing

8120 Aircraft—powered rotary wing, unspecified

8121 Helicopter

8129 Aircraft—powered rotary wing, n.e.c

813\* Aircraft—nonpowered

8130 Aircraft—nonpowered, unspecified

8131 Glider, hang glider—nonpowered

8132 Parachute

8139 Aircraft—nonpowered, n.e.c

819 Aircraft, n.e.c

**82\* Rail vehicles**

820 Rail vehicle, unspecified

821 Amusement park rail vehicle

822 Streetcar, trolley, cable car, light rail

823 Subway, elevated train

824\* Train, locomotive, rail car

8240 Train, locomotive, rail car, unspecified

8241 Freight train

8242 Passenger train, heavy rail

8243 Locomotive—unattached to rail car(s)

8244 Rail car(s)—unattached to locomotive

8249 Train, locomotive, rail car, n.e.c.

825 Rail-mounted construction, cleaning, maintenance machine

826 Industrial, mining rail vehicle

\*-Asterisks denote a summary level code not assigned to individual cases.

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829 Rail vehicle, n.e.c

**83\* Water vehicles**

830 Water vehicle, unspecified

831 Barge

832 Commercial fishing vessel

833 Tugboat, towboat

834 Cargo ship, freighter, passenger liner, ship, excluding sail-powered

835 Motorboat, motorized yacht

836 Sailboat

837 Rowboat, kayak, canoe

838 Raft, floating dock

839 Water vehicle, n.e.c

**84\* Highway vehicles, motorized**

840 Highway vehicle, motorized, unspecified

841\* Passenger vehicles—automobiles, buses, and passenger vans

8410 Passenger vehicle, unspecified

8411 Ambulance, police, and other emergency passenger vehicle

8412 Taxi

8413 Automobile

8414 Bus

8415 Passenger van

8416 Motorcycle, moped, dirt bike

8417 Motor home, RV

8419 Passenger vehicle, n.e.c

842\* Trucks—motorized freight hauling and utility

8420 Truck—motorized freight hauling and utility, unspecified

8421 Semi, tractor-trailer, tanker truck

8422 Boom truck, bucket or basket hoist truck

8423 Dump truck

8424 Garbage, recycling, or refuse truck

8425 Fire truck, other emergency equipment truck

8426 Delivery truck or van

8427 Cement truck, concrete mixer truck

8428 Tow truck

8429 Truck—motorized freight hauling and utility, n.e.c

843\* Multi-purpose highway vehicles

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 8430 Multi-purpose highway vehicle, unspecified
  - 8431 Pickup truck
  - 8432 SUV, sports utility vehicle
  - 8439 Multi-purpose highway vehicle, n.e.c.
  
  - 849 Highway vehicle, motorized, n.e.c.
  
  - 85\* Animal- and human- powered vehicles**
  
  - 850 Animal- or human-powered vehicle, unspecified
  - 851 Bicycle, pedal cycle
  - 852 Horse-drawn carriage, buggy
  - 853 Animal-powered wagon
  - 859 Animal- or human-powered vehicle, n.e.c.
  
  - 86\* Off-road and industrial vehicles—powered**
  
  - 860 Off-road or industrial vehicle—powered, unspecified
  
  - 861\* Off-road passenger vehicles—powered
  - 8610 Off-road passenger vehicle—powered, unspecified
  - 8611 ATV, all terrain vehicle
  - 8612 Golf cart, personnel transport cart
  - 8613 Racecar
  - 8614 Snowmobile
  - 8619 Off-road passenger vehicles—powered, n.e.c
  
  - 862\* Industrial vehicles, material hauling and transport—powered
  - 8620 Industrial vehicle, material hauling and transport—powered, unspecified
  - 8621 Forklift, order picker, platform truck—powered
  - 8622 Powered industrial carrier
  - 8623 Pallet jack—powered
  - 8624 Airport utility vehicle—powered
  - 8629 Industrial vehicle, material hauling and transport—powered, n.e.c
  
  - 863\* Tractors, PTOs
  - 8630 Tractor, unspecified
  - 8631 Farm tractor
  - 8632 Construction tractor
  - 8633 Industrial tractor
  - 8634 Power take-off (PTO)
  - 8639 Tractor, n.e.c.

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 869 Off-road or industrial vehicle—powered, n.e.c
- 87\* Plant and industrial vehicles—nonpowered**
- 870 Plant and industrial vehicle—nonpowered, unspecified
- 871 Cart, dolly, hand truck—nonpowered
- 872 Pallet jack—nonpowered
- 873 Wagon
- 874 Wheelbarrow
- 875 Shopping cart, grocery carriage—nonpowered
- 879 Plant and industrial vehicle—nonpowered, n.e.c
- 89\* Other vehicles**
- 890 Other vehicles, unspecified
- 891 Armored personnel carrier
- 892 Tank
- 893 Humvee
- 894 Street sweeping and cleaning machinery
- 899 Vehicle, n.e.c

\*-Asterisks denote a summary level code not assigned to individual cases.

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**9\* OTHER SOURCES**

**90 Other sources, unspecified**

**91\* Apparel and textiles**

910 Apparel and textiles, unspecified

911\* Clothing and shoes

9110 Clothing, unspecified

9111 Belts, gloves, neckties, scarves

9112 Blouses, shirts, dresses, trousers, skirts

9113 Hats, caps

9114 Shoes, boots, slippers, sandals

9115 Suits, coats, jackets

9119 Clothing, n.e.c.

912\* Eye glasses, jewelry, and watches

9120 Eye glasses, jewelry, and watches, unspecified

9121 Eye glasses, sunglasses

9122 Jewelry, ID badge lanyards

9123 Watches

913\* Textiles

9130 Textiles, unspecified

9131 Fabric

9132 Yarn, thread

9139 Textiles, n.e.c.

914 Laundry

915 Sheets, towels, linens, bedding

919 Apparel and textiles, n.e.c.

**92\* Environmental and elemental conditions**

920 Environmental and elemental conditions, unspecified

921\* Air pressure

9210 Air pressure, unspecified

9211 Atmospheric pressure—high or low

9212 Pressurized air—environmental

9213 Pressurized air—blast

9219 Air pressure, n.e.c.

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 922 Avalanche, mudslide
  - 923 Earthquake
  
  - 924\* Fire, flame, smoke
  - 9240 Fire, flame, smoke, unspecified
  - 9241 Fire, flame
  - 9242 Tobacco smoke
  - 9243 Smoke, fire gases, n.e.c.
  - 9248 Multiple fire, flame, smoke
  
  - 925\* Flooding and other water sources
  - 9250 Flooding and other water sources, unspecified
  - 9251 Flooding
  - 9252 Waves, surges, rough seas
  - 9253 Water pressure—high or low
  - 9254 Pressurized water—blast
  - 9259 Flooding and other water sources, n.e.c.
  
  - 926\* Temperature extremes—environmental
  - 9260 Temperature extremes—environmental, unspecified
  - 9261 Cold—environmental
  - 9262 Heat—environmental
  
  - 927\* Weather and atmospheric conditions
  - 9270 Weather and atmospheric conditions, unspecified
  - 9271 Fog
  - 9272 High winds, gusts, turbulence
  - 9273 Ice, sleet, snow
  - 9274 Lightning
  - 9275 Rain
  - 9276 Smog, poor outdoor air quality
  - 9277 Tornado, hurricane, typhoon
  - 9278 Multiple weather and atmospheric conditions
  - 9279 Weather and atmospheric conditions, n.e.c.
  
  - 929\* Other environmental and elemental conditions
  - 9291 Noise
  - 9292 Sun
  - 9293 Welders' flash
  - 9294 Other ultraviolet (UV) light
  - 9295 Microwaves
  - 9296 Poor indoor air quality
  - 9297 Oxygen-deficient environment

\*-Asterisks denote a summary level code not assigned to individual cases.

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9299 Environmental and elemental conditions, n.e.c.

**93\* Paper, books, magazines**

930 Paper, books, magazines, unspecified  
931 Books, notebooks, magazines, catalogues  
932 Paper, sheets  
933 Binders, files, charts  
939 Paper, books, magazines, n.e.c.

**94\* Scrap, waste, debris**

940 Scrap, waste, debris, unspecified  
941\* Chips, particles, splinters  
9410 Chips, particles, splinters, unspecified  
9411 Dirt particles and dust from dirt, debris  
9412 Broken glass, glass chips, or fibers  
9413 Metal chips, particles  
9414 Wood chips, sawdust  
9415 Wood splinters  
9416 Plastic chips, particles  
9419 Chips, particles, splinters, n.e.c.  
942 Sewage  
943 Construction debris  
944 Trash, garbage  
945 Scrap metal  
949 Scrap, waste, debris, n.e.c.

**95\* Other steam, vapors, liquids, ice**

950 Steam, vapor, liquids, ice, unspecified  
951 Steam, vapors—nonchemical  
952\* Liquids—nonchemical  
9520 Liquids, unspecified  
9521 Water  
9529 Liquids, n.e.c.  
953 Ice—blocks, cubes, crushed  
959 Steam, vapor, liquids, ice, n.e.c.

**99 Source, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.

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**9999 Nonclassifiable**

\*-Asterisks denote a summary level code not assigned to individual cases.



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<b>SECTION 3.4</b>
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<b>Event or</b>
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<b>Exposure</b>
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<b>Code Titles</b>
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\*-Asterisks denote a summary level code not assigned to individual cases.

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### 3.4 Event or Exposure—Titles and Descriptions

The Event or Exposure code structure is arranged so that codes are listed in their order of precedence.

The Event or Exposure divisions are arranged as follows:

<u>DIVISION</u>	<u>TITLE</u>
1	Violence and other injuries by persons or animals
2	Transportation incidents
3	Fires and explosions
4	Falls, slips, trips
5	Exposure to harmful substances or environments
6	Contact with object or equipment
7	Overexertion and bodily reaction
9999	Nonclassifiable

\*-Asterisks denote a summary level code not assigned to individual cases.

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**1\* VIOLENCE AND OTHER INJURIES BY PERSONS OR ANIMALS**

**10 Violence and other injuries by persons or animals, unspecified**

**11\* Intentional injury by person**

110 Intentional injury by person, unspecified

111\* Intentional injury by other person

1110 Intentional injury by other person, unspecified

1111 Shooting by other person—intentional

1112 Stabbing, cutting, slashing, piercing

1113 Hitting, kicking, beating, shoving

1114 Strangulation by other person

1115 Bombing, arson

1116 Rape, sexual assault

1117 Threat, verbal assault

1118 Multiple violent acts by other person

1119 Intentional injury by other person, n.e.c.

112\* Self-inflicted injury—intentional

1120 Self-inflicted injury—intentional, unspecified

1121 Shooting—intentional self-harm

1122 Hanging, strangulation, asphyxiation—intentional self-harm

1123 Jumping from building or other structure—intentional self-harm

1124 Cutting, stabbing—intentional self-harm

1125 Drug overdose—intentional self-harm

1126 Inhalation of substance—intentional self-harm

1129 Self-inflicted injury—intentional, n.e.c.

**12\* Injury by person—unintentional or intent unknown**

120 Injury by person—unintentional or intent unknown, unspecified

121\* Injury by other person—unintentional or intent unknown

1210 Injury by other person—unintentional or intent unknown, unspecified

1211 Shooting by other person—unintentional

1212 Injured by physical contact with other person in sporting event or physical training

1213 Injured by physical contact during horseplay

1214 Injured by physical contact with person while restraining, subduing—unintentional

1215 Injured by physical contact with person while moving that person—unintentional

1218 Multiple unintentional injuries by other person

1219 Injury by other person—unintentional or intent unknown, n.e.c.

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 122\* Self-inflicted injury—unintentional or intent unknown
  - 1220 Self-inflicted injury—unintentional or intent unknown, unspecified
  - 1221 Self-inflicted shooting—unintentional
  - 1222 Self-inflicted shooting—intent unknown
  - 1223 Self-tasered—unintentional
  - 1224 Drug overdose—intent unknown
  - 1229 Self-inflicted injury—unintentional or intent unknown, n.e.c.
  
  - 129 Injury by person—unintentional or intent unknown, n.e.c.
  
  - 13\* Animal and insect related incidents**
  
  - 130 Animal and insect related incidents, unspecified
  
  - 131\* Bites and stings
  - 1310 Bites and stings, unspecified
  - 1311 Stings and venomous bites
  - 1312 Nonvenomous insect bites
  - 1313 Other animal bites, nonvenomous
  - 1319 Bites and stings, n.e.c.
  
  - 132\* Struck by animal
  - 1320 Struck by animal, unspecified
  - 1321 Trampled by or stepped on by animal
  - 1322 Kicked by animal
  - 1323 Mauled, clawed, or scratched by animal
  - 1324 Gored or rammed by animal
  - 1329 Struck by animal, n.e.c.
  
  - 138\* Multiple types of animal and insect incidents
  - 1380 Multiple types of animal and insect incidents, unspecified
  - 1381 Bitten and struck by animal
  - 1389 Multiple types of animal and insect incidents, n.e.c.
  
  - 139 Animal and insect related incidents, n.e.c.

\*-Asterisks denote a summary level code not assigned to individual cases.

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**2\***     **TRANSPORTATION INCIDENTS**

**20**     **Transportation incident, unspecified**

**21\***     **Aircraft incidents**

210     Aircraft incident, unspecified

211     Pedestrian struck by aircraft or propeller

212\*    Aircraft crash during takeoff or landing

2120    Aircraft crash during takeoff or landing, unspecified

2121    Aircraft crash during takeoff or landing—due to mechanical failure

2122    Aircraft crash during takeoff or landing—between air vehicles

2123    Aircraft crash during takeoff or landing—with ground vehicle

2124    Aircraft crash during takeoff or landing—into structure, object, or ground

2129    Aircraft crash during takeoff or landing, n.e.c.

213     Explosion or fire on aircraft

214     Aircraft crash due to low-altitude entanglement

215\*    Other in-flight crash

2150    Other in-flight crash, unspecified

2151    Other in-flight crash due to mechanical failure

2152    Other in-flight crash between air vehicles

2153    Other in-flight crash into structure, object, or ground

2159    Other in-flight crash, n.e.c.

216     Parachuting incident

217     Fall on aircraft during transport

219     Aircraft incident, n.e.c.

**22\***     **Rail vehicle incidents**

220     Rail vehicle incident, unspecified

221\*    Collision between rail vehicle and another vehicle

2210    Rail vehicle collision, unspecified

2211    Collision between two rail vehicles

2212    Collision between rail and roadway vehicles

2219    Rail vehicle collision, n.e.c.

222     Derailment

223     Explosion or fire on rail vehicle—transportation incident

224     Fall or jump from and struck by rail vehicle—transportation incident

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 225 Fall or jump from rail vehicle—transportation incident
  - 226 Fall on rail vehicle—transportation incident
  - 227 Pedestrian struck by rail vehicle—transportation incident
  - 229 Rail vehicle incident, n.e.c.
  
  - 23\* Animal and other non-motorized vehicle transportation incidents**
  
  - 230 Animal and other non-motorized vehicle transportation incident, unspecified
  
  - 231\* Animal transportation incident
  - 2310 Animal transportation incident, unspecified
  - 2311 Animal transportation collision in roadway
  - 2312 Animal transportation collision in nonroadway area
  - 2313 Thrown, fell, or jumped from animal being ridden
  - 2314 Thrown, tipped, or fell from animal-drawn vehicle
  - 2315 Animal transportation—struck bump, hole, or other rough terrain
  - 2319 Animal transportation incident, n.e.c.
  
  - 232\* Pedal cycle incident
  - 2320 Pedal cycle incident, unspecified
  - 2321 Pedal cycle collision in roadway
  - 2322 Pedal cycle collision in nonroadway area
  - 2323 Fall from pedal cycle
  - 2324 Pedal cycle struck bump, hole, or other rough terrain
  - 2329 Pedal cycle incident, n.e.c.
  
  - 239 Animal and other non-motorized vehicle transportation incident, n.e.c.
  
  - 24\* Pedestrian vehicular incidents**
  
  - 240 Pedestrian vehicular incident, unspecified
  
  - 241\* Pedestrian struck by vehicle in work zone
  - 2410 Pedestrian struck by vehicle in work zone, unspecified
  - 2411 Pedestrian struck by vehicle propelled by another vehicle in work zone
  - 2412 Pedestrian struck by forward-moving vehicle in work zone
  - 2413 Pedestrian struck by vehicle backing up in work zone
  - 2419 Pedestrian struck by vehicle in work zone, n.e.c.
  
  - 242\* Pedestrian struck by vehicle in roadway
  - 2420 Pedestrian struck by vehicle in roadway, unspecified
  - 2421 Pedestrian struck by vehicle propelled by another vehicle in roadway
  - 2422 Pedestrian struck by forward-moving vehicle in roadway

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 2423 Pedestrian struck by vehicle backing up in roadway
  - 2429 Pedestrian struck by vehicle in roadway, n.e.c.
  
  - 243\* Pedestrian struck by vehicle on side of road
  - 2430 Pedestrian struck by vehicle on side of road, unspecified
  - 2431 Pedestrian struck by vehicle propelled by another vehicle on side of road
  - 2432 Pedestrian struck by forward-moving vehicle on side of road
  - 2433 Pedestrian struck by vehicle backing up on side of road
  - 2439 Pedestrian struck by vehicle on side of road, n.e.c.
  
  - 244\* Pedestrian struck by vehicle in nonroadway area
  - 2440 Pedestrian struck by vehicle in nonroadway area, unspecified
  - 2441 Pedestrian struck by vehicle propelled by another vehicle in nonroadway area
  - 2442 Pedestrian struck by forward-moving vehicle in nonroadway area
  - 2443 Pedestrian struck by vehicle backing up in nonroadway area
  - 2449 Pedestrian struck by vehicle in nonroadway area, n.e.c.
  
  - 249 Pedestrian vehicular incident, n.e.c.
  
  - 25\* Water vehicle incidents**
  
  - 250 Water vehicle incident, unspecified
  
  - 251 Water vehicle or propeller struck person
  
  - 252\* Water vehicle collisions
  - 2520 Water vehicle collision, unspecified
  - 2521 Collision between water vehicles
  - 2522 Collision between water vehicle and object
  - 2529 Water vehicle collision, n.e.c.
  
  - 253 Explosion or fire on water vehicle
  - 254 Capsized or sinking water vehicle
  - 255 Fall or jump and struck by water vehicle
  - 256 Fall or jump from water vehicle
  - 257 Machinery or equipment incident on water vehicle
  - 258 Fall on water vehicle
  - 259 Water vehicle incident, n.e.c.
  
  - 26\* Roadway incidents involving motorized land vehicle**
  
  - 260 Roadway incident involving motorized land vehicle, unspecified
  
  - 261\* Roadway collision with other vehicle

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 2610 Roadway collision with other vehicle, unspecified
  - 2611 Roadway collision—moving in same direction
  - 2612 Roadway collision—moving in opposite directions, oncoming
  - 2613 Roadway collision—moving perpendicularly
  - 2614 Roadway collision—moving and standing vehicle in roadway
  - 2615 Roadway collision—moving and standing vehicle on side of roadway
  - 2619 Roadway collision with other vehicle, n.e.c.
  
  - 262\* Roadway collision with object other than vehicle
  
  - 2620 Roadway collision with object other than vehicle, unspecified
  - 2621 Vehicle struck object or animal in roadway
  - 2622 Vehicle struck object or animal on side of roadway
  - 2623 Vehicle struck by falling or flying object—roadway
  - 2629 Roadway collision with object other than vehicle, n.e.c.
  
  - 263\* Roadway noncollision incident
  - 2630 Roadway noncollision incident, unspecified
  - 2631 Jack-knifed or overturned, roadway
  - 2632 Ran off roadway
  - 2633 Struck by shifting load during transport, roadway
  - 2634 Fall or jump from and struck by same vehicle in normal operation, roadway
  - 2635 Fall or jump from and struck by another vehicle in normal operation, roadway
  - 2636 Fall or jump from vehicle in normal operation, roadway
  - 2637 Sudden start or stop, roadway
  - 2638 Struck bump, hole, or rough terrain in road surface
  - 2639 Roadway noncollision incident, n.e.c.
  
  - 269 Roadway incident involving motorized land vehicle, n.e.c.
  
  - 27\* Nonroadway incidents involving motorized land vehicles**
  
  - 270 Nonroadway incident involving motorized land vehicle, unspecified
  
  - 271\* Nonroadway collision with other vehicle
  - 2710 Nonroadway collision with other vehicle, unspecified
  - 2711 Moving in same direction, nonroadway
  - 2712 Moving in opposite directions, oncoming, nonroadway
  - 2713 Collision between a moving and standing vehicle, nonroadway
  - 2719 Nonroadway collision with other vehicle, n.e.c.
  
  - 272\* Nonroadway collisions with object other than vehicle
  - 2720 Nonroadway collision with object other than vehicle, unspecified

\*-Asterisks denote a summary level code not assigned to individual cases.



- 
- 2721 Part of occupant's body caught between vehicle and other object in nonroadway transport incident
  - 2729 Nonroadway collision with object other than vehicle, n.e.c.
  - 273\* Nonroadway noncollision incident
  - 2730 Nonroadway noncollision incident, unspecified
  - 2731 Jack-knifed or overturned, nonroadway
  - 2732 Ran off driving surface, nonroadway
  - 2733 Struck by shifting load during transport, nonroadway
  - 2734 Fall or jump from and struck by same vehicle in normal operation, nonroadway
  - 2735 Fall or jump from and struck by another vehicle in normal operation, nonroadway
  - 2736 Fall or jump from vehicle in normal operation, nonroadway
  - 2737 Sudden start or stop, nonroadway
  - 2738 Struck bump, hole, rough terrain on driving surface, nonroadway
  - 2739 Nonroadway noncollision incident, n.e.c.
  - 279 Nonroadway incident involving motorized land vehicle, n.e.c.
  - 29 Transportation incident, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.

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**3\* FIRES AND EXPLOSIONS**

**30 Fire or explosion, unspecified**

**31\* Fires**

- 310 Fire, unspecified
- 311 Collapsing building, structure, or structural element during fire
- 312 Other structural fire without collapse
- 313 Vehicle or machinery fire
- 314 Ignition of clothing from controlled heat source
- 315 Small-scale (limited) fire
- 316 Forest or brush fire
- 317 Ignition of vapors, gases, or liquids
- 319 Nonstructural fire, n.e.c.

**32\* Explosions**

- 320 Explosion, unspecified
- 321 Dust explosion
- 322 Explosion of nonpressurized vapors, gases, or liquids
- 323 Explosion of pressure vessel, piping, or tire
- 324 Demolition or blasting explosion
- 329 Explosion, n.e.c.

\*-Asterisks denote a summary level code not assigned to individual cases.

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**4\* FALLS, SLIPS, TRIPS**

**40 Fall, slip, trip, unspecified**

**41\* Slip or trip without fall**

410 Slip or trip without fall, unspecified

411\* Slip without fall

4110 Slip without fall, unspecified

4111 Slip on substance without fall

4112 Slip on vehicle without fall—nontransport

4119 Slip without fall, n.e.c.

412\* Trip without fall

4120 Trip without fall, unspecified

4121 Trip from stepping into a hole without fall

4122 Trip on uneven surface without fall

4123 Trip over an object without fall

4124 Trip on vehicle without fall—nontransport

4125 Trip over self without fall

4129 Trip without fall, n.e.c.

419 Slip or trip without fall, n.e.c.

**42\* Falls on same level**

420 Fall on same level, unspecified

421\* Fall on same level due to tripping

4210 Fall on same level due to tripping, unspecified

4211 Fall on same level while climbing stairs, steps, or curbs

4212 Fall on same level due to tripping on uneven surface

4213 Fall on same level due to tripping over an object

4214 Fall on same level due to tripping over self

4219 Fall on same level due to tripping, n.e.c.

422 Fall on same level due to slipping

423 Fall while sitting

424 Fall onto or against object on same level, n.e.c.

429 Fall on same level, n.e.c.

**43\* Falls to lower level**

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 430 Fall to lower level, unspecified
- 431\* Fall from collapsing structure or equipment
- 4310 Fall from collapsing structure or equipment, unspecified
- 4311 Fall from collapsing structure or equipment less than 6 feet
- 4312 Fall from collapsing structure or equipment 6 to 10 feet
- 4313 Fall from collapsing structure or equipment 11 to 15 feet
- 4314 Fall from collapsing structure or equipment 16 to 20 feet
- 4315 Fall from collapsing structure or equipment 21 to 25 feet
- 4316 Fall from collapsing structure or equipment 26 to 30 feet
- 4317 Fall from collapsing structure or equipment more than 30 feet
- 432\* Fall through surface or existing opening
- 4320 Fall through surface or existing opening, unspecified
- 4321 Fall through surface or existing opening less than 6 feet
- 4322 Fall through surface or existing opening 6 to 10 feet
- 4323 Fall through surface or existing opening 11 to 15 feet
- 4324 Fall through surface or existing opening 16 to 20 feet
- 4325 Fall through surface or existing opening 21 to 25 feet
- 4326 Fall through surface or existing opening 26 to 30 feet
- 4327 Fall through surface or existing opening more than 30 feet
- 433\* Other fall to lower level
- 4330 Other fall to lower level, unspecified
- 4331 Other fall to lower level less than 6 feet
- 4332 Other fall to lower level 6 to 10 feet
- 4333 Other fall to lower level 11 to 15 feet
- 4334 Other fall to lower level 16 to 20 feet
- 4335 Other fall to lower level 21 to 25 feet
- 4336 Other fall to lower level 26 to 30 feet
- 4337 Other fall to lower level more than 30 feet
- 44\* Jumps to lower level**
- 440 Jump to lower level, unspecified
- 441\* Jump from collapsing structure or equipment
- 4410 Jump from collapsing structure or equipment, unspecified
- 4411 Jump from collapsing structure or equipment less than 6 feet
- 4412 Jump from collapsing structure or equipment 6 to 10 feet
- 4413 Jump from collapsing structure or equipment 11 to 15 feet
- 4414 Jump from collapsing structure or equipment 16 to 20 feet
- 4415 Jump from collapsing structure or equipment 21 to 25 feet

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 4416 Jump from collapsing structure or equipment 26 to 30 feet
  - 4417 Jump from collapsing structure or equipment more than 30 feet
  
  - 442\* Other jump to lower level
  - 4420 Other jump to lower level, unspecified
  - 4421 Other jump to lower level less than 6 feet
  - 4422 Other jump to lower level 6 to 10 feet
  - 4423 Other jump to lower level 11 to 15 feet
  - 4424 Other jump to lower level 16 to 20 feet
  - 4425 Other jump to lower level 21 to 25 feet
  - 4426 Other jump to lower level 26 to 30 feet
  - 4427 Other jump to lower level more than 30 feet
  
  - 45 Fall or jump curtailed by personal fall arrest system**
  
  - 49 Fall, slip, trip, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.

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**5\* EXPOSURE TO HARMFUL SUBSTANCES OR ENVIRONMENTS**

**50 Exposure to harmful substances or environments, unspecified**

**51\* Exposure to electricity**

510 Exposure to electricity, unspecified

511\* Direct exposure to electricity

5110 Direct exposure to electricity, unspecified

5111 Direct exposure to electricity, 220 volts or less

5112 Direct exposure to electricity, greater than 220 volts

512\* Indirect exposure to electricity

5120 Indirect exposure to electricity, unspecified

5121 Indirect exposure to electricity, 220 volts or less

5122 Indirect exposure to electricity, greater than 220 volts

**52\* Exposure to radiation and noise**

520 Exposure to radiation and noise, unspecified

521\* Exposure to light and other radiation

5210 Exposure to light and other radiation, unspecified

5211 Exposure to light

5212 Exposure to other radiation

522\* Exposure to noise

5220 Exposure to noise, unspecified

5221 Single, brief exposure to noise

5222 Single, prolonged exposure to noise

5223 Repeated exposure to noise

5229 Exposure to noise, n.e.c.

**53\* Exposure to temperature extremes**

530 Exposure to temperature extremes, unspecified

531 Exposure to environmental heat

532 Exposure to environmental cold

533 Contact with hot objects or substances

534 Contact with cold objects or substances

**54\* Exposure to air and water pressure change**

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 540 Exposure to air and water pressure change, unspecified  
541 Exposure to change in water pressure  
542 Exposure to change in air pressure
- 55\* Exposure to other harmful substances**
- 550 Exposure to other harmful substances, unspecified  
551 Nonmedical use of drugs or alcohol—unintentional overdose
- 552\* Inhalation of harmful substance  
5520 Inhalation of harmful substance, unspecified  
5521 Inhalation of harmful substance—single episode  
5522 Inhalation of harmful substance—multiple episodes
- 553 Ingestion of harmful substance
- 554\* Exposure to harmful substance through skin, eyes, or other exposed tissue  
5540 Exposure to harmful substance through skin, eyes, or other exposed tissue, unspecified  
5541 Exposure through unintentional needlestick or sharp injury  
5542 Exposure through medical injection  
5543 Exposure through scratch or other open wound  
5544 Exposure through intact skin, eyes, or other exposed tissue  
5548 Multiple types of exposures through skin, eyes, or other exposed tissue  
5549 Exposure through skin, eyes, or other exposed tissue, n.e.c.
- 558 Exposure to other harmful substance—multiple routes of exposure  
559 Exposure to other harmful substances, n.e.c.
- 56\* Exposure to oxygen deficiency, n.e.c.**
- 560 Exposure to oxygen deficiency, unspecified  
561 Drowning, submersion, n.e.c.  
562 Choking on object or substance  
563 Depletion of oxygen  
569 Other oxygen deficiency, n.e.c.
- 57 Exposure to traumatic or stressful event, n.e.c.**
- 59 Exposure to harmful substances or environments, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.

---

**6 \* CONTACT WITH OBJECTS AND EQUIPMENT**

**60 Contact with objects and equipment, unspecified**

**61 Needlestick without exposure to harmful substance**

**62\* Struck by object or equipment**

620 Struck by object or equipment, unspecified

621\* Struck by powered vehicle—nontransport

6210 Struck by powered vehicle—nontransport, unspecified

6211 Caught between rolling powered vehicle and other object

6212 Struck or run over by rolling powered vehicle

6213 Struck by swinging part of powered vehicle

6214 Struck by falling part of powered vehicle still attached

6215 Struck by powered vehicle tipping over—nontransport

6216 Struck by other falling powered vehicle

6219 Struck by powered vehicle—nontransport, n.e.c.

622\* Struck by rolling object or equipment—other than powered vehicle

6220 Struck by rolling object or equipment—other than powered vehicle, unspecified

6221 Struck by rolling object or equipment being pushed by injured worker

6222 Struck by rolling object or equipment being pushed by another person

6223 Struck by object or equipment rolling freely

6229 Struck by rolling object or equipment—other than powered vehicle, n.e.c.

623\* Struck by falling object or equipment—other than powered vehicle

6230 Struck by falling object or equipment, unspecified

6231 Struck by object or equipment dropped by injured worker

6232 Struck by object or equipment dropped by other person

6233 Struck by object falling from vehicle or machinery—other than vehicle part

6239 Struck by falling object or equipment, n.e.c.

624\* Struck by discharged or flying object

6240 Struck by discharged or flying object, unspecified

6241 Struck by dislodged flying object, particle

6242 Struck by discharged object or substance

6243 Struck by thrown object—unintentional injury

6249 Struck by discharged or flying object, n.e.c.

625\* Injured by handheld object or equipment

6250 Injured by handheld object or equipment, unspecified

\*-Asterisks denote a summary level code not assigned to individual cases.



- 
- 6251 Injured by object breaking in hand
  - 6252 Injured by slipping or swinging object held by injured worker
  - 6253 Injured by slipping or swinging object held by other person
  - 6259 Injured by handheld object or equipment, n.e.c.
  
  - 626\* Struck by swinging or slipping object, other than handheld
  - 6260 Struck by swinging or slipping object, other than handheld, unspecified
  - 6261 Struck by or caught in swinging door or gate
  - 6269 Struck by swinging or slipping object, other than handheld, n.e.c.
  
  - 629 Struck by object or equipment, n.e.c.

**63\* Struck against object or equipment**

- 630 Struck against object or equipment, unspecified
  
- 631\* Struck against moving object or equipment
- 6310 Struck against moving object or equipment, unspecified
- 6311 Struck against moving part of machinery or equipment
- 6312 Struck against object or equipment while moving it
- 6319 Struck against moving object or equipment, n.e.c.
  
- 632\* Struck against stationary object or equipment
- 6320 Struck against stationary object or equipment, unspecified
- 6321 Stepped on object
- 6322 Struck against stationary object or equipment while rising
- 6329 Struck against stationary object or equipment, n.e.c.
  
- 639 Struck against object or equipment, n.e.c.

**64\* Caught in or compressed by equipment or objects**

- 640 Caught in or compressed by equipment or objects, unspecified
  
- 641\* Caught in running equipment or machinery
- 6410 Caught in running equipment or machinery, unspecified
- 6411 Caught in running equipment or machinery during maintenance, cleaning
- 6412 Caught in running equipment or machinery during regular operation
- 6419 Caught in running equipment or machinery, n.e.c.
  
- 642 Compressed or pinched by shifting objects or equipment
- 643 Compressed or pinched between two stationary objects
- 644 Entangled in other object or equipment
- 649 Caught in or compressed by equipment or objects, n.e.c.

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 65\* Struck, caught, or crushed in collapsing structure, equipment, or material**
- 650 Struck, caught, or crushed in collapsing structure, equipment, or material, unspecified
  - 651 Excavation or trenching cave-in
  - 652 Mine collapse or cave-in
  - 653 Other cave-in
  - 654 Landslide
  - 655 Struck, caught, or crushed in other collapsing structure or equipment
  - 656 Engulfment in other collapsing material
  - 659 Struck, caught, or crushed in collapsing structure, equipment, or material, n.e.c.
- 66\* Rubbed or abraded by friction or pressure**
- 660 Rubbed or abraded by friction or pressure, unspecified
  - 661 Rubbed or abraded by kneeling on surface
  - 662 Rubbed or abraded by objects being handled
  - 663 Rubbed or abraded by foreign matter in eye
  - 664 Rubbed or abraded by shoes, apparel, or accessories
  - 669 Rubbed or abraded by friction or pressure, n.e.c.
- 67\* Rubbed, abraded, or jarred by vibration**
- 670 Rubbed, abraded, or jarred by vibration, unspecified
  - 671 Rubbed, abraded, or jarred by vehicle or mobile equipment vibration
  - 672 Rubbed, abraded, or jarred by other machine or equipment vibration
  - 679 Rubbed, abraded, or jarred by vibration, n.e.c.
- 69 Contact with objects and equipment, n.e.c.**

\*-Asterisks denote a summary level code not assigned to individual cases.

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**7\* OVEREXERTION AND BODILY REACTION**

**70 Overexertion and bodily reaction, unspecified**

**71\* Overexertion involving outside sources**

710 Overexertion involving outside sources, unspecified

711\* Overexertion in lifting, lowering

7110 Overexertion in lifting, lowering, unspecified

7111 Overexertion in lifting—single episode

7112 Overexertion in lifting—multiple episodes

7113 Overexertion in lowering—single episode

7114 Overexertion in lowering—multiple episodes

712\* Overexertion in pushing, pulling, or turning

7120 Overexertion in pushing, pulling, or turning, unspecified

7121 Overexertion in pushing, pulling, or turning—single episode

7122 Overexertion in pushing, pulling, or turning—multiple episodes

713\* Overexertion in holding, carrying, or wielding

7130 Overexertion in holding, carrying, or wielding, unspecified

7131 Overexertion in holding, carrying, or wielding—single episode

7132 Overexertion in holding, carrying, or wielding—multiple episodes

714\* Overexertion in throwing, catching

7140 Overexertion in throwing, catching, unspecified

7141 Overexertion in throwing—single episode

7142 Overexertion in throwing—multiple episodes

7143 Overexertion in catching—single episode

7144 Overexertion in catching—multiple episodes

718 Multiple types of overexertion involving outside sources

719 Overexertion involving outside sources, n.e.c.

**72\* Repetitive motions involving microtasks**

720 Repetitive motions involving microtasks, unspecified

721 Typing, key entry, texting, or mousing

722 Repetitive use of tools, instruments

723 Repetitive grasping, placing, or moving objects, except tools

724 Repetitive use of hands, not involving tools

728 Multiple types of repetitive motions

729 Repetitive motions involving microtasks, n.e.c.

\*-Asterisks denote a summary level code not assigned to individual cases.

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**73\* Other exertions or bodily reactions**

- 730 Other exertions or bodily reactions, unspecified
- 731\* Bending, crawling, reaching, twisting, climbing, stepping
- 7310 Bending, crawling, reaching, twisting, climbing, stepping, unspecified
- 7311 Bending, crawling, reaching, twisting—single episode
- 7312 Bending, crawling, reaching, twisting—repetitive or prolonged
- 7313 Climbing or stepping up or down—single episode
- 7314 Climbing or stepping up or down—repetitive or prolonged
- 732\* Kneeling, kneeling down
- 7320 Kneeling, kneeling down, unspecified
- 7321 Kneeling, kneeling down—single episode
- 7322 Kneeling, kneeling down—repetitive or prolonged
- 733\* Sitting, sitting down
- 7330 Sitting, sitting down, unspecified
- 7331 Sitting, sitting down—single episode
- 7332 Sitting, sitting down—repetitive or prolonged
- 734\* Standing, standing up
- 7340 Standing, standing up, unspecified
- 7341 Standing, standing up—single episode
- 7342 Standing, standing up—repetitive or prolonged
- 735\* Walking, without other incident
- 7350 Walking, without other incident, unspecified
- 7351 Walking, without other incident—single episode
- 7352 Walking, without other incident—repetitive or prolonged
- 736\* Running, without other incident
- 7360 Running, without other incident, unspecified
- 7361 Running, without other incident—single episode
- 7362 Running, without other incident—repetitive or prolonged
- 737\* Boarding, alighting—excluding slip, trip, fall
- 7370 Boarding, alighting—excluding slip, trip, fall, unspecified
- 7371 Boarding, alighting—excluding slip, trip, fall—single episode
- 7372 Boarding, alighting—excluding slip, trip, fall—repetitive or prolonged
- 738 Multiple types of exertions and bodily reactions
- 739\* Other exertions or bodily reactions

\*-Asterisks denote a summary level code not assigned to individual cases.

- 
- 7391 Sustained viewing
  - 7399 Other exertions or bodily reactions, n.e.c.
  - 74 Bodily conditions, n.e.c.**
  - 78 Multiple types of overexertions and bodily reactions**
  - 79 Overexertion and bodily reaction and exertion, n.e.c.**
  - 9999 Nonclassifiable**

\*-Asterisks denote a summary level code not assigned to individual cases.

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## **SECTION 4**

### **Alphabetical Indices**

#### **SECTION CONTENTS**

- 4.1 Nature of Injury or Illness
- 4.2 Part of Body Affected
- 4.3 Source of Injury or Illness;  
Secondary Source of Injury or Illness
- 4.4 Event or Exposure

\*-Asterisks denote a summary level code not assigned to individual cases.

