

Occupational Injury and Illness Classification Manual



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**

1.0 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, Event or Exposure, and Secondary Source of Injury or Illness.

The Occupational Injury and Illness Classification System (OIICS) was developed by the Bureau of Labor Statistics' Classification Structure Team 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) and was updated to incorporate various interpretations and corrections in September 2007.

The Occupational Injury and Illness Classification System contains the following code structures to be used in coding the case characteristics of occupational injuries, illnesses, and fatalities in the SOII and CFOI programs:

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

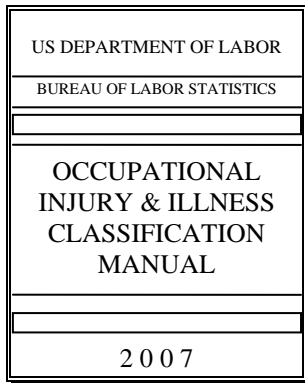
Each code structure in this manual is presented with and without the code descriptions. The code descriptions provide more detail about the codes themselves. The descriptions are extremely useful in determining the make-up of the code categories--the kind of information that each code is trying to capture. The description often gives examples of the codes that would be selected for rare and unusual injury and illness cases.

After becoming familiar with the code descriptions, the coder will find the code titles and the alpha indices at the end of the manual to be helpful in expediting the coding process.

Exhibit 1.0 gives an overview of the Occupational Injury and Illness Classification Manual.

EXHIBIT 1.0

**Overview of the Occupational Injury and Illness
Classification Manual**



SECTION 1

- Table of Contents
- Introduction

SECTION 2

- Descriptions
- Definitions
- Rules of Selection

SECTION 3

- Titles

SECTION 4

- Indices

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SECTION 2.

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

SECTION CONTENTS

2.1	Nature of Injury or Illness
2.2	Part of Body Affected
2.3	Source of Injury or Illness
2.4	Event or Exposure
2.5	Secondary Source of Injury or Illness

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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

2.1.1 Nature of Injury or Illness--Definition, Rules of Selection
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The nature of injury or illness identifies the principal physical characteristic(s) of the injury or illness.

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 **Sprains, strains, tears**.*
- 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), select the more severe injury or illness. *Example: If 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 needle stick produces a puncture wound and transmits an infectious disease, serum hepatitis, choose **serum hepatitis**.*
- 1.4 When two or more injuries or illnesses are indicated but no one can be determined as being more severe than the others, select the appropriate multiple injuries or illnesses classification code. *Example: For fractured and burned left leg, choose **Fractures and burns**.*

2.1-3

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 0) while diseases are listed in Divisions 1 through 8. Division 8 classifies multiple physical characteristics whose individual codes are found in Divisions 1 through 5.

Nature of Injury or Illness code description pages are numbered from DN-1 through DN-40 (the "D" meaning "description, the "N" meaning "nature").

The divisions are identified by title at the top right corner of each page.

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

<u>DIVISION</u>	<u>TITLE</u>
0	Traumatic Injuries and Disorders
1	Systemic Diseases or Disorders
2	Infectious and Parasitic Diseases
3	Neoplasms, Tumors, and Cancer
4	Symptoms, Signs, and Ill-defined Conditions
5	Other Conditions or Disorders
8	Multiple Diseases, Conditions, or Disorders
9999	Nonclassifiable

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0* **TRAUMATIC INJURIES AND DISORDERS**

This division classifies traumatic injuries and disorders, effects of external agents, and poisoning. Generally, a traumatic injury or disorder is the result of a single incident, event, or exposure.

00 **Traumatic injuries and disorders, unspecified**

This major group classifies traumatic injuries and disorders when the only information available describes the incident as traumatic. For example, employee was hurt in car accident. It is also used for damage or shifting of pins, rods, and other artificial medical implants when there is no mention of a specific injury to the worker's body. Damage to prosthetic devices (artificial limbs and eyes, hearing aids, etc.) without accompanying injury to the worker's body are coded 51. Use code 00 for hip and joint replacements or other medical procedures when the initial injury is not specified.

01* **Traumatic injuries to bones, nerves, spinal cord**

This major group classifies traumatic injuries to the bones, nerves, or spinal cord which include breaking and dislocating bones and cartilage and traumatic injury to the brain, spinal cord, and nerves.

010 **Traumatic injuries to bones, nerves, spinal cord, unspecified****011** **Dislocations**

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

Includes: subluxations; slipped, ruptured, or herniated disc; partial displacement; fractured or broken cartilage; pinched nerves resulting from a dislocation

012 **Fractures**

This nature group classifies traumatic injuries that result in fractures of bones or teeth.

Includes: closed fractures for which no open wound exists; open fractures for which there is an accompanying open wound; comminuted, compound, depressed, elevated, fissured, greenstick, impacted, linear, march, simple, and spiral fracture; slipped epiphysis; stress fractures; broken or chipped tooth; and tooth loss

Excludes: fatal fracture of the back (018), neck (018), rib (094), or skull (068); fracture of cartilage (011); malunion (17); nonunion (17); pathological or spontaneous fracture (17); loose tooth (019)

013 **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, anterior cord syndrome, lesion of spinal cord, and central cord syndrome, pinched nerves involving the spinal cord

Excludes: spinal bone injury (011, 012, or 018), dislocated or herniated disc (011)

014 **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. Diseases or disorders of the nervous system that occur over time as a result of repetitive activity, such as carpal tunnel syndrome, are usually classified in major group 12. Sciatica is coded

*-Asterisks indicate division, major group, or group titles

1721, and pinched nerves in the neck resulting from a repetitive or prolonged activity are coded 1729.

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

Excludes: diseases or disorders affecting the nervous system (12), diseases or disorders affecting the sense organs (12), carpal tunnel syndrome (1241), hearing loss (1261), loss of vision (1255), traumatic transient paralysis (013), severed spinal cord (013); pinched nerve resulting from a dislocation or herniated disc (011); pinched nerve involving the spinal cord (013); sciatica (1721); pinched nerve in the neck, resulting from repetitive or prolonged activity (1729).

018 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 01. It includes fatal back fractures, fatal neck fractures, and fatal atlanto-occipital subluxations

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

Includes: loose tooth

Excludes: broken or chipped tooth (012), tooth loss (012)

02* Traumatic injuries to muscles, tendons, ligaments, joints, etc.

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

Excludes: Joint fractures (012), cartilage fracture (011)

020 Traumatic injuries to muscles, tendons, ligaments, joints, etc., unspecified

021 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 17

Includes: avulsion, hemarthrosis, "pull", rupture, strain, sprain, or tear of joint capsule, ligament, muscle, or tendon; unspecified "twists"

Excludes: hernia (153), lacerations of tendons in open wounds (034), torn cartilage (011)

029 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.

03* Open wounds

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

Includes: amputations (031), nonvenomous animal or insect bites that do not simultaneously produce a parasitic or infectious disease (032), avulsions (033), enucleations (035), cuts and lacerations (034), gunshot wounds (036), puncture wounds (037), stab or impaling wounds (037), needle sticks in which there was no further diagnosis (037), embedded foreign bodies (037)

*-Asterisks indicate division, major group, or group titles

Excludes: abrasions and scratches (041), burns (05), lacerations of internal organs of the trunk in absence of an open wound (094), ruptured arteries or blood vessels of the arm or leg in absence of an open wound (099), venomous animal or insect bites or stings (0951), bites or stings that simultaneously produce a parasitic or infectious disease (Division 2)

030 Open wounds, unspecified

031* Amputations

This nature group classifies the traumatic loss of a limb or other external body part. For an injury to be classified in this nature group, bone must be lost.

Includes: traumatic injuries with bone loss, decapitations, nonfatal amputations resulting from a gunshot wound, medical amputations due to irreparable traumatic injuries, injuries reported as amputation with no mention of bone loss (except those to the ear), amputations of body parts that were surgically reattached

Excludes: traumatic injury without bone loss (033), enucleation--eye removal (035), avulsion of the ear (033), reported amputation of the ear (033), tooth loss (012).

0311 Amputations, fingertip
0319 Amputations, except fingertip

Includes: amputations of parts of the body except to fingertip, decapitations

Excludes: removal of the ear in part or in its entirety

032 Animal or insect bites

This nature group classifies nonvenomous traumatic injuries sustained from an animal or insect bite, such as human, snake, dog, rodent, and mosquito bites.

If an animal or insect bite simultaneously produces a parasitic or infectious disease or disorder select a code within **Infectious and Parasitic Diseases**, Division 2. If the manifestations of the animal or insect bite are the result of the venom or poison, select code 0951.

Includes: nonvenomous animal and insect bites, including human and mosquito bites, without mention of other disease

Excludes: bites that simultaneously produces a parasitic or infectious disease (Division 2); chigger bites (294); sea snake bites (0951); venomous or poisonous bites (0951); bee and wasp stings (0951)

033 Avulsions

This nature group classifies traumatic injuries involve the ripping or tearing away of a body part or a nerve, such as the severing of the tip of the toe without bone loss.

Includes: injury without bone loss, loss of fingertip or tip of the toe without bone loss, severing of the ear--either the entire ear or any part of it

Excludes: amputation with bone loss (031), avulsion of joint capsule, ligament, muscle or tendon (021), tooth loss (012)

034 Cuts, lacerations

Excludes: lacerations that do not involve an open wound (such as a laceration of an internal organ resulting from blunt force trauma)

*-Asterisks indicate division, major group, or group titles

035 Enucleations

This nature group classifies the traumatic removal of an organ, such as an eyeball, in its entirety.

036 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.

037 Punctures, except bites

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

Includes: embedded foreign bodies or splinters stab wounds, and impaling wounds, needlesticks that do not result in a disease

Excludes: animal or insect bites (032, 0951), foreign bodies and splinters with no mention of being embedded (044); needle sticks resulting in a disease; gunshot wounds (036)

038 Multiple open wounds

This nature group classifies multiple injuries and disorders of equal severity within **Open wounds**, major group 03.

039 Open wounds, n.e.c.**04* 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.

040 Surface wounds and bruises, unspecified**041 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.

Excludes: foreign bodies (037 or 044)

042 Blisters

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

Includes: blood blisters and friction blisters

Excludes: blisters associated with burns (045, 05), allergic reaction, or those associated with other diseases, disorders, or injuries

043 Bruises, contusions

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

Includes: hematoma, black eye

*-Asterisks indicate division, major group, or group titles

Excludes: concussion (062), hemarthrosis (021), nontraumatic cerebral hemorrhage (136), traumatic cerebral hemorrhage (061), injuries to the brain (06), injuries to the internal organs of the trunk (094)

044 Foreign bodies (superficial splinters, chips)

This nature group classifies superficial injuries resulting from foreign bodies and splinters that do not become embedded. This code may be used for foreign bodies and splinters in the eye as well as other parts of the body. Nonembedded dirt or dust particles are also included in this category.

Includes: foreign body or splinter without mention of being embedded or of penetration depth

Excludes: embedded foreign body (037), contact with liquids and gases; gunshot wounds (036)

045 Friction burns

Excludes: chemical burns (051) electrical burns (052), heat burns (053), scalds (053), and unspecified burns (050)

048 Multiple surface wounds and bruises

This nature group classifies multiple injuries and disorders of equal severity within **Surface wounds and bruises**, major group 04.

049 Surface wounds and bruises, n.e.c.

05* Burns

This major group classifies burns (tissue damage) resulting from a variety of sources including heat, flame, hot substance, lightning, radiation, the corrosive action of chemicals, chemical compounds or fumes, heat, extremely cold objects, and electricity. Multiple burns of the same type, such as multiple heat burns, are coded to that specific category. When burns of different types are incurred, such as chemical and heat burns, use code 058.

Includes: heat burns (053); thermal burns (053); first, second, and third degree burns; lightning burns (052); radiation burns (059)

Excludes: friction burns (045), frostbite (0711), sunburn (1839), welder's flash (1256), eye injuries resulting from lasers (1259)

050 Burns, unspecified

051 Chemical burns

052 Electrical burns

053 Heat burns, scalds

058 Multiple types of burns

059 Burns, n.e.c.

06* Intracranial injuries

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

Includes: cerebral hemorrhage resulting from traumatic incidents (061), crushed head (060), subdural hematomas (061), fatal skull fractures (068), nonspecific crushing injuries to the head (060), nonspecific closed head injuries—including those that are severe (060), multiple unspecified closed head injuries (060), blunt head injury, unspecified (060)

Excludes: cerebral hemorrhage or strokes resulting from cerebrovascular disease (136), cerebrovascular disease (136), intracranial nerve damage (014), nondescript loss of consciousness (4111), nonfatal skull fractures (012)

060 Intracranial injuries, unspecified

061 Cerebral hemorrhages

*-Asterisks indicate division, major group, or group titles

- 062** **Concussions**
- 068** **Multiple intracranial injuries**
- 069** **Intracranial injuries, n.e.c.**

07* **Effects of environmental conditions**

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

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

Excludes: sunburn (1839), other burns (05)

070 **Effects of environmental conditions, unspecified**

071 **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: chilblains (0719), erythema pernio (0719), and perniosis (0719)

Excludes: burns from extremely cold objects (059), drowning—with or without hypothermia (092)

0710 **Effects of reduced temperature, unspecified**

0711 **Frostbite**

0712 **Hypothermia**

0713 **Trench foot**

0718 **Multiple effects of reduced temperature**

0719 **Effects of reduced temperature, n.e.c.**

072* **Effects of heat and light**

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

Includes: heat apoplexy (0721), heat exhaustion (0729), heat pyrexia (0721), ictus solaris (0721), loss of consciousness associated with heat (0722), siriasis (0721), sunstroke (0721), and thermoplegia (0721)

Excludes: loss of consciousness without reference to heat (4111), sunburn (1839), heat burns (053)

0720 **Effects of heat and light, unspecified**

0721 **Heat stroke**

0722 **Heat syncope**

0723 **Heat fatigue**

0724 **Heat edema**

0728 **Multiple effects of heat and light**

0729 **Effects of heat and light, n.e.c.**

073* **Effects of air pressure**

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

Includes: barosinusitis (0732), barotitis (0731), otitic barotrauma (0731), and sinus barotrauma (0732), ruptured eardrum due to air or water pressure (0739), air or gas embolisms due to diving (0733), decompression sickness or illness (0733)

0730 **Effects of air pressure, unspecified**

0731 **Aero-otitis media**

*-Asterisks indicate division, major group, or group titles

- 0732 Aerosinusitis
- 0733 Caisson disease, bends, divers' palsy
- 0738 Multiple effects of air pressure
- 0739 Effects of air pressure, n.e.c.

- 078 Multiple effects of environmental conditions
- 079 Effects of environmental conditions, n.e.c.

08* Multiple traumatic injuries and disorders

This major group classifies combinations of multiple traumatic injuries or disorders from more than one subgroup within this division. For example, an incident which involved a burn and a fracture, *of equal severity*, would be coded as 083. Combinations involving equally severe cuts and bruises, cuts and abrasions, or cuts, abrasions, and bruises are included in 081. Burns and other injuries, besides fractures, are coded in 085. Multiple unspecified injuries are coded in 080.

Excludes: abrasions and bruises of equal severity (048), multiple internal injuries of the trunk (094), multiple internal injuries (094)

- 080 Multiple traumatic injuries and disorders, unspecified
- 081 Cuts, abrasions, bruises
- 082 Sprains and bruises
- 083 Fractures and burns
- 084 Fractures and other injuries
- 085 Burns and other injuries
- 086 Intracranial injuries and injuries to internal organs
- 089 Other combinations of traumatic injuries and disorders, n.e.c.