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**SECTION 4.1**

**Nature of  
Injury or Illness  
Index**

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## NATURE CODE INDEX

A		
3221	Abacterial meningitis	2831 Acne
253	Abdominal hernia from repeated exertions	2831 Acne varioliformis
124	Abdominal hernia from single or short term exertion	3211 Acquired immune deficiency syndrome (AIDS)—diagnosed
5174	Abdominal pain, unspecified	3199 Actinomycotic infections
521	Abnormal blood-gas level	2819 Acute abscess of lymph gland or node
521	Abnormal blood-lead level	2359 Acute and subacute endocarditis
525	Abnormal electrocardiogram (EKG, ECG), electroencephalogram (EEG), electroretinogram (ERG)	241 Acute bronchitis and bronchiolitis
52*	Abnormal findings	2341 Acute cor pulmonale
521	Abnormal findings from examination of blood	195* Acute dermatitis
522	Abnormal findings from examination of urine	2819 Acute lymphadenitis
525	Abnormal findings from function studies	2351 Acute myocarditis
526*	Abnormal findings from histological and immunological studies	2359 Acute pericarditis
5269	Abnormal findings from histological and immunological studies, n.e.c.	2342 Acute pulmonary artery or vein embolism, nontraumatic
5260	Abnormal findings from histological and immunological studies, unspecified	241 Acute respiratory infections (including common cold)
523	Abnormal findings from body substances other than blood and urine	2422 Adenoids—chronic condition
524	Abnormal findings from radiological and other examination of body structure	6212 Adjustment disorder
520	Abnormal findings, unspecified	1731 Aero-otitis media
5129	Abnormal gait	1732 Aero-sinusitis
5159	Abnormal heart sounds	21 Agranulocytosis and neutropenia
5121	Abnormal involuntary movements	3212 AIDS-like syndrome
5269	Abnormal karyotype	3212 AIDS-related complex (ARC)
524	Abnormal mammogram results	3211 AIDS (acquired immune deficiency syndrome)—diagnosed
529	Abnormal reflex	399 Ainhum
5163	Abnormal sputum	1733 Air or gas embolisms due to diving
141	Abrasion	1738 Air pressure effects, multiple
148	Abrasions and bruises of equal severity	1739 Air pressure effects, n.e.c.
141	Abrasions, scratches	1730 Air pressure effects, unspecified
264	Abscess, breast	2443 Allergic asthma, except due to short-term exposure
221	Abscess, intracranial or intraspinal	1951 Allergic dermatitis—acute
2811	Abscess, skin or subcutaneous tissue	1966 Allergic reaction, unspecified
522	Acetonuria	2421 Allergic rhinitis
1233	Achilles tendon tear or rupture—minor or moderate (grade I or II)	349 Allescheriosis
1231	Achilles tendon tear or rupture—unless specified as minor or moderate (grade I or II)	2455 Aluminosis
1232	ACL tear—minor or moderate (grade I or II)	369 Amebiasis, except dysentery
1231	ACL tear—unless specified as minor or moderate (grade I or II)	2919 Amino acid, carbohydrate, and other nutrient transport disorders
		366 Amoebic dysentery
		1311 Amputation, medical, due to traumatic injury
		1311 Amputation, nonfatal, from gunshot wound
		1311 Amputations
		1311 Amputations of body parts that were surgically reattached
		1319 Amputations, avulsions, and enucleations, n.e.c.
		131* Amputations, avulsions, enucleations

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## NATURE CODE INDEX

1310	Amputations, avulsions, enucleations, unspecified	153*	Arc flash burns
1311	Amputations, partial (regardless of bone loss)	2379	Arterial embolism and thrombosis, nontraumatic
1962	Anaphylactic shock, anaphylaxis	194	Arterial hematoma
21	Anemia and other diseases of the blood and blood forming organs	2349	Arteriovenous fistula of pulmonary vessels
2349	Aneurysm of pulmonary artery, nontraumatic	271	Arthritis
2372	Aneurysm, aortic, nontraumatic	271	Arthropathies and related disorders (arthritis)
194	Aneurysm, aortic, traumatic	271	Arthropathy
2332	Angina	324*	Arthropod-borne viral diseases
2332	Angina pectoris	3249	Arthropod-borne viral diseases, n.e.c.
143	Animal bite, nonvenomous, resulting in contusion or bruise	3240	Arthropod-borne viral diseases, unspecified
111	Animal bite, nonvenomous, resulting in fracture	2452	Asbestosis
133	Animal bite, nonvenomous, resulting in puncture wound	35	Ascariasis infection
133	Animal bite, unspecified	519	Ascites
1960	Animal bite, venomous, reaction unspecified	3221	Aseptic meningitis
196*	Animal bite, venomous, specified reaction (code to reaction)	349	Aspergillosis
35	Anisakiasis	192	Asphyxia--drowning
521	Anisocytosis	1961	Asphyxia from gas, fumes, and vapors
271	Ankylosis of the joint	191	Asphyxia from oxygen-deficient environment (except drowning)
229	Anosmia or loss of sense of smell	191	Asphyxia, compressional—except when crushing or internal injuries of the trunk are specified
2239	Anoxic brain damage—nontraumatic	191	Asphyxia, mechanical—except when crushing or internal injuries of the trunk are specified
1999	Anoxic brain injury—original injury unspecified	191	Asphyxia, positional
1232	Anterior cruciate ligament (ACL) tear—minor or moderate (grade I or II)	191	Asphyxia, traumatic—except when crushing or internal injuries of the trunk are specified
1231	Anterior cruciate ligament (ACL) tear—unless specified as minor or moderate (grade I or II)	194	Asphyxiation due to crushed chest or internal injuries of the trunk
222	Anterior horn cell disease	191	Asphyxiations, strangulations, suffocations
2451	Anthracosis	2839	Asteatosis cutis
3121	Anthrax	2443	Asthma—allergic, except due to short-term exposure
6213	Anxiety or panic disorder	1963	Asthma attack—due to short-term exposure to toxic, noxious, or allergenic substance
6213	Anxiety over exposure to disease	2449	Asthma attack—exercise-induced
621*	Anxiety, stress	2449	Asthma attack—no apparent cause
6219	Anxiety, stress, n.e.c.	1963	Asthma exacerbation—due to short-term exposure to toxic, noxious, or allergenic substance
6210	Anxiety, stress, unspecified	2454	Asthma—cotton dust
2372	Aortic aneurysm—nontraumatic	2443	Asthma—crab
194	Aortic aneurysm—traumatic	2443	Asthma—extrinsic, chronic
2372	Aortic dissection—nontraumatic	2451	Asthma—miner's
194	Aortic dissection—traumatic	2443	Asthma—occupational, unspecified
5149	Aphasia	2454	Asthma—stripper's
21	Aplasia	1963	Asthmatic reaction—due to short-term
1721	Apoplexy, heat		
3212	ARC (AIDS-related complex)		

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## NATURE CODE INDEX

	exposure to toxic, noxious, or allergenic substance	429*	Benign neoplasms and tumors of other sites
2494	Atelectasis, collapsed lung	4299	Benign neoplasms and tumors of other sites, n.e.c.
2832	Atheroma	4290	Benign neoplasms and tumors of other sites, unspecified
2379	Atherosclerosis	420	Benign neoplasms and tumors, unspecified
341	Athlete's foot	4211	Benign neoplasms of bone and articular cartilage
118	Atlanto-occipital subluxation—fatal	421*	Benign neoplasms of bone, connective tissue, and skin
1231	Avulsion of joint capsule, ligament, or tendon (no tissue loss)	4210	Benign neoplasms of bone, connective tissue, and skin, unspecified
1312	Avulsion, ear	4219	Benign neoplasms of connective and other soft tissue, n.e.c.
1312	Avulsion, enucleation of tissue	2456	Berylliosis
1312	Avulsion, eyelid	1233	Bicep tear—minor or moderate (grade I or II)
111	Avulsion fracture	1231	Bicep tear—unless specified as minor or moderate (grade I or II)
1312	Avulsion, tooth	35	Bilharziasis
<b>B</b>			
366	Bacillary dysentery	522	Biliuria
118	Back fracture, fatal	2735	Birkett's hernia
111	Back fracture, nonfatal	143	Bite, animal, nonvenomous, resulting in bruise
1972	Back pain—traumatic	133	Bite, animal, nonvenomous, resulting in puncture
1233	Back pulled	133	Bite, animal, nonvenomous, unspecified
1972	Back spasm, traumatic	196*	Bite, animal, venomous, reaction specified (code to reaction)
2729	Back spasms, nontraumatic	1960	Bite, animal, venomous, reaction unspecified
1972	Back that "went out"	149	Bite, insect, minor nonvenomous
1232	Back, twisted	195*	Bite, insect, venomous, reaction limited to skin (code to reaction)
1972	Backache, nonspecified injury	196*	Bite, insect, venomous, reaction specified (code to reaction)
2729	Backache, except lower back—nontraumatic	1960	Bite, insect, venomous, reaction unspecified
2722	Backache, lower back—nontraumatic	143	Black eye
2722	Backpain, lower back—nontraumatic	2451	Black lung
521	Bacteremia, unspecified	269	Bladder prolapse
31*	Bacterial diseases	349	Blastomycotic infection
310	Bacterial diseases, unspecified	1230	Bleeding in knee joint
369	Balantidiasis	2254	Blindness, low vision
1732	Barosinusitis	142	Blister—blood
1731	Barotitis	3235	Blister—fever
1731	Barotrauma, otitic	142	Blister—friction
1732	Barotrauma, sinus	195*	Blister—from allergic reaction
339	Bartonellosis	15*	Blister—from burn
4122	Basal cell nonmelanoma skin cancer	142	Blood blister
2459	Bauxite fibrosis	521	Blood level abnormal—lead, gas, other substances
195*	Bee sting, reaction limited to skin (code to reaction)		
196*	Bee sting, reaction specified (code to reaction)		
1960	Bee sting, reaction unspecified		
399	Behcet's syndrome		
2249	Bell's palsy		
1733	Bends		
264	Benign mammary dysplasia		
42*	Benign neoplasms and tumors		

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3197	Blood poisoning	1229	Broken nose, limited to cartilage
2372	Blood vessel rupture—nontraumatic	111	Broken tooth
194	Blood vessel rupture, trunk—traumatic	2449	Bronchiectasis
1999	Blood vessel rupture, upper or lower extremities—traumatic	241	Bronchiolitis—acute
160	Blunt force trauma to head (fatal)	2449	Bronchiolitis—chronic
185	Blunt force trauma to head and abdomen (fatal)	241	Bronchitis—acute
185	Blunt force trauma to head and chest (fatal)	2441	Bronchitis—chronic
185	Blunt force trauma to head and trunk (fatal)	2441	Bronchitis—not specified as acute or chronic
189	Blunt force trauma to head and neck (fatal)	2431	Bronchopneumonia
185	Blunt force trauma to head, chest, and abdomen (fatal)	2454	Brown lung
189	Blunt force trauma to head, neck, and abdomen (fatal)	3122	Brucellosis
189	Blunt force trauma to head, neck, and chest (fatal)	143	Bruise
194	Blunt force trauma to the abdomen (fatal)	143	Bruise from nonvenomous animal bite
194	Blunt force trauma to the chest (fatal)	143	Bruised bone
194	Blunt force trauma to the pelvis (fatal)	148	Bruises and abrasions of equal severity
194	Blunt force trauma to the trunk or torso (fatal)	1821	Bruises and sprains of equal severity
194	Blunt force trauma to the trunk, abdomen, chest, or pelvis (fatal)	143	Bruises, contusions
180	Blunt force trauma, multiple unspecified parts (fatal)	3129	Bubonic plague
10	Blunt force trauma, no mention of part of body and not "multiple"	2379	Buerger's disease
160	Blunt head injury, unspecified (fatal)	149	Bug bite, nonvenomous
160	Blunt head trauma, unspecified (fatal)	1211	Bulging disc
2819	Boils	2899	Bumps on skin
411	Bone cancer	196*	Burning sensation in eye, due to toxic, noxious, or allergenic substance
143	Bone contusion	2259	Burning sensation in eye, nontraumatic
111	Bone fracture	1973	Burning sensation in eye, unspecified injury and cause
431	Bone or articular cartilage, neoplasm or tumor of unknown property	15*	Burns
364	Botulism	151*	Burns—chemical
2361	Brain attack	153*	Burns—electrical
419	Brain cancer	1591	Burns—friction, first degree or degree unspecified
169	Brain contusion	152*	Burns—heat (thermal)
160	Brain damage, unspecified	152*	Burns—internal from hot smoke and gasses
1999	Brain injury or damage, anoxic—when initial injury unspecified	151*	Burns—internal, chemical
160	Brain injury, unspecified	159*	Burns—other than chemical, heat, thermal, or electrical
160	Brain trauma	159*	Burns—radiation
264	Breast abscess	1591	Burns—sun, first degree or degree unspecified
419	Breast cancer	152*	Burns—thermal
3319	Brill-Zinsser disease	15*	Burns and corrosions
111	Broken bones	150	Burns and corrosions, unspecified
122*	Broken cartilage	1833	Burns and fractures of equal severity
111	Broken nose	184*	Burns and other injuries, except fractures
		1840	Burns and other injuries, except fractures, unspecified
		1849	Burns and other injuries, n.e.c.
		1841	Burns and smoke inhalation of equal severity

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2731	Bursitis	5139	Changes of skin texture
2454	Byssinosis	151*	Chemical burns and corrosions
		1510	Chemical burns and corrosions, degree unspecified
	<b>C</b>	1511	Chemical burns and corrosions, first degree
1733	Caisson disease, bends, diver's palsy	1512	Chemical burns and corrosions, second degree
2891	Callosities	1513	Chemical burns and corrosions, third degree
2891	Calluses	1519	Chemical burns, n.e.c
411	Cancer of the bone and articular cartilage	1961	Chemical poisoning
414	Cancer of the esophagus, stomach, liver, or intestines	5164	Chest pain, nontraumatic
415	Cancer of the lung, larynx, sinuses, or trachea	1972	Chest pain, traumatic
41*	Cancers	3233	Chickenpox, varicella
349	Candidiasis	392	Chiggers
35	Capillariasis	1719	Chilblains
1961	Carbon monoxide poisoning	5119	Chills
2811	Carbuncle or furuncle	111	Chipped tooth
41*	Carcinomas	313	Chlamydia, venereal
2359	Cardiac arrest with no traumatic incident or exposure	191	Choking on food or other substances
2359	Cardiac dysrhythmia	361	Cholera
2331	Cardiac infarction	2252	Chorioretinal inflammation
5159	Cardiac murmur	349	Chromoblastomycosis
2359	Cardiomyopathy	2441	Chronic bronchitis
515*	Cardiovascular symptoms	2422	Chronic conditions of upper respiratory tract
313	Cardiovascular syphilis	2422	Chronic diseases of tonsils and adenoids
2241	Carpal tunnel syndrome—resulting from cumulative trauma or unspecified	244*	Chronic obstructive pulmonary disease and allied conditions
1131	Carpal tunnel syndrome—traumatic	2449	Chronic obstructive pulmonary disease and allied conditions, n.e.c.
2731	Carpet layer's knee	2440	Chronic obstructive pulmonary disease and allied conditions, unspecified
339	Carrion's disease	231	Chronic rheumatic heart disease
1221	Cartilage fracture or tear—meniscus in knee	2894	Chronic skin ulcers
1229	Cartilage fracture or tear—shoulder	522	Chyluria
122*	Cartilage fractures and tears	23*	Circulatory system diseases
1229	Cartilage fractures and tears, n.e.c.	239	Circulatory system diseases, n.e.c.
1220	Cartilage fractures and tears, unspecified	230	Circulatory system diseases, unspecified
3299	Cat scratch disease	259	Cirrhosis of the liver
2253	Cataracts	111	Closed fracture
2811	Cellulitis	160	Closed head injury, unspecified
222	Cerebellar ataxia	21	Coagulation defects
161	Cerebral and other intracranial hemorrhages	2451	Coal workers' pneumoconiosis
2369	Cerebral artery occlusion	342	Coccidioides immitis fungal infection
2360	Cerebral hemorrhage, nontraumatic	342	Coccidioidomycosis
161	Cerebral hemorrhage, traumatic	369	Coccidiosis
2361	Cerebrovascular accident (CVA)	524	Coin lesion of lung
236*	Cerebrovascular disease	3235	Cold sore
2369	Cerebrovascular disease, n.e.c.	241	Cold, common
2360	Cerebrovascular disease, unspecified	365	Colitis—infectious or unspecified origin
339	Chagas' disease	254	Colitis—noninfectious
2252	Chalazion	2494	Collapsed lung—nontraumatic

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118	Decapitation—internal	5179	Difficulty swallowing
1311	Decapitation—external or unspecified	25*	Digestive system diseases and disorders
1733	Decompression sickness or illness	259	Digestive system diseases and disorders, n.e.c.
3129	Deerfly fever	250	Digestive system diseases and disorders, unspecified
222	Degenerative diseases of the central nervous system	4134	DiGuglielmo's disease
1312	Degloving	3192	Diphtheria, whooping cough
1729	Dehydration from environmental conditions	2723	Disc disorders, except dislocation
2919	Dehydration in the absence of an environmental cause	2912	Diseases and disorder of other endocrine glands
3242	Dengue	2*	Diseases and disorders of body system
111	Depressed fracture	263*	Diseases and disorders of the genital tract
622	Depression or depressive episode	2639	Diseases and disorders of the genital tract, n.e.c.
2732	DeQuervain's syndrome, disease, or tenosynovitis	2630	Diseases and disorders of the genital tract, unspecified
1951	Dermatitis—allergic	2911	Diseases and disorders of the thyroid gland
1952	Dermatitis—irritant	237*	Diseases of arteries, arterioles, capillaries
2899	Dermatitis—perioral	2379	Diseases of arteries, arterioles, capillaries, n.e.c.
195*	Dermatitis and reactions affecting the skin— acute	2370	Diseases of arteries, arterioles, capillaries, unspecified
1959	Dermatitis and reactions affecting the skin— acute, n.e.c	252	Diseases of esophagus, stomach and duodenum
1950	Dermatitis and reactions affecting the skin— acute, unspecified	251	Diseases of oral cavity, salivary glands and jaws
1951	Dermatitis due to contact with adhesives— allergic	234*	Diseases of pulmonary circulation
1952	Dermatitis due to contact with alcohols, caustics, alkalis, acids, detergents, solvents, oils—irritant	2349	Diseases of pulmonary circulation, n.e.c.
1951	Dermatitis due to contact with animals— allergic	2340	Diseases of pulmonary circulation, unspecified
1951	Dermatitis due to contact with food— allergic	283*	Diseases of sebaceous glands
1951	Dermatitis due to contact with latex— allergic	2839	Diseases of sebaceous glands, n.e.c.
1951	Dermatitis due to contact with metal— allergic	2830	Diseases of sebaceous glands, unspecified
1951	Dermatitis due to contact with rubber— allergic	238*	Diseases of the veins, lymphatics
282	Dermatitis resulting from long term exposure	2389	Diseases of the veins, lymphatics, n.e.c.
341	Dermatophytosis, including athlete's foot and tinea	2380	Diseases of the veins, lymphatics, unspecified
2899	Dermatoses	1212	Dislocated knee
2899	Dermatosis, bullous	1212	Dislocated shoulder
2899	Dermatosis, erythematousquamous	1212	Dislocation of joint
2912	Diabetes	121*	Dislocations
253	Diaphragmatic hernia from repeated exertions	1219	Dislocations, n.e.c.
124	Diaphragmatic hernia from single or short term exertion	1210	Dislocations, unspecified
		264	Disorders of the breast
		2259	Disorders of the choroid
		2269	Disorders of the ear, mastoid process, and hearing, n.e.c.
		226*	Disorders of the ear, mastoid process, hearing
		2260	Disorders of the ear, mastoid process,

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	hearing, unspecified	282	Eczema, unless specified to be acute
225*	Disorders of the eye, adnexa, vision	1724	Edema—heat
2259	Disorders of the eye, adnexa, vision, n.e.c.	5131	Edema—including dropsy
2250	Disorders of the eye, adnexa, vision, unspecified	2492	Edema—pulmonary
2259	Disorders of the eyelids, lacrimal system and other parts of the eye	173*	Effects of air or water pressure
2899	Disorders of the hair and hair follicles	1739	Effects of air or water pressure, n.e.c.
2919	Disorders of the immune system, n.e.c.	1730	Effects of air or water pressure, unspecified
2259	Disorders of the iris and ciliary body	17*	Effects of environmental conditions
2912	Disorders of the pancreas	179	Effects of environmental conditions, n.e.c.
2912	Disorders of the parathyroid, pituitary, thymus, and adrenal glands	170	Effects of environmental conditions, unspecified
224*	Disorders of the peripheral nervous system	172*	Effects of heat and light
2249	Disorders of the peripheral nervous system, n.e.c.	1729	Effects of heat and light, n.e.c.
2240	Disorders of the peripheral nervous system, unspecified	1720	Effects of heat and light, unspecified
28*	Disorders of the skin and subcutaneous tissue	171*	Effects of reduced temperature
280	Disorders of the skin and subcutaneous tissue, unspecified	1719	Effects of reduced temperature, n.e.c.
121*	Displacement, partial	1710	Effects of reduced temperature, unspecified
5139	Disturbances of skin sensation	193	Electric shock
1733	Diver's palsy	153*	Electrical burns
255	Diverticula, intestinal	1531	Electrical burns, first degree
1139	Division of nerve	1539	Electrical burns, n.e.c.
1965	Dizziness due to poisoning, toxic, noxious, or allergenic effects	1532	Electrical burns, second degree
5114	Dizziness —nontraumatic	1533	Electrical burns, third degree
133	Dog bite, unspecified injury	1530	Electrical burns, unspecified
1972	Dorsalgia—traumatic	525	Electrocardiogram (ECG, EKG), abnormal results
272*	Dorsopathies	525	Electrocardiogram (EEG), abnormal results
2729	Dorsopathies, n.e.c.	193	Electrocution, electric shock
2720	Dorsopathies, unspecified	525	Electroretinogram (ERG), abnormal results
35	Dracontiasis	529	Elevated blood pressure without diagnosis of hypertension
5131	Dropsy	111	Elevated fracture
192	Drowning	133	Embedded foreign body—except gunshot
192	Drowning with hypothermia	2379	Embolism in artery—nontraumatic
1961	Drug overdose, reaction unspecified	2389	Embolism of veins—nontraumatic
252	Duodenal ulcer	1992	Embolism, air or fat—traumatic complication, initial injury unknown
252	Duodenitis	1733	Embolism, air or gas—due to diving
366	Dysentery, all types	2342	Embolism, pulmonary—nontraumatic
5179	Dysphagia	2442	Emphysema
5179	Dysuria	2499	Empyema
		221	Encephalitis—bacterial
		221	Encephalitis—due to long-term chemical exposure
		221	Encephalitis—fungal or other organisms
		3243	Encephalitis—viral, arthropod-borne
		3229	Encephalitis—viral, except arthropod-borne
		2359	Endocarditis—acute and subacute
		291*	Endocrine, nutritional, metabolic and immunity disorders
		2919	Endocrine, nutritional, metabolic and

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	immunity disorders, n.e.c.	2444	Farmer's lung
2910	Endocrine, nutritional, metabolic and immunity disorders, unspecified	1992	Fat embolism, traumatic
5153	Enlargement of lymph nodes	118	Fatal atlanto-occipital subluxation
369	Enteritis, infectious	118	Fatal back fracture
254	Enteritis, noninfectious	194	Fatal crushing injury to trunk—abdomen, chest or pelvis
35	Enterobiasis	118	Fatal neck fracture
1312	Enucleation	194	Fatal rib fracture
1312	Enucleation of the eye	1681	Fatal skull fracture
17*	Environmental conditions, effects of	1723	Fatigue, heat
170	Environmental conditions, effects of, unspecified	4212	Fatty tumor, benign
2734	Epicondylitis	124	Femoral hernia (from single or short term exertion)
2734	Epicondylitis—medial or lateral	253	Femoral hernia from repeated exertions
2231	Epilepsy	3235	Fever blister
5149	Epistaxis	42*	Fibromas
3199	Erysipelas	42*	Fibromatoses
1719	Erythema pernio	35	Filarial infection
4134	Erythremic myelosis	1312	Fingernail avulsion
364	Escherichia coli (E. coli)	196*	Fire ant bite, reaction specified (code to reaction)
253	Esophageal hernia from repeated exertions	1960	Fire ant bite, reaction unspecified
124	Esophageal hernia from single or short term exertion	1591	First degree burn (excluding heat, thermal, chemical, electrical)
232	Essential hypertension	1511	First degree chemical burn and corrosion
21	Evan's syndrome	1531	First degree electrical burn
5119	Excessive sweating	1591	First degree friction burn
2449	Exercise-induced asthma	1521	First degree heat (thermal) burn
7	Exposure to chickenpox without incurring disease	1591	First degree sunburn
7	Exposure to disease—no illness incurred	111	Fissured fracture
7	Exposure to HIV/AIDS without incurring disease	194	Fistula, traumatic (trunk)
7	Exposure to tuberculosis with negative TB test results	1591	Flash burn—eye (welder's flash), first degree or degree unspecified
1311	External or unspecified decapitation	3319	Flea-borne typhus
2444	Extrinsic allergic alveolitis and hypersensitivity pneumonitis	393	Flea infestation
1312	Eye enucleation	2432	Flu—common influenza
2259	Eye injury from exposure to lasers	2433	Flu—H1N1 influenza
2259	Eye irritation, unspecified—nontraumatic	2433	Flu—novel influenza
2250	Eye redness—nontraumatic	35	Fluke
5123	Eye strain	5133	Flushing and pallor
1312	Eyelid avulsion	2899	Folliculitis
	<b>F</b>	364	Food poisoning—botulism
5111	Fainting—non-heat related or unspecified, except heat or chemical related	364	Food poisoning—E. coli
5111	Fainting—nontraumatic	364	Food poisoning—other bacterial types (excludes Salmonella)
1722	Fainting, heat related	363	Food poisoning—Salmonella, except typhi or paratyphi
1961	Fainting, due to chemical exposure	364	Food poisoning—staphylococcal bacteria
		35	Food poisoning—trichinosis
		360	Food poisoning—unspecified
		3294	Foot and mouth disease

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141	Foreign body—abrasion	369	Gastroenteritis, infectious
133	Foreign body—embedded	252	Gastrojejunal ulcer
134	Foreign body—gunshot wound	511*	General symptoms
1973	Foreign body—inflammation from	5119	General symptoms, n.e.c.
1973	Foreign body—irritation from	5110	General symptoms, unspecified
1973	Foreign body—no injury mentioned	3235	Genital herpes
133	Foreign body—splinters	26*	Genitourinary system diseases and disorders
1973	Foreign body—swelling from	269	Genitourinary system diseases and disorders, n.e.c.
1973	Foreign body in eye—no specified injury	260	Genitourinary system diseases and disorders, unspecified
3141	Fort Bragg fever	3237	German measles
111	Fracture from animal bite	369	Giardiasis
2749	Fracture, pathological	3129	Glanders
2749	Fracture, spontaneous	2255	Glaucoma
111	Fracture, unspecified	2911	Goiter, toxic and nontoxic
111	Fractured bone	2734	Golfer's elbow
122*	Fractured cartilage	313	Gonorrhea
1229	Fractured cartilage of the nose (without bone fracture)	2379	Goodpasture's syndrome
1681	Fractured skull—fatal	2919	Gout
1681	Fractured skull with intracranial injury—fatal or nonfatal	2919	Gouty arthropathy
111	Fractured skull with no mention of intracranial injury—nonfatal	1232	Grade I or II sprain
111	Fractured tooth	1233	Grade I or II strain
1832	Fractures (except rib, trunk fractures) and internal injuries of equal severity	1231	Grade III sprain or strain
1831	Fractures (except skull fractures) and concussions of equal severity	111	Greenstick fracture
1833	Fractures and burns of equal severity	43*	Growth, new growth, unspecified
1834	Fractures and dislocations of equal severity	134	Gunshot wound (see descriptions for exceptions)
183*	Fractures and other injuries of equal severity	1311	Gunshot wounds resulting in nonfatal amputation
1839	Fractures and other injuries of equal severity, n.e.c.	112*	Gunshot wounds resulting in nonfatal severed spine or paralysis
1830	Fractures and other injuries of equal severity, unspecified		
1839	Fractures and sprains of equal severity		
5173	Frequency of urination		
142	Friction blister		
1591	Friction burn, first degree or degree unspecified		
1711	Frostbite		
2811	Furuncle		
	<b>G</b>		
2736	Ganglion cyst	2433	H1N1 influenza
2736	Ganglion or cystic tumor	5119	Hallucinations
5152	Gangrene	2730	Hand-arm vibration syndrome
1733	Gas embolism due to diving	160	Head injury, blunt, unspecified
252	Gastric ulcer	160	Head trauma, unspecified
252	Gastritis	1965	Headache due to poisoning, toxic, noxious, or allergenic effects
		5141	Headache, except migraine, nontraumatic
		2261	Hearing loss and impairment, traumatic or nontraumatic
		2261	Hearing loss from sudden or repeated noise
		2331	Heart attack
		233*	Heart disease—ischemic
		2353	Heart disease, ill-defined descriptions and complications
		2352	Heart failure

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5159	Heart murmur	124	Hernia, abdominal, from single or short term exertion
5159	Heart sounds—abnormal		
5151	Heartbeat rapid, unspecified	2735	Hernia, Birkett's
5172	Heartburn	253	Hernia, diaphragmatic, from repeated exertions
1521	Heat (thermal) burns, first degree	124	Hernia, diaphragmatic, from single or short term exertion
1529	Heat (thermal) burns, n.e.c	253	Hernia, esophageal, from repeated exertions
152*	Heat (thermal) burns, scalds	124	Hernia, esophageal, from single or short term exertion
1522	Heat (thermal) burns, second degree	253	Hernia, femoral, from repeated exertions
1523	Heat (thermal) burns, third degree	124	Hernia, femoral, from single or short term exertion
1520	Heat (thermal) burns, unspecified	253	Hernia, hiatal, from repeated exertions
172*	Heat and light effects	124	Hernia, hiatal, from single or short term exertion
1721	Heat apoplexy	253	Hernia, inguinal, from repeated exertions
1724	Heat edema	124	Hernia, inguinal, from single or short term exertion
1725	Heat exhaustion, prostration	253	Hernia, nontraumatic
1723	Heat fatigue	253	Hernia, paraesophageal, from repeated exertions
1725	Heat prostration	124	Hernia, paraesophageal, from single or short term exertion
1721	Heat pyrexia	253	Hernia, ruptured, from repeated exertions
2893	Heat rash	124	Hernia, ruptured, from single or short term exertion
1721	Heat stroke	253	Hernia, scrotal, from repeated exertions
1722	Heat syncope	124	Hernia, scrotal, from single or short term exertion
2739	Heel spurs	253	Hernia, strangulated, from repeated exertions
4134	Heilmeyer-Schoner disease	124	Hernia, strangulated, from single or short term exertion
35	Helminthiasis (worm infections)	2735	Hernia, synovial
4291	Hemangioma and lymphangioma, any site	253	Hernia, umbilical, from repeated exertions
1230	Hemarthrosis in knee joint	124	Hernia, umbilical, from single or short term exertion
1230	Hemarthrosis of joint capsule, ligament, muscle or tendon	124	Hernia, unspecified
143	Hematoma	253	Hernia, ventral, from repeated exertions
194	Hematoma, arterial	124	Hernia, ventral, from single or short term exertion
522	Hemoglobinuria	124	Hernias due to traumatic incidents, from single or short term exertion, or unspecified
5162	Hemoptysis (cough with hemorrhage)	2239	Herniated brain, nontraumatic
2360	Hemorrhage, cerebral, nontraumatic	1211	Herniated disc
161	Hemorrhage, cerebral, traumatic	3235	Herpes simplex
21	Hemorrhagic conditions—other	3234	Herpes zoster, shingles
3244	Hemorrhagic fever	3235	Herpes, genital
2361	Hemorrhagic stroke	3235	Herpes, oral
2382	Hemorrhoids		
3251	Hepatitis, infectious (type A)		
3252	Hepatitis, serum (type B)		
256	Hepatitis, toxic, noninfective, due to toxic agents		
3251	Hepatitis, viral, type A		
3252	Hepatitis, viral, type B		
3253	Hepatitis, viral, type C		
3254	Hepatitis, viral, type E		
3250	Hepatitis, viral, type unspecified		
519	Hepatomegaly		
253	Hernia from repeated exertions		
124	Hernia from single or short term exertion		
124	Hernia from unspecified exertion		
253	Hernia, abdominal, from repeated exertions		

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124	Hiatal hernia (from single or short term exertion)	399	Infection by protozoa
253	Hiatal hernia from repeated exertions	2749	Infections involving bone
393	Hirudiniasis	281*	Infections of the skin and subcutaneous tissue, excluding infected wounds
43*	Histiocytic cells	2819	Infections of the skin and subcutaneous tissue, excluding infected wounds, n.e.c.
349	Histoplasmosis	2810	Infections of the skin and subcutaneous tissue, excluding infected wounds, unspecified
3219	HIV infection without the diagnosis of AIDS or ARC	3*	Infectious and parasitic diseases
1953	Hives, urticaria—acute	399	Infectious and parasitic diseases, other, n.e.c.
4132	Hodgkin's disease	30	Infectious and parasitic diseases, unspecified
195*	Hornet sting, reaction limited to skin	36*	Infectious diseases peculiar to the intestines
196*	Hornet sting, reaction specified (code to reaction)	369	Infectious diseases peculiar to the intestines, n.e.c.
1960	Hornet sting, reaction unspecified	360	Infectious diseases peculiar to the intestines, unspecified
2731	Housemaid's knee	369	Infectious enteritis
321*	Human immunodeficiency virus (HIV) infection	369	Infectious gastroenteritis
3219	Human immunodeficiency virus (HIV) infection, n.e.c.	3251	Infectious hepatitis (type A)
3210	Human immunodeficiency virus (HIV) infection, unspecified	3293	Infectious mononucleosis
2491	Humidifier fever	2631	Infertility
1972	Hurt back	195*	Inflammation associated with dermatitis
1972	Hurt, nonspecified injury, any part	1966	Inflammation due to allergic reaction
262	Hydronephrosis	2252	Inflammation of eye except conjunctivitis—nontraumatic
1232	Hyperextension of ligament	1973	Inflammation, nonspecified injury
5119	Hyperhidrosis	5115	Inflammation, swelling, general—nontraumatic
232	Hypertension, essential	2242	Inflammatory and toxic neuropathy
232	Hypertensive disease	221	Inflammatory diseases of the central nervous system
232	Hypertensive heart disease	2432	Influenza, common
232	Hypertensive renal disease	2433	Influenza, H1N1
1721	Hyperthermia—fatal	2433	Influenza, novel strain
1720	Hyperthermia—nonfatal	2892	Ingrown nails and other nail diseases
5161	Hyperventilation	253	Inguinal hernia, from repeated exertions
143	Hyphema	124	Inguinal hernia, from single or short term exertion
2389	Hypotension	191	Inhaling or choking on food or other substances
192	Hypothermia with drowning	149	Insect bite—nonvenomous
1712	Hypothermia without drowning	195*	Insect bite—venomous, reaction limited to skin
	<b>I</b>	196*	Insect bite—venomous, reaction other than to skin
1721	Ictus solaris, ictus solis	1960	Insect bite—venomous, unspecified reaction
254	Ileitis	15*	Internal burn
2353	Ill-defined descriptions and complications of heart disease	118	Internal decapitation
2919	Immune disorders, n.e.c.	1212	Internal derangement—traumatic
111	Impacted fracture		
133	Impaled, impaling wounds		
2812	Impetigo		
2331	Infarction of heart, myocardium or ventricle		
13*	Infected cut (code to original injury)		

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194	Internal injuries to organs and blood vessels of the trunk	393	Jigger disease
2723	Intervertebral disc disorders, except dislocation	6210	Job-related stress, unspecified
1211	Intervertebral disc herniation	111	Joint fracture
1211	Intervertebral disc rupture	<b>K</b>	
255	Intestinal diverticula and abscess	4133	Kahler's disease
35	Intestinal parasites	2832	Keratin
161	Intracranial hemorrhage	2252	Keratitis
16*	Intracranial injuries	1591	Keratoconjunctivitis, ultraviolet
185	Intracranial injuries and injuries to internal organs of equal severity	2899	Keratoderma, acquired
169	Intracranial injuries, n.e.c.	262	Kidney stone
160	Intracranial injuries, unspecified	1972	Knee joint "popped"
1681	Intracranial injury with skull fracture	2341	Kyphoscoliotic heart disease
2252	Iritis	<b>L</b>	
1952	Irritant dermatitis	132	Laceration—open wound
196*	Irritated eye due to short-term exposure to toxic, noxious, or allergenic substance	194	Laceration of internal organs without open wound
1973	Irritated eye from foreign body—condition unspecified	132	Laceration of tendon in open wound
2259	Irritated eye, nontraumatic	5129	Lack of coordination
1963	Irritated lung due to short-term exposure to toxic, noxious, or allergenic substance	241	Laryngitis—acute
5160	Irritated lungs, n.e.c.	2422	Laryngitis—chronic
1964	Irritated throat due to short-term exposure to toxic, noxious, or allergenic substance	1961	Lead poisoning
5149	Irritated throat, unless due to short term exposure to toxic, noxious, or allergenic substance	393	Leeches, leech infestation
196*	Irritation associated with short-term exposure to toxic, noxious, or allergenic substance, except those limited to skin	2433	Legionnaire's disease
195*	Irritation of skin associated with short-term exposure to toxic, noxious, or allergenic substance	339	Leishmaniasis
1973	Irritation, nonspecified injury	3191	Leprosy
233*	Ischemic heart disease, including heart attack	3141	Leptospirosis
2330	Ischemic heart disease, including heart attack, unspecified	4134	Leukemia
2339	Ischemic heart disease, n.e.c.	391	Lice infestation
2361	Ischemic stroke	12*	Ligament injuries, traumatic
<b>J</b>		1232	Ligament rupture
1972	Jammed finger or thumb	172*	Light and heat effects
5139	Jaundice, unspecified	1965	Lightheadedness due to poisoning, toxic, noxious, or allergenic effects
196*	Jelly fish sting, reaction specified (code to reaction)	153*	Lightning burns
1960	Jelly fish sting, reaction unspecified	193	Lightning shock
		111	Linear fracture
		4212	Lipoma (fatty tumor) —benign
		259	Liver failure, cirrhosis
		119	Loose tooth, did not fall out
		1722	Loss of consciousness, heat related
		5111	Loss of consciousness, not heat related or unspecified, except heat or chemical related
		229	Loss of sense of smell
		2254	Loss of vision, traumatic or nontraumatic
		5142	Loss of voice, voice disturbances
		3319	Louse-borne typhus
		1972	Low back pain

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2722	Low back pain, except traumatic	415	Malignant neoplasms of respiratory and intrathoracic (larynx, lung, sinuses, trachea)
529	Low blood pressure reading	412*	Malignant neoplasms of sweat glands
2254	Low vision, blindness	411	Malignant neoplasms of the periosteum (bone covering)
2722	Lumbago	412*	Malignant neoplasms of the sudoriferous and sudoriparous glands
415	Lung cancer	524	Mammogram, abnormal results
524	Lung coin lesion	111	March fracture
1963	Lung irritation due to poisoning, toxic, noxious or allergenic effects	43*	Mast cells
524	Lung shadow	264	Mastitis of the breast
333	Lyme disease	2269	Mastoiditis
2819	Lymphadenitis—acute	1231	MCL tear, unless specified as minor or moderate (grade I or II)
4291	Lymphangioma, any site	3236	Measles, except German (Rubella)
238*	Lymphatic diseases	3237	Measles, German (Rubella)
4134	Lymphoid leukemia	191	Mechanical asphyxia
4131	Lymphoma	1231	Medial collateral ligament (MCL) tear, unless specified as minor or moderate (grade I or II)
4131	Lymphosarcoma and reticulosarcoma (lymphoma)	1311	Medical amputation due to traumatic injury
<b>M</b>			
393	Maggot infestation	4121	Melanocarcinoma
1231	Major tears to muscles, tendons, or ligaments	4121	Melanoma of the skin (melanocarcinoma)
5113	Malaise and fatigue	5129	Meningismus
332	Malaria	3221	Meningitis due to enterovirus
41*	Malignant neoplasms and tumors (cancers, carcinomas, sarcomas)	3141	Meningitis due to leptospira
410	Malignant neoplasms and tumors (cancers, carcinomas, sarcomas), unspecified	221	Meningitis due to long-term exposure to toxic chemicals
411	Malignant neoplasms and tumors of bone and articular cartilage	3221	Meningitis, abacterial
413*	Malignant neoplasms and tumors of lymphatic and hematopoietic tissue	3221	Meningitis, aseptic
4139	Malignant neoplasms and tumors of lymphatic and hematopoietic tissue, n.e.c.	221	Meningitis, bacterial
4130	Malignant neoplasms and tumors of lymphatic and hematopoietic tissue, unspecified	221	Meningitis, fungal
419	Malignant neoplasms and tumors of other sites	3221	Meningitis, viral—except arthropod-borne
412*	Malignant neoplasms and tumors of sebaceous glands	3195	Meningococcal infection
412*	Malignant neoplasms and tumors of the skin	1221	Meniscus tear in knee, unless specified as minor or moderate (grade I or II)
4120	Malignant neoplasms and tumors of the skin, unspecified	1229	Meniscus tear in shoulder
414	Malignant neoplasms of digestive organs (esophagus, stomach, liver, intestines)	629	Mental disorder, substance-induced
416*	Malignant neoplasms of mesothelial and soft tissue	62*	Mental disorders and syndromes
4169	Malignant neoplasms of mesothelial and soft tissue, n.e.c.	629	Mental disorders and syndromes, n.e.c.
		620	Mental disorders and syndromes, unspecified
		4161	Mesothelioma
		2459	Metal fume fever
		3194	Methicillin-resistant infection, other than skin
		2813	Methicillin-resistant staphylococcus aureus (MRSA) infection (skin)
		2232	Migraine
		2893	Miliaria rubra