09* 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 0.

090 Other traumatic injuries and disorders, unspecified

This nature group classifies traumatic injuries or disorders that can be identified as belonging in codes 091-099, but not enough information is available to determine which code.

091 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: inhaling or choking on food or other substances, and traumatic asphyxiations, except those involving internal injuries of the trunk; positional asphyxia.

Excludes: drownings (092), strangulated hernia (153), asphyxia from gas fumes and vapors (0959), smoke inhalation (0959), carbon monoxide poisoning (0959), asphyxiation due to crushed chest or internal injuries of the trunk (094)

092 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.

093 Electrocutions, electric shocks

This nature group classifies fatal and nonfatal traumatic injuries that result from contact with electric current, including lightning strikes. Most fatalities resulting from electric current are included here although electrical burns may also exist.

*-Asterisks indicate division, major group, or group titles

Excludes: electrical burns (052)

094 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. Ruptured arteries of the arm or leg are coded 099.

Includes: arterial hematoma, internal injuries, traumatic rupturing of blood vessels, fatal crushing injury or blunt force trauma to trunk--abdomen, chest, or pelvis, traumatic aneurysm or fistula, fatal rib fractures, multiple internal injuries of the trunk

Excludes: bruises and contusions (043), blood blisters (042), internal injuries to other parts of the body besides the trunk

095* Other poisonings and toxic effects

This nature group classifies cases of poisoning or the toxic effects resulting from medicinals, drugs, chemicals, venoms, and other substances.

Includes: asphyxia from gas, fumes and vapors (0959), carbon monoxide poisoning (0959), smoke inhalation (0959), toxic effects of food contaminants or noxious food stuffs--non-viral and non-bacterial (0959), lead poisoning (0959), radiation sickness and radiation poisoning unless specified as a pulmonary condition (0952), unspecified effects of radiation (0952), venomous bites and stings (0951), bee and wasp stings (0951), jellyfish stings (0951), spider bites (0951), sea-snake bites (0951)

Excludes: parasitic or infectious poisonings (Division 2), food poisoning (26), animal or insect bites that simultaneously produce a parasitic or infectious disease or disorder (Division 2), other manifestations from animal or insect bites that are not the result of the venom or poison (032), blood poisoning (2197), dermatitis from contact with poison ivy or poison sumac (1823), pulmonary conditions due to radiation poisoning (149)

0950 Other poisonings and toxic effects, unspecified
0951 Animal or insect bites and stings, venomous
0952 Radiation sickness
0959 Other poisonings and toxic effects, n.e.c.

096* Traumatic complications

This nature group classifies complications peculiar to medical or surgical procedures or certain medical complications following traumatic injuries and should be used only when the circumstances of the initial injury is unknown.

Includes: anaphylactic shock with no mention of the underlying injury or illness (0961), unspecified reactions to injections such as tetanus or flu shots (0969), reactions to smallpox vaccines (0969), injuries resulting solely from drug treatment for a possible exposure to a disease, such as HIV or hepatitis (0969)

Excludes: electric shock (093), lightning shock (093), air or fat embolisms resulting from diving or other changes in air or water pressure (0733)

0960 Traumatic complications, unspecified
0961 Traumatic shock
0962 Embolism, air or fat
0968 Multiple traumatic complications
0969 Traumatic complications, n.e.c.

*-Asterisks indicate division, major group, or group titles

097* **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, back went out.

Includes: crushing injuries to upper and lower extremities—arm, leg, hand (0971), hurt back (0972), backache (0972), low back pain (0972), back that "went out" (0972), "popped" knee (0973), jammed finger or thumb (0971), multiple nonspecified injuries, such as pain in back and arm (0978), back spasms (0972), spasms, except of back (0973); inflammation (0972, 0973)

Excludes: crushing injuries involving internal organs (094), crushing injuries to the head (06), strains (021), twisted back (021), nontraumatic back spasms (1729), nontraumatic spasms, except the back (1739); inflammation of joints resulting from repetitive activity (173*); certain eye inflammations (125*); inflammatory diseases

0971 **Crushing injuries**

0972 **Back pain, hurt back**

0973 **Soreness, pain, hurt, except the back**

0978 **Multiple nonspecified injuries and disorders**

0979 **Nonspecified injuries and disorders, n.e.c.**

099 **Other traumatic injuries and disorders, n.e.c.**

Includes: ruptured artery of an arm or leg that resulted from a traumatic injury not involving an open wound to the area

1* **SYSTEMIC DISEASES AND DISORDERS**

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 0); infectious and parasitic diseases (Division 2); neoplasms, cancers, and tumors (Division 3)

10 **Systemic diseases and disorders, unspecified****11*** **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; pupura and other hemorrhagic conditions; and diseases of white blood cells

Excludes: leukemia (3134)

110 **Diseases of the blood and blood forming organs, unspecified****111** **Hemolytic anemia--non-autoimmune**

This nature group classifies hereditary and acquired non-autoimmune hemolytic anemias.

Includes: enzyme deficiency and hemoglobinuria due to hemolysis from external causes; sickle-cell anemia; thalassemias; and hemolytic-uremic syndrome

112 **Aplastic anemia**

This nature group classifies aplastic anemias due to drugs, infection, chronic systemic disease, and radiation.

Includes: aplasia, pancytopenia, and toxic (paralytic) anemia

113 **Agranulocytosis or neutropenia**

This nature group classifies agranulocytosis and neutropenia, diseases of white blood cells.

Includes: Kostmann's syndrome

114 **Methemoglobinemia**

This nature group classifies toxic or acquired methemoglobinemia, a blood condition which can result in cyanosis.

115 **Purpura and other hemorrhagic conditions**

This nature group classifies purpura and other hemorrhagic conditions which may be caused by various factors including blood disorders, vascular abnormalities, and trauma.

Includes: allergic purpura, Evan's syndrome, qualitative platelet defects, thrombasthenia, thrombocytasthenia, and thrombocytopenia

119 **Diseases of blood and blood forming organs, n.e.c.**

This nature group classifies diseases of the blood and blood forming organs that are not classified in any other nature group within major group 11.

Includes: polycythemia, and chronic lymphadenitis

*-Asterisks indicate division, major group, or group titles

12* Nervous system and sense organs diseases

This major group classifies inflammatory, degenerative and other disorders of the central and peripheral nervous system. Also classified are disorders of the sense organs of sight and hearing.

120 Nervous system and sense organs diseases, unspecified
121* 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 (1212) and encephalitis (1211) due to viral, bacterial, fungal and other organisms, and toxic chemicals; intracranial and intraspinal abscess (1219); and phlebitis and thrombophlebitis of intracranial venous sinuses (1219)

Excludes: traumatic injuries or disorders affecting the central nervous system (01), and traumatic intracranial injuries (06)

1210 Inflammatory diseases of the central nervous system, unspecified
1211 Encephalitis
1212 Meningitis
1219 Inflammatory diseases of the central nervous system, n.e.c.

122* Degenerative diseases of the central nervous system

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

Includes: cerebellar ataxia (1221), other spinocerebellar disease (1229), vascular myelopathies (1229) and other myelopathies of the spinal cord (1229); Reye's syndrome (1222); Parkinson's disease (1229); spinocerebellar disease (1229); and anterior horn cell disease (1229)

Excludes: traumatic injuries or disorders affecting the central nervous system (01), and traumatic intracranial injuries (06)

1220 Degenerative diseases of the central nervous system, unspecified
1221 Cerebellar ataxia
1222 Reye's syndrome
1229 Degenerative diseases of the central nervous system, n.e.c.

123* Other disorders of the central nervous system

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

Includes: epilepsy (1239), multiple sclerosis (1239), and paralytic syndromes without additional information (1239)

Excludes: traumatic injuries or disorders affecting the central nervous system (01), and traumatic intracranial injuries (06)

1230 Other disorders of the central nervous system, unspecified
1231 Anoxic brain damage
1232 Migraine
1239 Other disorders of the central nervous system, n.e.c.

*-Asterisks indicate division, major group, or group titles

124* 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.

Includes: Bell's palsy (1249), carpal tunnel syndrome (1241), tarsal tunnel syndrome (1249); other mononeuritis of the extremities (1249), nontraumatic lesion of the median, ulnar and radial nerves (1249), muscular dystrophies (1249)

Excludes: traumatic injury affecting the peripheral nervous system (014)

- 1240 Disorders of the peripheral nervous system, unspecified**
- 1241 Carpal tunnel syndrome**
- 1242 Inflammatory and toxic neuropathy, toxic polyneuropathy**
- 1243 Toxic myoneural disorders**
- 1249 Other disorders of the peripheral nervous system, n.e.c.**

125* 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 (1259); chorioretinal inflammations (1253); disorders of choroid (1259); disorders of the iris and ciliary body (1259); glaucoma (1257); cataracts (1254); nontraumatic visual disturbances (1258); keratitis (1253); disorders of the eyelids, lacrimal system, and other parts of the eye (1259); nonspecific, acute, or chemical conjunctivitis (1252); traumatic and nontraumatic loss of vision (1255); ultraviolet keratoconjunctivitis (1259); redness of the eye (1250); styes (1259); unspecified irritation of the eye (1259); corneal ulcer (1253); eye injuries resulting from exposure to lasers (1259); burning sensation in eye (1259); welder's flash (1256); other flash burns of the eye (1259)

Excludes: traumatic injuries occurring to the eye and adnexa of the eye (Division 0); foreign body in eye (044); chemical burns to the eye (051); viral conjunctivitis (2262); and eye strain (4123)

- 1250 Disorders of the eye, adnexa, vision, unspecified**
- 1251 Solar retinopathy**
- 1252 Conjunctivitis--non-viral**
- 1253 Inflammation except conjunctivitis (including ophthalmia, iritis, chalazion)**
- 1254 Cataract**
- 1255 Blindness, low vision**
- 1256 Welder's flash**
- 1257 Glaucoma**
- 1258 Visual disturbances**
- 1259 Disorders of the eye, adnexa, vision, n.e.c.**

126* 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 (1264), otitis externa (1269), otitis media (1265), otosclerosis (1269), hearing loss sustained from sudden or repeated noise (1261), traumatic and nontraumatic hearing loss (1261)

Excludes: aero-otitis media (0731), barotitis (0731), otitic barotrauma (0731), ruptured eardrum due to air or water pressure (0739), and earache without further description (4122)

*-Asterisks indicate division, major group, or group titles

- 1260 Disorders of the ear, mastoid process, hearing, unspecified
 1261 Deafness, hearing loss or impairment
 1262 Tinnitus
 1263 Otalgia
 1264 Mastoiditis
 1265 Otitis media (except aero-)
 1269 Disorders of ear, mastoid process, and hearing, n.e.c.

129 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 12.

Includes: Anosmia or loss of sense of smell

13* Circulatory system diseases

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

Includes: heart attack (1331); chronic rheumatic heart disease and acute rheumatic fever (131); hypertensive heart disease (132), ischemic heart disease (133); diseases of pulmonary circulation (134); cerebrovascular disease (136); diseases of arteries, arterioles, and capillaries (137); diseases of veins and lymphatics (138); 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 (130)

130 Circulatory system diseases, unspecified
131 Rheumatic fever with heart involvement

Includes: chronic rheumatic heart disease, and rheumatic carditis.

132 Hypertensive disease

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

133* Ischemic heart disease, including heart attack

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

1330 Ischemic heart disease, unspecified
1331 Myocardial infarction (heart attack)

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

1332 Angina

angina pectoris Prinzmetal angina

1339 Ischemic heart disease, n.e.c.

*coronary atherosclerosis;
 nontraumatic aneurysm of heart wall, and coronary vessels.*

134* Diseases of pulmonary circulation

This nature group classifies acute and chronic pulmonary heart disease, and other diseases of pulmonary circulation.

*-Asterisks indicate division, major group, or group titles

1340 Diseases of pulmonary circulation, unspecified
1341 Pulmonary heart disease

acute cor pulmonale
acute pulmonary artery or vein embolism and infarction
primary pulmonary hypertension
kyphoscoliotic heart disease.

1349 Diseases of pulmonary circulation, n.e.c.

arteriovenous fistula of pulmonary vessels
nontraumatic aneurysm of pulmonary artery

135* Other forms of heart disease

This nature group classifies heart disease that is not classified in any other nature group in major group 13.

Includes: acute pericarditis (1359); acute and subacute endocarditis (1359); acute myocarditis, toxic (1351) and non-toxic (1359); cardiomyopathy (1359); cardiac dysrhythmias (1359); heart failure (1352); ill-defined descriptions and complications of heart disease (1353); cardiac arrest when that is the only injury/illness identified (1359)

1350 Other forms of heart disease , unspecified
1351 Toxic myocarditis
1352 Heart failure
1353 Ill-defined descriptions and complications of heart disease
1359 Other forms of heart disease, n.e.c.

136* Cerebrovascular disease

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

Includes: brain attack (1361), cerebrovascular accident--CVA (1361), hemorrhagic stroke (1361), ischemic stroke (1361), mini-stroke (1362), nontraumatic cerebral hemorrhage (1360), occlusion and stenosis of precerebral arteries including embolism and thrombosis (1369); occlusion of cerebral arteries (1369); transient cerebral ischemia (1362); and other acute, ill-defined cerebrovascular diseases (1369)

Excludes: traumatic intracranial injuries (06), traumatic bruises and contusions (043), traumatic cerebral hemorrhage (062)

1360 Cerebrovascular disease, unspecified
1361 Stroke
1362 Transient ischemic attacks
1369 Cerebrovascular disease, n.e.c.

137* Diseases of arteries, arterioles, capillaries

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

Includes: atherosclerosis (1379), aortic and other nontraumatic aneurysms (1372), nontraumatic arterial embolism and thrombosis (1379), Buerger's disease (1379), Goodpasture's syndrome (1379) Raynaud's syndrome (1371), and other peripheral vascular disease (1379)

Excludes: traumatic internal injuries to organs and blood vessels of the trunk (094), traumatic bruises and contusions (043), and traumatic intracranial injuries (06)

1370 Diseases of arteries, arterioles, capillaries, unspecified

*-Asterisks indicate division, major group, or group titles

- 1371 Raynaud's syndrome or phenomenon
 1372 Aneurysm--nontraumatic
 1379 Diseases of arteries, arterioles, capillaries, n.e.c.

138* Diseases of the veins, lymphatics

This nature group classifies diseases of the veins and lymphatics.

Includes: phlebitis (1383); thrombophlebitis (1383); thrombosis and embolism of veins (1389); varicose veins (1381); hemorrhoids (1382); noninfectious disorders of lymphatic channels (1389); hypotension (1389); and other diseases of the veins and lymphatics not elsewhere classified (1389)

Excludes: traumatic internal injuries to organs and blood vessels of the trunk (094), traumatic bruises and contusions (043), and traumatic intracranial injuries (06)

- 1380 Diseases of the veins, lymphatics, unspecified
 1381 Varicose veins
 1382 Hemorrhoids
 1383 Phlebitis
 1389 Diseases of the veins, lymphatics, n.e.c.

139 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 13.

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

14* Respiratory system diseases

This major group consists of diseases of the respiratory system.

Includes: acute and chronic diseases of the upper respiratory tract (141 and 142 respectively); pneumonia and influenza (143); chronic obstructive pulmonary diseases (144); and pneumoconioses (145)

140 Respiratory system diseases, unspecified
141 Acute respiratory infections (including common cold)

This nature group classifies acute respiratory infections.