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3299	Miliary fever	518	Multiple symptoms involving multiple sites
2454	Mill fever	5128	Multiple symptoms involving nervous and musculoskeletal systems
2919	Mineral deficiency	5168	Multiple symptoms involving respiratory system and chest
2451	Miner's asthma	5138	Multiple symptoms involving the skin and other integumentary tissue
2362	Mini-stroke	58	Multiple symptoms, signs and ill-defined conditions
149	Minor nonvenomous insect bite	18*	Multiple traumatic injuries and disorders
1232	Minor tear to ligament	189	Multiple traumatic injuries and disorders, n.e.c.
1233	Minor tears to muscles and tendons	180	Multiple traumatic injuries and disorders, unspecified
2632	Miscarriage, spontaneous abortion	118	Multiple traumatic injuries to bones, nerves, spinal cord
392	Mites (acarasis)	128	Multiple traumatic injuries to muscles, tendons, ligaments, joints, etc.
2454	Monday fever	1958	Multiple types of dermatitis and skin reactions—acute
4134	Monocytic leukemia	1218	Multiple types of dislocations
2249	Mononeuritis of the extremities	1689	Multiple types of intracranial injuries, n.e.c.
3293	Mononucleosis, infectious	168*	Multiple types of intracranial injury
149	Mosquito bite, unless allergic reaction	1680	Multiple types of intracranial injury, unspecified
1966	Mosquito bite, unspecified allergic reaction	138	Multiple types of open wounds
2813	MRSA (methicillin-resistant staphylococcus aureus) infection	1238	Multiple types of sprains, strains, tears
528	Multiple abnormal findings	148	Multiple types of surface wounds and bruises
4298	Multiple benign neoplasms and tumors of other sites	3292	Mumps
4218	Multiple benign neoplasms of bone, connective tissue, and skin	1972	Muscle spasm, traumatic
8	Multiple diseases, conditions and disorders	2249	Muscular dystrophies
1738	Multiple effects of air or water pressure	27*	Musculoskeletal system and connective tissue diseases and disorders
178	Multiple effects of environmental conditions	279	Musculoskeletal system and connective tissue diseases and disorders, n.e.c.
1728	Multiple effects of heat and light	270	Musculoskeletal system and connective tissue diseases and disorders, unspecified
1718	Multiple effects of reduced temperature	34*	Mycoses (fungal infection)
5118	Multiple general symptoms—nontraumatic	349	Mycoses, n.e.c.
194	Multiple internal injuries (unless head mentioned)	340	Mycoses, unspecified
185	Multiple internal injuries involving both head and trunk	349	Mycotic mycetoma
194	Multiple internal injuries of the trunk	4134	Myeloid leukemia
4138	Multiple malignant neoplasms and tumors of lymphatic and hematopoietic tissue	4133	Myelomatosis
4128	Multiple malignant neoplasms and tumors of skin	222	Myelopathy of the spinal cord
4133	Multiple myeloma	393	Myiasis
438	Multiple neoplasms and tumors of unknown properties	2331	Myocardial infarction (heart attack)
1978	Multiple nonspecified injuries and disorders	2359	Myocarditis, nontoxic
1968	Multiple poisoning, toxic, or allergenic effects	2351	Myocarditis, toxic or acute
2239	Multiple sclerosis	522	Myoglobinuria
2738	Multiple soft tissue disorders	2739	Myositis
5158	Multiple symptoms involving cardiovascular system		
5178	Multiple symptoms involving digestive and urinary systems		
5148	Multiple symptoms involving head and neck		

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N			
2892	Nail, ingrown	6210	Neurotic reaction to stress
2429	Nasal polyps	21	Neutropenia
241	Nasopharyngitis—acute	4132	Nodular sclerosis
2422	Nasopharyngitis—chronic	322*	Nonarthropod-borne viral diseases of the central nervous system
5171	Nausea and vomiting, unspecified cause	3229	Nonarthropod-borne viral diseases of the central nervous system, n.e.c.
1967	Nausea due to poisoning, toxic, noxious, or allergenic effects	3220	Nonarthropod-borne viral diseases of the central nervous system, unspecified
35	Necatoriasis	9999	Nonclassifiable
118	Neck fracture, fatal	131*	Nonfatal amputations
111	Neck fracture, nonfatal	194	Nonfatal crushing injury to trunk—abdomen chest or pelvis
133	Needlestick not resulting in disease—puncture wound	2389	Noninfectious disorders of lymphatic channels
7	Needlestick resulting in exposure to diseases—no illness incurred	254	Noninfectious enteritis and colitis (including ileitis)
325*	Needlestick resulting in hepatitis	256	Noninfective toxic hepatitis
439	Neoplasms and tumors of other sites of unknown properties, n.e.c.	4122	Nonmelanoma skin cancer (squamous and basal cell)
43*	Neoplasms and tumors of unknown properties	197*	Nonspecified injuries and disorders
430	Neoplasms and tumors of unknown properties, unspecified	1979	Nonspecified injuries and disorders, n.e.c.
42*	Neoplasms, benign	2911	Nontoxic goiter
41*	Neoplasms, malignant	2359	Nontoxic myocarditis
4*	Neoplasms, tumors, cancers	2339	Nontraumatic aneurysm of heart wall or coronary vessel
2611	Nephritis	2360	Nontraumatic cerebral hemorrhage
261*	Nephritis, nephrotic syndrome, and nephrosis	143	Nonvenomous animal bite resulting in contusion or bruise
2610	Nephritis, nephrotic syndrome, and nephrosis, unspecified	133	Nonvenomous animal bite resulting in puncture wound
2613	Nephrosis	111	Nonvenomous animal bite with fractured bone
2612	Nephrotic syndrome	2251	Nonviral conjunctivitis
1131	Nerve compression, traumatic	369	Norovirus
1131	Nerve entrapment, traumatic	369	Norwalk-like virus
113*	Nerve injury, except spinal cord—traumatic	5149	Nosebleed
1130	Nerve injury, except spinal cord—traumatic, unspecified	5116	Numbness, general, unexplained—nontraumatic
112*	Nerve injury, spinal cord—traumatic	1974	Numbness, nonspecified injury
1120	Nerve injury, spinal cord—traumatic, unspecified	2919	Nutrient transport disorder
229	Nervous system and sense organ diseases, n.e.c.		
22*	Nervous system and sense organs diseases		<b>O</b>
220	Nervous system and sense organs diseases unspecified	2369	Occlusion of cerebral arteries
224*	Nervous system disorders—peripheral	2443	Occupational asthma, unspecified
2899	Neurodermatitis	1950	Occupational dermatitis, nonspecified type
43*	Neurofibromatosis	5179	Oliguria and anuria
313	Neurosyphilis	111	Open fracture
620*	Neurotic disorders, stress, anxiety	13*	Open wounds
		139	Open wounds, n.e.c.

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130	Open wounds, unspecified		n.e.c.
2252	Ophthalmia—nonviral	6*	Other diseases, conditions, and disorders
3261	Ophthalmia—viral conjunctivitis	60	Other diseases, conditions, and disorders, unspecified
629	Organic affective syndrome		
629	Organic mental disorders—neurotic or psychotic	223*	Other disorders of the central nervous system
3123	Ornithosis	2239	Other disorders of the central nervous system, n.e.c.
339	Oroya fever	2230	Other disorders of the central nervous system, unspecified
612*	Orthopedic devices, damage to	2893	Other disorders of the sweat glands
5169	Orthopnea	235*	Other forms of heart disease
2749	Osteomyelitis	2359	Other forms of heart disease, n.e.c.
274*	Osteopathies, chondropathies, and acquired deformities	2350	Other forms of heart disease, unspecified
2749	Osteopathies, chondropathies, and acquired deformities, n.e.c.	39*	Other infectious and parasitic diseases
2740	Osteopathies, chondropathies, and acquired deformities, unspecified	399	Other infectious and parasitic diseases, n.e.c.
2269	Otalgia	390	Other infectious and parasitic diseases, unspecified
529	Other abnormal findings	393	Other infestations (including maggots, leeches, jigger disease)
33*	Other arthropod-borne diseases	1966	Other or unspecified allergic reactions
339	Other arthropod-borne diseases, n.e.c.	2815	Other or unspecified streptococcus skin infection
330	Other arthropod-borne diseases, unspecified	2735	Other or unspecified tendonitis (tendinitis)
319*	Other bacterial diseases	1969	Other poisoning, toxic or allergenic effects, n.e.c.
3199	Other bacterial diseases, n.e.c.	196*	Other poisoning, toxic, noxious, or allergenic effects
3190	Other bacterial diseases, unspecified	1960	Other poisoning, toxic, noxious, or allergenic effects, unspecified
364	Other bacterial food poisoning (including botulism and staphylococcal food poisoning)	249*	Other respiratory system diseases
159*	Other burns	2499	Other respiratory system diseases, n.e.c.
1590	Other burns, degree unspecified	2490	Other respiratory system diseases, unspecified
1591	Other burns, first degree	1963	Other respiratory system symptoms due to poisoning, toxic, noxious, or allergenic effects
1599	Other burns, n.e.c.	314*	Other spirochetal diseases
1592	Other burns, second degree	3149	Other spirochetal diseases, n.e.c.
1593	Other burns, third degree	3140	Other spirochetal diseases, unspecified
289*	Other diseases and disorders of the skin and subcutaneous tissue	2814	Other staphylococcus skin infection
2899	Other diseases and disorders of the skin and subcutaneous tissue, n.e.c.	519	Other symptoms, n.e.c.
2890	Other diseases and disorders of the skin and subcutaneous tissue, unspecified	29*	Other systemic diseases and disorders
329*	Other diseases due to viruses	299	Other systemic diseases and disorders, n.e.c.
3299	Other diseases due to viruses, n.e.c.	290	Other systemic diseases and disorders, unspecified
3290	Other diseases due to viruses, unspecified	2733	Other tenosynovitis, synovitis
255	Other diseases of intestines and peritoneum	19*	Other traumatic injuries and disorders
242*	Other diseases of upper respiratory tract	199*	Other traumatic injuries and disorders
2420	Other diseases of upper respiratory tract unspecified	190	Other traumatic injuries and disorders, unspecified
2429	Other diseases of upper respiratory tract, n.e.c.		
262	Other diseases of urinary system		
69	Other diseases, conditions and disorders,		

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1731 Otitic barotrauma  
 2269 Otitis externa  
 2269 Otitis media  
 2269 Otosclerosis  
 191 Oxygen deficiency resulting in asphyxia  
 2912 Ovarian dysfunction

### P

1972 Pain, hurt, soreness—traumatic  
 1972 Pain, nonspecified injury, any part  
 5133 Pallor and flushing  
 5159 Palpitations  
 2249 Palsy, Bell's  
 1733 Palsy, diver's  
 259 Pancreatitis  
 21 Pancytopenia  
 6213 Panic disorder  
 349 Paracoccidioidomycosis  
 124 Paraesophageal hernia (from single or short term exertion)  
 253 Paraesophageal hernia from repeated exertions  
 2899 Parakeratosis  
 16\* Paralysis from brain injury  
 1121 Paralysis, except due to known brain injury  
 21 Paralytic (toxic) anemia  
 16\* Paraplegia from brain injury  
 1121 Paraplegia, except due to known brain injury  
 3\* Parasitic and infectious diseases  
 35 Parasitic worm infections  
 362 Paratyphoid fever  
 3232 Paravaccinia  
 222 Parkinson's disease  
 3123 Parrot fever  
 1311 Partial amputation (regardless of bone loss)  
 121\* Partial displacement  
 1961 Passed out—due to chemical exposure  
 5111 Passed out—except heat or chemical related  
 1722 Passed out—heat related  
 2749 Pathological fracture  
 391 Pediculosis and phthirus infestation (lice)  
 252 Peptic ulcer  
 2359 Pericarditis, acute  
 2899 Perioral dermatitis  
 2749 Periostitis  
 224\* Peripheral nervous system disorders  
 239 Peripheral venous insufficiency, n.e.c.  
 5179 Peristalsis  
 255 Peritonitis  
 2429 Peritonsillar abscess

1719 Perniosis  
 3192 Pertussis  
 241 Pharyngitis, acute  
 2422 Pharyngitis, chronic  
 221 Phlebitis of intracranial or intraspinal venous sinuses  
 2383 Phlebitis, thrombosis  
 2819 Pilonidal cyst  
 2729 Pinched nerve in neck or cervical vertebrae—nontraumatic  
 1131 Pinched nerve in neck or cervical vertebrae—traumatic  
 1129 Pinched nerve of spinal cord without herniated or ruptured disc  
 1211 Pinched nerve resulting from herniated disc  
 2241 Pinched nerve, carpal tunnel syndrome—nontraumatic  
 1131 Pinched nerve, carpal tunnel syndrome—traumatic  
 1131 Pinched nerve, excluding spinal cord, dislocation, herniated disc, or repeated trauma  
 3149 Pinta  
 2899 Pityriasis  
 3129 Plague  
 3129 Plague, bubonic  
 3129 Plague, pneumonic  
 2739 Plantar fasciitis  
 2739 Plantar fibromatosis  
 2499 Pleurisy  
 245\* Pneumoconioses  
 2458 Pneumoconiosis with tuberculosis  
 2459 Pneumoconiosis, n.e.c.  
 2450 Pneumoconiosis, unspecified  
 399 Pneumocystosis  
 2431 Pneumonia  
 2431 Pneumonia due to unspecified organisms  
 2431 Pneumonia due to viral or bacterial agents  
 243\* Pneumonia, influenza  
 2430 Pneumonia, influenza, unspecified  
 3129 Pneumonic plague  
 2491 Pneumonitis, n.e.c.  
 240 Pneumonopathy  
 2499 Pneumothorax, spontaneous  
 521 Poikilocytosis  
 1951 Poison ivy  
 1951 Poison oak  
 1951 Poison sumac  
 1961 Poisoning, carbon monoxide  
 364 Poisoning, food—E. coli  
 364 Poisoning, food—other bacterial (excludes

\*-Asterisks denote a summary level code not assigned to individual cases.

## NATURE CODE INDEX

Salmonella)  
 363 Poisoning, food—Salmonella, except typhi  
     or paratyphi  
 364 Poisoning, food—staphylococcal  
 35 Poisoning, food—trichinosis  
 360 Poisoning, food—unspecified  
 1961 Poisoning, including poisoning related  
     asphyxia  
 1961 Poisoning, lead  
 1961 Poisoning, radiation  
 3229 Poliomyelitis, acute  
 271 Polyarthritits  
 21 Polycythemia  
 5173 Polyuria  
 1972 Popped knee joint  
 191 Positional asphyxia with no crushing or  
     internal injuries specified  
 5269 Positive culture findings  
 5261 Positive reaction to tuberculin skin test,  
     without a diagnosis of TB  
 6211 Post-traumatic stress disorder  
 2731 Prepatellar bursitis  
 2893 Prickly heat, heat rash, and other disorders  
     of the sweat glands  
 2341 Primary pulmonary hypertension  
 311 Primary tuberculous infection (diagnosed)  
 2332 Prinzmetal angina  
 611\* Prosthetic devices, damage to  
 1725 Prostration, heat  
 399 Protozoa infection  
 2899 Pruritus and related conditions  
 3123 Psittacosis  
 2899 Psoriasis and similar disorders  
 399 Psorospermiasis  
 1233 Pulled back, unspecified  
 1232 Pulls to ligaments  
 1233 Pulls to muscles and tendons  
 1230 Pulls, unspecified  
 2492 Pulmonary edema  
 2342 Pulmonary embolism  
 2493 Pulmonary fibrosis, n.e.c.  
 2341 Pulmonary heart disease  
 311 Pulmonary tuberculosis (diagnosed)  
 133 Puncture wound from nonvenomous animal  
     bite  
 133 Puncture wound resulting from splinter  
 133 Puncture wounds, except gunshot wounds  
 21 Purpura and other hemorrhagic conditions  
 2819 Pyoderma  
 1721 Pyrexia, heat

### Q

3311 Q fever  
 1121 Quadriplegia, except due to known brain  
     injury  
 16\* Quadriplegia, from brain injury  
 21 Qualitative platelet defects

### R

3129 Rabbit fever  
 3291 Rabies  
 159\* Radiation burns  
 1961 Radiation sickness or poisoning  
 5269 Raised level of immunoglobulin  
 5151 Rapid heart beat  
 1950 Rash, unspecified  
 3129 Rat-bite fever  
 196\* Rattlesnake bite, reaction specified (code to  
     reaction)  
 1960 Rattlesnake bite, reaction unspecified  
 2371 Raynaud's syndrome or phenomenon  
 1969 Reactions to injections, unspecified—  
     traumatic  
 2250 Redness of eye  
 171\* Reduced temperature effects  
 339 Relapsing fever  
 5179 Renal colic  
 262 Renal failure  
 2730 Repetitive motion disorders, unspecified  
 241 Respiratory infection, acute  
 516\* Respiratory system and chest symptoms  
 24\* Respiratory system diseases  
 240 Respiratory system diseases, unspecified  
 4131 Reticulosarcoma  
 4131 Reticulum cell sarcoma  
 2259 Retinal detachment—nontraumatic  
 222 Reye's syndrome  
 231 Rheumatic carditis  
 231 Rheumatic fever with heart involvement  
 2729 Rheumatism affecting the back  
 2739 Rheumatism, other than the back  
 2421 Rhinitis, allergic  
 349 Rhinosporidiosis  
 1951 Rhus  
 194 Rib fracture, fatal  
 111 Rib fracture, nonfatal  
 331\* Rickettsioses diseases  
 3319 Rickettsioses diseases, n.e.c.  
 3310 Rickettsioses diseases, unspecified  
 341 Ringworm

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## NATURE CODE INDEX

2899	Rosacea	3193	Scarlatina
1231	Rotator cuff rupture, unless specified as minor or moderate (grade I or II)	35	Schistosomiasis
1233	Rotator cuff strain, unless specified as major or severe (grade III)	2721	Sciatica—nontraumatic
2739	Rotator cuff syndrome	1131	Sciatica—traumatic
1231	Rotator cuff tear, unless specified as minor or moderate (grade I or II)	196*	Scorpion bite or sting—reaction specified (code to reaction)
3237	Rubella (German measles)	1960	Scorpion bite or sting—reaction unspecified
123*	Rupture of joint capsule, ligament, muscle or tendon	141	Scrape
2739	Rupture of synovium	141	Scratches
1231	Ruptured Achilles tendon, unless specified as minor or moderate (grade I or II)	253	Scrotal hernia from repeated exertions
1999	Ruptured artery of arm or leg, not resulting from open wound	124	Scrotal hernia from single or short term exertion
23*	Ruptured blood vessels—nontraumatic	3319	Scrub typhus
1999	Ruptured blood vessels of the extremities—traumatic	196*	Sea nettle sting, reaction specified (code to reaction)
194	Ruptured blood vessels of the trunk—traumatic	1960	Sea nettle sting, reaction unspecified
1211	Ruptured disc	2832	Sebaceous cyst
1739	Ruptured eardrum due to air or water pressure	283*	Sebaceous gland diseases
133	Ruptured eardrum from piercing by sharp object	1592	Second degree burn (excluding heat, thermal, electrical, chemical)
253	Ruptured hernia from repeated exertions	1512	Second degree chemical burn and corrosion
124	Ruptured hernia from single or short term exertion	1532	Second degree electrical burn
1211	Ruptured intervertebral disc	1522	Second degree heat (thermal) burn
1231	Ruptured ligament, major	1592	Second degree sunburn
1232	Ruptured ligament, minor or moderate, unknown severity	1522	Second degree thermal burn
1231	Ruptured tendon or muscle, major	2231	Seizure disorder—nontraumatic
1233	Ruptured tendon or muscle, minor or moderate, unknown severity	16*	Seizure disorder from brain injury
		5112	Seizures, convulsions—nontraumatic
		1212	Separated shoulder
		3197	Septicemia
		3252	Serum hepatitis (type B)
		1312	Severed ear
		1311	Severed finger
		1121	Severed spinal cord with paralysis
		112*	Severed spinal cord, nonfatal from gunshot wound
		1129	Severed spinal cord, unless paralysis mentioned
		1311	Severed toe
		524	Shadow of lung
		369	Shigellosis, except dysentery
		3234	Shingles
		1962	Shock—anaphylactic
		193	Shock—electrical, lightning
		1991	Shock—traumatic complication
		5169	Shortness of breath—nontraumatic
		1963	Shortness of breath due to poisoning, toxic, noxious, or allergenic effects
		1212	Shoulder dislocation
		1212	Shoulder separation
		510	Sick building syndrome with unspecified

### S

363	Salmonella food poisoning, unspecified
363	Salmonella infection, excluding Salmonella typhi
362	Salmonella typhi or paratyphi bacterial infection
399	Sarcoidosis
41*	Sarcomas
399	Sarcosporidiosis
392	Scabies and other acariases
152*	Scalding burns
152*	Scalds
1312	Scalping injury

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## NATURE CODE INDEX

	symptoms		unspecified
21	Sickle-cell anemia	2259	Solar retinopathy
2457	Siderosis	1972	Soreness, pain, hurt—nonspecified injury
2453	Silicosis	1972	Spasm—traumatic
2453	Silicotic fibrosis	2729	Spasm, back—nontraumatic
111	Simple fracture	1972	Spasm, back—traumatic
1732	Sinus barotrauma	1972	Spasm, muscle—traumatic
241	Sinusitis—acute	2739	Spasm, muscle, excluding the back— nontraumatic
2422	Sinusitis—chronic	2739	Spasms affecting part of body other than back—nontraumatic
1721	Siriasis	5121	Spasms affecting the entire body, no specific diagnosis
289*	Skin and subcutaneous tissue disorders	5121	Spasms or tremors, n.e.c.
281*	Skin and subcutaneous tissue infections	196*	Spider bite, reaction specified (code to reaction)
4122	Skin cancer, basal cell nonmelanoma	1960	Spider bite, reaction unspecified
4121	Skin cancer, melanoma	111	Spinal bone injury
4122	Skin cancer, squamous cell	222	Spinocerebellar disease
4120	Skin cancer, unspecified	111	Spiral fracture
4213	Skin neoplasms and tumors—benign, (noncancerous)	519	Splenomegaly
412*	Skin neoplasms and tumors—malignant (cancerous)	133	Splinter, embedded
433	Skin neoplasms and tumors of unknown properties	141	Splinter, superficial
5139	Skin sensation, disturbances of	133	Splinter, unspecified
5139	Skin texture, changes in	2729	Spondylitis and spondylosis of the spine
2894	Skin ulcers, chronic	2632	Spontaneous abortion
1681	Skull fracture—fatal	2749	Spontaneous fracture
111	Skull fracture—nonfatal and no mention of intracranial injury	239	Spontaneous hemorrhage, n.e.c.
1681	Skull fracture with intracranial injury	2499	Spontaneous pneumothorax
5119	Sleep disturbances	349	Sporotichosis
339	Sleeping sickness	3312	Spotted fevers and tick typhus
1211	Slipped disc	1232	Sprains—mild, moderate, or unknown severity
111	Slipped epiphysis	1821	Sprains and bruises of equal severity
3231	Smallpox	1839	Sprains and fractures of equal severity
1961	Smoke inhalation—fatal	182*	Sprains and other injuries
1960	Smoke inhalation—nonfatal, reaction unspecified	1829	Sprains and other injuries, n.e.c.
1841	Smoke inhalation and burns of equal severity	1820	Sprains and other injuries, unspecified
133	Snake bite—nonvenomous (excludes copperhead, cottonmouth, rattlesnake, and water moccasin)	1822	Sprains, strains or tears and cuts
196*	Snake bite—venomous, copperhead, cottonmouth, rattlesnake, and water moccasin	123*	Sprains, strains, tears
196*	Snake bite—venomous, reaction specified (code to reaction)	1230	Sprains, strains, tears, unspecified
1960	Snake bite—venomous, reaction unspecified	4122	Squamous cell nonmelanoma skin cancer
273*	Soft tissue disorders, except the back	133	Stab wound
2739	Soft tissue disorders, except the back, n.e.c.	133	Stabbed
2730	Soft tissue disorders, except the back,	2459	Stannosis
		364	Staphylococcal food poisoning
		3194	Staphylococcal infection—methicillin Resistant, except skin
		2814	Staphylococcal skin infection—except methicillin resistant
		1813	Staphylococcal skin infection—

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## NATURE CODE INDEX

	methicillin resistant	5159	Symptoms involving cardiovascular system, n.e.c.
2732	Stenosing tenosynovitis	5150	Symptoms involving cardiovascular system, unspecified
196*	Sting from bee, hornet, wasp, yellow jacket, sea nettle, jelly fish, reaction specified (code to reaction)	517*	Symptoms involving digestive and urinary systems
1960	Sting from bee, hornet, wasp, yellow jacket, sea nettle, jelly fish, reaction unspecified	5179	Symptoms involving digestive and urinary systems, n.e.c.
1233	Strains—mild, moderate, or unknown severity	5170	Symptoms involving digestive and urinary systems, unspecified
253	Strangulated hernia from repeated exertions	514*	Symptoms involving head and neck
124	Strangulated hernia from single or short term exertion	5149	Symptoms involving head and neck, n.e.c.
191	Strangulation	5140	Symptoms involving head and neck, unspecified
3193	Strep throat	512*	Symptoms involving nervous and musculoskeletal systems
3193	Streptococcal sore throat, scarlatina	5129	Symptoms involving nervous and musculoskeletal systems, n.e.c.
6211	Stress—post-traumatic	5120	Symptoms involving nervous and musculoskeletal systems, unspecified
6210	Stress—unspecified job-related	516*	Symptoms involving respiratory system and chest
111	Stress fracture	5169	Symptoms involving respiratory system and chest, n.e.c.
621*	Stress, anxiety	5160	Symptoms involving respiratory system and chest, unspecified
5169	Stridor	513*	Symptoms involving skin and other integumentary tissue
2454	Stripper's asthma	5139	Symptoms involving skin and other integumentary tissue, n.e.c.
1721	Stroke—heat	5130	Symptoms involving skin and other integumentary tissue, unspecified
2361	Stroke—hemorrhagic	5*	Symptoms, signs, and ill-defined conditions
2361	Stroke—ischemic	59	Symptoms, signs, and ill-defined conditions, n.e.c.
2362	Stroke—mini	50	Symptoms, signs, and ill-defined conditions, unspecified
2361	Stroke—nontraumatic and not heat-related	510	Symptoms, unspecified
35	Strongyloidiasis	1722	Syncope, heat
5119	Stupor	5111	Syncope, except heat or chemical related
2259	Styes	2735	Synovial and Birkett's hernia
2732	Styloid tenosynovitis	2739	Synovial rupture, nontraumatic
161	Subarachnoid hemorrhage	2733	Synovitis
281*	Subcutaneous tissue and skin infections	313	Syphilis and other bacterial venereal diseases
161	Subdural hematoma	20	Systemic diseases and disorders, unspecified
121*	Subluxation		
629	Substance-induced mental disorder		
191	Suffocation		
1591	Sunburn, first degree or degree not specified		
1721	Sunstroke		
141	Superficial chip		
141	Superficial splinter		
14*	Surface wounds and bruises		
149	Surface wounds and bruises, n.e.c		
140	Surface wounds and bruises, unspecified		
5179	Swallowing difficulty		
3141	Swamp fever		
3299	Sweating fever		
5119	Sweating, excessive		
1973	Swelling, inflammation, irritation, nonspecified injury		
51*	Symptoms		
515*	Symptoms involving cardiovascular system	5169	Tachypnea

### T

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## NATURE CODE INDEX

2453	Talcosis	221	Thrombophlebitis of intracranial or intraspinal venous sinuses
35	Tapeworm	2379	Thrombosis, arterial—nontraumatic
2244	Tarsal tunnel syndrome	2383	Thrombosis, venous—nontraumatic
160	TBI (traumatic brain injury), unspecified	2911	Thyroid gland diseases and disorders
1231	Tears—major	2911	Thyroiditis
1230	Tears—minor or moderate	3312	Tick-borne rickettsioses
1230	Tears—unspecified	3312	Tick typhus
1232	Tears to ligaments—minor, moderate, or unknown severity	1963	Tightening of chest due to short-term exposure to toxic, noxious, or allergenic substance
1233	Tears to muscles and tendons—minor or moderate	341	Tinea
1231	Tears to muscles, tendons, ligaments—major	2262	Tinnitus
2735	Tendinitis	1312	Toenail avulsion
1231	Tendon avulsion	241	Tonsillitis
123*	Tendon injuries, traumatic	2422	Tonsils, chronic conditions
132	Tendon lacerations in open wounds	1312	Tooth avulsion
2735	Tendonitis	111	Tooth fracture
5179	Tenesmus	1312	Tooth loss, without fracture
2734	Tennis elbow	119	Tooth, loose
2732	Tenosynovitis—deQuervain's	1231	Torn Achilles tendon, unless specified as minor or moderate (grade I or II)
2733	Tenosynovitis—other	1231	Torn ACL, unless specified as minor or moderate (grade I or II)
2732	Tenosynovitis—stenosing	1231	Torn anterior cruciate ligament, unless specified as minor or moderate (grade I or II)
2732	Tenosynovitis—styloid	1231	Torn bicep, unless specified as minor or moderate (grade I or II)
2733	Tenosynovitis—unspecified	122*	Torn cartilage
2912	Testicular dysfunction	1231	Torn ligament—major (grade III)
3196	Tetanus	1232	Torn ligament—minor or moderate (grade I or II) or unspecified
5129	Tetany	1231	Torn MCL, unless specified as minor or moderate (grade I or II)
21	Thalassemia	1231	Torn medial collateral ligament, unless specified as minor or moderate (grade I or II)
152*	Thermal burns	1221	Torn meniscus in knee, unless specified as minor or moderate (grade I or II)
1721	Thermoplegia	1229	Torn meniscus in shoulder
1593	Third degree burns (excluding heat, thermal, electrical, chemical)	1231	Torn muscle—major (grade III)
1513	Third degree chemical burns and corrosions	1233	Torn muscle—minor or moderate (grade I or II) or unspecified
1533	Third degree electrical burns	1231	Torn rotator cuff, unless specified as minor or moderate (grade I or II)
1523	Third degree heat (thermal) burns	21	Toxic (paralytic) anemia
1964	Throat irritation, due to short-term exposure to toxic, noxious, or allergenic substance	2911	Toxic and nontoxic goiter
5149	Throat irritation, unless due to short-term exposure to toxic, noxious, or allergenic substance	1961	Toxic effects of food contaminants or noxious food stuffs—nonviral and nonbacterial
1964	Throat pain or irritation due to short-term exposure to toxic, noxious, or allergenic substance		
5149	Throat pain or irritation, unless due to short-term exposure to toxic, noxious, or allergenic substance		
21	Thrombasthenia		
21	Thrombocytasthenia		
21	Thrombocytopenia		
2383	Thrombophlebitis		

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## NATURE CODE INDEX

256	Toxic hepatitis—noninfective	5121	Tremors, n.e.c.
2351	Toxic myocarditis	3319	Trench fever
2243	Toxic myoneural disorders	1719	Trench foot
2242	Toxic polyneuropathy	35	Trichinosis
399	Toxoplasmosis	399	Trichomoniasis
241	Tracheitis	35	Trichostrongyloidiasis
1311	Transections	35	Trichuriasis
2362	Transient cerebral ischemia	2732	Trigger finger
1723	Transient heat fatigue	339	Trypanosomiasis (including Chagas' disease)
2362	Transient ischemia attacks	311	Tuberculosis (diagnosed)
1121	Transient paralysis, traumatic, except due to known brain injury	3129	Tularemia
194	Traumatic aneurysm, fistula, or aortic dissection	4212	Tumor, fatty (lipoma) —benign
191	Traumatic asphyxia	42*	Tumors and neoplasms, benign
1972	Traumatic backache	41*	Tumors and neoplasms, malignant
160	Traumatic brain injury (TBI), unspecified	4*	Tumors neoplasms and cancers
161	Traumatic cerebral hemorrhage	1232	Twists involving joints
199*	Traumatic complications	1232	Twists, unspecified
1*	Traumatic injuries and disorders	3251	Type A viral hepatitis (infectious hepatitis)
1999	Traumatic injuries and disorders, n.e.c.	3252	Type B viral hepatitis (serum hepatitis)
10	Traumatic injuries and disorders, unspecified	3253	Type C viral hepatitis
11*	Traumatic injuries to bones, nerves, spinal cord	3254	Type E viral hepatitis
119	Traumatic injuries to bones, nerves, spinal cord, n.e.c.	362	Typhoid and paratyphoid fevers
110	Traumatic injuries to bones, nerves, spinal cord, unspecified	3319	Typhus, flea-borne
12*	Traumatic injuries to muscles, tendons, ligaments, joints, etc.	3319	Typhus, louse-borne
129	Traumatic injuries to muscles, tendons, ligaments, joints, etc., n.e.c.	3319	Typhus, scrub
120	Traumatic injuries to muscles, tendons, ligaments, joints, etc., unspecified	3312	Typhus, tick
113*	Traumatic injuries to nerves, except the spinal cord		
1139	Traumatic injuries to nerves, except the spinal cord, n.e.c.		
1130	Traumatic injuries to nerves, except the spinal cord, unspecified		
112*	Traumatic injuries to spinal cord		
1129	Traumatic injuries to spinal cord, n.e.c.		
1120	Traumatic injuries to spinal cord, unspecified		
1139	Traumatic neuroma		
194	Traumatic rupturing of blood vessels		
1991	Traumatic shock—complication of other injury		
1121	Traumatic transient paralysis except due to known brain injury		

### U

252	Ulcer, gastric
252	Ulcer, gastrojejunal
252	Ulcer, peptic
2894	Ulcer, skin—chronic
1591	Ultraviolet keratoconjunctivitis
124	Umbilical hernia (from single or short term exertion)
253	Umbilical hernia from repeated exertions
1722	Unconsciousness associated with heat
5111	Unconsciousness without reference to heat
3122	Undulant fever
1966	Unspecified allergic reaction
1961	Unspecified effects of radiation
35	Unspecified intestinal parasite
5139	Unspecified jaundice
1966	Unspecified reactions to injections—traumatic
5151	Unspecified tachycardia (rapid heart beat)
1232	Unspecified twists
262	Urethral stricture
262	Urethritis

\*-Asterisks denote a summary level code not assigned to individual cases.

## NATURE CODE INDEX

262 Urinary system diseases, other  
 517\* Urinary system symptoms  
 1953 Urticaria

### V

3233 Varicella  
 2381 Varicose veins  
 222 Vascular myelopathies of the spinal cord  
 238\* Vein, lymphatics diseases  
 313 Venereal disease—bacterial  
 196\* Venomous animal bite, reaction specified  
     (code to reaction)  
 1960 Venomous animal bite, reaction unspecified  
 196\* Venomous bites and stings, except those  
     limited to skin (code to reaction)  
 1960 Venomous bites and stings, except those  
     limited to skin, reaction unspecified  
 195\* Venomous bites and stings, reaction limited  
     to skin (code to reaction)  
 195\* Venomous insect bite, reaction limited to  
     skin (code to reaction)  
 196\* Venomous insect bite, reaction specified and  
     not limited to skin (code to reaction)  
 1960 Venomous insect bite, reaction unspecified  
 253 Ventral hernia from repeated exertions  
 124 Ventral hernia from single or short term  
     exertion  
 339 Verruga peruana  
 361 Vibrio cholera  
 3149 Vincent's angina  
 3261 Viral conjunctivitis (ophthalmia)  
 32\* Viral diseases, except intestinal  
 323\* Viral diseases accompanied by exanthem  
     (eruptive fever)  
 3239 Viral diseases accompanied by exanthem  
     (eruptive fever), n.e.c.  
 3230 Viral diseases accompanied by exanthem  
     (eruptive fever), unspecified  
 326\* Viral diseases of the conjunctiva  
 3269 Viral diseases of the conjunctiva, n.e.c.  
 3260 Viral diseases of the conjunctiva,  
     unspecified  
 320 Viral diseases, unspecified  
 3243 Viral encephalitis—arthropod-borne  
 3229 Viral encephalitis—except arthropod-borne  
 325\* Viral hepatitis  
 3259 Viral hepatitis, n.e.c.  
 3251 Viral hepatitis, type A  
 3252 Viral hepatitis, type B  
 3253 Viral hepatitis, type C

3254 Viral hepatitis, type E  
 3250 Viral hepatitis, unspecified  
 3221 Viral meningitis—except arthropod-borne  
 3261 Viral ophthalmia  
 2431 Viral pneumonia  
 3299 Viral warts  
 521 Viremia, unspecified  
 2256 Visual disturbances  
 2919 Vitamin deficiencies  
 2899 Vitiligo  
 5142 Voice disturbances  
 1967 Vomiting due to poisoning, toxic, noxious,  
     or allergenic effects  
 5171 Vomiting, unspecified cause

### W

3299 Warts, viral  
 195\* Wasp sting, reaction limited to skin (code to  
     reaction)  
 196\* Wasp sting, reaction specified (code to  
     reaction)  
 1960 Wasp sting, reaction unspecified  
 3141 Weil's disease  
 1591 Welder's flash, first degree or degree not  
     specified  
 2832 Wen  
 3245 West Nile virus  
 1963 Wheezing due to poisoning, toxic, noxious,  
     or allergenic effects  
 5169 Wheezing, except due to poisoning, toxic,  
     noxious, or allergenic effects  
 125 Whiplash—unspecified  
 21 White blood cell diseases  
 3192 Whooping cough  
 35 Worm infections

### X

2839 Xerosis cutis

### Y

3149 Yaws  
 3241 Yellow fever  
 196\* Yellow jacket sting, reaction specified (code  
     to reaction)  
 1960 Yellow jacket sting, reaction unspecified

### Z

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## NATURE CODE INDEX

312*	Zoonotic bacterial diseases	3120	Zoonotic bacterial diseases, unspecified
3129	Zoonotic bacterial diseases, n.e.c.	349	Zygomycosis

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**PART OF BODY CODE INDEX**

**SECTION 4.2**

**Part of  
Body Affected  
Index**

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## PART OF BODY CODE INDEX

A			
33*	Abdomen	85	Back and shoulder(s)
330	Abdomen, except internal location of diseases or disorders	5311	Ball(s) of the foot
339	Abdominal aorta	3341	Bladder
330	Abdominal cavity	41	Blade, shoulder
3350	Abdominal region (traumatic hernia)	6	Body systems
52	Achilles tendon	111	Brain
512	ACL - Anterior cruciate ligament	111	Brain stem
52	Ankle(s)	310	Breast(s) —external location
582	Ankle(s) and foot (feet)	316	Breast(s)—internal
5831	Ankle(s) and knee(s)	314	Bronchus
583*	Ankle(s) and leg(s)	343	Buttock(s)
5839	Ankle(s) and leg(s), n.e.c.		
5830	Ankle(s) and leg(s), unspecified	C	
512	Anterior cruciate ligament (ACL)	513	Calf
12	Anvil	20	Cervical spine
339	Aorta, abdominal	20	Cervical discs
319	Aorta, ascending	20	Cervical vertebrae C1 – C7
319	Aorta, thoracic	134	Cheek(s)
319	Aortal arch	310	Chest, except internal location of diseases or disorders
5312	Arch(es), instep(s)	31*	Chest, including ribs, internal organs
42*	Arm(s)	135	Chin
423	Arm(s), lower	6	Circulatory system
429	Arm(s), n.e.c.	41	Clavicle
420	Arm(s), unspecified	324	Coccygeal region
4281	Arm(s) and elbow(s)	324	Coccyx
481*	Arm(s) and hand(s)	12	Cochlea
484	Arm(s) and shoulder(s)	41	Collar bone
41	Armpit	3353	Colon
911	Artificial eye(s)	12	Concha
911	Artificial limb(s)	132	Conjunctiva
91*	Artificial medical implants	911	Contact lenses
319	Ascending aorta	132	Cornea
20	Atlanto-axial joint.	911	Corrective lens(es)
20	Atlanto-occipital joint	11*	Cranial region, including skull
12	Auditory nerve	119	Cranial region, n.e.c.
12	Auricle (or outer ear)	110	Cranial region, unspecified
		340	Crotch
B		D	
32*	Back, including spine, spinal cord	911	Denture(s)
329	Back, including spine, spinal cord, n.e.c.	332	Diaphragmatic region (hernia)
320	Back, including spine, spinal cord, unspecified	20	Discs, cervical
322	Back, lower	32*	Discs, except cervical
321	Back, middle	422	Distal humerus
84	Back and neck	4422	Distal interphalangeal joint
321	Back, upper	4422	Distal phalanx (phalanges)

\*-Asterisks denote a summary level code not assigned to individual cases.

## PART OF BODY CODE INDEX

<b>E</b>			
12	Ear(s)	538	Foot (feet) and toe(s)
12	Ear canal	539	Foot (feet), except toes
12	Eardrum	423	Forearm(s)
12	Earlobe(s)	131	Forehead
422	Elbow(s)	<b>G</b>	
4281	Elbow(s) and arm(s)	3362	Gallbladder
4811	Elbow(s) and hand(s)	6	Gastrointestinal system
4831	Elbow(s) and wrist(s)	344	Groin
332	Esophageal region (hernia)	1364	Gum
312	Esophagus	<b>H</b>	
12	Eustachian tube	112	Hair and scalp
3453	External female genital region	12	Hammer
345*	External reproductive tract structures	511	Hamstring
3459	External reproductive tract structures, n.e.c.	44*	Hand(s)
3450	External reproductive tract structures, unspecified	4819	Hand(s) and arm(s), n.e.c.
5*	Extremities, lower	4810	Hand(s) and arm(s), unspecified
4*	Extremities, upper	481*	Hand(s) and arms(s)
911	Eye glasses	4811	Hand(s) and elbow(s)
132	Eye(s)	448	Hand(s) and finger(s)
132	Eyeball(s)	482	Hand(s) and wrist(s)
131	Eyebrow(s)	441	Hand(s), except finger(s)
132	Eyelashes	449	Hand(s), n.e.c.
132	Eyelid(s)	440	Hand(s), unspecified
<b>F</b>		1*	Head
13*	Face	81	Head and neck
139	Face, n.e.c.	83	Head and trunk
130	Face, unspecified	19	Head, n.e.c.
3465	Female genitals, n.e.c.	82	Head, neck, and trunk
3453	Female genital region, external	911	Head, prosthetic and orthopedic devices
3350	Femoral region (hernia)	10	Head, unspecified
513	Fibula	911	Hearing aid(s)
442*	Finger(s), fingernail(s)	313	Heart
4429	Finger(s), fingernail(s), n.e.c.	5313	Heel(s)
4420	Finger(s), fingernail(s), unspecified	12	Helix
4421	Fingernail(s), nailbed(s)	332	Hiatal region (hernia)
448	Finger(s) and hand(s)	341	Hip(s)
441	Fingers, between	86	Hip(s) and leg(s)
4422	Fingertip(s)	422	Humerus—distal
53*	Foot (feet)	421	Humerus—midshaft
582	Foot (feet) and ankle(s)	41	Humerus—proximal
581*	Foot (feet) and leg(s)	24	Hypopharynx
539	Foot (feet), n.e.c.	<b>I</b>	
530	Foot (feet), unspecified	330	Inguinal region (traumatic injury)
5811	Foot (feet) and knee(s)	3350	Inguinal region nontraumatic (hernia)
5819	Foot (feet) and leg(s), n.e.c.	12	Inner ear
5810	Foot (feet) and leg(s), unspecified		

\*-Asterisks denote a summary level code not assigned to individual cases.

## PART OF BODY CODE INDEX

5312 Instep(s)  
 339 Internal abdominal location, n.e.c.  
 331 Internal abdominal location, unspecified  
 319 Internal chest location, n.e.c.  
 311 Internal chest location, unspecified  
 1339 Internal nasal location, n.e.c.  
 1331 Internal nasal location, unspecified  
 29 Internal neck location, n.e.c.  
 21 Internal neck location, unspecified  
 31\* Internal organs of the trunk  
 346\* Internal reproductive tract structures  
 3469 Internal reproductive tract structures, n.e.c.  
 3460 Internal reproductive tract structures, unspecified  
 335\* Intestines  
 3353 Intestines, large  
 335\* Intestines, peritoneum  
 3359 Intestines, peritoneum, n.e.c.  
 3350 Intestines, peritoneum, unspecified  
 3352 Intestines, small  
 132 Iris

### J

135 Jaw

### K

3342 Kidney(s)  
 512 Knee(s)  
 5831 Knee(s) and ankle(s)  
 5181 Knee(s) and leg(s)  
 441 Knuckles

### L

132 Lacrimal glands  
 3353 Large intestine, colon, rectum  
 24 Laryngeal pharynx.  
 24 Laryngopharynx  
 23 Larynx  
 51\* Leg(s)  
 583\* Leg(s) and ankle(s)  
 581\* Leg(s) and foot (feet)  
 86 Leg(s) and hip(s)  
 519 Leg(s), n.e.c.  
 510 Leg(s), unspecified  
 511 Leg(s), upper  
 132 Lens  
 1361 Lip(s)  
 3361 Liver

12 Lobule  
 322 Lower back  
 5\* Lower extremities  
 59 Lower extremities, n.e.c.  
 914 Lower extremities, prosthetic and orthopedic devices  
 50 Lower extremities, unspecified  
 423 Lower arm(s)  
 513 Lower leg(s)  
 322 Lumbar region  
 315 Lung(s), pleura

### M

512 MCL – Medial collateral ligament  
 512 Medial collateral ligament (MCL)  
 4429 Medial phalanx (phalanges)  
 512 Meniscus of knee  
 321 Middle back  
 12 Middle ear  
 421 Mid-shaft humerus  
 136\* Mouth  
 1369 Mouth, n.e.c.  
 1360 Mouth, unspecified  
 428\* Multiple arm locations  
 4289 Multiple arm locations, n.e.c.  
 4280 Multiple arm locations, unspecified  
 328 Multiple back regions  
 8\* Multiple body parts  
 899 Multiple body parts, n.e.c.  
 918 Multiple body parts, prosthetic and orthopedic devices involving  
 80 Multiple body parts, unspecified  
 118 Multiple cranial region locations  
 3458 Multiple external reproductive tract structures  
 138 Multiple face locations  
 538 Multiple foot (feet) locations  
 18 Multiple head locations  
 338 Multiple internal abdominal locations  
 318 Multiple internal chest locations  
 1338 Multiple internal nasal locations  
 28 Multiple internal neck locations  
 3468 Multiple internal reproductive tract structures  
 3358 Multiple intestinal locations  
 518\* Multiple leg locations  
 5189 Multiple leg locations, n.e.c.  
 5180 Multiple leg locations, unspecified  
 58\* Multiple lower extremities locations  
 589 Multiple lower extremities locations, n.e.c.

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## PART OF BODY CODE INDEX

580 Multiple lower extremities locations, unspecified  
 1368 Multiple mouth locations  
 3368 Multiple other digestive structures  
 348 Multiple pelvic region locations  
 5318 Multiple sole locations  
 38 Multiple trunk locations  
 48\* Multiple upper extremities locations  
 489 Multiple upper extremities locations, n.e.c.  
 480 Multiple upper extremities locations, unspecified  
 3348 Multiple urinary organs

### N

133\* Nasal cavity  
 1333 Nasal passage(s)  
 1332 Nasopharynx  
 84 Neck and back  
 81 Neck and head  
 20 Neck, except internal location of diseases or disorders  
 82 Neck, head, and trunk  
 2\* Neck, including throat  
 6 Nervous system  
 32\* Neuroglia of the spine  
 9999 Nonclassifiable  
 1330 Nose, except internal location of diseases or disorders  
 133\* Nose, nasal cavity

### O

113 Occipital bones  
 132 Optic nerve  
 132 Orbit  
 31\* Organs of the chest  
 33\* Organs of the abdomen  
 25 Oropharynx  
 91\* Orthopedic and prosthetic devices  
 9\* Other body parts  
 336\* Other digestive structures  
 3369 Other digestive structures, n.e.c.  
 3360 Other digestive structures, unspecified  
 12 Outer ear canal  
 12 Outer ear  
 3463 Ovary (ovaries)

### P

3363 Pancreas

332 Paraesophageal region (hernia)  
 113 Parietal bones  
 512 Patella  
 34\* Pelvic region  
 349 Pelvic region, n.e.c.  
 340 Pelvic region, unspecified  
 342 Pelvis  
 3452 Penis  
 3351 Peritoneum  
 4422 Phalange, distal  
 4429 Phalange, medial  
 4429 Phalange, proximal  
 442\* Phalanges  
 442\* Phalanx (phalanges)  
 25 Pharynx  
 12 Pinna (or outer ear)  
 91\* Pins  
 315 Pleura  
 3461 Prostate  
 91\* Prosthetic and orthopedic devices  
 918 Prosthetic and orthopedic devices involving multiple body parts  
 911 Prosthetic and orthopedic devices of the head  
 914 Prosthetic and orthopedic devices of the lower extremities  
 912 Prosthetic and orthopedic devices of the trunk  
 913 Prosthetic and orthopedic devices of the upper extremities  
 919 Prosthetic and orthopedic devices, n.e.c.  
 910 Prosthetic and orthopedic devices, unspecified  
 41 Proximal humerus  
 4429 Proximal phalanx (phalanges)

### R

423 Radius  
 3353 Rectum  
 91\* Replaced joints  
 345\* Reproductive tract structures, external  
 3450 Reproductive tract structures, unspecified, external  
 3459 Reproductive tract structures, n.e.c., external  
 6 Respiratory system  
 132 Retina  
 31\* Ribs  
 91\* Rods—orthopedic devices  
 41 Rotator cuff

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## PART OF BODY CODE INDEX

### S

323 Sacral region  
 349 Sacroiliac  
 323 Sacrum  
 112 Scalp  
 12 Scapha  
 41 Scapula, shoulder blade  
 3350 Scrotal region unspecified nontraumatic (hernia)  
 3451 Scrotum  
 12 Semicircular canals  
 85 Shoulder(s) and back  
 41 Shoulder blade  
 41 Shoulder girdle  
 484 Shoulder(s) and arm(s)  
 41 Shoulder(s), including clavicle(s), scapula(e)  
 3\* Side  
 80 Side of body  
 30 Side, unspecified  
 1334 Sinus(es)  
 113 Skull  
 3352 Small intestine  
 531\* Sole(s)  
 5319 Sole(s), n.e.c.  
 5310 Sole(s), unspecified  
 20 Spinal cord (cervical)  
 32\* Spinal cord (except cervical)  
 20 Spine (cervical)  
 32\* Spine (except cervical)  
 333 Spleen  
 12 Stapes  
 12 Stirrup  
 330 Stomach, external area  
 332 Stomach organ

### T

324 Tailbone  
 113 Temporal bones  
 3462 Testis (testes)  
 511 Thigh(s)  
 321 Thoracic region  
 319 Thoracic aorta  
 2\* Throat  
 4422 Thumb-terminal joint  
 513 Tibia  
 538 Toes and foot (feet)  
 532 Toe(s), toenail(s)  
 1362 Tongue  
 1363 Tooth (teeth)

26 Trachea  
 12 Tragus  
 30 Trapezius  
 3\* Trunk  
 82 Trunk, head, and neck  
 83 Trunk and head  
 39 Trunk, n.e.c.  
 912 Trunk—prosthetic and orthopedic devices  
 30 Trunk, unspecified  
 12 Tympanic cavity

### U

423 Ulna  
 41 Underarm  
 87 Upper and lower limb(s)  
 421 Upper arm(s)  
 321 Upper back  
 4\* Upper extremities  
 49 Upper extremities, n.e.c.  
 913 Upper extremities, prosthetic and orthopedic devices  
 40 Upper extremities, unspecified  
 511 Upper leg(s)  
 334\* Urinary organs  
 3349 Urinary organs, n.e.c.  
 3340 Urinary organs, unspecified  
 3464 Uterus

### V

3350 Ventral region unspecified nontraumatic (hernia)  
 32\* Vertebrae, except cervical  
 20 Vertebrae, cervical  
 32\* Vertebra (backbone)  
 20 Vertebrae (C1 – C7)  
 324 Vertebrae (CO1 – CO4)  
 322 Vertebrae (L1 – L5)  
 323 Vertebrae (S1 – S5)  
 321 Vertebrae (T1 – T12)  
 22 Vocal cord(s)  
 23 Voice box

### W

891 Whole body  
 26 Windpipe  
 43 Wrist(s)  
 483\* Wrist(s) and arm(s)  
 4839 Wrist(s) and arm(s), n.e.c.

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## PART OF BODY CODE INDEX

4830 Wrist(s) and arm(s), unspecified  
4831 Wrist(s) and elbow(s)  
482 Wrist(s) and hand(s)

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## SOURCE CODE INDEX

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**SOURCE CODE INDEX**

**SECTION 4.3**

**Source and Secondary Source of  
Injury or Illness  
Index**

\*-Asterisks denote a summary level code not assigned to individual cases.

## SOURCE CODE INDEX

### 1 - 9

154    -(2,4,5-trichlorophenoxy) propionic acid  
 1294   1, 4-dioxane  
 1295   1,2-epoxyethane  
 1213   1,2-ethanediol  
 1239   2-acetylaminofluorene  
 1873   2-butoxyethanol  
 154    2-chloro-4, 6-bis(ethylamino)-S-triazine  
 1239   2-chloroaniline  
 1229   2-furaldehyde  
 1299   2-hexanone  
 1296   2-nitropropane  
 1241   2-propanone  
 1242   2, 3-butanedione  
 154    2, 4-DEP  
 154    2, 4, 5-trichlorophenoxyacetic acid  
       (2, 4, 5-T)  
 154    2,3,6-TBA  
 154    2,4-D  
 154    2,4,5-T  
 4151   2x4 dimensional lumber  
 1239   3,3'-dichlorobenzidine  
 154    4-chloro-2-methylphenoxyacetic acid  
 1239   4-dimethylaminoazobenzene  
 1296   4-nitrobiphenyl  
 8432   4-wheel drive vehicle

### A

345    A-frame derricks  
 7163   Abrasive pads  
 3579   Abrasive saws  
 631    Abutments—bridge and overpass  
 91\*    Accessories—clothing  
 2152   Accessories—handbags  
 7939   Accessories—musical instruments  
 7939   Accordions  
 1229   Acetaldehyde  
 1111   Acetic acid, vinegar  
 1229   Acetic aldehyde  
 1241   Acetone  
 1799   Acetylene  
 1119   Acetylsalicylic acid  
 111\*   Acids  
 11\*    Acids and alkalies  
 110    Acids and alkalies, unspecified  
 1119   Acids, n.e.c.  
 1110   Acids, unspecified  
 576    Acquaintance, n.e.c.  
 1229   Acraldehyde  
 1296   Acridine  
 1229   Acrolein

1291   Acrylamide  
 1119   Acrylic acid  
 1229   Acrylic aldehyde  
 1752   Acrylic resin  
 1292   Acrylonitrile  
 181    Adhesives, glues, n.e.c.  
 1119   Adipic acid  
 7173   Adjustable wrenches  
 7121   Adzes  
 7611   Aerial cameras  
 7424   Aerial ladder trams  
 3467   Aerial lifts, scissor lifts—except truck-mounted  
  
 3481   Aerial gondolas  
 154    Agent orange  
 3291   Agitators, mixers—earth, mineral  
 31\*    Agricultural and garden machinery  
 3199   Agricultural and garden machinery, n.e.c.  
 310    Agricultural and garden machinery, unspecified  
 3427   Agricultural auger conveyors  
 3111   Agricultural balers  
 622\*   Agricultural buildings  
 3113   Agricultural harvesters  
 8121   Air ambulance—helicopter or unspecified  
 2119   Air cargo containers  
 3991   Air compressors  
 3311   Air conditioning units  
 784    Air guns—BB  
 7235   Air guns—nail  
 7292   Air guns—paint sprayer  
 784    Air guns—paintball  
 7231   Air hammers  
 7634   Air mattresses  
 7251   Air-powered boltsetters  
 784    Air-powered guns—except nail and paint spraying  
 7235   Air-powered nail guns  
 921\*   Air pressure  
 9219   Air pressure, n.e.c.  
 9210   Air pressure, unspecified  
 799    Air pump  
 2129   Air receiver tanks  
 7252   Air wrenches  
 3293   Air, diesel, and vibratory hammers  
 489    Airbags  
 81\*    Aircraft  
 8112   Aircraft—general aviation, not otherwise specified  
 8112   Aircraft—light powered fixed wing  
 813\*   Aircraft—non-powered  
 8139   Aircraft—non-powered, n.e.c.  
 8130   Aircraft—non-powered, unspecified  
 812\*   Aircraft—powered rotary wing

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## SOURCE CODE INDEX

8129	Aircraft—powered rotary wing, n.e.c	3482	Amusement park ride, except rail or gondola
8120	Aircraft—powered rotary wing, unspecified	1219	Amyl alcohol
8121	Aircraft—powered tiltrotor	1299	Anesthetic ether
819	Aircraft, n.e.c	1843	Anesthetics, except ether
810	Aircraft, unspecified	7366	Angle finders
8111	Airplane—jet or turbine engine	4131	Angle irons
811*	Airplane—powered fixed wing	1119	Anhydrous hydriodic acid
8119	Airplane—powered fixed wing, n.e.c	1119	Anhydrous hydrobromic acid
8110	Airplane—powered fixed wing, unspecified	1112	Anhydrous hydrochloric acid
8112	Airplane—propeller-driven or piston engine	1113	Anhydrous hydrofluoric acid
8624	Airplane tug—powered	1239	Aniline
6695	Airport runways	85*	Animal- and human-powered vehicles
8412	Airport shuttle	859	Animal- or human-powered vehicle, n.e.c
8624	Airport utility vehicle—powered	850	Animal- or human-powered vehicle, unspecified
1841	Alcoholic beverages	52*	Animal and plant byproducts
121*	Alcohols	520	Animal and plant byproducts, unspecified
1219	Alcohols, n.e.c.	529	Animal and plant products, n.e.c.
1210	Alcohols, unspecified	5219	Animal blood
122*	Aldehydes	5215	Animal carcass, including roadkill
1229	Aldehydes, n.e.c.	5219	Animal fluids
1220	Aldehydes, unspecified	853	Animal powered wagon
1296	Aliphatic and organic nitrogen compounds	521*	Animal products—nonfood
112*	Alkalies	5219	Animal products—nonfood, n.e.c.
1129	Alkalies, n.e.c.	5210	Animal products—nonfood, unspecified
1120	Alkalies, unspecified	5216	Animal waste products
1119	Alkanesulfonic acid	51*	Animals
144	Alkyl lead	510	Animals, unspecified
8611	All terrain vehicle, ATV	1295	Anprolene
7173	Allen wrenches	1211	Antifreeze
5151	Alley cats	1462	Antimony and antimony compounds
5149	Alligators	5133	Ants, including fire ants
1219	Allyl alcohol	6253	Apartment building—garden style, height unknown
1229	Allyl aldehyde	6253	Apartment building—height unknown
1239	Alpha-, beta- Naphthylamine	6252	Apartment building—high-rise
1461	Aluminum and compounds	6253	Apartment building—low or mid-rise
2116	Aluminum cans	6253	Apartment building, five or fewer stories, height unknown
4196	Aluminum siding	6253	Apartment building, less than 75 feet
8121	Ambulance—air, unless otherwise specified	7619	Apparatus—darkroom
8411	Ambulance—ground	7619	Apparatus—developing
1299	Amines—nonaromatic	8425	Apparatus—fire
1239	Aminobenzene	91*	Apparel and textiles
1239	Aminodiphenyl	919	Apparel and textiles, n.e.c.
171*	Ammonia and ammonium compounds	910	Apparel and textiles, unspecified
1719	Ammonia and ammonium compounds, n.e.c.	9119	Aprons—clothing
1710	Ammonia and ammonium compounds, unspecified	1114	Aqua fortis
1711	Ammonia, anhydrous ammonia	2118	Aquariums
1719	Ammonium hydroxide	1119	Aqueous hydrogen bromide
1719	Ammonium nitrate	1119	Aqueous hydrogen chloride
1712	Ammonium sulfate	1119	Aqueous hydrogen fluoride
782	Ammunition	1119	Aqueous hydrogen iodide
2114	Ammunition boxes	7639	Arcade games
821	Amusement park rail vehicle		
3481	Amusement park ride—aerial gondola		

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## SOURCE CODE INDEX

7639	Archery equipment	9279	Atmospheric and weather conditions, n.e.c.
2221	Area rugs—except rolls	9270	Atmospheric and weather conditions, unspecified
2133	Area rugs—rolls	9211	Atmospheric pressure—high or low
632	Arenas	3621	ATMs, automated teller machines
2233	Arm chairs	154	Atrazine
3571	Arm saws, radial arm saws	8611	ATV, all terrain vehicle
2237	Armoires	391*	Audio and video equipment
8429	Armored car	3919	Audio and video equipment, n.e.c.
891	Armored personnel carrier	3910	Audio and video equipment, unspecified
8429	Armored truck	3911	Audio equipment
123*	Aromatics	3427	Auger conveyor
12*	Aromatics and hydrocarbon derivatives, except halogenated	7111	Augers—breast
129*	Aromatics and hydrocarbon derivatives, except halogenated, n.e.c.	3241	Augers—drilling machine
120	Aromatics and hydrocarbon derivatives, except halogenated, unspecified	3427	Augers—grain
1239	Aromatics, n.e.c.	7211	Augers—powered handtool
1230	Aromatics, unspecified	3427	Augers—powered conveyor
1119	Arsenic acid	7111	Augers, plumbing snakes—nonpowered
141	Arsenic and compounds	7311	Augers, plumbing snakes—power not determined
1119	Arsenous acid	7211	Augers, plumbing snakes—powered
7623	Art supplies and materials—except paint	5719	Aunts
1862	Art supplies and materials—paint	3621	Automated teller machines, ATMs
7629	Art, writing and drawing supplies, n.e.c.	3464	Automobile hoists
7620	Art, writing and drawing supplies, unspecified	3464	Automobile lifts and hoists
7622	Artists' chalk	8413	Automobiles, unspecified
551	Asbestos	922	Avalanche
949	Ashes	7119	Awls
2117	Ashtrays	7121	Axes—battle
1644	Asphalt—paving	7121	Axes—grub
461	Asphalt—roofing	7132	Axes—pick
3252	Asphalt and concrete paving machines, pavers	7121	Axes—stone
3251	Asphalt and concrete spreaders	7121	Axes, except pick axes
3253	Asphalt rollers and compactors	7121	Axes, hatchets
1644	Asphaltic cement	<b>B</b>	
5779	Assailant, n.e.c.	182	Baby oil
577*	Assailant, suspect, inmate	755	Backboards
5770	Assailant, suspect, unspecified	3211	Backhoe loaders
3561	Assembly presses	3211	Backhoes
139	Astatine and compounds	3211	Backhoes, trackhoes
7639	Athletic and recreation equipment, n.e.c.	2155	Backpacks
7630	Athletic and recreation equipment, unspecified	7126	Backsaws
911*	Athletic apparel	531	Bacteria
663*	Athletic field	2153	Baggage
76*	Athletic, recreational, and photographic equipment	2111	Bags—biohazard
769	Athletic, recreational, and photographic equipment, n.e.c.	2153	Bags—carry-on
760	Athletic, recreational, and photographic equipment, unspecified	2153	Bags—duffel
		2159	Bags—golf
		2111	Bags—grocery
		2152	Bags—hand
		2111	Bags—laundry
		2156	Bags—mail satchel

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## SOURCE CODE INDEX

2153	Bags—overnight	2115	Baskets—wicker
2152	Bags—shoulder, except mail	2115	Baskets—wire
2153	Bags—suit	2115	Baskets—wooden
2152	Bags—tote	7939	Bassoons
2111	Bags—trash	7161	Bastard files
1759	Bakelite	2233	Bath chairs
5229	Bakery products	9119	Bathing suits
2117	Baking pans	7368	Bathroom scales
1129	Baking soda	2252	Bathroom sinks
7369	Balances	2212	Bathroom vanities
6395	Balconies, decks, patios, porches	2213	Bathroom vanity tops
6395	Balcony	2251	Bathtubs, hot tubs, showers
3111	Balers—agricultural	7831	Batons—law enforcement
3492	Balers—except agricultural	5159	Bats—animals
2131	Bales	7632	Bats—baseball
2131	Bales—cotton	4413	Batteries other than automotive
2131	Bales—hay	4821	Battery—vehicle
3111	Baling machinery—agricultural	1115	Battery acid
3492	Baling machinery—except agricultural	4419	Battery chargers
7151	Ball-peen hammers	7121	Battle axes
7621	Ball-point pens	7125	Bayonets
7631	Balls—recreational and athletic	784	BB guns
7142	Band clamps	4133	Beams—material unknown, structurally unattached
3572	Band saws	6551	Beams—metal, structurally attached
779	Bandages	4133	Beams—metal, unattached
779	Bandages—adhesive	6551	Beams—wooden, structurally attached
779	Bandages—latex	4153	Beams—wooden, unattached
3492	Banding, baling, and strapping machinery	2133	Beams of fabric
4221	Bands—ropes, ties, chains	7149	Bearing pullers
657	Banisters, handrails	5159	Bears
7939	Banjoes	182	Beauty preparations, cosmetics
6231	Bar—drinking establishment	2231	Bed frames
7142	Bar clamps	2231	Bed rails
3614	Bar code scanners	5134	Bedbugs
2213	Bar counters	915	Bedding
575	Bar patrons	2231	Beds
2233	Bar stools	2231	Beds—folding
6522	Barbed-wire fences	2231	Beds—mattresses
7127	Barber's scissors	2235	Beds—sofa
831	Barge	7152	Beechwood mallets
7121	Bark spuds	5227	Beef carcasses
6221	Barn	2126	Beer and soda kegs
4911	Barrel lid	2142	Beer mugs
2112	Barrels—coopered wooden	5131	Bees
2112	Barrels—nonpressurized	5139	Beetles—insect
6231	Bars—drinking establishment	7159	Beetles—striking and nailing handtool
7192	Bars—pinch, large crowbars	7939	Bells—musical instrument
7192	Bars—prying	3421	Belt conveyors
7192	Bars—wrecking	3421	Belt loaders
4132	Bars, rods, reinforcing bar, rebar	7153	Belt punches
7632	Baseball bats	7243	Belt sanders
345	Basket derricks	9111	Belts—apparel
8422	Basket hoist truck	775	Belts—safety harness
2115	Baskets		

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2157	Belts—tool	5110	Birds and fowl, unspecified
4822	Belts—vehicle	5111	Birds, except fowl
4822	Belts, hoses—vehicle	5153	Bison
7123	Bench chisels	7112	Bit braces
7142	Bench dogs	7622	Blackboard chalk
7242	Bench grinders	2262	Blackboards—stand-alone
7162	Bench planes	2261	Blackboards—wall-mounted
7366	Bench rules	226*	Blackboards, bulletin boards, mirrors
7142	Bench screws	2260	Blackboards, bulletin boards, mirrors, unspecified
7169	Bench strops	7831	Blackjacks
7142	Bench vises	7124	Blades—razor
2232	Benches, workbenches, saw horses	4432	Blades—unattached saw blades
3511	Bending, crimping machines	915	Blankets
351*	Bending, rolling, shaping machinery	9213	Blast—pressurized air
3519	Bending, rolling, shaping machinery, n.e.c.	9254	Blast—pressurized water
3510	Bending, rolling, shaping machinery, unspecified	1741	Blast furnace gas
1231	Benxole	3533	Blast furnaces
1231	Benzene	1859	Blasting caps
1232	Benzene-1, 4-diol	1311	Bleach—chlorine
1239	Benzidine	1831	Bleach—nonchlorine, nonperoxide
1871	Benzine	1749	Bleach—peroxide
1119	Benzoic acid	1831	Bleach—unspecified
1231	Benzol	632	Bleachers
1749	Benzoyl peroxide	3746	Bleachers—paper production
6674	Berms	3714	Blenders—food and beverage
142	Beryllium and compounds	2223	Blinds
7367	Bevels	4423	Block and tackle—drums, pulleys, sheaves
2116	Beverage cans	953	Block of ice
3321	Beverage heating and percolating equipment and appliances	7162	Block planes—surfacing handtool
5224	Beverages, n.e.c.	151	Blood—dried animal used as fertilizer, plant food
1242	Biacetyl	5781	Blood—human, other than injured or ill person
851	Bicycles	5219	Blood—nondried animal
851	Bicycle rickshaws	9112	Blouses
8416	Bike—dirt	7261	Blow torches
8416	Bike—motor	7831	Bludgeons
851	Bike—mountain	7612	Blueprint cloth
2214	Bike racks	7612	Blueprint paper
4811	Bike tires	7635	Boards—sliding
2152	Billfolds	5157	Boars
7639	Billiard tables, billiard equipment	3466	Boat lifts
7831	Billy clubs	4224	Boat line
617*	Bin, vat interiors, tank	832	Boats—commercial fishing
6179	Bin, vat interiors, tank, n.e.c.	835	Boats—motor
6170	Bin, vat interiors, tank, unspecified	837	Boats—row
933	Binders	836	Boats—sail
3751	Bindery machinery	833	Boats—tow or tug
2118	Bins	6344	Boatswain's chair
2111	Biohazard bags	7637	Bobsleds
1319	Biphenyls	561	Bodily conditions of injured, ill worker
154	Bipyridyls	578*	Bodily fluids or substances of other than injured or ill person
511*	Birds and fowl		
5119	Birds and fowl, n.e.c.		

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5789	Bodily fluids or substances of other than injured or ill person, n.e.c.	7126	Bow saws
5780	Bodily fluids or substances of other than injured or ill person, unspecified	2141	Bowls—any use or composition
562	Bodily motion of injured, ill worker	7611	Box cameras
7119	Bodkins	7124	Box cutters
6179	Boiler (confined space)	8426	Box truck
2121	Boiler (nonconfined space)	7173	Box wrenches
6392	Bollards, moorings, posts	474	Boxboard
7122	Bolt cutters—nonpowered	2114	Boxed packages and parcels
7251	Bolt setters—air-powered	2114	Boxes—cardboard
7251	Bolt setters—powered	2114	Boxes—corrugated
2133	Bolts of fabric	2114	Boxes—fiberboard
5211	Bones	2114	Boxes—filing
2214	Book and magazine racks	2114	Boxes—gaylord
2152	Book bags, except back packs	2114	Boxes—newsboard
799	Book matches	2114	Boxes—setup
2214	Book racks	2114	Boxes—wooden
2211	Bookcases—any composition	2114	Boxes, crates, cartons
2211	Bookcases—built-in	7633	Boxing equipment
2211	Bookcases—free-standing	2231	Boxspring mattresses
931	Books	5711	Boyfriends
939	Books, magazines, paper, n.e.c.	7112	Brace and bits
8422	Boom truck	9122	Bracelets
7639	Boomerangs	7112	Braces—bit
9114	Boots	7615	Braces—camera
3243	Bore tunneling machines	7112	Braces—joist
7111	Bores—nonpowered handtool	7112	Braces—nonpowered
711*	Boring handtools—nonpowered	7529	Braces—orthopedic
7119	Boring handtools—nonpowered, n.e.c.	7312	Braces—power not determined
7110	Boring handtools—nonpowered, unspecified	7212	Braces—powered
731*	Boring handtools—power not determined	7615	Braces—projector
7319	Boring handtools—power not determined, n.e.c.	7119	Bradawls
7310	Boring handtools—power not determined, unspecified	4212	Brads
7219	Boring handtools—powered, n.e.c.	3562	Brake presses
7210	Boring handtools—powered, unspecified	5873	Branches—unattached
352*	Boring, drilling, planing, milling machinery	5873	Branches—unattached tree or shrub
3529	Boring, drilling, planing, milling machinery, n.e.c.	2214	Bread racks
3520	Boring, drilling, planing, milling machinery, unspecified	2117	Breadpans
3525	Boring, routing, notching machines	2112	Breaker—nonpressurized barrel, drum
4911	Bottle cover	4417	Breaker boxes
347	Bottle jacks	7111	Breast augers
792	Bottle openers	345	Breast derricks
4911	Bottlecaps	7113	Breast drills
2113	Bottles	4111	Bricks and pavers
2113	Bottles—paper	411*	Bricks, blocks, structural stone
2113	Bottles, jugs, flasks	4119	Bricks, blocks, structural stone, n.e.c.
3731	Bottling machinery	4110	Bricks, blocks, structural stone, unspecified
3731	Bottling, canning, filling machinery	631	Bridges
552	Boulders	2151	Briefcases
		9119	Briefs—underwear
		3523	Broaching machines
		7121	Broad hatchets
		7121	Broadaxes
		3322	Broiling and frying equipment and appliances

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9419	Broken dishes, excluding glass	624*	Building—medical, except resident institutionalized
9412	Broken glass	6249	Building—medical, n.e.c.
1119	Bromic acid	6260	Building—office or public unspecified—except medical
139	Bromine and compounds	626*	Building—office, other public
1119	Bromoacetic acid	62*	Building—office, plant, residential
7833	Bromobenzyl cyanide	6269	Building—public or office, n.e.c.
1119	Bromous acid	625*	Building—residential
541	Bronze ore	6259	Building—residential, except institutionalized, n.e.c.
7191	Brooms—hand	6250	Building—residential, unspecified
7191	Brooms—push	6230	Building—retail, unspecified
7191	Brooms—straw	6263	Building—school, public
7191	Brooms, mops, and other cleaning tools	41*	Building materials—solid elements, unattached
5712	Brothers	4199	Building materials—solid elements, unattached, n.e.c.
5222	Broths	410	Building materials, unattached, unspecified
7612	Brownprint cloth	64*	Building systems
7612	Brownprint paper	649	Building systems, n.e.c.
586	Brush—shrubs, grasses	640	Building systems, unspecified
3123	Brush hogs	629	Building, n.e.c.
3123	Brush hogs—tractor	620	Building, unspecified
7191	Brushes—cleaning	6269	Building—public or office, n.e.c.
7199	Brushes—paint	3438	Bulk loading cranes
3422	Bucket conveyors	3212	Bulldozers
3221	Bucket loaders	2260	Bulletin boards, unspecified
8422	Bucket truck	2262	Bulletin boards—stand-alone
3221	Bucket, front-end, end, and payload loaders	2261	Bulletin boards—wall-mounted
2115	Buckets	782	Bullets
2115	Buckets—coopered wooden	7162	Bullnose planes
2115	Buckets—metal	5153	Bulls
2115	Buckets, baskets, pails	2131	Bundles
5153	Buffalo	2131	Bundles of shingles
7241	Buffers—floor	3732	Bundling machinery
7241	Buffers, polishers, waxers—powered	4222	Bungee cords
7241	Buffing machines	2231	Bunk beds
852	Buggy—horse drawn	2237	Bureaus
7939	Bugles	7262	Burning systems—powered soldering irons
622*	Building—agricultural	1123	Burnt lime
6229	Building—agricultural, n.e.c.	5899	Burrs—plant
6220	Building—agricultural, unspecified	759	Burs—dental
623*	Building—commercial or retail	8414	Bus
6239	Building—commercial or retail, n.e.c.	8414	Bus—intercity
6230	Building—commercial or retail, unspecified	8414	Bus—school
6230	Building—commercial, unspecified	8414	Bus—tour
6263	Building—government, post office	8414	Bus—transit
6261	Building—high-rise office, except government and medical	2115	Bushels
621*	Building—industrial	7125	Bushwhackers
6219	Building—industrial, n.e.c.	169	Butane
6210	Building—industrial, unspecified	1242	Butanedione
627	Building—institutionalized residential, except jails	1243	Butanone
6262	Building—low or mid-rise office, except government and medical	7125	Butcher knives
6240	Building—medical, except institutional residential, unspecified		

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3715	Butchering machinery	7615	Camera braces
7162	Butt mortise planes	7619	Camera parts
5221	Butter	7615	Camera stands
3716	Butter-making machinery	7611	Cameras—airial
1239	Butter yellow	7611	Cameras—box
1219	Butyl alcohol	7611	Cameras—candid
1299	Butyl amine	7611	Cameras—digital
1229	Butyraldehyde	7611	Cameras—folding
1119	Butyric acid	7611	Cameras—hand
		7611	Cameras—home movie
		7611	Cameras—instant
		7611	Cameras—motion-picture
		7611	Cameras—movie
		7611	Cameras—pinhole
		7611	Cameras—portrait
		7611	Cameras—reflex
		7611	Cameras—still
		7611	Cameras—still and motion picture
		7611	Cameras—television
		7611	Cameras—video
		7634	Camping equipment
		3326	Camping stoves—portable
		4911	Can lids
		7129	Can openers
		7611	Candid cameras
		5229	Candies
		799	Candles
		5229	Candy
		7521	Canes
		2116	Canisters
		2116	Canned foods
		3731	Canning machinery
		837	Canoe
		2116	Cans
		7634	Canteens
		7623	Canvas frames
		7623	Canvasses
		1119	Capric acid
		1119	Caproic acid
		1119	Caprylic acid
		9113	Caps—clothing
		4911	Caps—container
		491	Caps, lids, covers
		4919	Caps, lids, covers, n.e.c.
		4910	Caps, lids, covers, unspecified
		8429	Car—armored
		822	Car—cable
		871	Car—nonpowered
		8411	Car—patrol
		8411	Car—police
		8613	Car—racing
		8244	Car—rail
		8411	Car—squad
		8412	Car—taxicab

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8412	Cab—except pedicab
851	Cab—pedicab
2212	Cabinet and cupboard doors
2212	Cabinet doors
7161	Cabinet files
7161	Cabinet rasps
7162	Cabinet scrapers
7151	Cabinetmaker hammers
2212	Cabinets—china
2212	Cabinets—file
2212	Cabinets—kitchen
2212	Cabinets—medicine
2212	Cabinets—office
2212	Cabinets, cases—display, storage
4423	Cable accompanied by winches
822	Cable car
4418	Cables—computer
4411	Cables—electrical
4226	Cables—nonelectrical
143	Cadmium and compounds
2218	Cages, cage racks
2117	Cake pans
1319	Calcium chloride
1463	Calcium chromate
1123	Calcium hydroxide
1123	Calcium oxide
3622	Calculating machines and cash registers
799	Calculator—portable
3513	Calendering machinery, except paper production
3741	Calenders, supercalenders—paper production
7361	Calipers—dial
7362	Calipers—divider
7361	Calipers—inside
7361	Calipers—micrometer
7361	Calipers—outside
7361	Calipers—vernier
7361	Calipers—yankee
7361	Calipers, micrometers
1123	Calx
7142	Cam clamps

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8413	Car—unspecified	221*	Cases, cabinets, racks, shelves
8421	Car haulers	2219	Cases, cabinets, racks, shelves, n.e.c.
347	Car jacks	2210	Cases, cabinets, racks, shelves, unspecified
3331	Car or vehicle washing machinery	581	Cash grain crops
489	Car seats—unattached	3622	Cash registers
8413	Car, unspecified	2112	Casks
154	Carbamate herbicides	3531	Casting machinery
1119	Carbazotic acid	931	Catalogues
1214	Carbinol	6344	Catenary suspended scaffolds
1235	Carbolic acid	5159	Cats, felines—big
3592	Carbon-dioxide lasers	5151	Cats, felines—domestic
1772	Carbon bisulfide	5151	Cats, felines—feral
1319	Carbon chloride	5153	Cattle—dairy or beef
1742	Carbon dioxide	5153	Cattle and other bovines
1772	Carbon disulfide	6346	Catwalks
1741	Carbon monoxide	463	Caulking—foam
1319	Carbon tetrachloride	465	Caulking—plastic
1125	Carbonate of potash	465	Caulking—vinyl
1119	Carbonic acid	7199	Caulking guns
2236	Card tables	1125	Caustic potash
474	Cardboard	1125	Caustic soda
2114	Cardboard boxes	6129	Caves, n.e.c.
3763	Carding machinery	6120	Caves, tunnels, mines, unspecified
939	Cards—file	2212	Cedar chests
939	Cards—playing	4141	Ceiling tiles
834	Cargo ship, excluding sail-powered	6561	Ceilings
8426	Cargo van	656*	Ceilings, walls
5158	Caribous	6569	Ceilings, walls, n.e.c.
5771	Carjackers	6560	Ceilings, walls, unspecified
7155	Carpet kickers	6351	Cell phone towers
2221	Carpets, except rolls	3913	Cell phones
875	Carriage—grocery	7939	Cellos
852	Carriage—horse-drawn	7121	Celts, stone axe
891	Carriers—armored personnel	3291	Cement mixers, except trucks
8622	Carriers—container	8427	Cement truck, concrete mixer truck
8622	Carriers—industrial, powered	1121	Cement, mortar mix—dry
8622	Carriers—lumber	1122	Cement, mortar mix—wet
8622	Carriers—stacker	7363	Center finders
8622	Carriers—straddle	7153	Center punches
2153	Carry-on bags	7366	Centering rules
871	Cart—laundry	3541	Centerless grinders
7532	Cart—motorized shopping (mobility scooter)	3797	Centrifugal pumps
875	Cart—shopping	3791	Centrifuges
2114	Cartons	4142	Ceramic or stone tiles—drain, roof, multipurpose
7621	Cartridges, refills—pens and pencils	4142	Ceramic tiles
7152	Carver's mallet	5226	Cereals
7125	Carving knives	6521	Chain-link fences, panels
2154	Cases—computer	4422	Chain and belt drives
2114	Cases—food or beverage	3423	Chain conveyors
2154	Cases—laptop	7122	Chain cutters
2159	Cases—musical instrument	741	Chain ladders
2114	Cases—paper	4223	Chains, n.e.c.
2114	Cases—plastic utility	7221	Chainsaws—powered