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

Excludes: chronic conditions

142* 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 (1421), chronic pharyngitis and nasopharyngitis (1422); chronic sinusitis (1422); chronic diseases of tonsils and adenoids (1422), chronic laryngitis and laryngotracheitis (1422); nasal polyps (1429), and peritonsillar abscess (1429)

- 1420 Other diseases of upper respiratory tract, unspecified
 1421 Allergic rhinitis
 1422 Chronic conditions of upper respiratory tract (including chronic sinusitis, pharyngitis)

*-Asterisks indicate division, major group, or group titles

1429 Other diseases of upper respiratory tract, n.e.c.

143* Pneumonia, influenza

This nature group classifies pneumonia due to viral or bacterial agents; pneumonia, due to unspecified organisms; bronchopneumonia; and influenza with or without pneumonia.

- 1430 Pneumonia, influenza, unspecified**
- 1431 Pneumonia**
- 1432 Influenza**
- 1433 Legionnaires' disease**
- 1439 Pneumonia, influenza, n.e.c.**

144* Chronic obstructive pulmonary disease and allied conditions

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

Includes: bronchiectasis (1449), chronic bronchitis (1441), chronic bronchiolitis (1449), emphysema (1442), extrinsic asthma (1443), crab asthma (1443), allergic asthma (1443), nonallergic asthma (1449), extrinsic allergic alveolitis (1444), intrinsic asthma (1449), late-onset asthma when unknown whether intrinsic or extrinsic (1440)

Excludes: cotton-dust asthma (1461), stripper's asthma (1461), miner's asthma (1451); acute conditions

- 1440 Chronic obstructive pulmonary disease and allied conditions, unspecified**
- 1441 Bronchitis**
- 1442 Emphysema**
- 1443 Extrinsic asthma**
- 1444 Extrinsic allergic alveolitis and pneumonitis (including farmers' lung, bagassosis)**
- 1449 Chronic obstructive pulmonary diseases and allied conditions, n.e.c.**

145* Pneumoconioses

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 (1451), asbestosis (1452), silicosis (1453), bauxite fibrosis (1459), graphic fibrosis (1459), and stannosis (1459)

Excludes: mesothelioma (319), lung cancer (319)

- 1450 Pneumoconioses, unspecified**
- 1451 Coal workers' pneumoconiosis (including anthracosis, black lung, miner's asthma)**
- 1452 Asbestosis**
- 1453 Silicosis**
- 1454 Talcosis**
- 1455 Aluminosis**
- 1456 Berylliosis**
- 1457 Siderosis**
- 1458 Pneumoconiosis with tuberculosis**
- 1459 Pneumoconioses, n.e.c.**

146* Pneumonopathy

This nature group classifies lung diseases due to external agents that have not been classified elsewhere.

Includes: Brown lung (1461), cotton-dust asthma (1461), cotton-mill fever (1461), metal fume fever (1462), Monday fever (1461), and stripper's asthma (1461)

*-Asterisks indicate division, major group, or group titles

- 1460** **Pneumonopathy, unspecified**
- 1461** **Byssinosis, Mill fever**
- 1462** **Metal fume fever**
- 1469** **Pneumonopathy, n.e.c.**

149* **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 (1495), empyema (1499), humidifier fever (1491), other forms of pneumonitis (1492), pleurisy (1499), pulmonary edema (1493), pulmonary fibrosis (1494), and spontaneous pneumothorax (1499), pulmonary conditions due to radiation poisoning

- 1490** **Other respiratory system diseases, unspecified**
- 1491** **Humidifier fever**
- 1492** **Pneumonitis, n.e.c.**
- 1493** **Pulmonary edema**
- 1494** **Pulmonary fibrosis, n.e.c.**
- 1495** **Atelectasis, collapsed lung**
- 1499** **Other respiratory system diseases, n.e.c.**

15* **Digestive system diseases and disorders**

This major group classifies diseases of the digestive system.

Includes: diseases of the oral cavity, salivary glands and jaws (151); diseases of the esophagus, stomach, and duodenum (152); hernias involving the digestive system (153); noninfectious enteritis and colitis (154); toxic hepatitis (156); other disease of the liver and pancreas (159)

- 150** **Digestive system diseases and disorders, unspecified**
- 151** **Diseases of oral cavity, salivary glands, jaws**

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

152 **Diseases of esophagus, stomach, 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, and peptic ulcer

Excludes: hernias (153)

153* **Hernia**

This nature group classifies hernias involving the digestive organs.

Includes: abdominal (1533), diaphragmatic (1532), esophageal (1532), femoral (1539), hiatal (1532), inguinal (1531), paraesophageal (1532) scrotal (1531), umbilical (1533), ventral (1533) hernias; ruptured hernias; strangulated hernias

Excludes: herniated disc (011), herniated brain (1231), strangulations (091), bladder prolapse (169), synovial or birkett's hernia (1735)

- 1530** **Hernia, unspecified**
- 1531** **Inguinal hernia**
- 1532** **Hiatal hernia**
- 1533** **Ventral hernia**
- 1539** **Hernia, n.e.c.**

*-Asterisks indicate division, major group, or group titles

154 Noninfectious enteritis and colitis (including ileitis)

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

155 Other diseases of intestines or peritoneum

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

156 Toxic hepatitis--noninfective

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

Excludes: infectious or viral hepatitis (225)

159 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

16* Genitourinary system diseases and disorders

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

Includes: nephritis (1611), nephrotic syndrome (1612), nephrosis (1613); diseases and disorders of the genital tract (163); other diseases of the urinary system (162); bladder prolapse (169)

160 Genitourinary system diseases and disorders, unspecified**161* Nephritis, nephrotic syndrome, and nephrosis**

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

Excludes: hydronephrosis (1629)

1610 Nephritis, nephrotic syndrome, and nephrosis, unspecified**1611 Nephritis****1612 Nephrotic syndrome****1613 Nephrosis****162* Other diseases of urinary system**

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

Includes: cystitis (1621), hydronephrosis (1629), renal failure (1623), urethral stricture (1629), and urethritis (1629)

1620 Other diseases of urinary system, unspecified**1621 Cystitis****1623 Renal failure****1629 Other diseases of urinary system, n.e.c.****163* Diseases and disorders of the genital tract**

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

1630 Diseases and disorders of the genital tract, unspecified

*-Asterisks indicate division, major group, or group titles

- 1631 Infertility
 1632 Spontaneous abortion, miscarriage
 1639 Diseases and disorders of the genital tract, n.e.c.

164 Disorders of breast

This nature group classifies disorders of the breast.

Includes: abscess, benign mammary dysplasias; and mastitis of the breast

Excludes: breast cancer (319)

169 Genitourinary system diseases and disorders, n.e.c.

17* Musculoskeletal system and connective tissue diseases and disorders

This major group classifies diseases of the musculoskeletal system and connective tissue.

Includes: arthropathies (171); dorsopathies (172); rheumatism, except affecting the back (173); rheumatism affecting the back (1729); and osteophthies, chondropathies, and acquired musculoskeletal deformities (174)

Excludes: sprains and strains (021), traumatic injuries to muscles, tendons, ligaments, or joints (02)

170 Musculoskeletal system and connective tissue diseases and disorders, unspecified

171 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, and polyarthritis

Excludes: disorders of the spine (172), gouty arthropathy (1919), rheumatic fever with heart involvement (131)

172* Dorsopathies

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

Includes: spondylitis and spondylosis of the spine (1729); intervertebral disc disorders, except dislocation (1723); sciatica (1721); lumbago (1722); other nontraumatic backaches (1729); pinched nerves in the neck or cervical vertebrae (1729); nontraumatic back spasms (1729)

Excludes: dislocated disc (011), curvature of the spine (1741), fractured spine (012), herniated disc (011), ruptured disc (011), traumatic sprains and strains involving the back (021), and other traumatic injuries to muscles, tendons, ligaments, or joints of the back (02), and traumatic back pain, backache, or back spasms (0972)

- 1720 Dorsopathies, unspecified
 1721 Sciatica
 1722 Lumbago
 1723 Disc disorders, except dislocation
 1729 Dorsopathies, n.e.c.

*-Asterisks indicate division, major group, or group titles

173* Rheumatism, except the back

This nature group classifies disorders 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. Generally, these codes should be used when the condition occurred over time as a result of repetitive activity.

Includes: rotator cuff syndrome (1739), rupture of synovium (1739), nontraumatic spasms affecting a specific part of the body other than the back (1739), heel spurs (1739), trigger finger (1739); tennis elbow (1739), golfer's elbow (1739), epicondylitis—medial or lateral (1739)

Excludes: rheumatism affecting the back is included in code (172), traumatic injuries and disorders affecting the muscles, tendons, ligaments and joints (02); muscle spasms or tremors that affect the entire body and no other specific diagnosis is mentioned (4121); traumatic spasms affecting the back (0972); traumatic spasms affecting a specific part of body other than the back (0973); nontraumatic back spasms (1729); inflammation resulting from traumatic events (0972, 0973)

1730 Rheumatism, except the back, unspecified

1731 Bursitis

1732 Synovitis

1733 Tendonitis

1734 Tenosynovitis

1735 Ganglion/cystic tumor

1736 Myositis

1739 Rheumatism, except the back, n.e.c.

174* Osteopathies, chondropathies, 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; and acquired curvature of the spine

1740 Osteopathies, chondropathies, acquired deformities, unspecified

1741 Curvature of spine

1749 Osteopathies, chondropathies, acquired deformities, n.e.c.

179 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.

18* 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; other inflammatory conditions of the skin; diseases of sebaceous glands; and other disorders of the skin and subcutaneous tissue

180 Disorders of the skin and subcutaneous tissue, unspecified**181* 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.

*-Asterisks indicate division, major group, or group titles

Includes: boils (1811), cellulitis (1812), impetigo (1814), acute lymphadenitis (1813), methicillin resistant staph aureus-MSRA (1810, unless more specific information is available)

Excludes: Erysipelas (2194), Erysipeloid of Rosenbach (2129), Herpes simplex (2235), Herpes zoster (2234), Molluscum contagiosum (2299), and Viral warts (2299)

- 1810 Infections of the skin and subcutaneous tissue, unspecified**
- 1811 Carbuncle and furuncle**
- 1812 Cellulitis and abscess**
- 1813 Acute lymphadenitis (acute abscess of lymph gland or node)**
- 1814 Impetigo**
- 1815 Pilonidal cyst**
- 1816 Pyoderma**
- 1819 Infections of the skin and subcutaneous tissue, n.e.c.**

182* Dermatitis

This nature group classifies dermatitis, or inflammation of the skin, also known as eczema. This category includes contact dermatitis which results from skin contact with allergens or irritant substances; atopic dermatitis, which is a lowered cutaneous (skin) threshold to pruritis (itching) and related conditions; and dermatitis from substances inhaled or ingested. The category excludes dermatitis caused by parasites, conditions not affecting the skin, and the effects of venomous bites and stings.

Dermatitis due to contact with poison ivy, oak, Rhus, or sumac is coded as 1823. Dermatitis resulting from contact with alcohols, caustics, alkalis, acids, detergents, solvents, and oils should be coded as irritant dermatitis (1824) unless specified to be allergic. Dermatitis due to contact with metals; adhesives; rubber, latex, animals, or food should be considered allergic (1823) unless otherwise specified. Occupational dermatitis should be coded as contact dermatitis, unspecified (1822) unless determined to be allergic or irritant.

Excludes: Sunburn (1839); effects of venomous bites and stings (0951); lice (293), scabies, chiggers, and mites (294); hives (1898); cellulitis (1812); chemical burns (051); allergic reactions not affecting the skin; conditions of the eye; dermatoses (1831, 1832); neurodermatitis (1836); perioral dermatitis (1833); pruritis (1837), food poisoning (26); heat rash and prickly heat (1895)

- 1820 Dermatitis, unspecified**
- 1821 Atopic dermatitis and related conditions**
- 1822 Contact dermatitis, unspecified**
- 1823 Allergic contact dermatitis**
- 1824 Irritant contact dermatitis**
- 1825 Other contact dermatitis**
- 1826 Dermatitis due to substances taken internally**
- 1829 Dermatitis, n.e.c.**

183* Other inflammatory conditions of the skin

This nature group classifies other inflammatory conditions of the skin and underlying tissue that are not classified elsewhere.

Includes: dermatoses (1831, 1832); erythematous conditions (1834); lichen (1836); pruritus (1837); psoriasis (1835); sunburn (1839)

- 1830 Other inflammatory conditions of the skin, unspecified**
- 1831 Erythematous dermatosis (including dandruff, parakeratosis, pityriasis)**
- 1832 Bullous dermatoses**
- 1833 Rosacea**
- 1834 Other erythematous conditions**
- 1835 Psoriasis and similar disorders**
- 1836 Lichen**

*-Asterisks indicate division, major group, or group titles

- 1837 Pruritus and related conditions**
1839 Other inflammatory conditions, n.e.c.

184* Diseases of sebaceous glands

This nature group classifies diseases of the sebaceous glands.

Includes: acne varioliformis and other forms of acne (1841); atheroma (1842), keratin (1842), and wen (1842); asteatosis--cutis (1849), and xerosis cutis (1849)

- 1840 Diseases of sebaceous glands, unspecified**
1841 Acne
1842 Sebaceous cyst
1849 Diseases of sebaceous glands, n.e.c.

189* 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.

Includes: callosities (1891), corns (1891); chronic ulcers of skin (1897); hives and urticaria (1898), bumps on skin (1899); heat rash (1895)

Excludes: traumatic disorders of the skin (Division 0), blisters (042), bruises and contusions (043), burns (05), effects of environmental conditions (07), friction burns (045), lacerations (034), and puncture wounds (037)

- 1890 Other diseases and disorders of the skin and subcutaneous tissue, unspecified**
1891 Corns and callosities (including callus, clavus)
1892 Other hypertrophic and atrophic conditions (including acquired keratoderma)
1893 Diseases of the nail (including ingrowing nail)
1894 Diseases of hair and hair follicles (including folliculitis)
1895 Disorders of sweat glands (including prickly heat)
1896 Vitiligo
1897 Chronic skin ulcers
1898 Urticaria, hives
1899 Other diseases and disorders of the skin and subcutaneous tissue, n.e.c.

19 Other systemic diseases and disorders

This major group classifies systemic diseases or disorders not elsewhere classified.

190 Other systemic diseases and disorders, unspecified

191* 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 (2211), HIV infection (221)

- 1910 Endocrine, nutritional, metabolic, and immunity disorders, unspecified**
1911 Diseases and disorders of thyroid gland

Includes: toxic and nontoxic goiter, thyroiditis

1912 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.

*-Asterisks indicate division, major group, or group titles

Includes: diabetes and ovarian and testicular dysfunction

1919 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 19.

Includes: cystic fibrosis; vitamin or mineral deficiencies; amino-acid, carbohydrates and other nutrient transport disorders; gout; disorders involving the immune mechanism; dehydration in the absence of an environmental cause

199 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.

2* **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 (121), pneumonia and influenza due to viral and bacterial agents (143)

20 **Infectious and parasitic diseases, unspecified****21*** **Bacterial diseases**

This major group classifies diseases which are caused by bacterial agents.