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3481	Chair lift	7123	Chisels—nonpowered
2233	Chairs	7123	Chisels—nonpowered construction
7622	Chalk—artists'	7123	Chisels—paring
7622	Chalk—blackboard	7321	Chisels—power not determined
7622	Chalk—marking	7222	Chisels—powered
7622	Chalk crayons	7123	Chisels—socket
7623	Chalk erasers	7123	Chisels—steel
7622	Chalk lines	7123	Chisels—wood
7622	Chalk, crayons, marking devices	154	Chlorates
611	Channels	154	Chlorfenec
7622	Charcoal crayons	1119	Chloric acid
933	Charts	1319	Chlorinated lime
933	Charts—medical	131*	Chlorine and chlorine compounds
7129	Chasers—cut screw thread	1319	Chlorine compounds, n.e.c.
5223	Cheese	1310	Chlorine compounds, unspecified
10	Chemical fumes, unspecified	1311	Chlorine, chlorine bleach
18*	Chemical products—general	1119	Chloroacetic acid
1899	Chemical products, n.e.c.	7833	Chloroacetopheonone
180	Chemical products, unspecified	1119	Chlorobutyric
1*	Chemicals and chemical products	1319	Chloroethane
19	Chemicals and chemical products, n.e.c.	1319	Chloroform
10	Chemicals and chemical products, unspecified	1112	Chlorohydric acid
1799	Chemicals, n.e.c.	1119	Chloroisocyanuric acid
10	Chemicals, unspecified	1319	Chloromethane
8422	Cherry-pickers	1119	Chloropropionic acid
2237	Chest of drawers	1119	Chlorosulfonic acid
2212	Chests—cedar	1119	Chlorous acid
2212	Chests—storage, except chest of drawers	5229	Chocolate
2212	Chests—tool	1119	Chromic acid
2212	Chests—toy	1463	Chromium and compounds
2114	Chicken coops—crates	1463	Chromium trioxide
5227	Chicken, chicken products	3411	Chutes
5112	Chickens—live	99	Cigarettes
5136	Chiggers	4112	Cinder blocks
7939	Chimes	7613	Cinema projectors
2212	China cabinets	4417	Circuit boxes
4152	Chipboard	7224	Circular saws
3234	Chippers	4912	Cistern covers
7231	Chipping hammers—electric	613	Cisterns
9412	Chips, particles—glass	7142	Clamps—band
9413	Chips, particles—metal	7142	Clamps—bar
9416	Chips, particles—plastic	7142	Clamps—cam
9414	Chips, particles—wood, except splinters	4211	Clamps—coupling
9415	Chips, particles—wood splinters	7142	Clamps—edging
941*	Chips, particles, splinters	4211	Clamps—fastener
9419	Chips, particles, splinters, n.e.c.	7142	Clamps—hand
9410	Chips, particles, splinters, unspecified	7142	Clamps—pipe
7123	Chisels—bench	7142	Clamps—spreader
7123	Chisels—cold	7142	Clamps—spring
7123	Chisels—deep-mortise	7142	Clamps—toggle
7123	Chisels—dog leg	7142	Clamps—vise
7123	Chisels—dovetail	3716	Clarifiers
7123	Chisels—mortise	7939	Clarinets
		7151	Claw hammers

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553	Clay—natural and processed	5729	Co-worker or work associate, n.e.c.
4121	Clay conduits	161	Coal
4121	Clay pipes	3254	Coal bowl scrapers
1833	Cleaners—drain	3292	Coal breakers
1833	Cleaners—oven	3292	Coal crushers
1839	Cleaners—toilet	161	Coal dust
1871	Cleaners' naphtha	1231	Coal naphtha
183*	Cleaning and polishing agents, disinfectants	16*	Coal, natural gas, petroleum fuels and products
1839	Cleaning and polishing agents, n.e.c.	169	Coal, natural gas, petroleum fuels and products, n.e.c.
1830	Cleaning and polishing agents, unspecified	160	Coal, natural gas, petroleum fuels and products, unspecified
7191	Cleaning brushes	2214	Coat racks
1892	Clearing agents	3742	Coaters—paper production
7125	Cleavers	3796	Coating machinery, except paper production
641	Climate control systems	9115	Coats
799	Climbing spurs	1465	Cobalt and compounds
6242	Clinic	2236	Cocktail tables
7129	Clippers—nail	5224	Cocoa—beverage
7127	Clippers, nonpowered—grass	5229	Cocoa—chocolate
7225	Clippers, powered—hedge	7152	Cocobolo mallets
7225	Clippers, trimmers, edgers—lawn, powered	5224	Coffee
791	Clocks	3321	Coffee makers
791	Clocks—cuckoo	2236	Coffee tables
791	Clocks—grandfather	2114	Coffins
791	Clocks—office	2133	Coils of steel
791	Clocks—ship	2133	Coils of wire
791	Clocks—standing	3629	Coin-counting machinery
791	Clocks—time	1690	Coke—coal
791	Clocks—travel alarm	1649	Coke—petroleum
7612	Cloth—blueprint	9261	Cold—environmental
7612	Cloth—brownprint	7123	Cold chisels
7612	Cloth—diaz	3533	Cold forging machinery
9131	Cloth—fabric	3255	Cold planers
915	Cloth—face	182	Cologne—perfume
7612	Cloth—photographic	1212	Cologne spirit
915	Cloth—table	7621	Colored pencils
915	Cloth—wash	7367	Combination builders tools
911*	Clothes	3236	Combination log processing machinery
2214	Clothes-drying racks	5788	Combination of bodily fluids or substances of other than injured or ill person
3332	Clothes dryers	3293	Combination pile driving and extracting units
799	Clothes hangers	7162	Combination planes
2214	Clothes racks	7367	Combination squares
3333	Clothes washers	3112	Combines
911*	Clothing and shoes	3763	Combing machinery
2214	Clothing fixtures	799	Combs
9119	Clothing, n.e.c.	915	Comforters
9110	Clothing, unspecified	832	Commercial fishing boat
7632	Clubs—golf	7952	Commercial fishing equipment
7831	Clubs—weapon	832	Commercial fishing vessel
5721	Co-worker—current	8111	Commercial jet
5722	Co-worker—former		
572*	Co-worker or work associate of injured or ill worker		
5720	Co-worker or work associate of injured or ill worker, unspecified		

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623*	Commercial or retail building	618*	Confined spaces on vehicles
6239	Commercial or retail building, n.e.c.	6189	Confined spaces on vehicles, n.e.c.
5711	Common-law spouses	6180	Confined spaces on vehicles, unspecified
3253	Compactors, construction	6199	Confined spaces, n.e.c.
3292	Compactors, crushers, pulverizers—earth, mineral	610	Confined spaces, unspecified
7162	Compass planes	7123	Construction chisels
7369	Compasses—magnetic	943	Construction debris
7624	Compasses—measuring	8632	Construction tractor
3991	Compressors, air	32*	Construction, logging, and mining machinery
3991	Compressors, gas	3299	Construction, logging, and mining machinery, n.e.c.
3722	Computed tomography (CT) equipment	320	Construction, logging, and mining machinery, unspecified
4418	Computer cables	99	Contact lens
2154	Computer cases	4911	Container caps
2234	Computer desks	4911	Container caps, lids, covers
2154	Computer laptop cases	8622	Container carriers
3616	Computer mice, laptop trackpads	4911	Container covers
3611	Computer monitors	4911	Container lids
3615	Computer plotters	474	Containerboard
3615	Computer printers	211*	Containers—nonpressurized
3612	Computers—CPUs	2119	Containers—nonpressurized, n.e.c.
361*	Computers and peripheral equipment	2110	Containers—nonpressurized, unspecified
3619	Computers and peripheral equipment, n.e.c.	216	Containers—pallet
3610	Computers and peripheral equipment, unspecified	212*	Containers—pressurized
3242	Concentrators, mineral	2129	Containers—pressurized, n.e.c.
4112	Concrete blocks	2120	Containers—pressurized, unspecified
4112	Concrete blocks, cinder blocks	213*	Containers—variable restraint
4121	Concrete conduits	2139	Containers—variable restraint, n.e.c.
8427	Concrete mixer, cement truck	2130	Containers—variable restraint, unspecified
4121	Concrete or clay pipes and conduits	2*	Containers, furniture and fixtures
949	Concrete pieces	29	Containers, furniture and fixtures, n.e.c.
4121	Concrete pipes	20	Containers, furniture and fixtures, unspecified
6399	Concrete planters	219	Containers, n.e.c.
3797	Concrete pumps	210	Containers, unspecified
4114	Concrete slabs—uninstalled	3215	Continuous bucket excavators
6252	Condominium—high-rise	3241	Continuous miners
6253	Condominium—low or mid-rise	4115	Converters
799	Cones—safety	3427	Conveyors—auger
2133	Cones of yarn	3421	Conveyors—belt
2236	Conference tables	3422	Conveyors—bucket, cup
61*	Confined spaces	3423	Conveyors—chain
611	Confined spaces—ditches, channels, trenches, excavations	3422	Conveyors—cup
615	Confined spaces—manure pits	3429	Conveyors—drycleaning
619*	Confined spaces—other	3429	Conveyors—garment
616	Confined spaces—spray, paint booths	341*	Conveyors—gravity and nonpowered
617*	Confined spaces—tank, bin, vat interiors, except vehicle	3412	Conveyors—gravity or nonpowered roller
6182	Confined spaces—tanker truck interior	3419	Conveyors—gravity or nonpowered, n.e.c.
612*	Confined spaces—underground mines, caves, tunnels	3410	Conveyors—gravity or nonpowered, unspecified
613	Confined spaces—well, cisterns	3424	Conveyors—live roller
6181	Confined spaces on ships, water vessels	341*	Conveyors—nonpowered

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3425	Conveyors—pan	2223	Coverings—window
3426	Conveyors—pneumatic	5153	Cows
342*	Conveyors—powered	3612	CPUs
3429	Conveyors—powered, n.e.c.	2231	Cradles
3420	Conveyors—powered, unspecified	154	Crag herbicide
3412	Conveyors—roller, nonpowered	343*	Cranes
3424	Conveyors—roller, live	3437	Cranes—dock
3427	Conveyors—screw, auger	3433	Cranes—floating, barge mounted
3428	Conveyors—slot	3436	Cranes—gantry, overhead, monorail, container
3413	Conveyors—wheel	3437	Cranes—jib
792	Cooking and eating utensils, except knives	3437	Cranes—other fixed or stationary cranes
5221	Cooking grease	3434	Cranes—other mobile cranes
3326	Cooking ovens	3432	Cranes—rail-mounted
331*	Cooling and humidifying machinery and appliances	3435	Cranes—tower, self-erecting, portal, pillar, hammerhead
3319	Cooling and humidifying machinery and appliances, n.e.c.	3431	Cranes—truck-mounted
3310	Cooling and humidifying machinery and appliances, unspecified	3439	Cranes, n.e.c.
7126	Coping saws	3430	Cranes, unspecified
541	Copper ore	2114	Crates
1469	Copper sulfate compounds	6191	Crawl spaces
7262	Coppers—soldering	3212	Crawler dozers
1892	Copying machine fluids	7622	Crayons—chalk
7213	Cordless drills	7622	Crayons—charcoal
7111	Corkscrews	7622	Crayons—wax
5226	Corn	7622	Crayons, marking devices, chalk
581	Corn crops	3716	Cream separators
7162	Cornering tools	6722	Crevice—geographical
7939	Cornets—musical instrument	2231	Cribs
474	Corrupted fiberboard	3511	Crimping machines
7529	Corsets	5149	Crocodiles
7164	Corundum stone	581	Crops—cash grain (corn, rice, soybeans, wheat)
2152	Cosmetic pouches	582	Crops—field (cotton, potatoes, sugarcanes, tobacco)
2231	Cots—portable beds	7636	Crops—riding
755	Cots—wheeled stretchers	7126	Cross-cut saws
582	Cotton crops	7192	Crowbars
2235	Couches	4423	Crown block
156	Coumarins	953	Crushed ice
7111	Counterbores	556	Crushed stone
7153	Counterpunches—nonpowered	3191	Crushers—agricultural feed
2213	Counters—bar	3292	Crushers—earth, mineral
2213	Counters—kitchen	7521	Crutches
2213	Counters, counter tops	172	Cryogenic gases
7153	Countersinks—nonpowered	3722	CT scanning equipment
7213	Countersinks—powered	791	Cuckoo clocks
2213	Countertops	3131	Cultivators
4211	Couplings	6122	Culverts—confined
5719	Cousins	6676	Culverts—non-confined
4911	Cover—bottle or jar	3422	Cup conveyors
4912	Cover—cistern	2142	Cups—drinking
4911	Cover—container	2142	Cups—measuring
4912	Cover—manhole	6671	Curbs
2222	Coverings—wall		

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667*	Curbs, traffic calming bumps, embankments	949	Debris—rubble
6670	Curbs, traffic calming bumps, embankments, unspecified	949	Debris, scrap, waste, n.e.c.
799	Curlers	940	Debris, scrap, waste, unspecified
2223	Curtains	2113	Decanters
3570	Cutoff saws	6395	Decks, patios, porches, balconies
7122	Cutters—bolt, nonpowered	4111	Decorative paving blocks
7124	Cutters—box, nonpowered	7123	Deep mortise chisels
7122	Cutters—chain, nonpowered	5158	Deer
7129	Cutters—glass, nonpowered	5158	Deer and other cervids
7122	Cutters—lock, nonpowered	3313	Dehumidifiers
7125	Cutters—mat, nonpowered	154	Delapon
7131	Cutters—sod, nonpowered	3235	Delimiters
7122	Cutters—wire, nonpowered	8426	Delivery truck or van
712*	Cutting handtools—nonpowered	8426	Delivery van
7129	Cutting handtools—nonpowered, n.e.c.	759	Dental burs
7120	Cutting handtools—nonpowered, unspecified	6242	Dentist's office
732*	Cutting handtools—power not determined	7529	Dentures
7329	Cutting handtools—power not determined, n.e.c.	345	Derricks—except oil
7320	Cutting handtools—power not determined, unspecified	3244	Derricks—oil
722*	Cutting handtools—powered	2234	Desks
7229	Cutting handtools—powered, n.e.c.	7161	Detail files
7220	Cutting handtools—powered, unspecified	3999	Detector—metal
3592	Cutting machinery—laser	1859	Detonators
1642	Cutting oils	1892	Developers—film developing solutions
7261	Cutting torches	7619	Developing apparatus
1751	Cyanates, urethanes	1751	Di-isocyanates
1119	Cyanic acid	1299	Diacetone
173*	Cyanide and cyanide compounds	1299	Diacetone alcohol
1739	Cyanide and cyanide compounds, n.e.c.	1242	Diacetyl
1730	Cyanide and cyanide compounds, unspecified	372	Diagnostic equipment—medical
1119	Cyanoacetic	393	Diagnostic machinery—product
7633	Cycles—exercise	7361	Dial calipers
1231	Cyclohexatriene	3241	Diamond drills
3541	Cylindrical grinders	7161	Diamond files
7939	Cymbals	9122	Diamond jewelry
		3579	Diamond saws
		7612	Diazo cloth
		7612	Diazo paper
		7139	Dibbles—seed hole
		154	Dicamba
		1119	Dichloroacetic acid
		1312	Dichloromethane
		1119	Dichloropropionic acid
		1119	Dichromic acid
		3629	Dictation machines
		7629	Dies—hand seal
		4421	Dies—molds, patterns
		3293	Diesel hammers
		1299	Diethyl ether
		1299	Diethyl oxide
		1119	Difluorophosphoric acid
		7139	Diggers—post hole
		713*	Digging handtools—nonpowered
		7139	Digging handtools—nonpowered, n.e.c.

### D

7125	Daggers
3716	Dairy and milk processing machinery
5153	Dairy cattle
5223	Dairy products
631	Dams
7619	Darkroom apparatus
5712	Daughters
3235	Debarkers
3715	Deboning machinery
943	Debris—construction
9411	Debris—dirt

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7130	Digging handtools—nonpowered, unspecified	1119	Disulfurous acid
7611	Digital cameras	611	Ditches—confined
3915	Digital videorecorders	6676	Ditches—non-confined
4151	Dimensional lumber: 2x4, 2x3, etc.	153	Dithiocarbamates
1219	Dimethyl carbinol	1119	Dithionic acid
1242	Dimethyl diketone	1119	Dithionous acid
1299	Dimethyl ether	154	Diuron
1241	Dimethyl ketone	2235	Divans
1234	Dimethylbenzene	7362	Dividers—measuring handtool
1295	Dimethylene oxide	6391	Dividers—road
1293	Dimethylformamide	2216	Dividers—room
2236	Dining tables	7638	Diving masks
1296	Dinitro-o-cresol	9119	Diving suits
154	Dinitro-orthoeresol (DNOC)	3437	Dock cranes
154	Dinitro compounds	6692	Dock plates
1296	Dinitrobenzene	6692	Docks—loading
1743	Dinitrogen pentoxide	6691	Docks—boat
1743	Dinitrogen tetroxide	6242	Doctor's office
1296	Dinitrophenol (DNP)	7123	Dog leg chisels
1296	Dinitrotoluene (DNT)	5152	Dogs, canines—domestic
2115	Dinner pails	871	Dolly—nonpowered
154	Dinosam (DNAP)	3324	Domestic furnaces
154	Dinoseb (DNBP)	5711	Domestic partner
1294	Dioxane	5154	Donkeys
156	Diphacin	6511	Door frame—except garage and vehicle
1119	Diphosphoric acid	6512	Door frame—garage
1119	Diphosphorous acid	4197	Door knobs—unattached
154	Diquat	2221	Door mats
3243	Directional drilling machines	6511	Doors—except garage and vehicle
819	Dirigibles	6512	Doors—garage
8416	Dirt bike	485*	Doors—vehicle
9411	Dirt particles and dust from dirt, debris	6344	Double-point adjustable scaffolds
554	Dirt, earth	7123	Dovetail chisels
7243	Disc sanders	7363	Dovetail gauges
3131	Discs—plowing and cultivating	7125	Dowel makers
2141	Dishes	4194	Downspouts
2141	Dishes—any use or composition	7126	Dozuki saws
9419	Dishes—broken, excluding glass	3219	Draglines
2141	Dishes, bowls	1125	Drain and oven cleaners—lye-based
214*	Dishes, drinking cups, beverage glasses	1115	Drain and oven cleaners—sulfuric acid-based
2149	Dishes, drinking cups, beverage glasses, n.e.c.	1833	Drain and oven cleaners—unspecified
2140	Dishes, drinking cups, beverage glasses, unspecified	6694	Drains in floor surface
2117	Dishpans	2223	Drapes
3334	Dishwashers	7629	Drawing, art, and writing supplies, n.e.c.
1832	Disinfectants	7620	Drawing, art, and writing supplies, unspecified
799	Dispensers—soap	7125	Drawknives
2214	Display racks	3244	Drawworks—oil rig
2217	Display shelving	3219	Dredges
3992	Disposals	2237	Dresser drawers
3792	Distilling and rectifying machinery	2237	Dressers
1119	Disulfuric acid	2237	Dressers, armoires
		9112	Dresses

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4431	Drill bits—unattached	2118	Dumpsters
3521	Drill presses	551	Dust—asbestos
3241	Drilling augers	161	Dust—coal
3241	Drilling machinery—earth	9411	Dust—dirt
3521	Drilling machines—stationary	5891	Dust—grain
3241	Drilling machines, drilling augers	14*	Dust—metallic
6629	Drilling rig floor	558	Dust—silica
3244	Drilling rigs and machinery	9411	Dust—unspecified
7113	Drills—breast	9414	Dust—wood
7213	Drills—cordless	9411	Dust from dirt and dirt particles, debris
7113	Drills—hand, nonpowered	771	Dust masks
7213	Drills—hand, powered	8112	Dusters—crop (aircraft)
7113	Drills—nonpowered	7191	Dusters—feather
7213	Drills—pneumatic	3192	Dusting machinery—agricultural
7313	Drills—power not determined	2117	Dustpans
7213	Drills—powered	3915	DVD players
7113	Drills—push	3915	DVD recorders
7113	Drills—ratchet	3761	Dyeing machinery—textile
3521	Drills—stationary	3793	Dyeing machinery, except textiles
7213	Drills—variable speed	1891	Dyes, inks
2259	Drinking fountains	1851	Dynamite
7235	Drivers—point		
4422	Drives—chain, leather, fabric, vee belt		<b>E</b>
6652	Driveway—paved		
6653	Driveway—unpaved	772	Ear plugs and hearing protectors
6651	Driveway bump, depression, hole or irregularity	9122	Earrings
6650	Driveway, unspecified	923	Earthquake
3293	Drop hammers	7623	Easels
1844	Drug—vaccines	2233	Easy chairs
1843	Drugs—medicinal	792	Eating and cooking utensils, except knives
1842	Drugs—nonmedicinal	6544	Edge of roof
1849	Drugs, alcohol and medicines, n.e.c.	7131	Edger, lawns—nonpowered
1840	Drugs, alcohol and medicines, unspecified	7225	Edgers, clippers, trimmers—lawn, powered
184*	Drugs, alcohol, and medicines	7142	Edging clamps
4911	Drum lid	7619	Editing equipment—photographic
7939	Drums—musical instrument	1213	EG (ethylene glycol)
2112	Drums—nonpressurized container	2114	Egg cartons
2129	Drums—pressurized container	1759	Elastomers
4423	Drums, pulleys, sheaves	7262	Electric burn-in knives
1121	Dry cement	3462	Electric elevators
1871	Dry cleaning fluid	7242	Electric grinders
1742	Dry ice	7231	Electric hammers
1121	Dry mortar mix	7235	Electric nail guns
3429	Drycleaning conveyors	441*	Electric parts
3743	Dryers—paper production	4419	Electric parts, n.e.c.
4198	Drywall	4410	Electric parts, unspecified
7124	Drywall knives	7234	Electric riveters
5113	Ducks	7234	Electric riveting hammers
4122	Ducts	6394	Electric road sign
2153	Duffel bags	7236	Electric staple guns
3461	Dumbwaiters	7236	Electric stapling tools
8423	Dump truck	4417	Electrical boards
6174	Dumpster or trash bin interiors	4417	Electrical boxes
		4418	Electrical cords

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4417	Electrical outlets	9299	Environmental and elemental conditions, n.e.c.
4417	Electrical panels	920	Environmental and elemental conditions, unspecified
643	Electrical systems	9261	Environmental cold
4411	Electrical wire or cable	9262	Environmental heat
4411	Electrical wiring—building	9212	Environmental pressurized air
3591	Electrochemical and discharge machinery (EDM)	9260	Environmental temperature extremes, unspecified
3591	Electrochemical machinery (ECM)	1752	Epoxy resin
4419	Electrolytic apparatus	7639	Equipment—archery
7939	Electronic musical instruments, except pianos	763*	Equipment—athletic
9299	Elemental and environmental conditions, n.e.c.	7639	Equipment—athletic and recreation, n.e.c.
920	Elemental and environmental conditions, unspecified	7630	Equipment—athletic and recreation, unspecified
5159	Elephants	760	Equipment—athletic, recreational, and photographic, unspecified
823	Elevated train	769	Equipment—athletic, recreational, and photographic, unspecified
3254	Elevating scrapers	7639	Equipment—billiard
658	Elevator shafts	7633	Equipment—boxing
3462	Elevators	7634	Equipment—camping
346*	Elevators, hoists, aerial lifts, personnel platforms—except truck-mounted	7952	Equipment—commercial fishing
3469	Elevators, hoists, aerial lifts, personnel platforms—except truck-mounted, n.e.c.	7633	Equipment—exercise and gymnasium
3460	Elevators, hoists, aerial lifts, personnel platforms—except truck-mounted, unspecified	789	Equipment—firearms, law enforcement and other self-defense, n.e.c.
5158	Elk	780	Equipment—firearms, law enforcement and other self-defense, unspecified
6675	Embankments—snow, dirt or gravel	7959	Equipment—fishing, n.e.c.
6679	Embankments, n.e.c.	7950	Equipment—fishing, unspecified
949	Embers	7529	Equipment—health care and orthopedic, n.e.c.
8425	Emergency equipment haulers	7520	Equipment—health care and orthopedic, unspecified
8425	Emergency equipment truck, fire truck	752*	Equipment—healthcare and orthopedic
8411	Emergency passenger vehicle	7529	Equipment—laboratory, n.e.c.
7161	Emery boards	78*	Equipment—law enforcement
7164	Emery wheels	75*	Equipment—medical and surgical
3221	End loaders	7839	Equipment—other law enforcement and self-defense, n.e.c.
2236	End tables	7830	Equipment—other law enforcement and self-defense, unspecified
4823	Engine block—vehicle	76*	Equipment—photographic
4824	Engine fans	7619	Equipment—photographic editing
482*	Engine parts and accessories	7619	Equipment—photographic, n.e.c.
4829	Engine parts and accessories, n.e.c.	7610	Equipment—photographic, unspecified
4820	Engine parts and accessories, unspecified	7529	Equipment—physical therapy
4823	Engine, engine block, motor—vehicle	7635	Equipment—playground
7367	Engineers squares	77*	Equipment—protective, except clothing
4424	Engines, except vehicle	779	Equipment—protective, except clothing, n.e.c.
4424	Engines, turbines, except vehicle	770	Equipment—protective, except clothing, unspecified
3752	Engraving machinery	763*	Equipment—recreational
7619	Enlargers		
2239	Entertainment centers—furniture		
651*	Entrances and exits		
6510	Entrances and exits, unspecified		
6519	Entrances, n.e.c.		
92*	Environmental and elemental conditions		

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4210	Fasteners, unspecified	7243	Finishing sanders
3712	Fat extractors	9248	Fire and smoke combined
5712	Fathers	5133	Fire ants
5221	Fats, oils, cooking greases	8425	Fire apparatus
2259	Faucets	741	Fire escape ladders
3623	FAX machines	180	Fire extinguisher chemicals, unspecified
7191	Feather dusters	2127	Fire extinguishers
5212	Feathers	9243	Fire gases, smoke, n.e.c.
5782	Fecal matter of other than injured or ill person	2122	Fire hoses
5782	Feces of other than injured or ill person	7424	Fire truck ladders
3191	Feed grinders, crushers, mixers— agricultural	8425	Fire truck, other emergency equipment truck
483	Feed wagons	9241	Fire, flame
3231	Feller-bunchers	924*	Fire, flame, smoke
3231	Feller forwarders	9240	Fire, flame, smoke, unspecified
3231	Fellers	7819	Firearm, n.e.c.
7622	Felt markers	7810	Firearm, unspecified
6522	Fences—barbed-wire	781*	Firearms
6521	Fences or fence panels—chain-linked, panels	78*	Firearms, law enforcement, and other self- defense equipment
6523	Fences or fence panels—wooden	789	Firearms, law enforcement, and other self- defense equipment, n.e.c.
6520	Fences or fence panels, unspecified	780	Firearms, law enforcement, and other self- defense equipment, unspecified
652*	Fences, fence panels, gates	2112	Firkins
6529	Fences, fence panels, gates, n.e.c.	795*	Fish hooks
4191	Fencing and screening material, n.e.c.	5227	Fish, fish products
154	Fenuron	512	Fish, shellfish
153	Ferban	832	Fishing boat—commercial
3482	Ferris wheel	795*	Fishing equipment
7199	Fertilizer spreader—handheld	7952	Fishing equipment—commercial
7199	Fertilizer spreader—push	7951	Fishing equipment—recreational
3133	Fertilizer spreaders	7959	Fishing equipment, n.e.c.
151	Fertilizers, plant food, n.e.c.	7950	Fishing equipment, unspecified
2114	Fiberboard boxes	741	Fixed ladders
462	Fiberglass insulation	1892	Fixers—photographic and copying solution
462	Fibrous glass	2214	Fixtures—clothing
582	Field crops	2241	Fixtures—light
2212	File cabinets	225*	Fixtures—plumbing
933	File folders	431	Fixtures, load indicators—hoisting accessory
7161	Files—bastard	7159	Flails—hand-threshing
7161	Files—cabinet (surfacing handtools)	4152	Flake board
7161	Files—detail	9241	Flame, fire
7161	Files—diamond	9240	Flame, smoke, fire, unspecified
7161	Files—nail	1852	Flammable gas, unspecified
7161	Files—needle	7619	Flash bulbs
933	Files—office	4192	Flashing
7161	Files—round	7299	Flashlights
7161	Files—surfacing handtools	2113	Flasks
7161	Files—wood	8426	Flatbed trucks—straight trucks
2212	Filing cabinets	8421	Flatbed trucks— tractor trailer or unspecified
3715	Filleting machinery	5134	Fleas
3731	Filling machinery	5139	Flies
1892	Film developing solutions		
7619	Film reels		

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2153	Flight bags	799	Fly swatters
6344	Float ship suspended scaffolds	463	Foam caulking
838	Floating dock	463	Foam insulation
9251	Flooding	9271	Fog
925*	Flooding and other water sources	2116	Foil-fiber cans
9259	Flooding and other water sources, n.e.c.	933	Folders—file
9250	Flooding and other water sources, unspecified	2231	Folding beds
662*	Floor	7611	Folding cameras
7241	Floor buffers	2233	Folding chairs
6622	Floor bump	7422	Folding ladders
2221	Floor coverings, nonstructural	2236	Folding tables
6622	Floor depression	522*	Food
6622	Floor hole—irregularity	371*	Food and beverage processing machinery— specialized
6621	Floor hole—structural opening	3719	Food and beverage processing machinery— specialized, n.e.c.
6622	Floor irregularity	3710	Food and beverage processing machinery— specialized, unspecified
2221	Floor mats	2114	Food boxes
6629	Floor of drilling rig	2116	Food cans
6629	Floor of vehicle	1893	Food colorings and flavorings
1839	Floor stripper	1893	Food dyes
4144	Floor tiles—vinyl	522*	Food products
6629	Floor without irregularity	5220	Food products, unspecified
6629	Floor, n.e.c.	3711	Food slicers
6620	Floor, unspecified	2239	Foot rests
66*	Floor, walkway, ground surface	7366	Foot rules
6699	Floor, walkway, ground surface, n.e.c.	2212	Footlockers
660	Floor, walkway, ground surface, unspecified	3119	Forage choppers
222*	Floor, wall, and window coverings	7141	Forceps—excluding medical
2229	Floor, wall, and window coverings, n.e.c.	759	Forceps—medical instrument
2220	Floor, wall, and window coverings, unspecified	7162	Fore planes
4195	Flooring—sheet	3533	Forges
7638	Flotation devices	3533	Forging machinery
2115	Flower and fruit baskets	8621	Forklift
2117	Flowerpots	792	Forks—eating utensils
583	Flowers	489	Forks—forklift tines, unattached
3797	Fluid power pumps	7193	Forks—garden
5219	Fluids, animal	7193	Forks—hay
1119	Fluoboric acid	7193	Forks—manure
1321	Fluorine	1221	Formaldehyde
132*	Fluorine and fluorine compounds	1229	Formalin
1329	Fluorine compounds, n.e.c.	5711	Former boyfriend or girlfriend
1320	Fluorine compounds, unspecified	5722	Former co-workers
156	Fluoroacetates	5711	Former spouse
1119	Fluoroacetic acid	5724	Former work associates
1119	Fluoroboric acid	3744	Formers—paper production
1113	Fluorohydric acid gas	1119	Formic acid
3722	Fluoroscopic x-ray	1221	Formic aldehyde
1119	Fluorosulfonic acid	3232	Forwarding and yarding machinery, except feller-forwarders
1322	Fluorotrichloromethane	7621	Fountain pens
7939	Flutes—musical instrument	6399	Fountains—decorative
1799	Flux	2259	Fountains—drinking
1123	Fluxing lime		

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6511	Frame—door (except garage)	2231	Futons
6512	Frame—door (garage)		
6342	Frame scaffolds		<b>G</b>
7151	Framer hammers		
7623	Frames—canvas	2115	Gabion baskets (unassembled)
7623	Frames—picture	7639	Games—arcade
7367	Framing squares	7639	Games—video
3324	Franklin stoves	3521	Gang drills
3314	Freezers	6512	Garage doors
8429	Freight hauling and utility trucks, n.e.c.	944	Garbage
8420	Freight hauling and utility trucks, unspecified	2116	Garbage cans
8241	Freight train	3992	Garbage disposals
834	Freighter, excluding sail-powered	8424	Garbage truck
7939	French horns	7193	Garden forks
1322	Freon	7131	Garden hoes
7126	Fret saws	2122	Garden hoses
4425	Friction clutches	31*	Garden machinery
576	Friends, except boyfriend, girlfriend	7194	Garden rakes
7121	Froes	7134	Garden trowels
5871	Fronds, palm—attached to tree	3429	Garment conveyors
5873	Fronds, palm—unattached	3324	Gas and oil furnaces
3221	Front-end loaders	3991	Gas compressors
3213	Front and power shovels	4911	Gas cylinder cap
3213	Front shovels	3592	Gas lasers
7142	Front vises	3794	Gas liquefying machinery
5225	Fruits	3999	Gas meters
2117	Frying pans	2116	Gasoline cans
10	Fumes—unspecified	3797	Gasoline pumps
1750	Fumes—unspecified plastic	1641	Gasoline, diesel fuel, jet fuel
147	Fumes—welding or soldering, unspecified or n.e.c.	6524	Gates
1832	Fumigants used as disinfecting agents	6529	Gates, fences, fence panels, n.e.c.
152	Fumigants, n.e.c.	6520	Gates, unspecified
532*	Fungi	7363	Gauges
5329	Fungi, n.e.c.	7363	Gauges—dovetail
5320	Fungi, unspecified	7363	Gauges—marking
153	Fungicides	7363	Gauges—multi
5329	Fungus—except mold and mildew	7363	Gauges—profile
5321	Fungus—mold and mildew	7363	Gauges—scoring
5320	Fungus—unspecified	7152	Gavels
5213	Fur	3529	Gear-cutting machinery
1229	Furfural	7149	Gear pullers
1229	Furfuraldehyde	4426	Gears
3324	Furnaces, heaters	5114	Geese
223*	Furniture	8112	General aviation aircraft
22*	Furniture and fixtures	4412	Generators
229	Furniture and fixtures, n.e.c.	799	Geographical globes
220	Furniture and fixtures, unspecified	67*	Geographical structures
2239	Furniture, n.e.c.	679	Geographical structures, n.e.c.
2230	Furniture, unspecified	670	Geographical structures, unspecified
1229	Furrol	7113	Gimlets
4417	Fuse boxes	345	Gin pole derricks
1219	Fusel oil	5159	Giraffes
		655*	Girders—structurally attached
		6550	Girders—structurally attached, unspecified

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6551	Girders, beams, structural steel	5221	Grease—cooking
5711	Girlfriends	1642	Grease—lubricating
9412	Glass—broken	7199	Grease guns
4193	Glass blocks	3326	Grills—outdoor, indoor cooking
4193	Glass building materials	7242	Grinders—bench
9412	Glass chips or fibers	7242	Grinders—electric
7129	Glass cutters—nonpowered handtool	7242	Grinders—pneumatic
4193	Glass slabs	7242	Grinders—powered, hand
9412	Glass splinters	7242	Grinders—snagging
2113	Glass vases	7242	Grinders—waterstone
4193	Glass, nonvehicle	7242	Grinders—wet stone
2142	Glasses—beverage, drinking cups	7242	Grinders—wet/dry
2142	Glasses—drinking	3541	Grinders, abrasers
9121	Glasses—eye	354*	Grinding, polishing machinery
8131	Glider—nonpowered	3549	Grinding, polishing machinery, n.e.c.
799	Globes—geographical	3540	Grinding, polishing machinery, unspecified
9111	Gloves	714*	Gripping handtools—nonpowered
7263	Glue gun	7149	Gripping handtools—nonpowered, n.e.c.
1222	Glutaraldehyde	7140	Gripping handtools—nonpowered, unspecified
1219	Glycerol	7163	Grips—sanding
1213	Glycol	7141	Grips—vise
1213	Glycol alcohol	2111	Grocery bags
5156	Goats	875	Grocery carriage—nonpowered
777	Goggles or safety glasses	875	Grocery cart—nonpowered
9122	Gold jewelry	3614	Grocery store bar code scanners
541	Gold ore	7125	Groovers
2159	Golf bags	663*	Ground
8612	Golf cart	6631	Ground bump, depression, hole or irregularity
7632	Golf clubs	660	Ground surfaces, floors, walkways, unspecified
3481	Gondola rides—airial	6699	Ground surfaces, n.e.c.
6722	Gorge	6690	Ground surfaces, unspecified
7125	Gouges	6639	Ground, n.e.c.
6263	Government building, post office	6630	Ground, unspecified
3254	Graders, scrapers—construction	7121	Grub axes
1212	Grain alcohol	7131	Grub hoes
3427	Grain augers	6391	Guardrails, road dividers
6223	Grain bin exterior	7939	Guitars
6171	Grain bin interiors, silo	1853	Gunpowder
5891	Grain dust	7235	Gunpowder-activated nail guns
6172	Grain elevator interiors	784	Guns—air-powered, except paint and nail
5226	Grain mill products	784	Guns—BB
5226	Grains—except dust	7199	Guns—caulking
5719	Granddaughters	781*	Guns—firearms
791	Grandfather clocks	7263	Guns—glue
5719	Grandparents	7199	Guns—grease
5719	Grandsons	784	Guns—paintball
632	Grandstands	7235	Guns—powered, nail
4113	Granite slabs	7262	Guns—soldering
7619	Graphic arts and photographic plates	7292	Guns—spray painting
586	Grasses	7832	Guns—stun
4134	Grates—unattached	7196	Guns—tape
6694	Grates in floor surface		
557	Gravel		
5222	Gravy		

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9272 Gusts, turbulence, high winds  
 4194 Gutters  
 4194 Gutters, downspouts  
 345 Guy derricks  
 2153 Gym bags  
 7633 Gym mats  
 7633 Gymnasium and exercise equipment

### H

7126 Hack saw  
 7125 Hacks  
 3335 Hair dryers  
 182 Hair dyes  
 7121 Halberds  
 13\* Halogens and halogen compounds  
 139 Halogens and halogen compounds, n.e.c.  
 130 Halogens and halogen compounds,  
     unspecified  
 7231 Hammers—air  
 7151 Hammers—ball peen  
 7151 Hammers—cabinetmaker  
 7231 Hammers—chipping, electric  
 7151 Hammers—claw  
 7231 Hammers—electric  
 7234 Hammers—electric riveting  
 7151 Hammers—framer  
 7151 Hammers—meat  
 7151 Hammers—nonpowered  
 7232 Hammers—pile driving  
 7231 Hammers—power  
 7331 Hammers—power not determined  
 7231 Hammers—powered  
 7154 Hammers—sledge  
 7232 Hammers—steam  
 7151 Hammers—tack  
 7151 Hammers, except sledge—nonpowered  
 2231 Hammocks  
 3462 Hand-operated elevators  
 7191 Hand brooms  
 7611 Hand cameras  
 7142 Hand clamps  
 7113 Hand drills—nonpowered  
 7213 Hand drills, powered  
 3335 Hand dryers  
 7242 Hand grinders—powered  
 8623 Hand or riding pallet jack—motorized  
 7163 Hand sanders  
 7126 Hand saws  
 7127 Hand scissors  
 7134 Hand scoop  
 7629 Hand seal dies  
 7629 Hand seals  
 7629 Hand stamps

871 Hand truck—nonpowered  
 2152 Handbags  
 2152 Handbags, pocketbooks, wallets, tote bags  
 7834 Handcuffs  
 7811 Handgun  
 657 Handrails, banisters  
 7142 Handscrews  
 7369 Handtools—measuring, n.e.c.  
 7360 Handtools—measuring, unspecified  
 71\* Handtools—nonpowered  
 7199 Handtools—nonpowered, n.e.c.  
 710 Handtools—nonpowered, unspecified  
 73\* Handtools—power not determined  
 7399 Handtools—power not determined, n.e.c.  
 730 Handtools—power not determined,  
     unspecified  
 72\* Handtools—powered  
 7299 Handtools—powered, n.e.c.  
 720 Handtools—powered, unspecified  
 711\* Handtools, boring—nonpowered  
 7119 Handtools, boring—nonpowered, n.e.c.  
 7110 Handtools, boring—nonpowered,  
     unspecified  
 731\* Handtools, boring—power not determined  
 7319 Handtools, boring—power not determined,  
     n.e.c.  
 7310 Handtools, boring—power not determined,  
     unspecified  
 721\* Handtools, boring—powered  
 721\* Handtools, boring—powered  
 7219 Handtools, boring—powered, n.e.c.  
 7210 Handtools, boring—powered, unspecified  
 712\* Handtools, cutting—nonpowered  
 7129 Handtools, cutting—nonpowered, n.e.c.  
 7120 Handtools, cutting—nonpowered,  
     unspecified  
 732\* Handtools, cutting—power not determined  
 7329 Handtools, cutting—power not determined,  
     n.e.c.  
 7320 Handtools, cutting—power not determined,  
     unspecified  
 722\* Handtools, cutting—powered  
 7229 Handtools, cutting—powered, n.e.c.  
 7220 Handtools, cutting—powered, unspecified  
 713\* Handtools, digging—nonpowered  
 7130 Handtools, digging—nonpowered,  
     unspecified  
 7139 Handtools, digging—nonpowered, n.e.c.  
 714\* Handtools, gripping—nonpowered  
 7149 Handtools, gripping—nonpowered, n.e.c.  
 7140 Handtools, gripping—nonpowered,  
     unspecified  
 736\* Handtools, measuring  
 719\* Handtools, other—nonpowered

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7190	Handtools, other—nonpowered, unspecified	8131	Hang glider—nonpowered
739*	Handtools, other—power not determined	774	Hard hats
729*	Handtools, other—powered	7939	Harmonicas
7290	Handtools, other—powered, unspecified	775	Harnesses—protective equipment, except clothing
715*	Handtools, striking and nailing—nonpowered	7939	Harps
7159	Handtools, striking and nailing—nonpowered, n.e.c.	7939	Harpichords
7150	Handtools, striking and nailing—nonpowered, unspecified	3131	Harrows
733*	Handtools, striking and nailing—power not determined	2118	Harvest lugs
733*	Handtools, striking and nailing—power not determined	3231	Harvesters—logging
7339	Handtools, striking and nailing—power not determined, n.e.c.	3113	Harvesters, reapers—agricultural
7330	Handtools, striking and nailing—power not determined, unspecified	311*	Harvesting and threshing machinery
723*	Handtools, striking and nailing—powered	3119	Harvesting and threshing machinery, n.e.c.
7239	Handtools, striking and nailing—powered, n.e.c.	3110	Harvesting and threshing machinery, unspecified
7230	Handtools, striking and nailing—powered, unspecified	7121	Hatchets
716*	Handtools, surfacing—nonpowered	7121	Hatchets—broad
7169	Handtools, surfacing—nonpowered, n.e.c.	7121	Hatchets, axes
7160	Handtools, surfacing—nonpowered, unspecified	9113	Hats
734*	Handtools, surfacing—power not determined	8421	Haulers—car
7349	Handtools, surfacing—power not determined, n.e.c.	5111	Hawks—birds
7340	Handtools, surfacing—power not determined, unspecified	7199	Hawks (mortar holders)
724*	Handtools, surfacing—powered	7193	Hay forks
7249	Handtools, surfacing—powered, n.e.c.	3123	Hay mowers
7240	Handtools, surfacing—powered, unspecified	873	Hay wagon
717*	Handtools, turning—nonpowered	3123	Haying machines
717*	Handtools, turning—nonpowered	8425	Hazmat truck
7179	Handtools, turning—nonpowered, n.e.c.	2231	Headboards
7170	Handtools, turning—nonpowered, unspecified	489	Headlights—vehicle
735*	Handtools, turning—power not determined	3237	Heal boom loaders
7359	Handtools, turning—power not determined, n.e.c.	752*	Health care and orthopedic equipment
7350	Handtools, turning—power not determined, unspecified	7529	Health care and orthopedic equipment, n.e.c.
725*	Handtools, turning—powered	7520	Health care and orthopedic equipment, unspecified
7259	Handtools, turning—powered, n.e.c.	772	Hearing protectors and ear plugs
7250	Handtools, turning, powered, unspecified	9262	Heat—environmental
726*	Handtools, welding and heating—powered	7263	Heat guns
7269	Handtools, welding and heating—powered, n.e.c.	3324	Heaters, home furnaces
7260	Handtools, welding and heating—powered, unspecified	332*	Heating and cooking machinery and appliances
		3329	Heating and cooking machinery and appliances, n.e.c.
		3320	Heating and cooking machinery and appliances, unspecified
		1649	Heating oil
		3324	Heating units
		33*	Heating, cooling, and cleaning machinery and appliances
		339	Heating, cooling, and cleaning machinery and appliances, n.e.c.
		330	Heating, cooling, and cleaning machinery and appliances, unspecified
		8242	Heavy rail, passenger train
		7225	Hedge clippers—powered

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7127	Hedge shears, clippers—nonpowered	852	Horse drawn carriage, buggy
7127	Hedge trimmers—nonpowered	6343	Horse scaffolds
8121	Helicopter	5154	Horses and other equines
1792	Helium	2122	Hoses—except vehicle
154	Herbicides	2122	Hoses—fire
1119	Hexafluorophosphoric acid	2122	Hoses—garden
1119	Hexanoic acid	2122	Hoses—metal
1463	Hexavalent chromium	2122	Hoses—plastic
3326	Hibachis	2122	Hoses—pneumatic
5214	Hides—leather	2122	Hoses—pressurized
6252	High-rise apartment building	2122	Hoses—rubber
6252	High-rise condominium	4822	Hoses—vehicle
6261	High-rise office building, except government and medical	2122	Hoses—water
2233	High chairs	6241	Hospitals
9272	High winds, gusts, turbulence	2231	Hospital beds
849	Highway vehicle, motorized, n.e.c.	3721	Hospital monitors
840	Highway vehicle, motorized, unspecified	819	Hot-air balloons
84*	Highway vehicles, motorized	2113	Hot-water bottles
6711	Hills	3324	Hot-water heaters
4213	Hinges	5226	Hot cereals
533	HIV	5224	Hot chocolate, cocoa
7632	Hockey sticks	3533	Hot forging machinery
7131	Hoes—garden	452	Hot metals—nonstructural
7131	Hoes—grub	5222	Hot sauces
7131	Hoes—masons'	5222	Hot soups
7131	Hoes—scuffle	2251	Hot tubs
5157	Hogs	6233	Hotel
43*	Hoisting accessories	791	Hourglasses
439	Hoisting accessories, n.e.c.	6251	House
430	Hoisting accessories, unspecified	5151	House cats
346*	Hoists	3312	House fans
3464	Hoists—automobile	584	Houseplants
3465	Hoists—material	839	Hovercraft
3465	Hoists—personnel	4814	Hub caps
3441	Hoists, overhead—electric powered	859	Human- or animal- powered vehicles, n.e.c.
3442	Hoists, overhead—manual	850	Human- or animal-powered vehicles, unspecified
3443	Hoists, overhead—pneumatic powered	3313	Humidifiers, dehumidifiers, vaporizers
3460	Hoists, unspecified	893	Humvee
6631	Hole in ground	5152	Hunting dogs
7129	Hole punchers—paper	7125	Hunting knives
7162	Hollowing planes	9277	Hurricane
7611	Home movie cameras	5711	Husband
7613	Home movie projectors	6393	Hydrants
3716	Homogenizers	3462	Hydraulic elevators
3542	Honing machinery	347	Hydraulic jacks
7164	Honing stones	1296	Hydrazine
3542	Honing, polishing, lapping machinery	1119	Hydriodic acid gas
795*	Hooks—fish	1119	Hydrobromic acid
432	Hooks, shackles, magnets, clamshells— hoisting accessory	1112	Hydrochloric acid gas
6177	Hopper interiors	1119	Hydrocyanic acid
3243	Horizontal boring machine	1113	Hydrofluoric acid gas
5131	Hornets	1119	Hydrofluorosilicic acid
		1793	Hydrogen

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1119	Hydrogen bromide		
1112	Hydrogen chloride	3533	Industrial ovens, except cooking
1112	Hydrogen chloride, hydrochloric acid	8633	Industrial tractor
1731	Hydrogen cyanide	8629	Industrial vehicle, material hauling and transport—powered, n.e.c
1113	Hydrogen fluoride, hydrofluoric acid		
1119	Hydrogen iodide	8620	Industrial vehicle, material hauling and transport—powered, unspecified
172	Hydrogen neon, nitrogen, oxygen, and other liquefied gases	862*	Industrial vehicles, material hauling and transport—powered
1749	Hydrogen peroxide		
1771	Hydrogen sulfide	826	Industrial, mining rail vehicle
1232	Hydroquinone	53*	Infectious and parasitic agents
1235	Hydroxybenzene	539	Infectious and parasitic agents, n.e.c.
1119	Hypobromous acid	530	Infectious and parasitic agents, unspecified
1119	Hypochlorous acid	3531	Ingot molding machinery
7511	Hypodermic needles	7629	Ink pads
7511	Hypodermic syringes	5772	Inmate or detainee in custody
1119	Hypoiodous acid	7638	Inner tubes—recreational
1119	Hyponitrous acid	4812	Inner tubes—tire
1119	Hypophosphorous acid	155	Insecticides
1119	Hyposulfurous acid	513*	Insects, arachnids, mites
	<b>I</b>	5139	Insects, arachnids, mites, n.e.c.
		5130	Insects, arachnids, mites, unspecified
		7125	Inshavers
953	Ice—blocks, cubes, crushed	7361	Inside calipers
1899	Ice-melting salt	7611	Instant cameras
5223	Ice cream	7930	Instruments—musical, unspecified
953	Ice cubes	759	Instruments and equipment—medical and surgical, n.e.c.
3314	Ice makers		
953	Ice on freezer floor	750	Instruments and equipment—medical and surgical, unspecified
7132	Ice pick	7939	Instruments, musical—electronic, except pianos
7637	Ice skates	7939	Instruments, musical—non-electronic, except pianos
7141	Ice tongs	7939	Instruments, musical—percussion
9273	Ice, sleet, snow	462	Insulation—fiberglass
9273	Icicle	463	Insulation—foam
9122	ID badge lanyard	8414	Intercity bus
7611	Identity recorders	6344	Interior hung suspended scaffolds
5712	Immediate family members, except spouse	2119	Intermodal shipping containers
7252	Impact wrenches	3541	Internal grinders
5719	In-laws	756	Intravenous (IV) poles and machines
3993	Incinerators	1119	Iodic acid
156	Indandiones	139	Iodine and iodine compounds
879	Industrial and plant vehicles—nonpowered, n.e.c.	1119	Iodoacetic acid
870	Industrial and plant vehicles—nonpowered, unspecified	1469	Iron and compounds
2121	Industrial boilers	541	Iron ore
6210	Industrial building, unspecified	3323	Ironing appliances
621*	Industrial buildings	3323	Irons, fabric
8622	Industrial carrier—powered	7262	Irons, soldering—powered
3533	Industrial furnaces	3326	Irons, waffle
3325	Industrial kilns	3193	Irrigation machinery
869	Industrial or off-road vehicles—powered, n.e.c.	1119	Isobutyric acid
860	Industrial or off-road vehicles—powered, unspecified	1751	Isocyanates

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1119 Isocyanic acid  
 1119 Isopentoic acid  
 1219 Isopropanol  
 1219 Isopropyl alcohol  
 1299 Isopropyl amine

### J

3481 J-bar ski lift  
 7162 Jack planes  
 9115 Jackets  
 7232 Jackhammers—powered  
 347 Jacks  
 628 Jails  
 4911 Jar cover  
 2113 Jars  
 8432 Jeep  
 8111 Jet aircraft  
 3241 Jet flame drills  
 1641 Jet fuel  
 839 Jet skis  
 9122 Jewelry, ID badge lanyards  
 3437 Jib cranes  
 3521 Jig boring machines  
 7224 Jig saws  
 7199 Jigs  
 7633 Jogging machines  
 7299 Joiners—plate  
 464 Joint compound  
 7162 Jointer planes  
 7112 Joist braces  
 2113 Jugs  
 3712 Juice extractors  
 5224 Juices  
 7633 Jump ropes  
 4417 Junction boxes  
 7635 Jungle bars

### K

837 Kayak  
 2112 Kegs—coopered wooden  
 155 Kerosene insecticides  
 1641 Kerosene used as jet fuel  
 1649 Kerosene, except jet fuels  
 124\* Ketones  
 1249 Ketones, n.e.c.  
 1240 Ketones, unspecified  
 4911 Kettle lid  
 2117 Kettles—nonpressurized  
 3613 Keyboards—computer  
 7931 Keyboards—piano, organ  
 3618 Keyboards and mice combined  
 7199 Keys

7161 Keyway rasps  
 7638 Kick boards  
 2112 Kilderkins  
 1741 Kiln vapor  
 3325 Kilns  
 2212 Kitchen cabinets  
 2213 Kitchen counters  
 2214 Kitchen racks  
 7368 Kitchen scales  
 2252 Kitchen sinks  
 2236 Kitchen tables  
 792 Kitchen utensils, except knives  
 5151 Kittens  
 7155 Knee kickers  
 3762 Knitting machinery  
 7125 Knives—butcher  
 7125 Knives—carving  
 7124 Knives—drywall  
 7125 Knives—hunting  
 7125 Knives—linoleum  
 7125 Knives—marking  
 7125 Knives—palette  
 7125 Knives—pocket  
 7322 Knives—power not determined  
 7223 Knives—powered  
 7166 Knives—putty  
 7124 Knives—razors  
 7512 Knives—scalpels  
 7125 Knives—shaping  
 7125 Knives—steak  
 7512 Knives—surgical  
 7125 Knives—table  
 7125 Knives—unspecified or n.e.c.  
 7125 Knives—unspecified  
 7124 Knives—utility  
 7125 Knives—whittling  
 7125 Knives—woodcarving

### L

6243 Laboratory  
 7529 Laboratory equipment, n.e.c.  
 1861 Lacquer, shellac, varnish  
 7833 Lacrimogenic gas  
 7632 Lacrosse sticks  
 7429 Ladder assemblies—combination work stands  
 6342 Ladder jack scaffolds  
 7424 Ladder trams—aerial  
 74\* Ladders  
 741 Ladders—chain  
 7421 Ladders—extension  
 741 Ladders—fire escape  
 7424 Ladders—fire truck

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741	Ladders—fixed	7225	Lawn edgers, clippers, trimmers—powered
7422	Ladders—folding	3121	Lawn mowers—nonriding, powered
742*	Ladders—movable	3122	Lawn mowers—riding
7429	Ladders—movable, n.e.c.	144	Lead
7420	Ladders—movable, unspecified	144	Lead acetate
741	Ladders—sewer	144	Lead and compounds
741	Ladders—silo	144	Lead arsenate
7422	Ladders—step	1463	Lead chromate
7423	Ladders—straight	144	Lead dioxide
741	Ladders—swimming pool	541	Lead ore
7424	Ladders—truck mounted, aerial ladder trams	144	Lead oxide
7424	Ladders—utility truck	7621	Lead pencils
749	Ladders, n.e.c.	144	Lead salts
740	Ladders, unspecified	144	Lead soaps
6732	Lakes	7194	Leaf rakes
5156	Lambs	7191	Leaf skimmers
6353	Lamp posts	5214	Leather hides—unprocessed
2236	Lamp stands	5159	Leopards
2241	Lamps	7129	Letter openers
2241	Lamps, light fixtures	7364	Levels
7125	Lances	7364	Levels—spirit
3253	Landfill compactors	5134	Lice
7634	Lanterns—portable	4911	Lids—container
9122	Lanyards—ID	7638	Life preservers
775	Lanyards—protective equipment, except clothing	775	Lifelines—protective equipment, except clothing
3542	Lapping machinery	8621	Lift truck
3612	Laptop computer	4852	Liftgates
2154	Laptop computer case	757	Lifting harnesses
3592	Laser cutting machinery	8112	Light aircraft
7294	Laser pointers	2242	Light bulbs
3615	Laser printers	2241	Light fixtures
4197	Latches	822	Light rail
754	Latex gloves	4417	Light switches
355*	Lathes	2242	Lightbulbs
3559	Lathes, n.e.c.	799	Lighters
3550	Lathes, unspecified	2249	Lighting equipment, n.e.c.
1743	Laughing gas	2240	Lighting equipment, unspecified
914	Laundry	224*	Lighting fixtures and equipment
2111	Laundry bags	9274	Lightning
2115	Laundry baskets	5871	Limbs—attached to tree
2118	Laundry bins	5873	Limbs—unattached to tree
871	Laundry cart	1123	Lime
2119	Laundry hampers	1124	Limestone, calcium carbonate
1119	Lauric acid	8413	Limousine
78*	Law enforcement and self-defense equipment	915	Linens
7839	Law enforcement and self-defense equipment, n.e.c.	9119	Lingerie
789	Law enforcement, self-defense, and firearms equipment, n.e.c.	2133	Linoleum—rolls
780	Law enforcement, self-defense, and firearms equipment, unspecified	2221	Linoleum (except rolls)
7131	Lawn edgers—nonpowered	7125	Linoleum knives
		5159	Lions
		172	Liquefied neon
		172	Liquefied nitrogen
		172	Liquefied oxygen

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6397	Mailboxes		
3624	Mailing and metering machines	3465	Material and personnel hoists
2114	Mailing cases	8629	Material hauling and transport industrial vehicles—powered, n.e.c.
2114	Mailing crates		
2132	Mailing packages	8620	Material hauling and transport industrial vehicles—powered, unspecified
2132	Mailing parcels		
182	Make-up	3257	Material transfer machines
6232	Mall	2221	Mats—door
7152	Mallets	7633	Mats—gym
7152	Mallets—beechwood	2221	Mats—industrial floor surface covering
7152	Mallets—carver's	7132	Mattocks (combination adz and axe)
7152	Mallets—cocobolo	7634	Mattress—air
7152	Mallets—printers'	2231	Mattress—bed
7152	Mallets—rawhide	7151	Mauls
7152	Mallets—rubber	1299	MBK
515*	Mammals, except humans	154	MCPA
5159	Mammals, n.e.c.	154	MCPB
5150	Mammals, unspecified	7624	Measuring compasses
7939	Mandolins	736*	Measuring handtools
153	Maneb	7369	Measuring handtools, n.e.c.
1464	Manganese and compounds	7360	Measuring handtools, unspecified
1119	Manganic acid	3713	Meat grinders
4912	Manhole covers	7151	Meat hammers
6122	Manholes	5227	Meat products
3463	Manlifts	3715	Meat saw
6212	Manufacturing plant, factory	5227	Meat, meat products
5216	Manure—animal	5227	Meat, poultry, seafood
7193	Manure forks	3231	Mechanical harvesters—logging
1764	Manure gas	347	Mechanical jacks
615	Manure pits	3241	Mechanical miners
3133	Manure spreaders	7621	Mechanical pencils
4113	Marble slabs	75*	Medical and surgical instruments and equipment
7939	Marimbas		
2121	Marine boilers	759	Medical and surgical instruments and equipment, n.e.c.
3219	Marine dredges		
3219	Marine excavators	750	Medical and surgical instruments and equipment, unspecified
7622	Markers—felt	624*	Medical building, except resident institutionalized
7622	Markers—soft tip		
7622	Marking chalk	6249	Medical building, except resident institutionalized, n.e.c.
7622	Marking devices, chalk, crayons	6240	Medical building, except resident institutionalized, unspecified
7363	Marking gauges		
7125	Marking knives	933	Medical charts
586	Marsh plants	3721	Medical machinery and equipment, except x-ray
7638	Masks—diving		
771	Masks—dust	751*	Medical sharps instruments
182	Masks—facial cleansing	7519	Medical sharps instruments, n.e.c.
773	Masks—welding	7510	Medical sharps instruments, unspecified
7131	Masons' hoes	372*	Medical, surgical, and x-ray machinery and equipment
7125	Mat cutters		
799	Matches	3720	Medical, surgical, and x-ray machinery and equipment, unspecified
34*	Material and personnel handling machinery	3729	Medical, surgical, and x-ray machinery,
3499	Material and personnel handling machinery, n.e.c.		
340	Material and personnel handling machinery,		
			unspecified

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	n.e.c.	140	Metallic particulates, trace elements, dusts, powders, fumes, unspecified
2113	Medicine bottles	1469	Metallics and compounds, n.e.c.
2212	Medicine cabinets	1642	Metalworking fluids
1843	Medicines, except vaccines	3551	Metalworking lathes
1243	MEK	1119	Metaphosphoric acid
2118	Melting pots	7621	Meter pens
576	Member of same gang	7619	Meters—exposure
5772	Mental health patient held in correctional facility	3999	Meters—utility
574	Mental health patient, except in correctional facility	7366	Metersticks
145	Mercury and compounds	1119	Methacrylic acid
541	Mercury ore	1761	Methane gas
1299	Mesityl oxide	1214	Methanol
7634	Mess kits	1214	Methyl alcohol
1119	Metaboric acid	1221	Methyl aldehyde
945	Metal—scrap	1299	Methyl amine
451	Metal bars—nonstructural	139	Methyl bromide
6551	Metal beams—structurally attached	1319	Methyl chloride
4133	Metal beams—unattached	1299	Methyl ether
9413	Metal chips	1299	Methyl ethyl ether
1839	Metal cleaning compounds, unspecified	1243	Methyl ethyl ketone
3999	Metal detector	1329	Methyl fluoride
17*	Metal dusts	1249	Methyl isobutyl ketone
451	Metal ingots—nonstructural	1244	Methyl n-butyl ketone
45*	Metal materials—nonstructural	1249	Methyl n-propyl ketone
459	Metal materials—nonstructural, n.e.c.	1239	Methyl yellow
450	Metal materials—nonstructural, unspecified	1212	Methylated spirit
541	Metal ores—nonradiating	1233	Methylbenzene
542	Metal ores—radiating	1233	Methylbenzol
4135	Metal panels	1312	Methylene chloride
4123	Metal pipe, tubing	1221	Methylene oxide
4123	Metal pipes	1751	Methylenebis (phenyl isocyanate) MDI
4135	Metal plates, metal panels	1119	Metsilicic acid
1799	Metal plating solutions, unspecified	5155	Mice (mammals)
451	Metal sheets, ingots, bars—nonstructural	3616	Mice, computer
452	Metal slag	3243	Micro-tunneling machines
9413	Metal splinters	7361	Micrometer calipers
4219	Metal studs	7361	Micrometers
4123	Metal tubing	3911	Microphones
35*	Metal, woodworking, and special material machinery	9295	Microwave—radiation
3599	Metal, woodworking, and special material machinery, n.e.c.	3326	Microwave ovens
350	Metal, woodworking, and special material machinery, unspecified	5321	Mildew
14*	Metallic dusts	5223	Milk
54*	Metallic minerals	2113	Milk bottles, jugs
549	Metallic minerals, n.e.c.	2116	Milk cans
540	Metallic minerals, unspecified	2115	Milk pails
14*	Metallic particulates, trace elements, dusts, powders, fumes	3716	Milk processing machinery
149	Metallic particulates, trace elements, dusts, powders, fumes, n.e.c.	5223	Milk products
		2112	Milk shipping containers
		2114	Milk, juice, and ice cream cartons
		3716	Milking machines
		3523	Milling machines—metal, woodworking and special material
		3255	Milling machines—road construction

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1892	Mimeograph fluid	1121	Mortar mix—dry
1762	Mine gas	1122	Mortar mix—wet
3249	Mineral property analyzers	7123	Mortise chisels
3242	Mineral sorters, separators, concentrators	5135	Mosquitoes
1871	Mineral spirits	6233	Motel
54*	Minerals—metallic	5712	Mothers
55*	Minerals—nonmetallic, except fuel	7611	Motion picture cameras
6121	Mines, mine tunnels—underground	7619	Motion picture film
6129	Mines, n.e.c.	7614	Motion picture screen
3214	Mini excavators	8416	Motor bike
3222	Miniloaders	8417	Motor home
324*	Mining and drilling machinery	8416	Motor scooter
3249	Mining and drilling machinery, n.e.c.	841*	Motor vehicle—passenger
3240	Mining and drilling machinery, unspecified	840	Motor vehicle—unspecified
826	Mining, industrial rail vehicle	1741	Motor vehicle exhaust gas
2262	Mirrors—stand-alone	835	Motorboat
2261	Mirrors—wall-mounted	8416	Motorcycle
2260	Mirrors, unspecified	842*	Motorized freight hauling and utility trucks
39*	Miscellaneous machinery	8623	Motorized pallet jack—riding or hand
390	Miscellaneous machinery, unspecified	8416	Motorized scooter—except mobility
7199	Miter boxes	7532	Motorized scooter—mobility
7142	Miter vises	7532	Motorized shopping cart
5136	Mites	835	Motorized yacht
3191	Mixers—agricultural feed	4414	Motors—other than vehicle
3291	Mixers—cement, except truck	4823	Motors—vehicle
3714	Mixers, blenders, whippers—food and beverage	851	Mountain bike
154	Mixtures of plant foods and fertilizers with herbicides	6712	Mountains
6254	Mobile home	7939	Mouthpieces—musical instrument accessories
3913	Mobile phones, personal digital assistants, other mobile devices	742*	Movable ladders
6342	Mobile scaffolds	7429	Movable ladders, n.e.c.
7532	Mobility scooters—powered	7420	Movable ladders, unspecified
1239	Moca	7611	Movie cameras
5321	Mold, mildew	7614	Movie screens
7214	Molders—powered	6693	Moving walkways
3531	Molding machinery (except plastic)	3125	Mowers—tractor, n.e.c.
4421	Molds—dies, patterns	3123	Mowers—hay
452	Molten—hot metals, slag	3121	Mowers—nonriding
3611	Monitors—computer	3122	Mowers—riding lawn
3721	Monitors—hospital	312*	Mowing machinery
7173	Monkey wrenches	3129	Mowing machinery, n.e.c.
5159	Monkeys	3120	Mowing machinery, unspecified
1119	Monofluorophosphoric acid	3722	MRI machinery
1322	Monofluorotrichloromethane	5783	Mucus or saliva of other than injured or ill person
1759	Monomer	555	Mud
821	Monorail ride	922	Mudslide
154	Monuron	4825	Mufflers, exhaust
4224	Mooring line	5771	Muggers
6392	Moorings, posts, bollards	5154	Mules—mammal
5158	Moose	6344	Multi-level suspended scaffolds
8416	Moped	8439	Multi-purpose highway vehicle, n.e.c.
7191	Mops	8430	Multi-purpose highway vehicle, unspecified
		843*	Multi-purpose highway vehicles

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7164	Multi-stones—sharpening stones	7330	Nailing and striking handtools—power not determined, unspecified
7363	Multi gauges	7239	Nailing and striking handtools—powered, n.e.c.
6344	Multiple-point adjustable scaffolds	7230	Nailing and striking handtools—powered, unspecified
1118	Multiple acids	4212	Nails
158	Multiple agricultural and horticultural chemicals	1871	Naphtha
1128	Multiple alkalies	1871	Naphtha solvents
1718	Multiple ammonia and ammonium compounds	1871	Naphthalene
128	Multiple aromatics and hydrocarbon derivatives, except halogenated	915	Napkins—cloth
178	Multiple chemicals or chemical mixtures, n.e.c.	162	Natural gas
1838	Multiple cleaning and polishing agents	6731	Natural ponds
3618	Multiple computer and peripheral equipment	9111	Neckties
1848	Multiple drugs, alcohol, and medicines	6344	Needle beam scaffolds
9248	Multiple fire, flame, smoke	7161	Needle files
5228	Multiple foods or groceries	7161	Needle rasps
5138	Multiple insects, arachnids, mites	7511	Needles—hypodermic
2158	Multiple luggage and handbags	7942	Needles—sewing
148	Multiple metallics and metallic compounds	7511	Needles—suture
1748	Multiple oxygen and oxygen compounds	7511	Needles, syringes
1868	Multiple paint, lacquer, shellac, or varnishes	576	Neighbors
1878	Multiple solvents, degreasers	5719	Nephews
1778	Multiple sulfur and sulfur compounds	939	Newspaper, newsprint (except rolls)
218	Multiple types of containers	3529	Nibbling machines
2238	Multiple types of furniture	7621	Nibs
9278	Multiple weather and atmospheric conditions	1469	Nickel and compounds
1319	Muriate of potash	541	Nickel ore
1119	Muriatic acid	5719	Nieces
7939	Musical instrument accessories	7831	Night sticks
2159	Musical instrument cases	9119	Nightgowns
7930	Musical instrument, unspecified	9119	Nightshirts
793*	Musical instruments	7141	Nippers
7939	Musical instruments—except pianos, organs, and keyboards	1114	Nitric acid
7931	Musical instruments—pianos, organs, and keyboards	1743	Nitric oxide
<b>N</b>			
1219	N-butyl alcohol	1296	Nitro hydrocarbons, except aromatic
1219	N-propyl alcohol	1296	Nitrobenzene
153	Nabam	1296	Nitroethane
7129	Nail clippers	1791	Nitrogen
7161	Nail files	1743	Nitrogen dioxide
7235	Nail guns—air	1743	Nitrogen oxides
7235	Nail guns—electric	1743	Nitrogen trioxide
7235	Nail guns—gunpowder activated	1119	Nitrohydrochloric acid
7235	Nail guns—powered	1119	Nitrous acid
7192	Nail pullers	1743	Nitrous oxide
7339	Nailing and striking handtools—power not determined, n.e.c.	1119	Nitroxanthic acid
		1119	Nitroxyllic acid
		9291	Noise
		7939	Non-electronic musical instruments, except pianos
		1749	Non-liquid oxygen
		3482	Non-rail amusement ride
		9999	Nonclassifiable
		6394	Nonelectric road sign

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4226	Nonelectrical wiring	2234	Office desks
55*	Nonmetallic minerals, except fuel	223*	Office furniture
559	Nonmetallic minerals, except fuel, n.e.c.	2212	Office or file cabinets
550	Nonmetallic minerals, except fuel, unspecified	2216	Office partitions
871	Nonpowered platform cart	2217	Office shelving
7533	Nonpowered wheelchairs	36*	Office, and business machinery
211*	Nonpressurized containers	362*	Office, banking, and retail machinery
2118	Nonpressurized tanks	3629	Office, banking, and retail machinery, n.e.c.
541	Nonradiating metal ores	3620	Office, banking, and retail machinery, unspecified
3121	Nonriding lawn mowers	6213	Offshore oil platform
4419	Nonvehicle batteries	182	Oil—baby
4424	Nonvehicle engines	5221	Oil—cooking
4193	Nonvehicle glass	163	Oil—crude
5142	Nonvenomous snakes	1642	Oil—cutting
7638	Nose plugs	1219	Oil—fusel
3525	Notching machine	1649	Oil—heating
931	Notebooks	2116	Oil cans
794*	Notions—sewing	3253	Oil compactors
7949	Notions—sewing, n.e.c.	3244	Oil derricks
7900	Notions—sewing, unspecified	3244	Oil derricks used to support drilling machinery
423	Nozzles	2112	Oil drums
7831	Numchucks	3712	Oil extractors
627	Nursing homes	6213	Oil platform—offshore
7149	Nutcrackers	3244	Oil rigs
4212	Nuts—fasteners	6176	Oil storage tank interiors
5225	Nuts—food products	3797	Oil well pump jacks
		3797	Oil well pumps
		7164	Oilstones
		1119	Oleic acid
		7173	Open-end wrenches
		3254	Open bowl scrapers
		792	Opener—bottle
		7129	Opener—can
		7129	Opener—letter
		2236	Operating table
		3614	Optical scanners
		8621	Order picker
		153	Organic mercurials (used in seed dressing)
		7931	Organs, keyboards, pianos
		4111	Ornamental paving blocks
		1119	Orthoboric acid
		7529	Orthopedic and health care equipment, n.e.c.
		7520	Orthopedic and health care equipment, unspecified
		7529	Orthopedic braces
		1119	Orthoperiodic acid
		1119	Orthosilicic acid
		1119	Orthotelluric acid
		1744	Osmium tetroxide
		319*	Other agricultural and garden machinery
		3190	Other agricultural and garden machinery, unspecified

### O

7638	Oars, paddles
7939	Oboes
7939	Ocarinas
6734	Oceans
7939	Octophones
86*	Off-road and industrial vehicles—powered
869	Off-road or industrial vehicle—powered, n.e.c.
860	Off-road or industrial vehicle—powered, unspecified
8610	Off-road passenger vehicle, unspecified
8619	Off-road passenger vehicles—n.e.c.
861*	Off-road passenger vehicles—powered
369	Office and business machinery, n.e.c.
360	Office and business machinery, unspecified
2217	Office and store shelving
6262	Office building—low or mid-rise, except government
624*	Office building—medical
2212	Office cabinets
2233	Office chairs
791	Office clocks

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1299	Other aromatics and hydrocarbon derivatives, except halogenated, n.e.c.	650	Other structural elements, unspecified
419*	Other building materials—solid elements	639*	Other structures
4190	Other building materials—solid elements, unspecified	6390	Other structures, unspecified
189*	Other chemical products—general, n.e.c.	79*	Other tools, instruments, and equipment
170	Other chemical, unspecified	790	Other tools, instruments, and equipment, unspecified
179*	Other chemicals	9294	Other ultraviolet (UV) light
1839	Other cleaners	89*	Other vehicles
575	Other client or customer	890	Other vehicles, unspecified
329*	Other construction, logging, and mining machinery	2235	Ottomans
3290	Other construction, logging, and mining machinery, unspecified	7635	Outdoor play sets
929*	Other environmental and elemental conditions	7361	Outside calipers
3339	Other filtering and purifying machinery	1125	Oven cleaners—lye-based
669*	Other floors, walkways, ground surfaces	1833	Oven cleaners—non-lye-based
1329	Other fluorocarbons	1833	Oven cleaners—unspecified
5229	Other food products, n.e.c.	3326	Ovens—kitchen, cooking
719*	Other handtools—nonpowered	344*	Overhead hoists
7190	Other handtools—nonpowered, unspecified	3441	Overhead hoists—electric powered
739*	Other handtools—power not determined	3442	Overhead hoists—manual
729*	Other handtools—powered	3443	Overhead hoists—pneumatic powered
7290	Other handtools—powered, unspecified	3449	Overhead hoists, n.e.c.
783*	Other law enforcement and self-defense equipment	3440	Overhead hoists, unspecified
7830	Other law enforcement and self-defense equipment, unspecified	4415	Overhead power lines
399*	Other machinery	2153	Overnight bags
3990	Other machinery, unspecified	1119	Oxalic acid
349*	Other material and personnel handling machinery	1295	Oxirane
3490	Other material and personnel handling machinery, unspecified	1221	Oxomethane
359*	Other metal, woodworking, and special material machinery	9297	Oxygen-deficient environment
3590	Other metal, woodworking, and special material machinery, unspecified	174*	Oxygen and oxygen compounds
146*	Other metallics and compounds	1749	Oxygen and oxygen compounds, n.e.c.
1460	Other metallics and compounds, unspecified	1740	Oxygen and oxygen compounds, unspecified
1743	Other oxides of nitrogen	2123	Oxygen tanks and cylinders
589*	Other plants, trees, vegetation—not processed	1221	Oxymethylene
2129	Other pressurized cylinders	7141	Oyster tongs
2129	Other pressurized vats	1749	Ozone
626*	Other public and office building		
9*	Other sources	<b>P</b>	
90	Other sources, unspecified	340	Package conveyor
379*	Other special process machinery	2114	Packages—boxed
3790	Other special process machinery, unspecified	2132	Packages—except boxed
95*	Other steam, vapors, liquids, ice	2132	Packages—mailing
65*	Other structural elements	2132	Packages—paper
		2132	Packages—parcels
		3732	Packaging machinery
		373*	Packaging, bottling, wrapping machinery
		3739	Packaging, bottling, wrapping machinery, n.e.c.
		3730	Packaging, bottling, wrapping machinery, unspecified
		3732	Packaging, wrapping, bundling machinery
		2113	Packing bottles
		2116	Packing cans

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2113	Packing jugs	3744	Paper production formers
7638	Paddles, oars	374*	Paper production machinery
7199	Padlocks	3749	Paper production machinery, n.e.c.
7629	Pads—ink	3740	Paper production machinery, unspecified
7169	Pads—scouring	3746	Paper production refiners
3913	Pagers	3745	Paper production slitters
2115	Pails	3746	Paper production washers
1862	Paint	3745	Paper production winders
616	Paint booths—spray	3627	Paper shredders
7199	Paint brushes	93*	Paper, books, magazines
2116	Paint cans	939	Paper, books, magazines, n.e.c.
3795	Paint mixing machinery	930	Paper, unspecified
1872	Paint removers, thinners	474	Paperboard
7199	Paint rollers	1751	PAPI, polymeric MDI
7165	Paint scrapers	8132	Parachute
7292	Paint sprayers	7366	Parallel rules
7199	Paint sticks	154	Paraquat
1872	Paint thinner	2114	Parcels—boxed
186*	Paint, lacquer, shellac, varnish	2132	Parcels—except boxes
1869	Paint, lacquer, shellac, varnish, n.e.c.	2132	Parcels—mailing
1860	Paint, lacquer, shellac, varnish, unspecified	2132	Parcels—paper
784	Paintball guns	5712	Parents
6344	Painters' suspended scaffolds	7123	Paring chisels
3796	Painting, priming, metal coating machinery	2232	Park benches
9119	Pajamas	6673	Parking barriers—concrete
7125	Palette knives	6673	Parking blocks—concrete
216	Pallet containers	6662	Parking lot or garage—paved
8623	Pallet jack—motorized, riding or hand	6663	Parking lot or garage—unpaved
872	Pallet jack—nonpowered	6661	Parking lot or garage irregularity
8623	Pallet jack—powered	6660	Parking lot or garage, unspecified
216	Pallets	666*	Parking lots
5871	Palm fronds—attached	575	Parolees
5873	Palm fronds—unattached	4152	Particle board
3913	Palm type computers	9411	Particles—dust
1119	Palmitic acid	9412	Particles—glass
3425	Pan conveyors	9414	Particles—wood chips, saw dust
4152	Paneling, wood	9415	Particles—wood splinters
4135	Panels, metal	9413	Particles, chips—metal
2117	Pans—kitchen	9416	Particles, chips—plastic
7369	Pantographs	9419	Particles, splinters, chips, n.e.c.
7612	Paper—blueprint	9410	Particles, splinters, chips, unspecified
7612	Paper—brownprint	2216	Partitions
7612	Paper—diaz	2216	Partitions—office
7612	Paper—photographic	2216	Partitions—room
932	Paper—sheets	7619	Parts—camera
932	Paper—stacks	4*	Parts and materials
2113	Paper bottles	499	Parts and materials, n.e.c.
2114	Paper cases	40	Parts and materials, unspecified
3742	Paper coating machinery	49*	Parts and materials, unspecified
7129	Paper hole-punchers	834	Passenger liner, excluding sail-powered
2132	Paper packages	8242	Passenger train, heavy rail
2132	Paper parcels	8415	Passenger van
3746	Paper production bleachers	8419	Passenger vehicle, n.e.c.
3743	Paper production dryers	8410	Passenger vehicle, unspecified