Excludes: infectious bacterial diseases specific to the intestines (26), rickettsiosis diseases, (231), typhus (232), lyme disease (237), and Chlamydia diseases (229)

210 **Bacterial diseases, unspecified****211*** **Tuberculoses**

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 reaction to the tuberculin skin test only are coded in 426.

- 2110** **Tuberculoses, unspecified**
- 2111** **Primary tuberculous infection**
- 2112** **Pulmonary tuberculosis**
- 2113** **Miliary tuberculosis**
- 2119** **Tuberculoses, n.e.c.**

212* **Zoonotic bacterial diseases**

This nature group classifies bacterial diseases that are transmissible from animals to man under natural conditions.

Includes: bubonic plague (2121), pneumonic plague (2121), deerfly fever (2122), and rabbit fever (2122)

- 2120** **Zoonotic bacterial diseases,unspecified**
- 2121** **Plague**
- 2122** **Tularemia**
- 2123** **Anthrax**
- 2124** **Brucellosis**
- 2125** **Glanders**
- 2126** **Melioidosis**
- 2127** **Rat-bite fever**
- 2129** **Zoonotic bacterial diseases, n.e.c.**

213* **Syphilis and other venereal diseases**

This nature group classifies subacute to chronic infectious venereal diseases caused by bacterial organisms.

- 2130** **Syphilis and other venereal diseases, unspecified**
- 2131** **Early syphilis**
- 2132** **Cardiovascular syphilis**
- 2133** **Neurosyphilis**
- 2134** **Gonorrhea and other gonococcal infections**
- 2139** **Syphilis and other venereal diseases, n.e.c.**

*-Asterisks indicate division, major group, or group titles

214* Other spirochetal diseases

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

Includes: Weil's disease (2141), Fort Bragg fever, (2141), and swamp fever (2141)

Excludes: lyme disease (237)

2140 Other spirochetal diseases, unspecified**2141 Leptospirosis****2142 Vincent's angina****2143 Yaws****2144 Pinta****2149 Other spirochetal diseases, n.e.c.****219* Other bacterial diseases**

This nature group classifies infectious diseases caused by other bacteria and mycobacteria.

2190 Other bacterial diseases, unspecified**2191 Leprosy****2192 Diphtheria, whooping cough (pertussis)****2193 Streptococcal sore throat and scarlatina****2194 Erysipelas****2195 Meningococcal infection****2196 Tetanus****2197 Septicemia****2198 Actinomycotic infections****2199 Other bacterial diseases, n.e.c****22* 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.

220 Viral diseases, unspecified**221* Human immunodeficiency virus (HIV) infection**

This nature group classifies diseases caused by a virus affecting the immune system. 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 521.

Code 2211, Acquired immune deficiency syndrome (AIDS), is to be used only when there is a diagnosis of AIDS.

2210 Human immunodeficiency virus (HIV) infection, unspecified**2211 Acquired immune deficiency syndrome (AIDS)****2212 AIDS-like syndrome, AIDS-related complex (ARC)****2219 HIV infection, n.e.c.****222* Non-arthropod-borne viral diseases of the central nervous system**

This nature group classifies viral diseases not associated with transmittal of viruses from arthropods--fleas, ticks, lice, etc.

Includes: abacterial meningitis (2223), aseptic meningitis (2223), and viral meningitis (2223)

Excludes: meningitis due to arthropod-borne virus (2249), meningitis due to leptospira (2141), viral encephalitis (2243)

*-Asterisks indicate division, major group, or group titles

- 2220 Non-arthropod-borne viral diseases of the central nervous system, unspecified
- 2221 Acute poliomyelitis
- 2222 Slow virus infection of central nervous system
- 2223 Meningitis due to enterovirus
- 2224 Other enterovirus diseases
- 2229 Non-arthropod-borne viral diseases of the central nervous system, n.e.c.

223* Viral diseases accompanied by exanthem (eruptive fever)

This nature group classifies viral diseases characterized by fever and skin eruptions or rashes. Shingles is coded 2234.

- 2230 Viral diseases accompanied by exanthem (eruptive fever), unspecified
- 2231 Smallpox
- 2232 Cowpox and paravaccinia
- 2233 Chickenpox
- 2234 Herpes zoster
- 2235 Herpes simplex
- 2236 Measles
- 2237 Rubella/German measles
- 2239 Viral diseases accompanied by exanthem (eruptive fever), n.e.c.

224* Arthropod-borne viral diseases

This nature group classifies viral diseases transmitted by organisms having a hard, jointed exoskeleton and paired, jointed legs. Also included in this group are viral diseases transmitted by arachnids.

- 2240 Arthropod-borne viral diseases, unspecified
- 2241 Yellow fever
- 2242 Dengue
- 2243 Viral encephalitis
- 2244 Hemorrhagic fever
- 2249 Arthropod-borne viral diseases, n.e.c.

225* Viral Hepatitis

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

Excludes: noninfective toxic hepatitis (156)

- 2250 Viral Hepatitis, unspecified
- 2251 Type A viral hepatitis (infectious hepatitis)
- 2252 Type B viral hepatitis (serum hepatitis)
- 2259 Non Type A or Type B viral hepatitis

226* Viral diseases of the conjunctiva

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

Excludes: non-viral disorders of the conjunctiva (125)--If the source document only specifies conjunctivitis, select code 1252

- 2260 Viral diseases of the conjunctiva, unspecified
- 2261 Trachoma
- 2262 Viral conjunctivitis (ophthalmia)
- 2269 Viral diseases of the conjunctiva, n.e.c.

*-Asterisks indicate division, major group, or group titles

229* Other diseases due to viruses and Chlamydiae

This nature group classifies other diseases due to viruses and chlamydiae.

Includes: viral warts (2299), sweating fever (2299), miliary fever (2299), and cytomegalovirus (2299)

Excludes: hepatitis conditions due to viruses and chlamydiae (225), diseases of the conjunctiva due to viruses and chlamydiae (226)

2290 Other diseases due to viruses and Chlamydiae, unspecified**2291 Rabies****2292 Mumps****2293 Ornithosis (including parrot fever, psittacosis)****2294 Specific diseases due to Coxsackie virus****2295 Infectious mononucleosis****2296 Cat scratch disease****2297 Foot and mouth disease****2299 Other diseases due to viruses and Chlamydiae, n.e.c.****23* 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, and lice.

Excludes: arthropod-borne viral diseases (224)

230 Other arthropod-borne diseases, unspecified**231* Rickettsioses diseases**

This nature group classifies diseases due to Rickettsiae bacteria.

Includes: tick-born rickettsioses (2313)

2310 Rickettsioses diseases, unspecified**2311 Spotted fevers****2312 Q fever****2313 Tick typhus****2314 Trench fever****2319 Rickettsioses diseases, n.e.c.****232 Typhus**

This nature group classifies acute, arthropod-borne infections caused by rickettsiae.

Includes: Brill-Zinsser disease, classic typhus, epidemic typhus, louse or flea borne typhus, and scrub or tropical typhus

Excludes: tick typhus (2313)

233 Malaria

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

234 Leishmaniasis

This nature group classifies arthropod-borne diseases caused by parasitic protozoa resulting in visceral, cutaneous, or mucocutaneous leishmaniasis.

*-Asterisks indicate division, major group, or group titles

235 Trypanosomiasis (including Chagas' disease)

This nature group classifies arthropod-borne diseases caused by parasitic protozoa of the genus Trypanosoma.

Includes: Chagas' disease and sleeping sickness

236 Relapsing fever

This nature group classifies louse and tick-borne diseases caused by parasitic protozoa.

237 Lyme disease

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

239 Other arthropod-borne diseases, n.e.c.

This nature group classifies other arthropod-borne disease.

Includes: bartonellosis, Carrion's disease, oroya fever, and verruga peruana

24* Mycoses

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

Excludes: actinomycotic infections (219)

240 Mycoses, unspecified**241 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.

242 Dermatomycosis

This nature group classifies fungal infections affecting the skin or appendages caused by Trichophyton, Microsporum, and Epidermophyton species of fungi.

243 Candidiasis

This group of diseases include infection by the Candida species of fungi.

244 Coccidioidomycosis

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

245 Histoplasmosis

This nature group classifies diseases caused by infection with the Histoplasma capsulatum fungus. Infection usually is caused by inhalation of the fungus.

246 Blastomycotic infection (including paracoccidioidomycosis)

This nature group classifies infections caused by a yeastlike organism.

*-Asterisks indicate division, major group, or group titles

249 Mycoses, n.e.c.

This nature group classifies specified infections caused by Microbes, n.e.c.

Includes: allescheriosis, aspergillosis, chromoblastomycosis, cryptococcosis, mycotic mycetomsa, rhinosporidiosis, sporotichosis, zygomycosis

25* Helminthiases

This major group classifies diseases that are caused by parasitic worms.

250 Helminthiases, unspecified
251 Schistosomiasis (including bilharziasis)

This nature group classifies infections resulting from parasitic worms (flukes) of the genus Schistosoma.

252 Other trematode infections (including fluke)

This nature group classifies infections resulting from any parasitic organism belonging to the class Trematoda.

253 Echinococcosis

This nature group classifies infections, or cysts, that are caused by the Echinococcus granulosus tapeworm. The liver and lungs are the sites most frequently affected.

254 Other cestode infection (including tapeworm)

This nature group classifies diseases caused by tapeworms of the class Cestoidea.

255 Trichinosis

This nature group classifies diseases due to infection by trichinae, a nematode parasite.

256 Filarial infection and dracontiasis

This nature group classifies diseases due to infection by nematode parasitic worms.

257 Ancylostomiasis and necatoriasis

This nature group classifies diseases due to infection by nematode parasites of the Ancylostomidae and Necator families.

258 Unspecified intestinal parasitism

This nature group classifies diseases due to unspecified intestinal parasites.

259 Helminthiases, n.e.c.

This nature group classifies diseases due to parasitic worms, n.e.c.

Includes: anisakiasis, ascariasis, capillariasis, enterobiasis, strongliodiasis, trichostrongyliasis, and trichuriasis

*-Asterisks indicate division, major group, or group titles

26* **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 260.

Excludes: helminthiasis diseases (25)

260 **Infectious diseases peculiar to the intestines, unspecified****261** **Cholera**

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

262 **Typhoid and paratyphoid fevers**

This nature group classifies acute infectious diseases caused by Salmonella typhi or paratyphi bacterium.

263 **Other salmonella infections**

This nature group classifies other infections or food poisoning by Salmonella bacteria.

264 **Shigellosis**

This nature group classifies diseases produced by infection with bacterial organisms of the genus Shigella. It includes bacillary dysentery.

265 **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..

Excludes: salmonella-caused food poisoning (263), toxic effects of food contaminants (0959)

266 **Amebiasis**

This nature group classifies infection due to amebae, usually to E. histolytica (entamoeba histolytica). It includes amoebic dysentery.

267 **Colitis**

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

268 **Dysentery**

This nature group classifies unspecified dysentery. Bacillary dysentery is coded in 264, and amoebic dysentery is coded in 266.

269 **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, and infectious enteritis and gastroenteritis

29* **Other infectious and parasitic diseases**

*-Asterisks indicate division, major group, or group titles

This major group classifies other infections and parasitic diseases that not peculiar to the intestines.

Excludes: infections and parasitic diseases peculiar to the intestines (26)

290 Other infectious and parasitic diseases, unspecified

291 Toxoplasmosis

This nature group classifies infections by the protozoan Toxoplasma gondii.

292 Trichomoniasis

This nature group classifies infections from the Trichomonas protozoa.

293 Pediculosis and phthirus infestation (lice)

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

294 Acariasis (including scabies, chiggers, mites)

This nature group classifies conditions, usually a dermatitis, caused by acarids or mites.

295 Other infestations (including maggots, leeches, jigger disease)

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

296 Sarcoidosis

This nature group classifies sarcoidosis, a disease of unknown etiology.

299 Other infectious and parasitic diseases, n.e.c.

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

Includes: ainhum, Behcet's syndrome, pneumocystosis, psorospermiasis, and sarcosporidiosis

3* NEOPLASMS, TUMORS, AND CANCER

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.

31* Malignant neoplasms and tumors (cancers, carcinomas, sarcomas)

This major group classifies cancers that 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. These codes are not designed to capture information on whether a malignant neoplasm is restricted to the original body site or has metastasized.

310 Malignant neoplasms and tumors (cancers, carcinomas, and sarcomas), unspecified
311* Malignant neoplasms and tumors of bone or connective tissue

This nature group includes cancers of the bone and articular cartilage; and connective and other soft tissue.

Includes: malignant neoplasms of the periosteum, or covering of bones (3111); blood vessel, bursa, fascia, fat, ligament, muscle, nerves and ganglia, synova, tendon, and tendon sheath (3112)

Excludes: malignant neoplasm of hematopoietic tissue (313); lung cancer (319); breast cancer (319)

- 3110 Malignant neoplasms and tumors of bone or connective tissue, unspecified**
- 3111 Bone, articular cartilage**
- 3112 Connective and other soft tissue**
- 3118 Multiple malignant neoplasms and tumors of bone or connective tissue**

312* 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, and sweat glands

- 3120 Malignant neoplasms and tumors of the skin, unspecified**
- 3121 Melanoma of the skin (melanocarcinoma)**
- 3122 Non-melanoma skin cancer (squamous and basal cell)**
- 3128 Multiple malignant neoplasms and tumors of the skin**

313* Malignant neoplasms and tumors of lymphatic and hematopoietic tissue

This nature group classifies cancers of the lymphatic and hematopoietic tissue.

- 3130 Malignant neoplasms and tumors of lymphatic and hematopoietic tissue, unspecified**
- 3131 Lymphosarcoma and reticulosarcoma (lymphoma)**
reticulum cell sarcoma
- 3132 Hodgkin's disease**
nodular sclerosis
- 3133 Multiple myeloma**
Kahler's disease Myelomatosis

*-Asterisks indicate division, major group, or group titles

- 3134 Leukemias**
lymphoid *myeloid*
monocytic *Di Guglielmo's disease*
erythremic myelosis *Heilmeyer-Schoner disease*
- 3138 Multiple malignant neoplasms and tumors of lymphatic and hematopoietic tissue**
- 3139 Malignant neoplasms and tumors of lymphatic and hematopoietic tissue, n.e.c.**

319 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.

Includes: malignant neoplasms and tumors of the digestive organs and peritoneum, respiratory and intrathoracic organs, genitourinary organs, brain, eyeball, endocrine glands, and oral cavity or pharynx; mesothelioma; lung cancer; breast cancer

32* Benign neoplasms and tumors

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

320 Benign neoplasms and tumors, unspecified

321* 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 (3211); blood vessel, bursa, fascia, fat, ligament, muscle, nerves and ganglia, synova, tendon, and tendon sheath (3214); plantar fibromatosis (3214)

Excludes: benign neoplasm of hematopoietic tissue (329)

- 3210 Benign neoplasms of bone, connective tissue, and skin, unspecified**
3211 Benign neoplasms of bone and articular cartilage
3212 Lipoma (fatty tumor)
3213 Benign neoplasms of the skin
3214 Other benign neoplasms of connective and other soft tissue
3218 Multiple benign neoplasms of bone, connective tissue, and skin

329* 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; genitourinary organs; brain; eyeball; endocrine glands, and oral cavity pharynx

- 3290 Benign neoplasms and tumors of other sites, unspecified**
3291 Hemangioma and lymphangioma--any site
3298 Multiple benign neoplasms and tumors of other sites
3299 Benign neoplasms and tumors of other sites, n.e.c.