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841*	Passenger vehicles—automobiles, buses and passenger vans	1119	Performic acid
474	Pasteboard	182	Perfumes
7622	Pastels	1119	Periodic acid
3716	Pasteurizers	182	Permanent solutions (cosmetics)
464	Patching compound	1119	Permanganic acid
6642	Path—paved	1119	Perrhenic acid
6643	Path—unpaved	56*	Person—injured or ill worker
6641	Path bump, depression, hole, or irregularity	569	Person—injured or ill worker, n.e.c.
6640	Path, unspecified	57*	Person—other than injured or ill worker
575	Patient—assisted living facility	57*	Person, other than injured or ill worker
5772	Patient—detainee in correctional facility	579	Person, other than injured or ill worker, n.e.c.
574	Patient—healthcare	570	Person, other than injured or ill worker, unspecified
574	Patient—n.e.c.	3913	Personal digital assistants
575	Patient—resident of halfway house	3465	Personnel hoists
757	Patient hoists	346*	Personnel platforms
757	Patient lift sling	3460	Personnel platforms, unspecified
2238	Patio furniture	8612	Personnel transport cart
6395	Patios, porches, balconies, decks	5*	Persons, plants, animals, and minerals
8411	Patrol car	59	Persons, plants, animals, and minerals, n.e.c.
3252	Pavers—asphalt and concrete	50	Persons, plants, animals, and minerals, unspecified
4111	Pavers—paving blocks	1119	Persulfuric acid
1644	Paving asphalt, asphaltic cement	1119	Pertechnic acid
3221	Payloader	159	Pesticides and other agricultural and horticultural chemicals, n.e.c.
1319	PCBs	15*	Pesticides and other agricultural chemicals
3913	PDA's, personal digital assistants	150	Pesticides and other agricultural chemicals, unspecified
5225	Peanut products	5229	Pet food
5225	Peanuts	1871	Petroleum ether
1125	Pearl ash	1649	Petroleum fuels, distillates, and products, n.e.c.
7199	Peavies—log handling	164*	Petroleum fuels, distillates, and products, n.e.c.
1123	Pebble lime	1640	Petroleum fuels, distillates, and products, unspecified
851	Pedal cycle	182	Petroleum jelly
6124	Pedestrian walkways—underground	163	Petroleum, crude oil
851	Pedicab	2232	Pews
7125	Peelers—potato	1231	Phene
782	Pellets—ammunition	1235	Phenol
7621	Pen and pencil cartridges—refills	1119	Phenol trinitrate
7623	Pen erasers	1231	Phenyl hydride
7623	Pencil erasers	1119	Phenylacetic acid
7621	Pencils—colored	154	Phenylacetic acids
7621	Pencils—lead	1236	Phenylethylene
7621	Pencils—mechanical	1233	Phenylmethane
7621	Pens—ball-point	1119	Phenylstearic acid
7621	Pens—fountain	7171	Phillips head screwdrivers
7621	Pens—meter	3912	Phones—desk
7621	Pens and pencils	3913	Phones—mobile
1319	Pentachlorophenol	1314	Phosgene
1219	Pentyl alcohols		
7833	Pepper spray		
1119	Peracetic acid		
1119	Perchloric acid		
1313	Perchloroethylene		
1119	Perchromic acid		
7939	Percussion—musical instruments		

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1794	Phosphine, phosphane	4124	Pipe fittings
1119	Phosphoric acid	4124	Pipe fittings, collars
1119	Phosphorous acid	7173	Pipe wrenches
3625	Photocopiers	3211	Pipelayers
1892	Photographic and copying solutions	614	Pipeline interiors—confined space
7619	Photographic and graphic arts plates	4121	Pipes—clay (nonconfined space)
1892	Photographic chemicals	4121	Pipes—concrete (nonconfined space)
7612	Photographic cloth	4123	Pipes—metal (nonconfined space)
761*	Photographic equipment	4125	Pipes—plastic (nonconfined space)
7619	Photographic equipment, n.e.c.	4125	Pipes—PVC (nonconfined space)
7610	Photographic equipment, unspecified	4125	Pipes—rubber (nonconfined space)
7619	Photographic film—motion picture	6122	Pipes—sewer (confined space)
7619	Photographic film—still camera	799	Pipes—tobacco
7619	Photographic film—X-ray	412*	Pipes, ducts, tubing
7612	Photographic paper	4129	Pipes, ducts, tubing, n.e.c.
7612	Photographic paper and cloth	4120	Pipes, ducts, tubing, unspecified
7619	Photographic tanks	7811	Pistol
76*	Photographic, athletic, and recreational equipment	2115	Pitchers
769	Photographic, athletic, and recreational equipment, n.e.c.	7193	Pitchforks, spading forks
760	Photographic, athletic, and recreational equipment, unspecified	156	Pival, pivalyn
1119	Phthalic acid	811*	Planes—airplanes
7529	Physical therapy equipment	7162	Planes—bench
7931	Pianos, organs, keyboards	7162	Planes—block
7939	Piccolos	7162	Planes—bullnose
7132	Pick axes	7162	Planes—butt mortise
3763	Picking machinery	7162	Planes—combination
3763	Picking, carding, combing machinery	7162	Planes—compass
7132	Picks—ice pick	7162	Planes—fore
7132	Picks—nonpowered handtools	7162	Planes—hollowing
8431	Pickup truck	7162	Planes—jack
2115	Picnic baskets	7162	Planes—jointer
1119	Picric acid	7162	Planes—rabbet
1119	Picronitric acid	7162	Planes—router
7623	Picture frames	7162	Planes—scraping
6691	Piers	7162	Planes—scrub
5157	Pigs—mammals	7162	Planes—smoothing
3293	Pile drivers, tamping machinery, except handheld	7162	Planes—surfacing handtools
7232	Pile driving hammers—powered handtool	7162	Planes—trimming
3299	Pile extractors	3522	Planing mills
3293	Pile hammer machinery, except handheld	879	Plant and industrial vehicle—nonpowered, n.e.c.
7113	Pin vises	870	Plant and industrial vehicle—nonpowered, unspecified
7639	Pinball machines	87*	Plant and industrial vehicles—nonpowered
7141	Pincers	5899	Plant burrs
7192	Pinch bars—large crowbars	229	Planters, stationary
7639	Ping pong tables	58*	Plants, trees, vegetation—not processed
7611	Pinhole cameras	5899	Plants, trees, vegetation—not processed, n.e.c.
7941	Pins—fabric	580	Plants, trees, vegetation, unspecified
7941	Pins—safety	9416	Plastic chips, particles
7142	Pipe clamps	3532	Plastic extruders
4124	Pipe collars	3534	Plastic injection molding machinery
		4125	Plastic pipes

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472	Plastic sheeting	5851	Poison ivy
9416	Plastic splinters	585*	Poison ivy, oak, sumac, Rhus
4125	Plastic tubing	5859	Poison ivy, oak, sumac, Rhus, n.e.c.
473	Plastic wrap	5850	Poison ivy, oak, sumac, Rhus, unspecified
4125	Plastic, PVC, or rubber pipe and tubing	5852	Poison oak
465	Plastic, vinyl caulking	5853	Poison sumac
175*	Plastics, resins	6342	Pole metal scaffolds
1759	Plastics, resins, n.e.c.	6342	Pole scaffolds
1750	Plastics, resins, unspecified	7121	Poleaxes
7299	Plate joiners	6352	Poles—utility and telephone
7619	Plates—photographic and graphic arts	6359	Poles, towers, n.e.c.
2141	Plates, dishes—any composition	6350	Poles, unspecified
4135	Plates, metal—building material	8411	Police cruiser
871	Platform cart—nonpowered	5152	Police dogs
8621	Platform truck	7241	Polishers, waxers, buffers—powered
541	Platinum ore	1839	Polishes
7635	Play sets—outdoor	7241	Polishing heads
7635	Playground equipment	3542	Polishing machinery
7122	Pliers—cutting	5899	Pollen
7141	Pliers, tongs	1119	Polyacrylic acid
3131	Plowing and cultivating machinery	1319	Polychlorinated biphenyls (PCBs)
313*	Plowing, planting, and fertilizing machinery	1319	Polychlorinates
3139	Plowing, planting, and fertilizing machinery, n.e.c.	1759	Polymer
3130	Plowing, planting, and fertilizing machinery, unspecified	1751	Polymeric MDI
3131	Plows—agricultural	1119	Polymethacrylic acid
8429	Plows—snow	1759	Polypropylene
7365	Plumb bobs	1759	Polystyrene
225*	Plumbing fixtures	1751	Polyurethane
2259	Plumbing fixtures, n.e.c.	1759	Polyvinyl acetate
2250	Plumbing fixtures, unspecified	1759	Polyvinyl chloride
7311	Plumbing snakes—power not determined	633	Ponds—man-made
7211	Plumbing snakes—powered	6731	Ponds—natural
7111	Plumbing snakes, augers—nonpowered	5154	Ponies
642	Plumbing systems	633	Pools—swimming
7365	Plumbs, plumb bobs	9296	Poor indoor air quality
7191	Plungers	9276	Poor outdoor air quality
5421	Plutonium	6395	Porches, balconies, decks, patios
4152	Plywood, wood paneling—particle, chip, and flake board	5227	Pork, pork products
3426	Pneumatic conveyors	2114	Portable coolers
7213	Pneumatic drills	7634	Portable lanterns
7242	Pneumatic grinders	2117	Portable planters
2122	Pneumatic hoses	2151	Portfolios
347	Pneumatic jacks	7611	Portrait cameras
7234	Pneumatic riveters	562	Position of injured, or ill worker
3253	Pneumatic rollers and compactors	7139	Post hole diggers
7236	Pneumatic stapling tools	6263	Post office, government building
7125	Pocket knives	2118	Postal containers, lugs
7366	Pocket rules	8426	Postal delivery truck
2152	Pocketbooks	474	Posterboard
229	Podiums	6392	Posts—bollards, moorings
7235	Point drivers	6353	Posts—lamp
		139	Potassium bromide
		1125	Potassium carbonate
		1319	Potassium chloride

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1125	Potassium hydroxide	2129	Pressure housings
1749	Potassium peroxide	2124	Pressure lines, except hoses
582	Potato crops	2121	Pressure stills
7125	Potato peelers	7293	Pressure washers
3324	Potbellied stoves	9213	Pressurized air—blast
6641	Potholes (in sidewalk)	9212	Pressurized air—environmental
6651	Potholes (in street)	212*	Pressurized containers
2117	Pots	2126	Pressurized kegs
795*	Pots—crab and lobster fishing	2123	Pressurized oxygen tanks and cylinders
2117	Pots—kitchen	2125	Pressurized propane tanks and cylinders
2117	Pots for plants	9254	Pressurized water—blast
2117	Pots, pans, trays	5159	Primates
1799	Potting compound hardener	3615	Printers and plotters—computer
2152	Pouches, cosmetic	7152	Printers' mallets
511*	Poultry—live	375*	Printing machinery and equipment
5227	Poultry, poultry products	3759	Printing machinery and equipment, n.e.c.
2121	Power boilers	3750	Printing machinery and equipment, unspecified
4418	Power cords	3753	Printing presses
4418	Power cords, electrical cords, extension cords	628	Prisons
7231	Power hammers	392	Product assembly machinery, n.e.c.
4415	Power lines	3733	Product labeling machinery
4415	Power lines, transformers, convertors	393	Product testing, inspecting, and diagnostic machinery, n.e.c.
4417	Power panels	7363	Profile gauges
3213	Power shovels	7615	Projector braces
8634	Power take-off (PTO)	7613	Projectors—cinema
7293	Power washers	7613	Projectors—home movie
8622	Powered industrial carriers	7613	Projectors—slide
862*	Powered industrial vehicles	7613	Projectors—still and motion picture
7532	Powered mobility scooters	5156	Pronghorn antelopes
7234	Powered riveters	1643	Propane
7254	Powered tongs—except oil rig	2125	Propane tanks, cylinders
3244	Powered tongs—oil rig	7261	Propane torches
7531	Powered wheelchairs	1219	Propanol
4415	Powerlines—overhead or underground	1241	Propanone
659	Prefabricated building materials	1229	Propenol
6254	Prefabricated home	1219	Propenyl alcohol
4114	Preformed sidewalk slabs	1229	Propionaldehyde
3323	Pressers—fabric	1119	Propionic acid
3561	Presses—assembly	1299	Propyl acetone
3562	Presses—brake	1219	Propyl alcohol
3753	Presses—printing	1299	Propyl amine
3563	Presses—punch	1219	Propylene glycol
356*	Presses, except printing	7529	Prosthetic devices
3569	Presses, except printing, n.e.c.	77*	Protective equipment, except clothing
3560	Presses, except printing, unspecified	779	Protective equipment, except clothing, n.e.c.
9210	Pressure—air, unspecified	770	Protective equipment, except clothing, unspecified
9211	Pressure—atmospheric, high or low	7624	Protractors
3329	Pressure-cooking equipment	7127	Pruning shears
9253	Pressure—water, high or low	7192	Prying bars
3593	Pressure fluid cutting machinery	6269	Public or office building, n.e.c.
3322	Pressure fryers	6260	Public or office building, unspecified
2129	Pressure gas tanks		
2122	Pressure hoses		

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7631	Pucks—hockey	2214	Racks
7192	Pullers—nail	2214	Racks—bike
7149	Pullers—wheel, gear, bearing	2214	Racks—book
4423	Pulleys	2214	Racks—bread
949	Pulp	2214	Racks—clothes-drying
3292	Pulverizers—earth, mineral	2214	Racks—coat
7164	Pumice stone	2214	Racks—display
3991	Pump—air compressor	2214	Racks—garment and other
6342	Pump jack scaffolds	2214	Racks—kitchen
3797	Pump jacks	2214	Racks—magazine
3991	Pumps—air compressor	2214	Racks—mail-sorting
3797	Pumps, except air compressor	2214	Racks—tool
3797	Pumps—centrifugal	3571	Radial arm saws
3797	Pumps—concrete	3521	Radial drills
3797	Pumps—fluid power	542*	Radiating metals, natural and processed
3797	Pumps—gasoline	5429	Radiating metals, natural and processed, n.e.c.
3797	Pumps—oil well	5420	Radiating metals, natural and processed, unspecified
3563	Punch presses	1211	Radiator coolant
7153	Punches—belt	1211	Radiator fluid
7153	Punches—center	3324	Radiators—heaters
7153	Punches—nonpowered	4826	Radiators—vehicle
7332	Punches—power not determined	3722	Radiographic x-ray
7233	Punches—powered	3911	Radios
2152	Purses	5422	Radium
7296	Push-pull rams—powered	838	Raft
3254	Push-pull scrapers	7191	Rags
7191	Push brooms	825	Rail-mounted construction, cleaning, maintenance machine
7113	Push drills	8244	Rail car—unattached to locomotive
3129	Push mowers—nonpowered	8249	Rail car, n.e.c.
7125	Pushknives	8240	Rail car, unspecified
7166	Putty knives	829	Rail vehicle, n.e.c
4125	PVC pipes	820	Rail vehicle, unspecified
4125	PVC tubing	82*	Rail vehicles
155	Pyrethrum	826	Rail vehicles—industrial or mining
1241	Pyroacetic ether	3432	Railroad cranes
1229	Pyromucic aldehyde	6396	Railroad tracks
1854	Pyrotechnics, fireworks	4136	Rails—unattached metal
<b>Q</b>			
636	Quarries, excavations, strip mines—except confined spaces	9275	Rain
1123	Quick lime	9278	Rain and fog combined
7621	Quills	671*	Raised natural structures, hills, mountains
1232	Quinol	6719	Raised natural structures, hills, mountains, n.e.c.
<b>R</b>			
7162	Rabbit planes	6710	Raised natural structures, hills, mountains, unspecified
5159	Rabbits	7194	Rakes
5159	Raccoons	7194	Rakes—garden
8613	Racecar	7194	Rakes—leaf
7632	Rackets	7194	Rakes—swimming pool
7632	Rackets—tennis	7191	Ram rods—cleaning
		6692	Ramps
		3326	Ranges—kitchen, cooking

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3326	Ranges, cooking ovens, grills, toasters, food warmers	7636	Reins
7161	Rasps—cabinet	571*	Relative or domestic partner of injured or ill worker
7161	Rasps—keyway	5719	Relative or domestic partner of injured or ill worker, n.e.c.
7161	Rasps—needle	5710	Relative or domestic partner of injured or ill worker, unspecified
7249	Rasps—rotary	4416	Relays, rheostats, starters, controls
7161	Rasps—round	1872	Remover—paint
7161	Rasps—sculptor's	514*	Reptiles
7113	Ratchet drills	5149	Reptiles, n.e.c
7172	Ratchet drivers	5140	Reptiles, unspecified
5155	Rats	625*	Residential building
7152	Rawhide mallets	6259	Residential building, except institutionalized n.e.c.
7124	Razor blades	6250	Residential building, unspecified
7124	Razor knives	575	Residents of assisted living facility
7229	Razors—electric	5772	Residents of correctional facility, inmate
7113	Reamers	575	Residents of halfway house or assisted living facility
3524	Reaming machines	1752	Resins
3113	Reapers	776	Respirators
4132	Rebar	6231	Restaurant
672*	Recessed natural structures, valleys	1741	Results of incomplete combustion of fuels
6729	Recessed natural structures, valleys n.e.c.	6239	Retail or commercial building, n.e.c.
6720	Recessed natural structures, valleys, unspecified	6232	Retail store
2233	Recliners	759	Retractors
763*	Recreation and athletic equipment	7811	Revolver
7639	Recreation and athletic equipment, n.e.c.	1119	Rhenic acid
7630	Recreation and athletic equipment, unspecified	4416	Rheostats
7951	Recreational fishing equipment	581	Rice crops
7638	Recreational inner tubes	7636	Riding goods and equipment
8417	Recreational vehicles (RVs)	3122	Riding lawn mowers
769	Recreational, photographic, and athletic equipment, n.e.c.	8623	Riding or hand pallet jack—motorized
760	Recreational, photographic, and athletic equipment, unspecified	7161	Rifflers
3599	Recycling densifier	7812	Rifles
8424	Recycling truck	3244	Rigs—oil
1114	Red fuming nitric acid (RFNA)	8421	Rigs—tractor trailer
7939	Reeds—musical instruments	9122	Rings (jewelry)
586	Reeds—shrubs, grasses	6733	Rivers
2133	Reels of metal banding, wire	7234	Riveters—electric
2133	Reels of steel wool	7234	Riveters—pneumatic
2133	Reels, rolls, spools, coils, cones	7234	Riveters—powered
7621	Refill cartridges—pens and pencils	4214	Rivets
3746	Refiners, paper production	6652	Road—paved
7611	Reflex cameras	6653	Road—unpaved
1322	Refrigerant 11	851	Road bicycle
3314	Refrigerated lockers	6651	Road bump, depression, hole or irregularity
3314	Refrigerators	6391	Road dividers, guardrails
3314	Refrigerators, freezers, ice makers	325*	Road grading and surfacing machinery
8424	Refuse truck	3259	Road grading and surfacing machinery, n.e.c.
3324	Registers—furnace	3250	Road grading and surfacing machinery, unspecified
5158	Reindeer		
4132	Reinforcing bar		

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3258	Road linemarking and striping machinery	155	Rotenone
3255	Road profilers	3131	Roto tillers
3256	Road reclaimers	9252	Rough seas
3256	Road recyclers	7161	Round files
3256	Road recyclers, road reclaimers	7161	Round rasps
1899	Road salt	7162	Router planes
6394	Road sign—electric or nonelectric	7214	Routers and molders—powered
6650	Road, unspecified	3525	Routing machine
5215	Roadkill	837	Rowboat
3326	Roasters	6251	Rowhouse
5771	Robber, except co-worker, former co-worker	7633	Rowing machines
3729	Robotic surgical equipment	3532	Rubber extruders
392	Robots—assembly line machinery	7152	Rubber mallets
3241	Rock drills	4125	Rubber pipes
1899	Rock salt	7629	Rubber stamps
2233	Rocking chairs	4125	Rubber tubing
556	Rocks	1219	Rubbing alcohol
156	Rodenticides	943	Rubble—construction
5155	Rodents	949	Rubble—except construction
2234	Roll-top desks	7366	Rulers
821	Roller coaster	7366	Rulers, tape measures
3412	Roller conveyors	7366	Rules—bench
7639	Roller skates, roller blades	7366	Rules—centering
4427	Rollers—machine and appliance parts	7366	Rules—foot
7199	Rollers—paint	7366	Rules—parallel
3253	Rollers, compactors—construction	7366	Rules—pocket
3513	Rolling mills, rolling, calendering machinery	7366	Rules—shop
792	Rolling pins	7366	Rules—steel
2133	Rolls of carpet	6695	Runways—airport
2133	Rolls of fabric	8417	RV
2133	Rolls of paper	7126	Ryoba saws
2133	Rolls of roofing paper		
6544	Roof edges		<b>S</b>
6542	Roof openings—existing, other than skylights	2111	Sacks
4143	Roof shingles, except tile	7636	Saddlery
6543	Roof surface, except roof edge	7636	Saddles
6552	Roof trusses, joists	2212	Safes
461	Roofing asphalt	775	Safety belts—protective equipment, except clothing
471	Roofing felt	799	Safety cones
471	Roofing paper, roofing felt	777	Safety glasses or goggles
461	Roofing tar	7199	Safety guides
654*	Roofs	775	Safety harnesses
6549	Roofs, n.e.c.	7941	Safety pins
6540	Roofs, unspecified	9114	Safety shoes
2216	Room partitions	836	Sail-based yacht
576	Roommate	7638	Sailboards
5112	Roosters	836	Sailboat
4224	Rope, twine, string	873	Sales wagon
422*	Ropes, ties, chains	1119	Salicylic acid
4229	Ropes, ties, chains, n.e.c.	5783	Saliva or mucus of other than injured or ill person
4220	Ropes, ties, chains, unspecified	1899	Salt
7249	Rotary rasps		

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557	Sand	6344	Scaffolds—multiple-point adjustable
7243	Sand belts	6344	Scaffolds—needle beam
9114	Sandals	6344	Scaffolds—painters' suspended
7244	Sandblasters—powered	6342	Scaffolds—pole
7635	Sandboxes	6342	Scaffolds—pole metal
7243	Sanders—belt	6342	Scaffolds—pump jack
7243	Sanders—disc	6342	Scaffolds—self-supporting staging
7243	Sanders—finishing	6343	Scaffolds—staging supported by structure or other means
7163	Sanders—hand	6349	Scaffolds—staging, n.e.c.
7163	Sanders—nonpowered	6340	Scaffolds—staging, unspecified
7341	Sanders—power not determined	6344	Scaffolds—suspended staging
7243	Sanders—powered	6344	Scaffolds—suspension
7163	Sanding grips	6342	Scaffolds—tube and couple
7163	Sanding sticks	634*	Scaffolds, staging
7163	Sandpaper	7368	Scales
2152	Satchels, shoulder—except mail	7368	Scales—bathroom
2156	Satchels, shoulder—mail	7368	Scales—kitchen
6359	Satellite dishes	7512	Scalpels
5222	Sauces	9111	Scarves
7126	Saw—hack	6262	School building—private
4432	Saw blades—unattached	6263	School building—public
6343	Saw horse supported work platforms	8414	School bus
2232	Saw horses	2234	School desks
9414	Sawdust	7127	School scissors
357*	Sawing machinery—stationary	347	Scissor jacks
3579	Sawing machinery—stationary, n.e.c.	3467	Scissor lifts—nontruck-mounted
3570	Sawing machinery—stationary, unspecified	7127	Scissors—barber's
7126	Saws—bow	7127	Scissors—hand
7224	Saws—circular	7127	Scissors—school
7126	Saws—coping	7127	Scissors—tailor's
7126	Saws—cross-cut	7127	Scissors, snips, shears—nonpowered
7126	Saws—fret	7134	Scoop—hand
7126	Saws—hand	8416	Scoters—motor, except mobility
7224	Saws—jig	7532	Scoters—powered mobility
3715	Saws—meat	7363	Scoring gauges
7126	Saws—nonpowered	5132	Scorpions
7323	Saws—power not determined	7169	Scouring pads
7224	Saws—powered, except chainsaws	1839	Scouring powders
7126	Saws—ryoba	945	Scrap metal
7126	Saws—scroll	94*	Scrap, waste, debris
7126	Saws—turning	949	Scrap, waste, debris, n.e.c.
7126	Saws—veneer	940	Scrap, waste, debris, unspecified
7939	Saxophones	7162	Scrapers—cabinet
5136	Scabies	3254	Scrapers—construction
6344	Scaffolds—catenary suspended	7125	Scrapers—lathes
6344	Scaffolds—double-point adjustable	7165	Scrapers—nonpowered
6344	Scaffolds—float ship suspended	7165	Scrapers—paint
6342	Scaffolds—frames	7162	Scraping planes
6343	Scaffolds—horse	7614	Screens—movie
6341	Scaffolds—improvised staging	7614	Screens—still and motion picture
6344	Scaffolds—interior hung suspended	7629	Screens—textile printing
6342	Scaffolds—ladder jack	7171	Screwdrivers—nonpowered
6342	Scaffolds—mobile	7171	Screwdrivers—phillips head
6344	Scaffolds—multi-level suspended		

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7351	Screwdrivers—power not determined	5156	Sheep, goats, and other caprids
7253	Screwdrivers—powered	4195	Sheet flooring
7171	Screwdrivers—straight tip	4193	Sheet glass
4215	Screws	4137	Sheet metal
7142	Screws—bench	4198	Sheetrock
7126	Scroll saws	915	Sheets
7162	Scrub planes	5227	Shellfish—food product
7291	Scrubbers—powered	512	Shellfish—live
7638	Scuba diving equipment	5211	Shells
7131	Scuffle hoes	2217	Shelves
7161	Sculptor's rasps	2217	Shelves, shelving
7125	Scythes	2217	Shelving, display
5227	Seafood	2217	Shelving, office
466	Sealants, waterproofers, n.e.c.	2217	Shelving, store
3734	Sealing, stapling machinery	7623	Shields
7629	Seals—hand	4143	Shingles—wood
1119	Sebacic acid	791	Ship clocks
1219	Secondary propyl alcohol	834	Ship, excluding sail-powered
644	Security systems	2114	Shipping crates
3132	Seed planting machinery	2112	Shipping drums
8619	Segway	2114	Shipping hampers
1119	Selenic acid	9112	Shirts
789	Self-defense, firearms and law enforcement equipment, n.e.c.	9114	Shoes
780	Self-defense, firearms and law enforcement equipment, unspecified	2232	Shop benches
8421	Semi truck	7366	Shop rules
6173	Septic tank or water tank interiors	5771	Shoplifters
2118	Septic tanks—nonconfined space	875	Shopping cart—nonpowered
2117	Serving trays	7532	Shopping cart—powered mobility scooter
942	Sewage	2115	Shopping hand baskets
6122	Sewer	7812	Shotgun
1763	Sewer gas	782	Shots—ammunition
741	Sewer ladders	9413	Shots—steel, non-ammunition
176*	Sewer, mine, and similar gases	2152	Shoulder bags—except mail
1769	Sewer, mine, and similar gases, n.e.c.	2156	Shoulder satchels—mail
1760	Sewer, mine, and similar gases, unspecified	7133	Shovels
6122	Sewer pipe	7133	Shovels—snow
7942	Sewing needles	2212	Showcases
794*	Sewing notions	2251	Showers
7949	Sewing notions, n.e.c.	782	Shrapnel—explosives and bullets
7940	Sewing notions, unspecified	9413	Shrapnel—other than explosives or bullets
3764	Sewing, stitching machinery	35*	Shredders—other special material
7369	Sextants	3627	Shredders—paper
7125	Shaping knives	3234	Shredders—wood chippers
7164	Sharpening stones and wheels—nonpowered	586	Shrubs
7519	Sharps—medical instruments, n.e.c.	3257	Shuttle buggies
7510	Sharps—medical instruments, unspecified	3124	Sickle bars—tractor
7162	Shavehooks	7125	Sickles
3512	Shearing machines	6642	Sidewalk—paved
7127	Shears—nonpowered hedge	6643	Sidewalk—unpaved
7127	Shears—nonpowered pruning	6641	Sidewalk bump, depression, hole or irregularity
7229	Shears—powered	6643	Sidewalk, path, outdoor walkway—unpaved
5156	Sheep	664*	Sidewalks, paths, outdoor walkways
		6640	Sidewalks, paths, outdoor walkways,

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	unspecified	7613	Slide projectors
4196	Siding—aluminum, vinyl	7635	Sliding boards
558	Silica	433	Slings—hoisting accessory
1752	Silicone resin	9114	Slippers
6222	Silo exterior	7164	Slipstones
741	Silo ladders	3745	Slitters—paper production
6171	Silo, grain bin interiors	2115	Slop pails
541	Silver ore	3428	Slot conveyors
154	Silvex	7639	Slot machines
154	Simazine	3913	Smartphones
6344	Single-point adjustable scaffolds	3533	Smelters
2252	Sinks	9276	Smog
5712	Sisters	9242	Smoke—tobacco
7366	Size sticks	9248	Smoke and flame
7639	Skateboards	9243	Smoke, fire gases, n.e.c.
7637	Skates—hockey	9240	Smoke, fire, flames, unspecified
7637	Skates—ice	7162	Smoothing planes
7639	Skates—inline	5229	Snack foods
7639	Skates—roller	7242	Snagging grinders
792	Skewers	5142	Snakes—nonvenomous
7637	Ski and snow sporting equipment	5141	Snakes—venomous
3481	Ski lifts, aerial gondola rides	7127	Snips—tin
348*	Ski lifts, non-rail amusement rides	7638	Snorkels
3489	Ski lifts, non-rail amusement rides, n.e.c.	7637	Snow and ski equipment
3480	Ski lifts, non-rail amusement rides, unspecified	3994	Snow blowers
7637	Ski poles	8429	Snow plows
3481	Ski tow	7133	Snow shovels
8621	Skid steer forklifts	7637	Snow skis
3222	Skid steer loaders	7637	Snow sports equipment
3222	Skid steer loaders, mini loaders	9273	Snow, ice, sleet
3233	Skidders—cable and grapple	3994	Snowblowers
3233	Skidders—logging	7637	Snowboards
216	Skids	8614	Snowmobile
216	Skids, pallets	799	Soap dispensers
2117	Skillets	1834	Soap products—except cosmetic
7191	Skimmers—leaf	182	Soaps—cosmetic
7638	Skin diving equipment	7123	Socket chisels
3715	Skinning machinery	7123	Socket slicks
9112	Skirts	7173	Socket wrenches
7637	Skis—snow	7131	Sod cutters
7638	Skis—water	1129	Soda ash
6541	Skylights	1125	Sodium and potassium hydroxide, potassium carbonate
6261	Skyscraper, high rise—except government	1129	Sodium bicarbonate
452	Slag	1129	Sodium carbonate
1123	Slaked lime	1319	Sodium chloride
3235	Slashers	156	Sodium fluoroacetate
5152	Sled dogs	1125	Sodium hydroxide
7154	Sledge hammers	1749	Sodium peroxide
7154	Sledges	2235	Sofa beds
7637	Sleds	2235	Sofas
7634	Sleeping bags	7622	Soft tip markers
9273	Sleet, snow, ice	3324	Solar heaters
7123	Slicks	7262	Soldering coppers

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7262	Soldering guns	7142	Spreader clamps
7262	Soldering irons—powered	7295	Spreaders—powered
7262	Soldering tiptets	3133	Spreading machinery—agricultural
7262	Soldering tips	7142	Spring clamps
7262	Soldering tools	3199	Sprinklers
187*	Solvents, degreasers	7134	Spuds—combination trowel and chisel
1879	Solvents, degreasers, n.e.c.	799	Spurs—climbing
1870	Solvents, degreasers, unspecified	5783	Sputum of other than injured or ill person
5712	Sons	8411	Squad car
5222	Soups, sauces, gravies	7367	Squares
99	Source, n.e.c.	7367	Squares—combination
581	Soybean crops	7367	Squares—engineers
3324	Space heaters	7367	Squares—framing
819	Spacecraft	7367	Squares—speed
7133	Spades	7367	Squares—T
7193	Spading forks, pitchforks	7367	Squares—Try
7173	Spanners	156	Squill and derivatives
7173	Spark-plug wrenches	5155	Squirrels
792	Spatulas	8622	Stacker carriers
3911	Speakers	3493	Stacking machinery
7125	Spears	632	Stadia
37*	Special process machinery	7159	Staffs (striking and nailing handtools, non-powered)
3799	Special process machinery, n.e.c.	6342	Staging—wood trestle
370	Special process machinery, unspecified	755	Stair chairs
759	Speculums	6611	Stairs, steps—indoors
6672	Speed bumps	6612	Stairs, steps—outdoors
6672	Speed humps	661*	Stairs, steps, escalators
7367	Speed squares	6610	Stairs, steps, unspecified
5132	Spiders	7629	Stamps—hand
4216	Spikes	7629	Stamps—rubber
3482	Spinning amusement ride	2262	Stand-alone fixtures
3765	Spinning machinery	791	Standing clocks
7364	Spirit levels	7615	Stands—camera
1212	Spirit of wine	7939	Stands—music
531	Spirochetes	7236	Staple guns—electric
9412	Splinters—glass	7236	Staple guns—gunpowder activated
9413	Splinters—metal	7195	Staple guns—nonpowered
9419	Splinters—n.e.c.	7236	Staple guns—pneumatic
9416	Splinters—plastic	7199	Staple removers
9410	Splinters—unspecified	7195	Staplers—nonpowered
9415	Splinters—wood	7391	Staplers—power not determined
7162	Spokeshaves	4217	Staples
7191	Sponges	3734	Stapling machinery
2133	Spools	7236	Stapling tools—electric or pneumatic
2133	Spools of wire	7195	Stapling tools—nonpowered
792	Spoons	4416	Starters—electric
8432	Sports utility vehicle	3521	Stationary drills
5711	Spouse	3912	Stationary telephones and communication equipment
5711	Spouses—estranged	7159	Staves
616	Spray paint booths	7125	Steak knives
7292	Sprayers—paint	7232	Steam hammers
7292	Sprayers, air guns—paint	3254	Steam rollers
3192	Spraying and dusting machinery—agricultural		

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951	Steam, vapors—nonchemical	6353	Street lights
959	Steam, vapors, liquids, ice, n.e.c.	894	Street sweeping and cleaning machinery
950	Steam, vapors, liquids, ice, unspecified	665*	Street, road, driveway
3327	Steaming equipment	6650	Street, road, driveway unspecified
3327	Steaming equipment and appliances	822	Streetcar
1119	Stearic acid	755	Stretchers
7191	Steel brushes	715*	Striking and nailing handtools— nonpowered
755	Steel chair—patient transporting device	7159	Striking and nailing handtools— nonpowered, n.e.c.
4139	Steel channel	7150	Striking and nailing handtools— nonpowered, unspecified
7123	Steel chisels	733*	Striking and nailing handtools—power not determined
7366	Steel rules	7339	Striking and nailing handtools—power not determined, n.e.c.
9413	Steel shots—non-ammunition	7330	Striking and nailing handtools—power not determined, unspecified
7629	Stencils	723*	Striking and nailing handtools—powered
7422	Step ladders	7239	Striking and nailing handtools—powered, n.e.c.
7422	Step stools	7230	Striking and nailing handtools—powered, unspecified
3911	Stereos	4224	String
7632	Sticks—lacrosse	636	Strip mines, quarries, excavations, except confined spaces
7199	Sticks—paint	1463	Strontium chromate
7422	Stiles	7169	Strops—bench
7125	Stilettoes	4132	Structural bars
7611	Still and motion picture cameras	659	Structural elements, n.e.c.
7613	Still and motion picture projectors	4197	Structural hardware, n.e.c.
7614	Still and motion picture screens	413*	Structural metal materials
7619	Still camera film	4139	Structural metal materials, n.e.c.
7611	Still cameras	4130	Structural metal materials, unspecified
799	Stilts	4135	Structural plates, panels
3764	Stitching machinery	4137	Structural sheet metal
5222	Stocks, broths	4114	Structural stones or slabs, n.e.c.
1871	Stoddard solvent	6*	Structures and surfaces
7121	Stone axes	69	Structures and surfaces, n.e.c.
4113	Stone, marble, granite slabs	60	Structures and surfaces, unspecified
7164	Stones—corundum	63*	Structures other than buildings
7164	Stones—honing	630	Structures other than buildings, unspecified
7164	Stones—water	6399	Structures, n.e.c.
1892	Stop baths	156	Strychnine
6232	Store	573	Student
2217	Store shelving	4219	Studs—wood or metal
9277	Storm—tropical	7832	Stun guns
6122	Storm drains	1236	Styrene
9252	Storm surges, unless associated with tropical storm	1236	Styrol
3326	Stoves—kitchen, cooking	823	Subway
8622	Straddle carriers	6123	Subway tunnels
7366	Straight edges	3219	Suction dredges
7423	Straight ladders	5229	Sugar
7171	Straight tip screwdrivers	582	Sugarcane crops
8426	Straight trucks		
4225	Strapping		
3492	Strapping machinery		
7191	Straw brooms		
6733	Streams		
6652	Street—paved		
6653	Street—unpaved		
6651	Street bump, depression, hole or irregularity		

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8412	Taxi—road	4140	Tiles, shingles, unspecified
835	Taxi—water	791	Time clocks
8412	Taxicab	2116	Tin cans
5224	Tea	541	Tin ore
2117	Teapots	7127	Tin snips
7833	Tear gas	7262	Tiplets—soldering
1119	Technetic acid	7262	Tips—soldering
6351	Telecommunications	4812	Tire inner tubes
6352	Telephone poles	4814	Tire rims
3913	Telephones, mobile	4811	Tires—bikes
3912	Telephones, stationary	4813	Tires, except bike
7611	Television cameras	481*	Tires, inner tubes, wheels
3914	Televisions	4819	Tires, inner tubes, wheels, n.e.c.
926*	Temperature extremes—environmental	4810	Tires, inner tubes, wheels, unspecified
9260	Temperature extremes—environmental, unspecified	3326	Toasters
575	Tenants	582	Tobacco crops
7632	Tennis rackets	799	Tobacco pipes
7634	Tents and accessories	9242	Tobacco smoke
1313	Tetrachlorethylene	873	Tobacco wagon
1319	Tetrachloromethane	7637	Toboggans
144	Tetraethyl lead	7155	Toe kickers
144	Tetramethyl lead	7142	Toggle clamps
3761	Textile dyeing machinery	1839	Toilet cleaner
7629	Textile printing screens	2253	Toilets
376*	Textile, apparel, leather production machinery	2253	Toilets, urinals
3769	Textile, apparel, leather production machinery, n.e.c.	1233	Toluene
3760	Textile, apparel, leather production machinery, unspecified	1751	Toluene-di-isocyanates (TDI)
913*	Textiles	1233	Toluol
919	Textiles and apparel, n.e.c.	7121	Tomahawks
910	Textiles and apparel, unspecified	5222	Tomato sauces
9139	Textiles, n.e.c.	5225	Tomatoes
9130	Textiles, unspecified	1892	Toners—printer
156	Thallium sulfate	7141	Tongs—ice
3722	Therapeutic x-ray	792	Tongs—kitchen
7369	Thermometers	7141	Tongs—oyster
2113	Thermoses	7254	Tongs—powered
1872	Thinner—paint	2157	Tool belts
154	Thiocarbamate herbicides	2114	Tool boxes
1119	Thioglycolic acid	2212	Tool chests
9132	Thread, yarn	443*	Tool parts, accessories
358	Threading and tapping machines	4439	Tool parts, accessories, n.e.c.
3114	Threshers	4430	Tool parts, accessories, unspecified
2221	Throw rugs (except rolls)	2214	Tool racks
5136	Ticks	7162	Tools—cornering
5159	Tigers	73*	Tools—handtools, power not determined
4141	Tiles—ceiling	71*	Tools—nonpowered handtools
4142	Tiles—ceramic	72*	Tools—powered handtools
4142	Tiles—stone	7262	Tools—soldering
414*	Tiles, shingles	7*	Tools, instruments, and equipment
4149	Tiles, shingles, n.e.c.	799	Tools, instruments, and equipment, n.e.c.
		70	Tools, instruments, and equipment, unspecified
		7236	Tools, stapling—electric or pneumatic
		7195	Tools, stapling—nonpowered