*-Asterisks indicate division, major group, or group titles

33* 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

330 Neoplasms and tumors of unknown properties, unspecified**331 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.

332 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, and parasympathetic nerves and ganglia

333 Skin neoplasms and tumors of unknown properties

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

338 Multiple neoplasms and tumors of unknown properties**339 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.

4* 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 can not 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.

40 Symptoms, signs, and ill-defined conditions, unspecified**41* 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.

410 Symptoms, unspecified

Includes: sick building syndrome when symptoms are unspecified.

411* General symptoms

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

Includes: fainting (4111), hallucinations (4119), hyperhidrosis (4119), sleep disturbances (4119), excessive sweating (4119), chills (4119), and stupor (4119); numbness (4119)

Excludes: Heat related loss of consciousness or fainting (0722)

4110 General symptoms, unspecified**4111 Loss of consciousness--not heat related****4112 Convulsions, seizures****4113 Malaise and fatigue****4114 Dizziness****4115 Non-specified allergic reaction****4118 Multiple general symptoms****4119 General symptoms, n.e.c.****412* Symptoms involving nervous and musculoskeletal systems**

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

Includes: abnormal involuntary movements (4121), spasms affecting the entire body with no specific diagnosis (4121), abnormality of gait (4129), lack of coordination (4129), tetany (4129), and meningismus (4129)

Excludes: spasms resulting from traumatic injuries (0972, 0973), nontraumatic spasms affecting the back (1729), nontraumatic spasms affecting specific parts of the body, except the back (1739)

4120 Symptoms involving nervous and musculoskeletal systems, unspecified**4121 Spasms or tremors, n.e.c.****4122 Earache****4123 Eye strain****4128 Multiple symptoms involving nervous and musculoskeletal systems****4129 Symptoms involving nervous and musculoskeletal systems, n.e.c.****413* Symptoms involving skin and other integumentary tissue**

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

Includes: unspecified jaundice (4139), changes in skin texture (4139), and disturbances of skin sensation (4139)

*-Asterisks indicate division, major group, or group titles

- 4130 Symptoms involving skin and other integumentary tissue, unspecified**
- 4131 Edema (including dropsy)**
- 4132 Cyanosis**
- 4133 Pallor and flushing**
- 4138 Multiple symptoms involving skin and other integumentary tissue**
- 4139 Symptoms involving skin and other integumentary tissue, n.e.c.**

414* Symptoms involving head and neck

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

Includes: throat pain (4149), irritated throat (4149), aphasia (4149), and nosebleed or epistaxis (4149)

- 4140 Symptoms involving head and neck, unspecified**
- 4141 Headache, except migraine**
- 4142 Loss of voice, voice disturbances**
- 4148 Multiple symptoms involving head and neck**
- 4149 Symptoms involving head and neck, n.e.c.**

415* Symptoms involving cardiovascular system

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

Includes: palpitations (4159), cardiac murmurs (4159), and abnormal heart sounds (4159)

- 4150 Symptoms involving cardiovascular system, unspecified**
- 4151 Unspecified tachycardia (rapid heart beat)**
- 4152 Gangrene**
- 4153 Enlargement of lymph nodes**
- 4158 Multiple symptoms involving cardiovascular system**
- 4159 Symptoms involving cardiovascular system, n.e.c.**

416* Symptoms involving respiratory system and chest

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

Includes: orthopnea (4169), stridor (4169), tachypnea (4169), wheezing (4169), irritated lungs (4160), and shortness of breath (4169)

- 4160 Symptoms involving respiratory system and chest, unspecified**
- 4161 Hyperventilation**
- 4162 Hemoptysis (cough with hemorrhage)**
- 4163 Abnormal sputum**
- 4164 Chest pain**
- 4168 Multiple symptoms involving respiratory system and chest**
- 4169 Symptoms involving respiratory system and chest, n.e.c.**

417* Symptoms involving digestive and urinary system

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

Includes: dysphagia/difficulty in swallowing (4179), peristalsis (4179), renal colic (4179), dysuria (4179), and tenesmus (4179)

- 4170 Symptoms involving digestive and urinary system, unspecified**
- 4171 Nausea and vomiting**
- 4172 Heartburn**
- 4173 Frequency of urination and polyuria**
- 4174 Oliguria and anuria**
- 4175 Abdominal pain, unspecified**

*-Asterisks indicate division, major group, or group titles

4178 Multiple symptoms involving digestive or urinary system

4179 Symptoms involving digestive and urinary system, n.e.c.

418 Multiple symptoms

This group contains multiple symptoms from more than one subgroup within the major group 41. For example, abdominal pain, dizziness and a headache, all of equal severity.

419 Other symptoms, n.e.c.

This nature group classifies the residual symptoms that cannot be classified under any other three digit member of the major group.

Includes: hepatomegaly, splenomegaly, and ascites

42* 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.

420 Abnormal findings, unspecified

421* Abnormal findings from examination of blood

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

Includes: abnormal blood-gas level (4212), unspecified bacteremia and viremia (4219), anisocytosis and poikilocytosis (4219)

4210 Abnormal findings from examination of blood, unspecified

4211 Abnormal blood level of lead

4212 Abnormal blood level of substances, except lead

4219 Abnormal findings from examination of blood, n.e.c.

422 Abnormal findings from examination of urine

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

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

423 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.

424 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.

Includes: coin lesion or shadow of lung, abnormal mammogram results

425 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)

*-Asterisks indicate division, major group, or group titles

426 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, and abnormal karyotype

Excludes: diagnosed tuberculosis (211)

427 Multiple abnormal findings

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

429 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 42.

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

48* Multiple symptoms, signs, and ill-defined conditions**480 Multiple symptoms, signs, and ill-defined conditions, unspecified****481 Multiple chemical sensitivity**

This major section classifies multiple signs and symptoms that are associated with exposure to multiple chemicals.

489 Multiple symptoms, signs, and ill-defined conditions, n.e.c.

This major section classifies multiple signs, symptoms and ill-defined conditions which can be individually found throughout Division 4.

49 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 can not be assigned to another code category within Division 4.

*-Asterisks indicate division, major group, or group titles

5* 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.

51 Damage to prosthetic devices

This major group classifies injuries or illnesses sustained to a prosthetic device only. If the incident involves a part of the body, code for the specific injury or illness named.

Includes: damage to corrective lenses, dentures, glass eyes, hearing aids, and artificial limbs when there is no mention of injury to the worker's actual body

Excludes: damage to pins, rods, replaced joints, artificial medical implants, and other internal repair or interbody fusion devices; damage to the worker's actual body

52* Mental disorders or syndromes

This major group is comprised of neurotic, psychotic and organic mental disorders or syndromes. See Appendix B, Volume 1 of the ICD-9-CM for a glossary of mental disorders.

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--witnessing a traumatic amputation of another person--code the mental disorder.

520 Mental disorder or syndrome, unspecified**521* Anxiety, stress, neurotic disorders**

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 (5214), anxiety over exposure to a disease, such as HIV (5211, 5212)

- 5210 Anxiety, stress, neurotic disorders, unspecified**
- 5211 Post-traumatic anxiety--acute**
- 5212 Post-traumatic anxiety--chronic**
- 5213 Panic disorder**
- 5214 Neurotic reaction to stress**
- 5218 Multiple anxiety, stress, neurotic disorders**
- 5219 Neurotic disorders, n.e.c.**

522* Organic mental disorders--neurotic or psychotic

This nature group classifies neurotic and psychotic disorders organic in nature such as substance-induced mental disorders; organic affective syndrome; and other mental disorders not elsewhere classified.

- 5220 Organic mental disorders--neurotic or psychotic, unspecified**
- 5221 Substance-induced mental disorder**
- 5222 Organic affective syndrome**
- 5228 Multiple organic mental disorders--neurotic or psychotic**
- 5229 Organic mental disorders--neurotic or psychotic, n.e.c.**

529 Mental disorders or syndromes, n.e.c.

This group classifies other mental disorders or syndromes not specified as either neurotic or organic mental disorders; or a combination of neurotic and organic mental disorders.

*-Asterisks indicate division, major group, or group titles

59 Other diseases, conditions, and disorders, n.e.c.

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, Symptoms, Signs and Ill-defined Conditions, and Other Diseases, Conditions, and Disorders.

9999 Nonclassifiable

This code is used for cases where there is insufficient information to select even an unspecified code at the division level or if there appears to be no injury or illness. For example, this code would be selected if there was an exposure to tuberculosis, but TB test results were negative.

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SECTION 2.2	
<p style="text-align: center;">Part of Body Affected</p>	

SECTION CONTENTS	
2.2.1	Definition, Rules of Selection
2.2.2	Titles and Descriptions

2.2.1 Part of Body Affected--Definition, Rules of Selection
--

The part of body affected identifies the part of the body directly affected by the previously identified nature of injury or illness.

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 and 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** (including Concussion) 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**; for lung cancer, choose **Lung**.*
- 2.3.1 When the illness is cancer, choose the classification code for the original site of cancer.
- 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 **Multiple Body Parts**. *Example: For dislocated shoulder and fractured upper arm, choose **Multiple Body Parts**.*

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 0, Head) to the bottom of the body (Division 4, Lower Extremities). Division 5 classifies body systems. Division 8 classifies multiple body parts from two or more divisions. Division 9 classifies Prosthetic devices and any human parts of the body which are not classified or listed under any of the other divisions.

Part of Body Affected code description pages are numbered from DP-1 through DP-13 (the "D" meaning "description, the "P" meaning "part of body affected").

The divisions are identified by title at the top right corner of each page.

The Part of Body Affected divisions are arranged as follows:

<u>DIVISION</u>	<u>TITLE</u>
0	Head
1	Neck, Including Throat
2	Trunk
3	Upper Extremities
4	Lower Extremities
5	Body Systems
8	Multiple Body Parts
9	Other Body Parts
9999	Nonclassifiable

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0* **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 09.

00 **Head, unspecified**

This code is typically used for gunshot wounds to the head when a more specific location, such as face, is not available.

01* **Cranial region, including skull**

This major group classifies the region that is bordered by the face in front and the neck below.

Select code 011 when concussion or other intracranial injury is named as the nature of the injury. It is also used for migraines. It should not be used for gunshot wounds.

Select code 013 when a nonfatal skull fracture is the nature of injury.

Includes: brain and brain stem (011), hair (012), occipital, parietal, and temporal bones (013), skin (012), subcutaneous connective tissue, cartilage, and muscles of the cranial region (019)

- 010** **Cranial region, unspecified**
- 011** **Brain**
- 012** **Scalp**
- 013** **Skull**
- 018** **Multiple cranial region locations**
- 019** **Cranial region, n.e.c.**

02 **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, cochlea, concha, eardrum, eustachian tube, hammer, helix, lobule, middle ear or tympanic cavity, outer ear canal, scapha, semicircular canals, stirrup (stapes), and tragus

03* **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, and veins and arteries

- 030** **Face, unspecified**
- 031** **Forehead**

Includes: eyebrow(s)

032 **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.

*- Asterisks indicate division, major group, or group titles.

Includes: conjunctiva, cornea, eyeball, inside and outside of the eyelids, iris, lacrimal glands, lens, optic nerve, orbit, retina, and upper and lower eyelashes

033* **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 0330 when the nature of injury or illness named is from **Traumatic Injuries or Disorders**, Nature of Injury or Illness Division 0, such as fracture or contusion.

0330 **Nose, except internal location of diseases or disorders**

Internal Nasal Location of Diseases or Disorders:

Generally, select codes 0331-0339 when the nature of injury or illness named is found in Division 1 through 5 of the Nature of Injury or Illness structure.

0331 **Internal nasal location, unspecified**
0332 **Nasopharynx**
0333 **Nasal passages**
0334 **Sinuses**
0338 **Multiple internal nasal locations**
0339 **Internal nasal location, n.e.c.**

034 **Cheek(s)**

035 **Jaw/chin**

036* **Mouth**

This nature 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 0369 if loss of taste has been named as the nature of injury or illness.

0360 **Mouth, unspecified**
0361 **Lip(s)**
0362 **Tongue**
0363 **Tooth(teeth)**
0364 **Gum**
0368 **Multiple mouth locations**
0369 **Mouth, n.e.c.**

038 **Multiple face locations**

039 **Face, n.e.c.**

08 **Multiple head locations**

09 **Head, n.e.c.**

Select **Head, n.e.c.** if the nature of injury or illness named is amputation--decapitation.

*- Asterisks indicate division, major group, or group titles.

1* **NECK, INCLUDING THROAT**

This division classifies that 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 to the bottom.

If the nature of injury or illness named is amputation, and the point of amputation is neck, select **Head, n.e.c.**, code 09.

10 **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 0 of the Nature of Injury or Illness structure.

Includes: bony structures (cervical vertebrae C1 – C7), cartilage, muscle, skin, subcutaneous tissue, and veins and arteries of the neck

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 1 through 5 of the Nature of Injury or Illness structure.

11 **Internal neck location, unspecified**

Select this code when an irritated or sore throat is the nature of injury or illness.

12 **Vocal cord(s)**

This major group classifies either of two pairs of folds projecting in the larynx cavity.

13 **Larynx**

This major group classifies the organ of the voice, the voice box, located between the trachea and the base of the tongue.

14 **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.

15 **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.

16 **Trachea**

This major group classifies the trachea, the cartilaginous and membranous tube that extends from the bottom of the larynx to the bronchi. Also known as the windpipe.

18 **Multiple internal neck locations****19** **Internal neck location, n.e.c.**

*- Asterisks indicate division, major group, or group titles.

2* **TRUNK**

This division classifies the main part of the body, where the head and limbs are attached. The area is bounded by the neck, arms, 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 5 of this structure.

Includes: bones, cartilage, internal organs and structures, muscles, nerves, skin, subcutaneous tissue, tendons, veins and arteries, and internal organs and structures of the trunk.

20 **Trunk, unspecified**

Includes: side

21 **Shoulder, including clavicle, scapula**

This major group classifies the region where the arm(s) join the trunk and includes the armpit.

If the nature of injury or illness named is amputation, and the point of amputation is shoulder, select **Upper arm(s)**, code 311.

Includes: clavicle/collar bone, proximal humerus, scapula/shoulder blade, shoulder girdle, armpit and rotator cuff

Excludes: mid-shaft humerus (311)

22* **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.

220 **Chest, except internal location of diseases or disorders****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 1 through 5 of the Nature of Injury or Illness structure. These codes are not to be used for internal injuries.

221 **Internal chest location, unspecified****222** **Esophagus****223** **Heart****224** **Bronchus****225** **Lung(s), pleura****226** **Breast(s)--internal****228** **Multiple internal chest locations****229** **Internal chest location, n.e.c.****23*** **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, spine, spinal cord, tendons, veins and arteries, vertebra (backbone)

Excludes: neck or cervical vertebrae – C1- C7 (10)

230 **Back, including spine, spinal cord, unspecified****231** **Lumbar region**

*- Asterisks indicate division, major group, or group titles.

This group classifies the region of the back that includes 5 vertebrae (L1 – L5) on the spinal column and is located in the lower portion of the back. Also known as the lower back.

Select this code when low back pain or lumbago is named as the nature of injury or illness.

232 Thoracic region

This group classifies the region of the back that includes 12 vertebrae (T1 – T12) on the spinal column and is located just below the cervical vertebrae of the neck. Also known as the middle and upper back.

233 Sacral region

This group classifies the region of the back that includes 5 fused bones (S1 – S5) and is located just below the lumbar region.

Includes: sacrum

234 Coccygeal region

This group classifies the region of the back that includes 4, and sometimes 5, fused bones (CO1 – CO4) and is also known as the tailbone.

Includes: coccyx, tailbone

238 Multiple back regions

239 Back, including spine, spinal cord, n.e.c.

24* Abdomen

This major group classifies that portion of the body which lies between the thorax and the pelvis.

240 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 1 through 5 of the Nature of Injury or Illness structure. These codes are not to be used for internal injuries.

For hernias, code the organ that was affected rather than the muscle through which the organ protruded. Use code 241 when the type of hernia and location are unspecified. Use code 2450, **Intestines, peritoneum, unspecified** for abdominal, femoral, inguinal, scrotal, and ventral hernias when the specific portion of the intestine affected is unknown. Use code 242 **Stomach** for diaphragmatic, esophageal, hiatal, and paraesophageal hernias.

Includes: abdominal cavity

241 Internal abdominal location, unspecified

242 Stomach organ

243 Spleen

244* Urinary organs

2440 Urinary organs, unspecified

2441 Bladder

2442 Kidney(s)

2448 Multiple urinary organs

2449 Urinary organs, n.e.c.

245* Intestines, peritoneum

2450 Intestines, peritoneum, unspecified

2451 Peritoneum

2452 Small intestine

2453 Large intestine/colon, rectum

*- Asterisks indicate division, major group, or group titles.

- 2458 Multiple intestinal locations
- 2459 Intestines, n.e.c.
- 246* Other digestive structures
 - 2460 Other digestive structures, unspecified
 - 2461 Liver
 - 2462 Gallbladder
 - 2463 Pancreas
 - 2468 Multiple other digestive structures
 - 2469 Other digestive structures, n.e.c.
- 248 Multiple internal abdominal locations
- 249 Internal abdominal location, n.e.c.
- 25* 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.

When inguinal hernia is the nature of injury or illness listed, select code 2450, **Intestines, peritoneum, unspecified** unless more specific information is available. If the nature of injury or illness named is amputation, and the point of amputation is hip, select **Thigh**, code 411.

Includes: sacroiliac (259)

Excludes: intestines (245)

 - 250 Pelvic region, unspecified
 - 251 Hip(s)
 - 252 Pelvis
 - 253 Buttock(s)
 - 254 Groin
 - 255* External reproductive tract structures
 - 2550 External reproductive tract structures, unspecified
 - 2551 Scrotum
 - 2552 Penis
 - 2553 External female genital region
 - 2558 Multiple external reproductive tract structures
 - 2559 External reproductive tract structures, n.e.c.
 - 256* Internal reproductive tract structures
 - 2560 Internal reproductive tract structures, unspecified
 - 2561 Prostate
 - 2562 Testis(testes)
 - 2563 Ovary(ies)
 - 2564 Uterus
 - 2565 Female genitals, n.e.c.
 - 2568 Multiple internal reproductive tract structures
 - 2569 Internal reproductive tract structures, n.e.c.
 - 258 Multiple pelvic region locations
 - 259 Pelvic region, n.e.c.
- 28 Multiple trunk locations
- 29 Trunk, n.e.c.

*- Asterisks indicate division, major group, or group titles.

3* **UPPER EXTREMITIES**

This division classifies the extremities that are bounded by the shoulder at the top with the fingers as the lowermost part included.

Includes: bones, cartilage, muscles, skin, subcutaneous tissue, veins and arteries

30 **Upper extremities, unspecified****31*** **Arm(s)**

This major group classifies the upper extremities from the area above the wrist up to the shoulder and includes the mid-shaft (311) and distal (312) parts of the humerus. The proximal humerus and armpit are coded as the shoulder (21).

If the injury or illness involves the same part of the left, right, or both arms, select a code from this major group.

If the nature of injury named is amputation, and the point of amputation is elbow, select **Forearm(s)**, code 313.

310 **Arm(s), unspecified****311** **Upper arm(s)****312** **Elbow(s)****313** **Forearm(s)****318** **Multiple arm(s) locations****319** **Arm(s), n.e.c.****32** **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 wrist(s) from the right, left, or both arms.

If the nature of injury or illness named is amputation, and the point of amputation is the wrist, select **Hand(s), except finger(s)**, code 33.

33 **Hand(s), except finger(s)**

This major group classifies the part of the upper extremity at the end of the forearm. Select this code whether the injury or illness involves hand(s) from the right, left, or both arms.

If the nature of injury or illness named is amputation, and the point of amputation is the wrist or hand, select this code. If the only information on the source document is hand, with no mention of fingers being included or excluded, select this code.

Includes: knuckles and the areas between the fingers

Excludes: fingers (34) and wrist (32)

34 **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).

Includes: distal phalanx (phalanges), medial phalanx (phalanges), proximal phalanx (phalanges), thumb

*- Asterisks indicate division, major group, or group titles.

38* Multiple upper extremities locations

This major group classifies combinations of differing parts of the body within this division.

380 Multiple upper extremities locations, unspecified**381** Hand(s) and finger(s)

Includes: combinations of at least one hand and one finger

382 Hand(s) and wrist(s)

Includes: combinations of at least one hand and one wrist

383 Hand(s) and arm(s)

Includes: combinations of at least one hand and one arm

389 Multiple upper extremities locations, n.e.c.**39** Upper extremities, n.e.c.

*- Asterisks indicate division, major group, or group titles.

4* 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

40 Lower extremities, unspecified**41* Leg(s)**

This major group classifies the lower extremities between the hip and the ankle.

If the injury or illness involves the same part of the left, right, or both legs, select a code from this major group.

If the nature of injury or illness named is amputation, and the point of amputation is knee, select **Lower leg(s)**, code 413.

- 410 Leg(s), unspecified**
- 411 Thigh(s)**
- 412 Knee(s)**
- 413 Lower leg(s)**
- 418 Multiple leg(s) locations**
- 419 Leg(s), n.e.c.**

42 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.**, code 439.

43* Foot(feet), except toe(s)

This major group classifies the final or 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.**, code 439. 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), except toe(s),unspecified**, code 430.

Includes: the areas between the toes

- 430 Foot(feet), except toe(s), unspecified**
- 431 Instep(s)**
- 432* Sole(s)**
 - 4320 Sole(s), unspecified**
 - 4321 Ball(s) of the foot**
 - 4322 Arch(es)**
 - 4323 Heel(s)**
 - 4328 Multiple sole(s) locations**
 - 4329 Sole(s), n.e.c.**
- 438 Multiple foot(feet) locations**
- 439 Foot(feet), n.e.c.**

*- Asterisks indicate division, major group, or group titles.

44 Toe(s), toenail(s)

This major 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.

48* Multiple lower extremities locations

This major group classifies combinations of differing parts of the body within this division.

480 Multiple lower extremities locations, unspecified**481 Foot(feet) and leg(s)**

Includes: combinations of at least one foot and one leg

482 Foot(feet) and ankle(s)

Includes: combinations of at least one foot and one ankle

483 Foot(feet) and toe(s)

Includes: combinations of at least one foot and one toe

489 Multiple lower extremities locations, n.e.c.**49 Lower extremities, n.e.c.**

*- Asterisks indicate division, major group, or group titles.

5 BODY SYSTEMS

This division classifies the various systems of the body. This code 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 Systemic Diseases or Disorders (Division 1), the part of body affected is not necessarily body systems. Generally neoplasms will be coded to the individual body part (or organ) rather than body systems.

8 MULTIPLE BODY PARTS

This division classifies multiple body parts from two or more divisions.

9* **OTHER BODY PARTS**

This division classifies any parts of the body which are not classified or listed under any other division.

91 **Prosthetic 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 device(s) is involved; otherwise select the human part of body affected.

Includes: corrective lens(es), denture(s), artificial eye(s), hearing aid(s), and artificial limb(s)

Excludes: pins, rods, replaced joints, artificial medical implants, and other internal repair devices or interbody fusion devices; damage to the worker's actual body

98 **Other body parts, n.e.c.**

This major group classifies any human parts of the body which are not classified or listed under any other division.

9999 **Nonclassifiable**

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SECTION 2.3

**Source of
Injury or
Illness;
Secondary Source
of Injury
or Illness**

SECTION CONTENTS	
2.3.1	Source of Injury or Illness Definition, Rules of Selection
2.3.2	Secondary Source of Injury or Illness Definition, Rules of Selection
2.3.3	Titles and Descriptions

2.3.1 Source of Injury or Illness--Definition, Rules of Selection
--

The source of injury or illness identifies the object, substance, bodily motion, or exposure which directly produced or inflicted the previously identified injury or illness.
--

3.0 DEFINITION

The source of injury or illness identifies the object, substance, bodily motion, or exposure which directly produced or inflicted the previously identified injury or illness.

RULES OF SELECTION:

3.1 Name as the source of injury or illness the object, substance, element, or bodily motion which *directly produced the injury or illness previously identified* in the nature of injury or illness classification.

3.2 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;
- 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; or
- the incident involved a tractor and agricultural equipment combination.

In these instances, code that **part** as source.

3.3 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.

3.4 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.

3.5. Coding **Bodily motion or position** as the source of injury or illness:

3.5.1 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:

- 1) falling
- 2) bumping into or striking an external object

2.3.1 Source of Injury or Illness--Rules of Selection (continued)
--

- 3) nonrepetitive lifting, pushing, pulling, welding, or throwing an external object
- 3.5.2 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.
- 3.6 If, as the result of a **transportation accident**, a person who was in or on a **vehicle or mobile equipment** is injured, name the vehicle or mobile equipment as the source of injury.
- 3.7 Selecting Source from **multiple objects or substances**:
 - 3.7.1 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:
 - 1) When the choice is between a moving object and a stationary object, select the moving object. *Example: If a person is struck by a moving vehicle and thrown against a post, name the vehicle as the source of injury.*
 - 2) When the choice is between two moving objects or between two stationary objects, select that which was contacted last. *Example: If a person falls from an elevator, striking one or more objects in the course of his fall, but finally striking the floor, name the floor surface as the source of injury.*
 - 3.7.2 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:
 - 1) When there are two substances from the Chemical Division, select the appropriate "Multiple" code for that combination of chemicals.
 - 2) When the two objects or substances are in the same Division, 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.
 - 3) When the two objects or substances are not in the same Division, use the code for **Other sources, n.e.c.**
- 3.8 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 had an automobile accident resulting in injury, select vehicle as the source.

2.3.2 Secondary Source of Injury or Illness--Definition, Rules of Selection
--

The secondary source of injury or illness identifies the object, substance, or person that generated the source of injury or illness or that contributed to the event or exposure.
--

5.0 DEFINITION

The secondary source of injury or illness identifies the object, substance, or person that **generated** the source of injury or illness or that **contributed to** the event or exposure.

RULES OF SELECTION:

- 5.1 Use the Source of Injury or Illness Classification Structure for coding secondary source of injury or illness.
- 5.2 When the source of injury or illness is a **moving object or harmful substance**, name the machine, tool or equipment which generated the source or which propelled it. If none, name the work object from which the source originated, such as the steel plate from which a metal chip fell. Exceptions to this rule for Fires, Explosions, Assaults, and Transportation Accidents are noted below.
- When the source is an infectious agent, name the object or person through which the agent was transmitted.
- 5.3 When **involuntary motion** leads to an injury or illness,--**such as when a worker slips, trips, or is pushed or pulled into an object**--name the object or substance, other than source, which contributed to the involuntary motion. Examples of objects and substances that could contribute to involuntary motion include clothing, jewelry, or cleaning cloths that pulled the worker into a machine, and substances such as ice, water, or grease that a worker slipped on.
- If no other contributing factor is named for incidents involving falls to lower levels, name the surface or object from which the worker fell.
- 5.4 If the event is **Fires** or **Explosions**, name the flammable substance, other than the source, that ignited or exploded. If none is noted, name the machine, equipment, or object, other than the source, that caught fire or exploded.
- 5.5 If the event is **Assaults and Violent Acts**, name the person, if not the source, who committed the act.
- 5.6 If the event is **Repetitive motion** or **Sustained viewing**, name the machine, tool, or equipment that was being used or handled.

2.3.2 Secondary Source of Injury or Illness--Rules of Selection (continued)

- 5.7 If the event is a **Transportation Accident** involving a collision, name the vehicle, machine, or object with which the source collided.
- 5.8 In the absence of a specific rule above, 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.

- 5.9 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.

- 5.10 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.

2.3.3	Source of Injury or Illness; Secondary Source of Injury or Illness--Titles and Descriptions
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<p>The Source of Injury or Illness code structure is arranged in ten divisions, 0 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.</p>

Source of Injury or Illness code description pages are numbered from DS-1 through DS-96 (the "D" meaning "description, the "s" meaning "source").

The divisions are identified by title at the top right corner of each page.

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

<u>DIVISION</u>	<u>TITLE</u>
0	Chemicals and Chemical Products
1	Containers
2	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

0* CHEMICALS AND CHEMICAL PRODUCTS

This division includes chemicals and chemical products in various states--liquids, gas, fumes, vapors, and solids. In general, the specific chemical code (major groups 01-05, 08, and 09) 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 groups 06-07) should be used.

Unspecified vapors or fumes--either toxic or nontoxic--that are not the product of combustion should be coded Chemicals and chemical products, unspecified, code 00. 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 0941, carbon monoxide.

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; and other chemicals and chemical products.

Excludes: Tars and sealants (46); metallic minerals (54); nonmetallic minerals, except fuels (55); smoke and fire gases (9342); scrap, waste, debris (95) unless specified as chemical; and nonchemical steam and vapors (96).

00 Chemicals and chemical products, unspecified**01*** Acids

This group includes acids of various types.

Includes: Acid gases--halogen; inorganic acids--halogen; inorganic acids--other; and organic acids.

Excludes: Benzoic and phenylacetic acids (as herbicides) (064); LSD (0742).

010 Acids, unspecified**011*** Acid gases--halogen

Acid gases--halogen, which are halogen gases that form an acid when dissolved in water, are included in this category.

0110 Acid gases, unspecified**0111** Hydrogen bromide

Anhydrous hydrobromic acid

0112 Hydrogen chloride

Anhydrous hydrochloric acid

Chlorohydric acid

Hydrochloric acid gas

0113 Hydrogen fluoride

Anhydrous hydrofluoric acid

Fluorohydric acid gas

Hydrofluoric acid gas

0114 Hydrogen iodide

Anhydrous hydriodic acid

Hydriodic acid gas

0119 Acid gases, n.e.c.

* - Asterisks indicate division, major group, or group titles.

012* Inorganic acids--halogens

Included in this group are simple inorganic acids involving the halogens--bromine, chlorine, fluorine, iodine, and astatine. Certain acids containing chlorine--perchloric, chloric, chlorous, and hypochlorous acids--are coded under 0131, chlorine containing oxyacids. Other inorganic acids are coded under 013.

0120 Inorganic acids--halogens, unspecified**0121 Hydriodic acid**

Aqueous hydrogen iodide

0122 Hydrobromic acid

Aqueous hydrogen bromide

0123 Hydrochloric acid

Aqueous hydrogen chloride
Muriatic acid

0124 Hydrofluoric acid

Aqueous hydrogen fluoride

0129 Inorganic acids--halogens, n.e.c.**013* Inorganic acids--other**

This group includes inorganic acids with the exception of the simple halogen inorganic acids, which are coded under 012.