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7261	Torches—blow	8620	Transport and material hauling industrial vehicles—powered, unspecified
7261	Torches—cutting	7939	Traps—musical instruments
7261	Torches—propane	944	Trash
7261	Torches—welding, handheld	2111	Trash bags
9277	Tornado	6174	Trash bin or dumpster interiors
2152	Tote bags	2118	Trash bins
8414	Tour bus	2116	Trash cans
8621	Tow motors	3995	Trash compactors
8428	Tow truck	791	Travel alarm clocks
833	Towboat	4423	Traveling block
915	Towels	7952	Trawling nets—commercial fishing
6351	Towers—cell phone	2117	Trays
6359	Towers—fire	2117	Trays—plastic
6359	Towers—ranger	7633	Treadmills
6351	Towers—telecommunication	2212	Treasure chests
6352	Towers—utility, except telecommunication	5871	Tree branches—attached
6354	Towers—windmill	5873	Tree branches—unattached
635*	Towers, poles	5871	Tree limbs—attached
6359	Towers, poles, n.e.c.	5873	Tree limbs—unattached
6350	Towers, unspecified	949	Tree sap
6251	Townhouse	3119	Tree shakers
2114	Toy boxes	5871	Trees
2212	Toy chests	587*	Trees, logs, limbs
3211	Trackhoe loaders	5879	Trees, logs, limbs, n.e.c.
3211	Trackhoes	5870	Trees, logs, limbs, unspecified
6396	Tracks, railroad	3215	Trenchers
8632	Tractor—construction	611	Trenches
8631	Tractor—farm	3215	Trenching machines
8633	Tractor—industrial	759	Trephines
8421	Tractor-trailer truck	7366	Triangles
8639	Tractor, n.e.c.	154	Triazines
863*	Tractor, PTO	1322	Trichloromonofluoromethane
8630	Tractor, unspecified	1315	Trichloroethylene
6679	Traffic calming bumps, n.e.c.	1322	Trichlorofluoromethane
6399	Traffic signals	1119	Trichloroacetic acid
664*	Trails, paths	7127	Trimmers—nonpowered hedge
6254	Trailers—mobile home	7225	Trimmers—powered weed
483	Trailers—unattached vehicle	7225	Trimmers, edgers, clippers—lawn, powered
823	Train	7162	Trimming planes
8241	Train—freight	1119	Trinitrophenol
6123	Train atunnels	1119	Triphosphoric acid
6396	Train tracks	7615	Tripods, camera stands
824*	Train, locomotive, rail car	822	Trolley
8249	Train, n.e.c.	7939	Trombones
8242	Train, passenger—heavy rail	9277	Tropical storm
822	Train, passenger—light rail	6175	Trough interiors
8240	Train, unspecified	2118	Troughs
7362	Trammel heads	9112	Trousers
3257	Transfer machines	7134	Trowels
4415	Transformers	7134	Trowels—garden
8414	Transit bus	8429	Truck—armored
4827	Transmission—vehicle	8422	Truck—basket hoist
8629	Transport and material hauling industrial vehicles—powered, n.e.c.	8422	Truck—boom

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1844	Vaccines	4826	Vehicle radiator
3336	Vacuum cleaners	4813	Vehicle tires
1119	Valeric acid	4827	Vehicle transmission
6721	Valley	3331	Vehicle washing machinery
156	Valone	484	Vehicle windows—unattached
423	Valves	484	Vehicle windshields—unattached
423	Valves, nozzles	899	Vehicle, n.e.c.
8412	Van—courtesy airport	80	Vehicle, unspecified
8426	Van—delivery	8*	Vehicles
8415	Van—passenger, except taxi	85*	Vehicles—animal and human powered
8412	Van—taxi	859	Vehicles—animal or human powered, n.e.c.
8415	Van—unspecified	850	Vehicles—animal or human powered, unspecified
2236	Vanity (bedroom)	84*	Vehicles—highway, motorized
154	Vapam	87*	Vehicles—industrial and plant
3313	Vaporizers	879	Vehicles—industrial and plant, nonpowered, n.e.c.
951	Vapors—nonchemical	870	Vehicles—industrial and plant, nonpowered, unspecified
4416	Variable resistors	8629	Vehicles—industrial, material hauling and transport—powered, n.e.c.
7213	Variable speed drills	8620	Vehicles—industrial, material hauling and transport—powered, unspecified
2113	Vases	8439	Vehicles—multi-purpose highway, n.e.c.
6179	Vat interiors, tank, bin, n.e.c.	86*	Vehicles—off-road and industrial powered
6170	Vat interiors, tank, bin, unspecified	860	Vehicles—off-road or industrial—powered, unspecified
2118	Vats—stainless steel (except pressurized)	869	Vehicles—off-road or industrial, powered, n.e.c.
2118	Vats—wooden	8619	Vehicles—off-road passenger, n.e.c.
3915	VCRs	8610	Vehicles—off-road passenger, unspecified
5227	Veal, veal products	89*	Vehicles—other
582	Vegetable plants	890	Vehicles—other, unspecified
5225	Vegetables	841*	Vehicles—passenger
8432	Vehicle—4-wheel drive	82*	Vehicles—rail
8624	Vehicle—airport utility	83*	Vehicles—water
8611	Vehicle—all terrain	830	Vehicles—water, unspecified
821	Vehicle—amusement park rail	826	Vehicles, rail—industrial or mining
849	Vehicle—highway, motorized, n.e.c.	7125	Veiners
840	Vehicle—highway, motorized, unspecified	3996	Vending machines
8430	Vehicle—multi-purpose highway, unspecified	7126	Veneer saws
8419	Vehicle—passenger, n.e.c.	2223	Venetian blinds
826	Vehicle—rail, industrial mining	5141	Venomous snakes
829	Vehicle—rail, n.e.c.	559	Vermiculite
820	Vehicle—rail, unspecified	7361	Vernier calipers
839	Vehicle—water, n.e.c.	832	Vessel—commercial fishing
48*	Vehicle and mobile equipment parts	83*	Vessel—water
489	Vehicle and mobile equipment parts, n.e.c.	2113	Vials
480	Vehicle and mobile equipment parts, unspecified	7939	Vibraphones
4821	Vehicle battery	3293	Vibratory hammers
4822	Vehicle belts and hoses	3253	Vibratory rollers and compactors
485*	Vehicle doors, liftgates, tailgates	7611	Video cameras
4850	Vehicle doors, liftgates, tailgates, unspecified	7639	Video Games
4823	Vehicle engine, engine block, motor	3915	Video players and recorders
4824	Vehicle fan		
4825	Vehicle muffler, exhaust		
4851	Vehicle passenger doors		

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3915	Videocassette recorders	3746	Washers—paper production
1111	Vinegar	7293	Washers—power
1236	Vinyl benzene	7293	Washers—pressure
1219	Vinyl carbinol	3746	Washers, bleachers, refiners—paper production
465	Vinyl caulking	333*	Washers, dryers, and cleaning machinery and appliances
1759	Vinyl chloride	3339	Washers, dryers, and cleaning machinery and appliances, n.e.c.
1299	Vinyl ether	3330	Washers, dryers, and cleaning machinery and appliances, unspecified
4144	Vinyl floor tiles	5131	Wasps
4196	Vinyl siding	949	Waste, debris, scrap, n.e.c.
7939	Violas	940	Waste, debris, scrap, unspecified
7939	Violins	9123	Watches
533	Viruses	3241	Water-jet drills
7141	Vise grips	3797	Water—sump pumps
7142	Vises—bench	2231	Water beds
7142	Vises—front	673*	Water bodies—natural
7142	Vises—miter	6739	Water bodies—natural, n.e.c.
7113	Vises—pin	6730	Water bodies—natural, unspecified
7142	Vises, clamps	2113	Water bottles
4416	Voltage dividers	5153	Water buffalo
5789	Vomit of other than injured or ill person	229	Water coolers
3999	Voting machines	2122	Water hoses
<b>W</b>			
3326	Waffle irons	9253	Water pressure—high or low
873	Wagon	7638	Water skis
853	Wagon—animal powered	7638	Water sports equipment
873	Wagon—hay	7164	Water stones
873	Wagon—sales	6173	Water tank or septic tank interiors
873	Wagon—tobacco	835	Water taxi
7521	Walkers	839	Water vehicle, n.e.c.
6641	Walkway, outdoor—bump, depression, hole or irregularity	830	Water vehicle, unspecified
6642	Walkway, outdoor—paved	83*	Water vehicles
6643	Walkway, outdoor—unpaved	9521	Water, except water body
660	Walkways, ground surfaces, floors, unspecified	2116	Watering cans
6699	Walkways, n.e.c.	7242	Waterstone grinders
6640	Walkways, outdoor—unspecified	9252	Waves
6690	Walkways, unspecified	7622	Wax crayons
2261	Wall-mounted fixtures	7241	Waxers, buffers, polishers—powered
2222	Wall coverings	78*	Weapons, except knives
2215	Wall lockers	927*	Weather and atmospheric conditions
2222	Wall panels—acoustic	9279	Weather and atmospheric conditions, n.e.c.
4198	Wallboard	9270	Weather and atmospheric conditions, unspecified
4198	Wallboard, drywall, sheetrock	3766	Weaving machinery
2152	Wallets	7129	Wedges
2222	Wallpaper, except rolls	7225	Weed trimmers—powered
6562	Walls	7225	Weed whacker
6211	Warehouse	7633	Weight-lifting equipment
156	Warfarin	2221	Welcome mats
915	Wash cloths	3594	Welder—robotic
3333	Washers—clothes	9293	Welders' flash
3334	Washers—dish	726*	Welding and heating handtools—powered

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7269	Welding and heating handtools—powered, n.e.c.	2142	Wine glasses
7260	Welding and heating handtools—powered, unspecified	2118	Wine vats
3594	Welding machinery	4411	Wire—electrical
773	Welding masks	4226	Wire—nonelectrical
147	Welding or soldering fumes, unspecified or n.e.c.	7122	Wire cutters
7261	Welding torches—handheld	3532	Wire extruders
613	Wells	4226	Wire, cables—nonelectrical
1122	Wet cement	4411	Wiring—electrical building
7242	Wet or dry grinders	2117	Woks
7242	Wet stone grinders	5159	Wolf, wolves
6691	Wharfs	4151	Wood—dimensional (2x4, 2x3, etc)
581	Wheat crops	1214	Wood alcohol
3413	Wheel conveyors	9414	Wood chips
7149	Wheel pullers	7123	Wood chisels
7149	Wheel, gear, and bearing pullers	7161	Wood files
874	Wheelbarrow	4152	Wood paneling
7533	Wheelchairs—nonpowered	4154	Wood pieces, trim pieces, wood scraps, n.e.c.
7531	Wheelchairs—powered	4143	Wood shingles
755	Wheeled cots	1214	Wood spirits
3212	Wheeled dozers	9415	Wood splinters
3237	Wheeled log loaders	6342	Wood trestle staging
7164	Wheels—emery	415*	Wood, lumber
4814	Wheels—tire	4159	Wood, lumber, n.e.c.
7164	Whetstones	4150	Wood, lumber, unspecified
3714	Whippers—food and beverage	7262	Woodburning pens
2262	White boards—stand-alone	7262	Woodburning sets
2261	White boards—wall mounted	7125	Woodcarving knives
1114	White fuming nitric acid (WFNA)	4153	Wooden beams
1319	White potash	6523	Wooden fences, panels
7125	Whittling knives	4155	Wooden stakes
5711	Wife, ex-wife	7125	Woodturning tools (used with lathes)
7111	Wimbles	3552	Woodworking lathes
4423	Winches and accompanying cable	5213	Wool—unprocessed
7939	Wind chimes	911*	Wool clothing
6354	Wind turbines	3626	Word processors
9272	Wind, wind gust	5723	Work associates
3745	Winders—paper production	2234	Work stations
3491	Winders, unwinders	2232	Workbenches
6354	Windmills	2236	Worktables
2223	Window coverings	3732	Wrapping machinery
2223	Window coverings, blinds, shades, or draperies	7192	Wrecking bars
4193	Window panes	7173	Wrenches—adjustable
2223	Window shades	7252	Wrenches—air powered
484	Windows—vehicle	7173	Wrenches—allen
653	Windows, window openings	7173	Wrenches—box
3257	Windrow machines	7173	Wrenches—monkey
484	Windshields, vehicle—unattached	7173	Wrenches—nonpowered
484	Windshields, vehicle windows	7173	Wrenches—open-end
1841	Wine	7173	Wrenches—pipe
2112	Wine barrels	7352	Wrenches—power not determined
		7252	Wrenches—powered
		7252	Wrenches—powered impact
		7173	Wrenches—socket

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7173 Wrenches—spark-plug  
7173 Wrenches—tuning  
762\* Writing, drawing, and art supplies  
7629 Writing, drawing, and art supplies, n.e.c.  
7620 Writing, drawing, and art supplies,  
unspecified

### X

7619 X-ray film  
3722 X-ray machinery  
3722 X-ray, magnetic resonance imaging (MRI's),  
and fluoroscope machinery and equipment  
1234 Xylene  
1234 Xylol  
7939 Xylophones

### Y

835 Yacht—motorized  
836 Yacht—sail-based  
5153 Yaks  
7361 Yankee calipers  
7366 Yardsticks  
9132 Yarn, thread  
5223 Yogurt

### Z

899 Zamboni  
5154 Zebras  
1469 Zinc and compounds, n.e.c.  
1463 Zinc chromate  
541 Zinc ore  
156 Zinc phosphide  
153 Zineb  
3481 Zip lines  
153 Ziram  
7939 Zithers

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## SOURCE CODE INDEX

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## EVENT OR EXPOSURE CODE INDEX

### SECTION 4.4

**Event or  
Exposure  
Index**

\*-Asterisks denote a summary level code not assigned to individual cases.

## EVENT OR EXPOSURE CODE INDEX

A	
66*	Abraded by friction or pressure
1211	Accidental shooting—by other person
1221	Accidental shooting—self-inflicted
542	Air pressure change
214	Aircraft crash due to low-altitude entanglement
2129	Aircraft crash during landing, n.e.c.
2120	Aircraft crash during landing, unspecified
212*	Aircraft crash during takeoff or landing
2122	Aircraft crash during takeoff or landing—between air vehicles
2121	Aircraft crash during takeoff or landing—due to mechanical failure
2124	Aircraft crash during takeoff or landing—into structure, object, or ground
2123	Aircraft crash during takeoff or landing—with ground vehicle
2129	Aircraft crash during takeoff or landing, n.e.c.
2120	Aircraft crash during takeoff or landing, unspecified
2129	Aircraft crash during takeoff, n.e.c.
2120	Aircraft crash during takeoff, unspecified
2152	Aircraft crash in-flight, between air vehicles
2153	Aircraft crash in-flight, into structure, object, or ground
2151	Aircraft crash in-flight, mechanical failure
215*	Aircraft crash, other in-flight
213	Aircraft explosion or fire
219	Aircraft incident, n.e.c.
210	Aircraft incident, unspecified
21*	Aircraft incidents
737*	Alighting, excluding slip, trip, fall
2621	Animal—collision with in roadway
2622	Animal—collision with on side of road
2729	Animal—collision with in nonroadway area
13*	Animal and insect related incidents
139	Animal and insect related incidents, n.e.c.
130	Animal and insect related incidents, unspecified
239	Animal and other non-motorized vehicle transportation incident, n.e.c.
23*	Animal and other non-motorized vehicle transportation incidents
13*	Animal assault, attack
1313	Animal bites, nonvenomous
1311	Animal bites, venomous
1323	Animal clawing
1324	Animal goring
1323	Animal kicking
1323	Animal mauling
1324	Animal ramming
1323	Animal scratching
2315	Animal transportation—struck bump, hole, or other rough terrain
2312	Animal transportation collision in nonroadway area
2311	Animal transportation collision in roadway
2319	Animal transportation incident, n.e.c.
231*	Animal vehicle transportation incident
511*	Arc flash electricity exposure
1115	Arson—intentional injury
1126	Asphyxiation—intentional inhalation of substance
1122	Asphyxiation, strangulation—intentional self-harm
31*	Asphyxiation—smoke inhalation from fire
552*	Asphyxiation—unintentional inhalation of harmful substance
131*	Assault by animal—bite or sting
132*	Assault by animal—struck or mauled by
111*	Assault by other person
1119	Assault with vehicle by other person—intentional
1117	Assault, verbal
723	Assembly line work without tools—repetitive motion
1229	Auto-erotic strangulation
B	
1119	BB gun shooting by other person—intentional
1219	BB gun shooting by other person—unintentional
1113	Beating by other person—intentional
1311	Bee sting, wasp sting
731*	Bending—bodily reaction
731*	Bending, climbing, stepping, crawling, reaching, twisting
131*	Bites and stings
1319	Bites and stings, n.e.c.
1310	Bites and stings, unspecified
1113	Biting by other person—intentional
1381	Bitten and struck by animal
131*	Bitten by animal
324	Blasting explosions
1113	Bludgeoning by other person—intentional
737*	Boarding, excluding slip, trip, fall
74	Bodily conditions, n.e.c.
73*	Bodily position
73*	Bodily reaction
1115	Bombing—intentional injury
1119	Bow and arrow shooting by other person—intentional
5221	Brief exposure to noise

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## EVENT OR EXPOSURE CODE INDEX

2613	Broadside collision—highway	2211	Collision between two rail vehicles
316	Brush fire	2522	Collision between water vehicle and object
311	Building fire with collapse	2521	Collision between water vehicles
312	Building fire without collapse	2729	Collision with animal—nonroadway
<b>C</b>			
254	Capsized or sinking water vehicle	2621	Collision with animal—roadway
254	Capsized water vehicle	2622	Collision with animal—side of road
713*	Carrying—overexertion	643	Compressed or pinched between two stationary objects
1313	Cat bites	642	Compressed or pinched by shifting objects or equipment
714*	Catching—overexertion	534	Contact with cold objects or substances
257	Caught in fishing vessel conveyor, winch	533	Contact with hot objects or substances
64*	Caught in or compressed by equipment or objects	6 *	Contact with objects and equipment
65*	Caught in or crushed in collapsing structure, equipment, or material	60	Contact with objects and equipment, unspecified
659	Caught in or crushed in collapsing structure, equipment, or material, n.e.c.	554*	Contact with skin or exposed tissue causing exposure
655	Caught in other collapsing structure or equipment—non-fire-related	655	Crane collapse
641*	Caught in running equipment or machinery	731*	Crawling—bodily reaction
651	Cave-in, excavation or trenching	1124	Cutting—intentional self-harm
652	Cave-in, mine	1112	Cutting by other person—intentional
653	Cave-in, other than mine and trench	<b>D</b>	
1114	Choking by other person—intentional	721	Data entry—repetitive motion
562	Choking on object or substance	324	Demolition explosion
1323	Clawed or scratched by animal	563	Depletion of oxygen
1113	Clawing by other person—intentional	222	Derailment
731*	Climbing, except vehicle—bodily reaction	511*	Direct contact with electric fences
314	Clothing caught fire	511*	Direct contact with power lines
1113	Clubbing by other person—intentional	511*	Direct exposure to electricity
532	Cold—environmental exposure	1313	Dog bites
534	Cold—contact with object or substance	43*	Drowning—fall into water, nontransport
311	Collapsing building during fire	112*	Drowning—intentional self-harm
311	Collapsing building, structure, or structural element during fire	2*	Drowning—transport incident
655	Collapsing crane—except fall from	25*	Drowning—water vehicle incident
431*	Collapsing crane—fall from	561	Drowning, n.e.c.
656	Collapsing materials—engulfment in	5542	Drug overdose—accidental overdose from medical injection
311	Collapsing structural element during fire	551	Drug overdose—accidental during recreational use
65*	Collapsing structure—caught in (non-fire)	1224	Drug overdose—intent unknown
311	Collapsing structure—during fire	1125	Drug overdose—intentional self-harm
431*	Collapsing structure—fall from (non-fire)	321	Dust explosion
65*	Collapsing structure—struck by (non-fire)	<b>E</b>	
2713	Collision between a moving and standing Vehicle, non roadway	51*	Electrical exposure
2122	Collision between air vehicles during takeoff or landing	512*	Electrification of tool, equipment
2123	Collision between aircraft and ground vehicle during takeoff or landing	656	Engulfment in collapsing material
2212	Collision between rail and roadway vehicles	644	Entangled in other object or equipment
221*	Collision between rail vehicle and another vehicle	257	Equipment incident on water vehicle
		651	Excavation cave-in
		324	Explosion—demolition or blasting

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## EVENT OR EXPOSURE CODE INDEX

322	Explosion of nonpressurized vapors, gases, or liquids	53*	Exposure to temperature extremes
323	Explosion of pressure vessel, piping, or tire	57	Exposure to traumatic or stressful event, n.e.c.
223	Explosion on rail vehicle during transport	5211	Exposure to welder's flash
2739	Explosion on vehicle during normal operation without collision—nonroadway	5544	Eye exposure to harmful substances
2639	Explosion on vehicle during normal operation without collision—roadway	663	Eye—rubbed or abraded by foreign object
253	Explosion on water vehicle	<b>F</b>	
213	Explosion or fire on aircraft	45	Fall arrested by body harness
223	Explosion or fire on rail vehicle during transport	45	Fall arrested by lifeline
253	Explosion or fire on water vehicle	432*	Fall down elevator shaft
329	Explosion, n.e.c.	432*	Fall down skylight
320	Explosion, unspecified	433*	Fall down stairs
32*	Explosions	2735	Fall from and struck by another vehicle in normal operation, nonroadway
5544	Exposure through intact skin, eyes, or other exposed tissue	2635	Fall from and struck by another vehicle in normal operation, roadway
5542	Exposure through medical injection, excluding accidental needlesticks	2734	Fall from and struck by same vehicle in normal operation, nonroadway
5543	Exposure through scratch or other open wound	2634	Fall from and struck by same vehicle in normal operation, roadway
54*	Exposure to air and water pressure change	255	Fall from and struck by water vehicle
542	Exposure to change in air pressure	2313	Fall from animal being ridden
541	Exposure to change in water pressure	423	Fall from chair while sitting
534	Exposure to cold—cold object or substance	433*	Fall from chair while standing
532	Exposure to cold—environmental	431*	Fall from collapsing building
51*	Exposure to electricity	431*	Fall from collapsing scaffolding
510	Exposure to electricity, unspecified	431*	Fall from collapsing staging
532	Exposure to environmental cold	431*	Fall from collapsing structure or equipment
531	Exposure to environmental heat	433*	Fall from ladder
554*	Exposure to harmful substance through skin, eyes, or other exposed tissue	433*	Fall from nonmoving vehicle
5541	Exposure to harmful substance through unintentional needlestick or sharp injury	2323	Fall from pedal cycle
5*	Exposure to harmful substances or environments	433*	Fall from roof
59	Exposure to harmful substances or environments, n.e.c.	2736	Fall from vehicle in normal operation, nonroadway
50	Exposure to harmful substances or environments, unspecified	2636	Fall from vehicle in normal operation, roadway
531	Exposure to heat—environmental	256	Fall from water vehicle, except drydocked
533	Exposure to hot object or substance	217	Fall on aircraft during transport
5211	Exposure to light	226	Fall on rail vehicle during transport
521*	Exposure to light and other radiation	422	Fall on same level due to slipping
522*	Exposure to noise	421*	Fall on same level due to tripping
558	Exposure to other harmful substance—multiple routes of exposure	429	Fall on same level, n.e.c.
55*	Exposure to other harmful substances	258	Fall on water vehicle
550	Exposure to other harmful substances, unspecified	424	Fall onto or against object on same level
5212	Exposure to other radiation	255	Fall or jump and struck by water vehicle
56*	Exposure to oxygen deficiency, n.e.c.	45	Fall or jump curtailed by personal fall arrest system
52*	Exposure to radiation and noise	2735	Fall or jump from and struck by another vehicle in normal operation, nonroadway
		2635	Fall or jump from and struck by another vehicle in normal operation, roadway
		224	Fall or jump from and struck by rail vehicle

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## EVENT OR EXPOSURE CODE INDEX

during transport  
 2734 Fall or jump from and struck by same vehicle in normal operation, nonroadway  
 2634 Fall or jump from and struck by same vehicle in normal operation, roadway  
 225 Fall or jump from rail vehicle during transport  
 2736 Fall or jump from vehicle in normal operation, nonroadway  
 2636 Fall or jump from vehicle in normal operation, roadway  
 256 Fall or jump from water vehicle  
 432\* Falls through existing opening  
 432\* Fall through roof or existing opening  
 432\* Fall through surface  
 430 Fall to lower level, unspecified  
 423 Fall while sitting  
 49 Fall, slip, trip, n.e.c.  
 40 Fall, slip, trip, unspecified  
 42\* Fall on same level  
 42\* Fall on stairs, except to lower level  
 42\* Fall over curb  
 43\* Fall to lower level  
 42\* Fall up stairs  
 4\* Falls, slips, trips  
 1113 Fighting by other person—intentional  
 223 Fire on rail vehicle during transport  
 2739 Fire on vehicle during normal operation without collision—nonroadway  
 2639 Fire on vehicle during normal operation without collision—roadway  
 253 Fire on water vehicle, except drydocked  
 30 Fire or explosion, unspecified  
 316 Fire—forest or brush  
 314 Fire—ignition of clothing from controlled heat source  
 313 Fire—machinery, nontransport  
 315 Fire—small scale  
 311 Fire—structural with collapse  
 312 Fire—structural without collapse  
 313 Fire—vehicle, nontransport  
 310 Fire, unspecified  
 31\* Fires  
 3\* Fires and explosions  
 1312 Flea bites  
 316 Forest fire  
 316 Forest or brush fire  
 66\* Friction rubbing, abrasion  
 1211 Friendly fire  
 2613 Front-to-side collision—roadway

### G

317 Gas fire—nonpressurized

317 Gas ignition  
 1324 Gored or rammed by animal  
 1113 Grabbing by other person—intentional  
 656 Grain engulfment  
 1113 Grappling by other person—intentional

### H

724 Hand use—repetitive  
 625\* Handheld equipment injury  
 625\* Handheld object injury  
 219 Hang gliding incident  
 1122 Hanging—intentional self-harm  
 531 Heat—exposure to environmental  
 5541 Hepatitis exposure from broken glass  
 5541 Hepatitis exposure from needlestick  
 26\* Highway accident  
 1113 Hitting by other person—intentional  
 713\* Holding—overexertion  
 231\* Horse-drawn buggy vehicle incidents  
 1213 Horseplay—unintentional or intent unknown

### I

314 Ignition of clothing from controlled heat source  
 317 Ignition of vapors, gases, or liquids  
 512\* Indirect exposure to electricity  
 5211 Infrared light exposure  
 553 Ingestion of harmful substance  
 552\* Inhalation of harmful substance  
 5522 Inhalation of harmful substance—multiple episodes  
 5521 Inhalation of harmful substance—single episode  
 1126 Inhalation of substance—intentional self-harm  
 3\* Inhalation of substance during fire  
 5542 Injection, medical exposure  
 551 Injection—recreational exposure  
 121\* Injury by other person—unintentional or intent unknown  
 12\* Injury by person—unintentional or intent unknown  
 129 Injury by person—unintentional or intent unknown, n.e.c.  
 1311 Insect bite—venomous  
 1312 Insect bites—nonvenomous  
 551 Intentional drug or alcohol use, recreational—unintentional overdose  
 11\* Intentional injury by person  
 1119 Intentional injury by person, n.e.c.

### J

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## EVENT OR EXPOSURE CODE INDEX

2731 Jack-knifed, nonroadway  
 2631 Jack-knifed, roadway  
 255 Jump and struck by water vehicle  
 2735 Jump from and struck by another vehicle in normal operation, nonroadway  
 2635 Jump from and struck by another vehicle in normal operation, roadway  
 2734 Jump from and struck by same vehicle in normal operation, nonroadway  
 2634 Jump from and struck by same vehicle in normal operation, roadway  
 1123 Jump from bridge into water—intentional self-harm  
 1123 Jump from building or other structure—intentional self-harm  
 441\* Jump from collapsing structure or equipment  
 2736 Jump from vehicle in normal operation, nonroadway  
 2636 Jump from vehicle in normal operation, roadway  
 256 Jump from water vehicle  
 442\* Jump to lower level, other  
 7399 Jumping up and down—bodily reaction  
 44\* Jumps to lower level

### K

721 Key entry—repetitive motion  
 1322 Kicked by animal  
 1113 Kicked by other person—intentional  
 121\* Kicked by other person—unintentional  
 661 Kneeling on surface causing rubbing or abrasion  
 732\* Kneeling, kneeling down

### L

654 Landslide  
 5211 Laser light exposure  
 711\* Lifting—overexertion  
 5211 Light, exposure to  
 317 Liquids, ignition of  
 4119 Loss of balance due to slip  
 711\* Lowering—overexertion

### M

641\* Machinery—caught in running, except water transport  
 313 Machinery fire—nontransport  
 253 Machinery fire—water vessel in transport  
 257 Machinery incident on water vehicle, except

fire  
 257 Machinery or equipment incident on water vehicle, except fire  
 1323 Mauled by animal  
 2121 Mechanical failure on aircraft during takeoff or landing  
 5542 Medical injection exposure to harmful substance, infectious agent  
 57 Mental stress  
 652 Mine collapse or cave-in  
 1312 Mosquito bites  
 79 Motion sickness  
 260 Motor vehicle incident, unspecified  
 2631 Motorcycle overturn—roadway  
 2731 Motorcycle overturn—nonroadway  
 27\* Motorized vehicle nonroadway incident  
 26\* Motorized vehicle roadway incidents  
 721 Mousing—repetitive motion  
 2712 Moving in opposite directions, oncoming, nonroadway  
 2711 Moving in same direction, nonroadway  
 1215 Moving person—unintentional injury  
 654 Mudslide  
 5548 Multiple exposures through skin, eyes, or other exposed tissue  
 138\* Multiple types of animal and insect incidents  
 1389 Multiple types of animal and insect incidents, n.e.c.  
 1380 Multiple types of animal and insect incidents, unspecified  
 718 Multiple types of overexertion involving outside sources  
 728 Multiple types of repetitive motion  
 1218 Multiple unintentional injuries by other person  
 1118 Multiple violent acts by other person  
 260 MVA, unspecified

### N

6242 Nail gun—accidental discharge  
 1119 Nail gun shooting by other person—intentional harm  
 5541 Needlestick exposure to harmful substance  
 5542 Needlestick—intentional injection  
 61 Needlestick without exposure to harmful substance  
 522\* Noise exposure  
 23\* Non-motorized vehicle transportation incidents  
 9999 Nonclassifiable  
 2729 Nonroadway collision with object other than vehicle, n.e.c.  
 2720 Nonroadway collision with object other than

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## EVENT OR EXPOSURE CODE INDEX

	vehicle, unspecified		transport incident
271*	Nonroadway collision with other vehicle	2322	Pedal cycle collision in nonroadway area
2719	Nonroadway collision with other vehicle, n.e.c.	2321	Pedal cycle collision in roadway
2710	Nonroadway collision with other vehicle, unspecified	2323	Pedal cycle fall
272*	Nonroadway collisions with object other than vehicle	232*	Pedal cycle incident
270	Nonroadway incident involving motorized land vehicle, unspecified	2329	Pedal cycle incident, n.e.c.
279	Nonroadway incident, motorized land vehicle, n.e.c.	2320	Pedal cycle incident, unspecified
27*	Nonroadway incidents involving motorized land vehicles	2324	Pedal cycle struck bump, hole, or other rough terrain
273*	Nonroadway noncollision incident	2319	Pedestrian struck by animal being ridden
2739	Nonroadway noncollision incident, n.e.c.	211	Pedestrian struck by aircraft or propeller
2730	Nonroadway noncollision incident, unspecified	227	Pedestrian struck by rail vehicle—transport
319	Nonstructural fire, n.e.c.	244*	Pedestrian struck by vehicle in nonroadway area
1313	Nonvenomous animal bites, except insect	242*	Pedestrian struck by vehicle in roadway
1312	Nonvenomous insect bites	241*	Pedestrian struck by vehicle in work zone
		621*	Pedestrian struck by vehicle not in normal operation
	<b>O</b>	243*	Pedestrian struck by vehicle on side of road
73*	Other exertions or bodily reactions	249	Pedestrian vehicular incident, n.e.c.
730	Other exertions or bodily reactions, unspecified	24*	Pedestrian vehicular incidents
433*	Other fall to lower level	1213	Physical contact during horseplay
312	Other structural fire without collapse	1212	Physical contact during martial arts training—unintentional or intent unknown
1224	Overdose, drug—intent unknown	1212	Physical contact during physical training— unintentional or intent unknown
1125	Overdose, drug—intentional self-harm	1212	Physical contact during police training— unintentional or intent unknown
5542	Overdose, drug, medical therapy— unintentional	1212	Physical contact during sporting events
551	Overdose, recreational drugs—unintentional	1215	Physical contact while moving person
7*	Overexertion and bodily reaction	1214	Physical contact while restraining, subduing, unintentional
713*	Overexertion in holding, carrying, or wielding	1112	Piercing by other person—intentional
711*	Overexertion in lifting, lowering	1113	Pinching by other person—intentional
712*	Overexertion in pushing, pulling, or turning	323	Pipe explosion, pressurized
712*	Overexertion in repositioning patient	5222	Prolonged exposure to noise
714*	Overexertion in throwing, catching	7391	Prolonged viewing
71*	Overexertion involving outside sources	712*	Pulling—overexertion
2731	Overturned, nonroadway	1113	Pushing by other person—intentional
2631	Overturned, roadway	712*	Pushing—overexertion
569	Oxygen deficiency, other, n.e.c.		
563	Oxygen depletion		<b>R</b>
	<b>P</b>	52*	Radiation exposure
1219	Paintball shooting by other person— unintentional	2219	Rail vehicle collision, n.e.c.
216	Parachuting incident	2210	Rail vehicle collision, unspecified
2721	Part of vehicle occupant's body caught or struck outside of vehicle in nonroadway	229	Rail vehicle incident, n.e.c.
		220	Rail vehicle incident, unspecified
		22*	Rail vehicle incidents
		2732	Ran off driving surface, nonroadway
		2632	Ran off roadway
		1116	Rape
		731*	Reaching—bodily reaction
		5223	Repeated exposure to noise

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## EVENT OR EXPOSURE CODE INDEX

722	Repeated use of knives		
722	Repeated use of medical instruments	1129	Self-harm from bow and arrow shooting—intentional
722	Repeated use of musical instruments		
722	Repeated use of screwdrivers	1129	Self-harm from nail gun shooting—intentional
723	Repetitive grasping, placing, or moving objects, except tools	1129	Self-harm from stun gun shooting—intentional
72*	Repetitive motions involving microtasks		
724	Repetitive use of hands, not involving tools	1129	Self-harm from vehicle crash—intentional
722	Repetitive use of tools, instruments	122*	Self-inflicted injury—intent unknown
712*	Repositioning patient—overexertion	112*	Self-inflicted injury—intentional
1214	Restraining—unintentional injury	1129	Self-inflicted injury—intentional, n.e.c.
2614	Roadway collision—moving and standing vehicle in roadway	122*	Self-inflicted injury—unintentional
2615	Roadway collision—moving and standing vehicle on side of roadway	1229	Self-inflicted injury—unintentional or intent unknown, n.e.c.
2612	Roadway collision—moving in opposite directions, oncoming	1220	Self-inflicted injury—unintentional or intent unknown, unspecified
2611	Roadway collision—moving in same direction	1229	Self-inflicted injury from BB gun—unintentional or intent unknown
2613	Roadway collision—moving perpendicularly	1229	Self-inflicted injury from choking game—unintentional or intent
262*	Roadway collision with object other than vehicle	1221	Self-inflicted shooting—accidental
2629	Roadway collision with object other than vehicle, n.e.c.	1222	Self-inflicted shooting—intent unknown
261*	Roadway collision with other vehicle	1121	Self-inflicted shooting—intentional
2619	Roadway collision with other vehicle, n.e.c.	1221	Self-inflicted shooting—unintentional
2610	Roadway collision with other vehicle, unspecified	1116	Sexual assault
260	Roadway incident involving motorized land vehicle, unspecified	5541	Sharps—exposure to harmful substance
269	Roadway incident, motorized land vehicle, n.e.c.	1118	Shooting and stabbing
26*	Roadway incidents involving motorized land vehicle	1211	Shooting by friendly fire
263*	Roadway noncollision incident	1111	Shooting by other person—intentional
2639	Roadway noncollision incident, n.e.c.	1211	Shooting by other person—unintentional
1213	Roughhousing—unintentional or intent unknown	1121	Shooting, self-inflicted—intentional
66*	Rubbed or abraded by friction or pressure	1222	Shooting, self-inflicted—intent unknown
663	Rubbed or abraded by foreign matter in eye	1221	Shooting, self-inflicted—unintentional
662	Rubbed or abraded by objects being handled	1113	Shoving by other person—intentional
664	Rubbed or abraded by shoes, apparel, or accessories	254	Sinking water vehicle
67*	Rubbed, abraded, or jarred by vibration	733*	Sitting, sitting down
736*	Running, without other incident	5544	Skin exposure to harmful substances
1222	Russian roulette—intent unknown	723	Skinning fish—repetitive motion
		1112	Slashing by other person—intentional
		4111	Slip on substance without fall
		4112	Slip on vehicle without fall—nontransport
		419	Slip or trip without fall, n.e.c.
		411*	Slip without fall
		4119	Slip without fall, n.e.c.
		315	Small-scale, limited fire
		1313	Snake bites—nonvenomous
		1311	Snake bites—venomous
		1312	Spider bites—nonvenomous
		1311	Spider bites—venomous
		1113	Squeezing by other person—intentional
		1124	Stabbing—intentional self-harm
		1112	Stabbing by other person—intentional
		734*	Standing, standing up
		7391	Staring
<b>S</b>			
723	Scanning groceries—repetitive motion		
1323	Scratched by animal		
1113	Scratching by other person—intentional		
1129	Self-harm from BB gun shooting—		

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## EVENT OR EXPOSURE CODE INDEX

2\* Transportation incidents  
 651 Trenching cave-in  
 4121 Trip from stepping into a hole without fall  
 4122 Trip on uneven surface without fall  
 4124 Trip on vehicle without fall—nontransport  
 4123 Trip over an object without fall  
 4125 Trip over feet without fall  
 412\* Trip without fall  
 217 Turbulence—fall on aircraft due to  
 219 Turbulence—struck by object due to  
 712\* Turning—overexertion  
 731\* Twisting—bodily reaction  
 721 Typing—repetitive motion

### U

5211 Ultraviolet light exposure  
 121\* Unintentional injury by other person  
 551 Unintentional overdose—nonmedical drug  
 or alcohol use  
 122\* Unintentional self-inflicted injury  
 1211 Unintentional shooting—by other person  
 1221 Unintentional shooting—self-inflicted

### V

317 Vapor ignition resulting in fire  
 2\* Vehicle fire during normal transport  
 operation  
 313 Vehicle fire, except during normal transport  
 operation  
 313 Vehicle or machinery fire, except during  
 normal transport operation  
 2621 Vehicle struck animal in roadway  
 2622 Vehicle struck animal on side of roadway  
 2623 Vehicle struck by falling object—roadway  
 2623 Vehicle struck by falling or flying object—  
 roadway  
 2623 Vehicle struck by falling trees—roadway  
 2623 Vehicle struck by flying object—roadway  
 2623 Vehicle struck by objects falling off other  
 vehicles—roadway  
 2623 Vehicle struck by objects flying off other  
 vehicles—roadway  
 2621 Vehicle struck object in roadway  
 2622 Vehicle struck object on side of roadway  
 2621 Vehicle struck object or animal in roadway  
 2622 Vehicle struck object or animal on side of  
 roadway  
 279 Vehicle swept away by flood waters—  
 nonroadway  
 2639 Vehicle swept off roadway by flood waters  
 during normal operation  
 1311 Venomous bites

1311 Venomous insect bite  
 1312 Venomous snake bites  
 1117 Verbal assault  
 67\* Vibration rubbing, abrasion, jarring  
 7391 Viewing, prolonged  
 7391 Viewing, sustained  
 1\* Violence and other injuries by persons or  
 animals  
 10 Violence and other injuries by persons or  
 animals, unspecified  
 51\* Voltage exposure

### W

735\* Walking, without other incident  
 1311 Wasp sting  
 541 Water pressure change  
 252\* Water vehicle collisions  
 250 Water vehicle incident, unspecified  
 25\* Water vehicle incidents  
 251 Water vehicle or propeller struck person  
 511\* Welder flash—direct electricity exposure  
 5211 Welder flash—light exposure  
 713\* Welding—overexertion

\*-Asterisks denote a summary level code not assigned to individual cases.