0130 Inorganic acids, unspecified**0131 Chlorine-containing oxyacids**

Chloric acid
Chlorous acid

Hypochlorous acid
Perchloric acid

0132 Nitric acid

Aqua fortis
Red fuming nitric acid (RFNA)
White fuming nitric acid (WFNA)

0133 Phosphoric acid**0134 Sulfuric acid**

Battery acid

0139 Inorganic acids, n.e.c.

<i>Arsenic acid</i>	<i>Dithionic acid</i>	<i>Orthoperiodic acid</i>
<i>Arsenous acid</i>	<i>Dithionous acid</i>	<i>Orthosilicic acid</i>
<i>Bromic acid</i>	<i>Hypobromous acid</i>	<i>Orthotelluric acid</i>
<i>Bromous acid</i>	<i>Hypoiodous acid</i>	<i>Perchromic acid</i>
<i>Carbonic acid</i>	<i>Hypophosphorous acid</i>	<i>Periodic acid</i>
<i>Chlorosulfonic acid</i>	<i>Hyponitrous acid</i>	<i>Permanganic acid</i>
<i>Chromic acid</i>	<i>Hyposulfurous acid</i>	<i>Perrhenic acid</i>
<i>Cyanic acid</i>	<i>Iodic acid</i>	<i>Pertechnic acid</i>
<i>Dichloroacetic acid</i>	<i>Isocyanic acid</i>	<i>Phosphorous acid</i>
<i>Dichromic acid</i>	<i>Manganic acid</i>	<i>Rhenic acid</i>
<i>Dichloropropionic acid</i>	<i>Metaboric acid</i>	<i>Selenic acid</i>
<i>Difluorophosphoric acid</i>	<i>Metaphosphoric acid</i>	<i>Sulfoxylic acid</i>
<i>Diphosphoric acid</i>	<i>Metsilicic acid</i>	<i>Sulfurous acid</i>
<i>Diphosphorous acid</i>	<i>Nitrous acid</i>	<i>Technetic acid</i>
<i>Disulfuric acid</i>	<i>Nitroxyl acid</i>	<i>Triphosphoric acid</i>
<i>Disulfurous acid</i>	<i>Orthoboric acid</i>	

* - Asterisks indicate division, major group, or group titles.

014* Organic acids

This group contains the organic acids such as acetic acid, the acrylic acids, the carbolic acids, hydrocyanic acid, peracetic acid, and picric acid, among others. Inorganic acids are coded under 012 and 013. Acid gases are under 011.

0140 Organic acids, unspecified**0141 Acetic acid, vinegar****0142 Acrylic acids***Acrylic acid**Methacrylic acid**Polyacrylic acid**Polymethacrylic acid***0143 Carbolic acids***Phenol***0144 Hydrocyanic acid****0145 Peracetic acid****0146 Picric acid***Carbazotic acid**Nitroxanthic acid**Phenol trinitrate**Picronitric acid**Trinitrophenol***0149 Organic acids, n.e.c.***Acetylsalicylic acid**Adipic acid**Alkanesulfonic acid**Benzoic acid**Bromoacetic acid**Butyric acid**Capric acid**Caprylic acid**Chloroacetic acid**Chlorobutyric**Chloroisocyanuric acid**Chloropropionic acid**Cyanoacetic**Etching acid, liquid, n.o.s.**Fluoboric acid**Fluoroacetic acid**Fluorosulfonic acid**Formic acid**Hexafluorophosphoric acid**Hexanoic acid**Hydrofluorosilicic acid**Iodoacetic acid**Isobutyric acid**Isopentoic acid**Lauric acid**Monofluorophosphoric acid**Oleic acid**Oxalic acid**Nitrohydrochloric acid**Palmitic acid**Performic acid**Persulfuric acid**Phthalic acid**Phenylacetic acid**Phenylstearic acid**Propionic acid**Salicylic acid**Sebacic acid**Stearic acid**Thioglycolic acid**Trichloroacetic acid**Valeric acid***018 Multiple acids****019 Acids, n.e.c.****02* Alkalies**

This major group includes chemicals commonly known as alkalies, bases, or caustics. Caustic, unspecified should be coded as 0200. Wet and dry cement mix, mortar, and lime (except for chlorinated lime) are included under 021, Calcium hydroxides, calcium oxides. Lye and products, such as drain and oven cleaners that contain lye are included under 024, sodium and potassium hydroxide, potassium carbonate. Chlorinated lime is included under chlorine, code 0422. Limestone is coded under Carbonates--calcium, sodium, code 022.

* - Asterisks indicate division, major group, or group titles.

Includes: Calcium hydroxides, calcium oxides, calcium and sodium carbonates, dry/wet cement, lime, lithium hydroxide, sodium and potassium hydroxide, potassium carbonate

Excludes: Chlorinated lime (0422); nonlye oven cleaners.

020 Alkalies, unspecified

021* Calcium hydroxides, calcium oxides

0210 Calcium hydroxide, calcium oxide, unspecified

0211 Cement, mortar mix--dry

0212 Cement, mortar mix--wet

0213 Lime

Burnt lime

Calx

Fluxing lime

Pebble lime

Quick lime

Slaked lime

Unslaked lime

0219 Calcium hydroxide, calcium oxides, n.e.c.

022* Carbonates--calcium, sodium

0220 Carbonates--calcium, sodium, unspecified

0221 Limestone, calcium carbonate

0222 Sodium bicarbonate, baking soda

0223 Sodium carbonate, soda ash

0229 Carbonates, n.e.c.

023 Lithium hydroxide

024 Sodium and potassium hydroxide, potassium carbonate

Carbonate of potash

Caustic potash

Caustic soda

Lye

Pearl ash

Potassium carbonate

Potassium hydroxide

Sodium hydroxide

028 Multiple alkalies

029 Alkalies, n.e.c.

03* Aromatics and hydrocarbon derivatives, except halogenated

This major group includes alcohols, aldehydes, amines, aromatics, ethers, ketones, peroxides, and nitrohydrocarbons, except for those containing the halogens--chlorine, fluorine, bromine, iodine, or astatine. Halogenated compounds are included under major group 04, Halogens and halogen compounds.

Includes: Alcohols, antifreeze, aldehydes, amines--nonaromatic, aromatics, ethers, ketones, peroxides

Excludes: Aromatics and hydrocarbon derivatives containing halogens (04)

030 Aromatics and hydrocarbon derivatives, except halogenated, unspecified

* - Asterisks indicate division, major group, or group titles.

031* Alcohols

This category includes various types of alcohols. Antifreeze and radiator coolant are included in this category as a separate subcategory (0311). Category 031 should be used to code alcohol as the source of injury incurred during the manufacture of alcoholic beverages. Alcoholic beverages, code 0741, should be selected when alcohol is used as a beverage.

0310 Alcohol, unspecified**0311 Antifreeze**

Radiator coolant
Radiator fluid

0312 Ethanol

Cologne spirit
Ethyl alcohol
Ethyl hydrate
Ethyl hydroxide

Grain alcohol
Methylated spirit
Spirit of wine

0313 Ethylene glycol

1,2-Ethanediol
Glycol

Glycol alcohol
EG

0314 Fusel oil

Amyl alcohol
Butyl alcohol

Propyl alcohol

0315 Methanol

Carbinol
Methyl alcohol

Wood alcohol
Wood spirits

0316 Propanol

Dimethyl carbinol
Isopropanol
Isopropyl alcohol

n-propyl alcohol
Rubbing alcohol
Secondary propyl alcohol

0319 Alcohol, n.e.c.

Allyl alcohol
Glycerol
n-butyl alcohol
Pentyl alcohols

Propenyl alcohol
Propylene glycol
Vinyl carbinol

032* Aldehydes

This category includes acrolein, formaldehyde, acetaldehyde, formalin, and the other aldehydes. Ketones are coded under 036.

0320 Aldehyde, unspecified**0321 Acetaldehyde**

Acetic aldehyde
Aldehyde

Ethyl aldehyde

0322 Acrolein

Acraldehyde
Acrylic aldehyde

Allyl aldehyde
Propenol

0323 Formaldehyde

Formic aldehyde
Methyl aldehyde
Methylene oxide

Oxomethane
Oxymethylene

* - Asterisks indicate division, major group, or group titles.

0324 Formalin**0329 Aldehydes, n.e.c.**

Butyraldehyde
2-Furaldehyde
Furol
Furfural

Furfuraldehyde
Propionaldehyde
Pyromucic aldehyde

033* Amines--nonaromatic

This group includes the nonaromatic amines only. Aniline and the other aromatic amines are coded as 0341.

0330 Nonaromatic amines, unspecified**0331 Methyl amine****0339 Nonaromatic amines, n.e.c.**

Butyl amine
Ethyl amine

Isopropyl amine
Propyl amine

034* Aromatics

This group contains the cyclical hydrocarbons based on the benzene ring. They are also known as the aromatics. The aromatic amines are included in this group. The nonaromatic amines are coded under 033.

0340 Aromatics, unspecified**0341 Aniline and other aromatic amines**

2-Acetylaminofluorene
alpha-, beta-
Naphthylamine
Aminobenzene
Aminodiphenyl
Benzidine
Butter yellow

2-Chloroaniline
4-Dimethylaminoazobenzene
3,3'-Dichlorobenzidine
Methyl yellow
Moca

0342 Benzene

Benzol
Benxole
Coal naptha

Cyclohextriene
Phene
Phenyl hydride

0343 Toluene

Methylbenzene
Methylbenzol

Phenylmethane
Toluol

0344 Xylene

Dimethylbenzene
Xylol

0349 Aromatics, n.e.c.**035* Ethers**

This group includes various types of ether. Anesthetic ether is coded under 0351.

0350 Ethers, unspecified**0351 Diethyl ether**

Anesthetic ether
Diethyl oxide
Ether

Ethoxyethane
Ethyl ether
Ethyl oxide

* - Asterisks indicate division, major group, or group titles.

0352	Dimethyl ether <i>Methyl ether</i>	
0353	Ethylene oxide <i>Anprolene</i> <i>Dimethylene oxide</i>	<i>1,2-Epoxyethane</i> <i>Oxirane</i>
0354	Methyl ethyl ether	
0355	Vinyl ether	
0359	Ethers, n.e.c. <i>Dioxane</i>	
036*	Ketones	
	This group includes acetone, mesityl oxide, methyl ethyl ketone (MEK), as well as other ketones.	
0360	Ketones, unspecified	
0361	Acetone <i>Dimethyl ketone</i> <i>Propanone</i>	<i>2-Propanone</i> <i>Pyroacetic ether</i>
0362	Mesityl oxide	
0363	Methyl ethyl ketone <i>Butanone</i> <i>Ethyl methyl ketone</i>	<i>MEK</i>
0364	Methyl n-butyl ketone <i>2-hexanone</i> <i>MBK</i>	<i>Propyl acetone</i>
0369	Ketones, n.e.c. <i>Diacetone</i> <i>Diacetone alcohol</i> <i>Diacetyl</i>	<i>Methyl isobutyl ketone</i> <i>Methyl n-propyl ketone</i>
037*	Peroxides	
	Included in this group are peroxides. Bleaching agents including hair bleach that contain hydrogen peroxide are included in 0372. Unspecified hair bleaches and dyes are included in 0721, Hair preparations.	
0370	Peroxides, unspecified	
0371	Benzoyl peroxide	
0372	Hydrogen peroxide	
0373	Lithium peroxide	
0374	Potassium peroxide	
0375	Sodium peroxide	
0379	Peroxides, n.e.c.	
038	Multiple aromatics and hydrocarbon derivatives, except halogenated, n.e.c.	

* - Asterisks indicate division, major group, or group titles.

039* Aromatics and hydrocarbon derivatives, except halogenated, n.e.c.**0391 Nitro hydrocarbons**

<i>Acridine</i>	<i>Hydrazine</i>
<i>Aliphatic and organic nitrogen compounds</i>	<i>Nitrobenzene</i>
<i>Dinitrobenzene</i>	<i>4-Nitrobiphenyl</i>
<i>Dinitro-o-cresol</i>	<i>Nitroethane</i>
<i>Dinitrophenol (DNP)</i>	<i>2-Nitropropane</i>
<i>Dinitrotoluene (DNT)</i>	

0399 Other aromatics and hydrocarbon derivatives, except halogenated, n.e.c.**04*** 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, 043.

Vinyl chloride and polyvinyl chloride are included under plastics, resins, code 095. Chlorinated hydrocarbons used as insecticides should be classified under that category, code 0652. Acids containing the halogens are included under major group 01, Acids.

This group includes table salt and calcium-, sodium-, and potassium-chlorides (0429) when these specific chemicals are specified. Unspecified salt, rock salt, ice-melting salt, and road salt are classified in Chemical products, n.e.c., code 0799 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 (011, 012); insecticides (065); nonchlorine bleaches (0731 or 0372); vinyl chloride, polyvinyl chloride (0954); lead salts (0541).

040 Halogens and halogen compounds, unspecified**041*** Bromine and bromine compounds

0410 Bromine compounds, unspecified
0411 Bromine
0412 Ethylene dibromide
0413 Methyl bromide
0414 Potassium bromide
0419 Bromine and bromine compounds, n.e.c.

042* Chlorine and chlorine compounds

0420 Chlorine compounds, unspecified
0421 Carbon tetrachloride
0422 Chlorine, chlorine bleach
0423 Methyl chloride
Chloromethane

0424 Pentachlorophenol
0425 Perchloroethylene
0426 Polychlorinated biphenyls (PCBs)
0427 Trichloroethylene
0429 Chlorine compounds, n.e.c.

<i>Calcium chloride</i>	<i>Ethyl chloride</i>
<i>Chloroethane</i>	<i>Methylene chloride</i>
<i>Chloroform</i>	<i>Phosgene</i>
<i>Dichloromethane</i>	<i>Potassium chloride</i>
<i>Sodium chloride</i>	<i>Table salt</i>
<i>Muriate of potash</i>	<i>White potash</i>

* - Asterisks indicate division, major group, or group titles.

043* Fluorine and fluorine compounds**0430 Fluorine compounds, unspecified****0431 Fluorine****0432 Fluorotrichloromethane***Freon**Monofluorotrichloromethane**Refrigerant 11**Trichlorofluoromethane**Trichloromonofluoromethane***0433 Fluorocarbons, n.e.c.****0434 Methyl fluoride****0439 Fluorine compounds, n.e.c.****044 Iodine and iodine compounds****048 Multiple halogens and halogen compounds****049 Halogens and halogen compounds, n.e.c.***Astatine and compounds***05* 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, code 54.

Finished metal products should be coded under the appropriate functional category.

Includes: Arsenic, arsenic compounds, beryllium and beryllium compounds, cadmium and cadmium compounds, lead and lead compounds, mercury and compounds, aluminum and aluminum compounds, antimony, chromium and chromium compounds, iron and iron compounds, magnesium and magnesium compounds, manganese, nickel and nickel compounds, zinc and zinc compounds, welding or soldering fumes, unspecified or n.e.c.

Excludes: Finished metal products; molten or solid metals; radiating metals (542); coal dust (081); grain dust (525); and other nonmetallic dusts (95)

050 Metallic particulates, trace elements, dusts, powders, fumes, unspecified**051 Arsenic, arsenic compounds****052 Beryllium and beryllium compounds****053 Cadmium and cadmium compounds****054* Lead and lead compounds**

This group includes both organic and inorganic lead compounds. When it cannot be determined whether the substance is organic or inorganic, use code 0540, Lead and lead compounds, unspecified.

0540 Lead and lead compounds, unspecified**0541 Inorganic lead compounds***Lead dioxide**Lead oxide**Lead salts**Lead soaps*

* - Asterisks indicate division, major group, or group titles.

- 0542 Organic lead compounds**
Alkyl lead
Lead acetate
Lead arsenate
Tetraethyl lead
Tetramethyl lead
- 0549 Lead and lead compounds, n.e.c.**
- 055 Mercury and compounds**
- 056* Other metallics and compounds**
- 0561 Aluminum and aluminum compounds**
0562 Antimony
0563 Chromium and chromium compounds
0564 Iron and iron compounds
0565 Magnesium and magnesium compounds
0566 Manganese
0567 Nickel and nickel compounds
0568 Zinc and zinc compounds
0569 Other metallics and compounds, n.e.c.
- 057 Welding or soldering fumes, unspecified or n.e.c.**
- This category 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 054. Fumes given off by other heat processes including smelting should be coded under the appropriate metal compound, if known. If unknown, the unspecified category 050 should be used.
- 058 Multiple metallics and metallic compounds**
- 059 Metallic particulates, trace elements, dusts, powders, fumes, n.e.c.**
- 06* Agricultural chemicals and other pesticides**
- 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 064, herbicides. Only fertilizers not elsewhere classifiable should be included in code 061. An unspecified pesticide should be coded 060.
- Lime should be classified under code 021, Calcium hydroxide, calcium oxide. Ammonium compounds should be classified under code 091.
- Includes:* Fertilizers and plant food, n.e.c.; fumigants, n.e.c.; fungicides; herbicides; insecticides; rodenticides
- Excludes:* Ammonium compounds (091); calcium hydroxide, calcium oxide, lime (021); muriate of potash, white potash (0429).
- 060 Agricultural chemicals and other pesticides, unspecified**
- 061 Fertilizers, plant food, n.e.c.**
- This category includes fertilizers and plant foods not elsewhere classifiable. Mixtures of fertilizers and plant foods with herbicides are included under 064, Herbicides.
- Superphosphates*
- 062 Fumigants, n.e.c.**

* - Asterisks indicate division, major group, or group titles.

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 0732, if the specific chemical is unknown.

063 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 073.

<i>Dithiocarbamates</i>	<i>Organic mercurials (used in seed dressing)</i>
<i>Ferban</i>	<i>Pentachlorophenols</i>
<i>Maneb</i>	<i>Zineb</i>
<i>Nabam</i>	<i>Ziram</i>

064* Herbicides

Chemicals in this category are used to control plant growth of various types. This category includes weed killers. Also included in this category are mixtures of plant foods and fertilizers with herbicides.

0640 Herbicides, unspecified

Weed killer

0641 Benzoic and phenylacetic acids

<i>Chlorfenec</i>	<i>2,4-D</i>
<i>Dicamba</i>	<i>2, 4-DEP</i>
<i>Erbon</i>	<i>2,4,5-T</i>
<i>MCPA</i>	<i>2,3,6-TBA</i>
<i>MCPB</i>	<i>2, 4, 5-Trichlorophenoxyacetic acid (2, 4, 5-T)</i>
<i>Silvex</i>	<i>-(2,4,5-trichlorophenoxy) propionic acid</i>
	<i>4-chloro-2-methylphenoxyacetic acid</i>

0642 Bipyridyls

Diquat

Paraquat

0643 Carbamate and thiocarbamate herbicides

Vapam

0644 Dinitro compounds

Dinosam (DNAP)

Dinoseb (DNBP)

Dinitro-orthoeresol (DNOC)

0645 Phenols

Pentachlorophenol

0646 Triazines

Atrazine

Simazine

2-chloro-4, 6-bis(ethylamino)-S-triazine

0649 Herbicides, n.e.c.

Agent orange

Chlorates

Crag herbicide

Delapon

Diuron

Fenuron

Mixtures of plant foods and fertilizers with herbicides

Monuron

065* Insecticides

This category includes various chemicals used to control insects and is broken down into organochlorine compounds or chlorinated hydrocarbons; organophosphorus compounds; carbamates; and other compounds. When insecticides from two or more of these categories produced the injury or illness, code 0658 should be used.

0650 Insecticides, unspecified

* - Asterisks indicate division, major group, or group titles.

0651	Carbamate insecticides		
	<i>Aldicard</i>		<i>Thiram</i>
	<i>Baygon</i>		<i>Vapam</i>
	<i>Carbaryl (Sevin)</i>		<i>Zectran</i>
	<i>Propoxur</i>		
0652	Organochlorine compounds		
	<i>Benzene hexachloride (BHC)</i>	<i>Dieldrin</i>	<i>Lindane</i>
	<i>Chlordane</i>	<i>Endrin</i>	<i>Mirex</i>
	<i>DDT</i>	<i>Heptachlor</i>	<i>Thiodan</i>
	<i>Dicofol (Kelthane)</i>	<i>Kepone</i>	<i>Toxaphene</i>
0653	Organophosphorus compounds		
	<i>Abate</i>	<i>Dursban</i>	<i>Mevinphos</i>
	<i>Bidrin</i>	<i>EPN</i>	<i>Organophosphates</i>
	<i>DDVP (Vapona)</i>	<i>Ethion</i>	<i>Parathion</i>
	<i>Demeton</i>	<i>Fenthion (Baytex)</i>	<i>Phenylsulphtion</i>
	<i>Diazinon</i>	<i>Gardona</i>	<i>Phorate</i>
	<i>Dibrom (Naled)</i>	<i>Guthion</i>	<i>Phosdrin</i>
	<i>Dicathon</i>	<i>Malathion</i>	<i>Supracide</i>
	<i>Diclorvo</i>	<i>Metasystox</i>	<i>Systox</i>
	<i>Dimethoate (Cygon)</i>	<i>Methyl parathion</i>	<i>TEPP</i>
	<i>Tetraethyl pyrophosphate</i>	<i>Thimet</i>	
0658	Multiple insecticides		
0659	Insecticides, n.e.c.		
	<i>Kerosene insecticides</i>	<i>Pyrethrum</i>	
	<i>Nicotine</i>	<i>Rotenone</i>	

066 Rodenticides

Included in this category are various substances used to destroy or control mice, rats, squirrels, and other rodents.

<i>Coumarins</i>	<i>Pival (Pivalyn)</i>	<i>Strychnine</i>
<i>Diphacin</i>	<i>PMP</i>	<i>Thallium sulfate</i>
<i>Fluoroacetates</i>	<i>Sodium Fluoroacetate</i>	<i>Valone</i>
<i>Indandiones</i>	<i>Squill and derivatives</i>	<i>Warfarin</i>
		<i>Zinc phosphide</i>

068 Multiple agricultural and horticultural 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 which are coded under 064, Herbicides.

069 Agricultural and horticultural chemicals, n.e.c.

This category includes other agricultural chemicals and pesticides not classifiable elsewhere.

07* 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, and degreasers

Excludes: Specified chemicals.

* - Asterisks indicate division, major group, or group titles.

070 Chemical products, unspecified**071 Adhesives, glues, n.e.c.**

This group includes adhesives, glues and pastes that are not elsewhere classified.

072* Beauty preparations, cosmetics, n.e.c.

This group 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 group 073, Cleaning and polishing agents, n.e.c..

0720 Beauty preparations, cosmetics, unspecified**0721 Hair preparations**

<i>Conditioners</i>	<i>Rinses</i>
<i>Dyes</i>	<i>Perming solutions</i>
<i>Hair sprays</i>	<i>Setting gels</i>
<i>Hair straighteners</i>	<i>Shampoos</i>
<i>Mousses</i>	

0729 Other beauty preparations, cosmetics

<i>Face masks</i>	<i>Soaps</i>
<i>Make-up</i>	

073* Cleaning and polishing agents, disinfectants, n.e.c.

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 072, Beauty preparations and cosmetics. Chlorine bleach and other chlorine-based cleansers are coded under Chlorine and chlorine compounds, code 042. Ammonia and ammonia compounds are included under 091. Solvents are coded under 077; drycleaning fluids under 0773. Drain and oven cleaners containing lye are coded under 024, Sodium and potassium hydroxides; those containing sulfuric acid are coded under 0134. Cleaners containing phosphoric acid are coded under 0133.

0730 Cleaning and polishing agents, unspecified**0731 Bleach--nonchlorine, nonperoxide****0732 Disinfectants****0733 Drain and oven cleaners****0734 Polishes****0735 Scouring powders****0736 Soap products****0737 Synthetic detergents and shampoos****0738 Multiple cleaning and polishing agents****0739 Other cleaning and polishing agents**

<i>Floor stripper</i>	<i>Other and unspecified cleaners</i>
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074* Drugs, alcohol, medicines

This category includes prescription drugs, nonprescription or over the counter drugs, as well as alcoholic beverages and drugs used for nonmedicinal purposes. Alcohol in preparations not intended for consumption are coded under 031. Alcoholic beverages and nonmedicinal drugs should not be coded for secondary source. Vaccines are coded in 0749.

0740 Drugs and medicines, unspecified**0741 Alcoholic beverages****0742 Drugs--nonmedicinal****0743 Medicines****0748 Multiple drugs, medicines****0749 Drugs and medicines, n.e.c.**

* - Asterisks indicate division, major group, or group titles.

075* Explosives, blasting agents, n.e.c.

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 0913. Ammunition is included in major group 91.

- 0750 Explosives, blasting agents, unspecified**
- 0751 Dynamite**
- 0752 Flammable gas, unspecified**
- 0753 Gunpowder**
- 0754 Pyrotechnics, fireworks**
- 0759 Other explosives, blasting agents**
 - Blasting cap*
 - Detonator*

076* Paint, lacquer, shellac, varnish, n.e.c.

This category includes various types of paints and other finishes such as varnishes, shellacs, and lacquers. Epoxy is coded under 0952 Resins. Urethane and polyurethane is code 0953.

- 0760 Paint, lacquer, shellac, varnish, unspecified**
- 0761 Lacquer, shellac, varnish**
- 0762 Paint**
- 0768 Multiple paint, lacquer, shellac, or varnishes**
- 0769 Other paint, lacquer, shellac, varnish**

077* Solvents, degreasers, n.e.c.

This category includes solvents and degreasers, not elsewhere classifiable. Carbon tetrachloride, perchloroethylene, and trichloroethylene are coded under Chlorine and chlorine compounds, code 042.

- 0770 Solvents, degreasers, unspecified**
- 0771 Naptha solvents**
 - Benzine*
 - Cleaners' naptha*
 - Mineral spirits*
 - Naptha*
 - Napthalene*
 - Petroleum ether*
 - Stoddard solvent*
- 0772 Paint removers, thinners**
- 0773 Dry cleaning fluids, n.e.c.**
- 0778 Multiple solvents, degreasers**
- 0779 Other solvents, degreasers**

079* Other chemical products, n.e.c.

This category includes other general chemical products, not elsewhere classifiable.

Includes: Dyes, inks, tear gas, mace, photographic and copying solutions, rock salt and road salt when the specific chemical is unknown

- 0790 Other chemical products, unspecified**
- 0791 Dyes, inks**
- 0792 Tear gas, mace**
 - Bromobenzyl cyanide*
 - Chloroacetophenone*
 - Ethylidoacetate*
 - Lacrimogenic gas*
 - Pepper spray*

* - Asterisks indicate division, major group, or group titles.

0793	Photographic and copying solutions	
	<i>Clearing agents</i>	<i>Photographic chemicals</i>
	<i>Copying machine fluids</i>	<i>Mimeograph fluid</i>
	<i>Developers</i>	<i>Stop baths</i>
	<i>Film developing solutions</i>	<i>Surfactants</i>
	<i>Fixers</i>	<i>Toners</i>
0799	Chemical products, n.e.c.	
	<i>Ice-melting salt</i>	<i>Rock salt</i>
	<i>Road salt</i>	<i>Salt</i>

08* **Coal, natural gas, petroleum fuels and products, n.e.c.**

This category includes coal, natural gas, petroleum, and petroleum fuels and distillates. Excluded from this category are petroleum solvents (077), and agricultural chemicals and other pesticides (major group 06).

Includes: Coal, coal dust, coke, crude oil, gasoline, natural gas, petroleum, petroleum distillates and fuels

Excludes: Agricultural chemicals and other pesticides (06); paints (076); petroleum solvents (077); asphalt, roofing tar (461).

080 **Coal, natural gas, petroleum fuels and products, unspecified****081*** **Coal and coal products**

0810	Coal products, unspecified
0811	Coal
0812	Coke and other coal manufactures
0819	Coal and coal products, n.e.c.

082 **Natural gas****083** **Petroleum, crude oil****084*** **Petroleum fuels, distillates, products, n.e.c.**

0840	Petroleum fuels, distillates, products, unspecified
0841	Butane
0842	Gasoline, diesel fuel, jet fuel
0843	Kerosene, heating oil
0844	Lubricating greases, cutting oils
0845	Propane
0849	Other petroleum fuels, distillates, products

089 **Coal, natural gas, petroleum fuels and products, n.e.c.****09*** **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 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

* - Asterisks indicate division, major group, or group titles.

091* 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.

- 0910 Ammonia and ammonium compounds, unspecified**
- 0911 Ammonia, anhydrous ammonia**
- 0912 Ammonium hydroxide**
- 0913 Ammonium nitrate**
- 0914 Ammonium sulfate**
- 0918 Multiple ammonia and ammonium compounds**
- 0919 Ammonia and ammonium compounds, n.e.c.**

092* Cryogenic gases

This group includes liquified gases at very low temperatures.

- 0920 Cryogenic gases, unspecified**
- 0921 Liquid fluorine**
- 0922 Liquid helium**
- 0923 Liquid hydrogen**
- 0924 Liquid nitrogen**
- 0925 Liquid oxygen**
- 0929 Cryogenic gases, n.e.c.**
 - Liquified argon*
 - Liquified krypton*
 - Liquified neon*
 - Liquified xenon*

093* Cyanide and cyanide compounds, n.e.c.

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 095.

- 0930 Cyanide and cyanide compounds, unspecified**
- 0931 Hydrogen cyanide**
- 0938 Multiple cyanides**
- 0939 Other cyanide and cyanide compounds**

094* Oxygen and oxygen compounds, n.e.c.

This group includes carbon monoxide, carbon dioxide, dry ice, various nitrogen oxides, nonliquified 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 0941. Smoke and fire gases are included in code 9342. Liquified oxygen is coded under 092, Cryogenic gases. Sulfur dioxide is coded 0973.

- 0940 Oxygen and oxygen compounds, n.e.c.**
- 0941 Carbon monoxide**
 - Blast furnace gas*
 - Kiln vapor*
 - Motor vehicle exhaust gas*
 - Results of incomplete combustion of fuels*
- 0942 Carbon dioxide, dry ice**
- 0943 Nitrogen oxides**
 - Dinitrogen pentoxide*
 - Dinitrogen tetroxide*
 - Laughing gas*
 - Nitric oxide*
 - Nitrogen dioxide*
 - Nitrogen trioxide*
 - Nitrous oxide*
 - Other oxides of nitrogen*
- 0944 Oxygen, nonliquified**

* - Asterisks indicate division, major group, or group titles.

- 0945 Ozones**
- 0948 Multiple oxygen and oxygen compounds**
- 0949 Other oxygen and oxygen compounds, n.e.c.**

095* 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.

- 0950 Plastics, unspecified**
Fumes from unspecified plastics
- 0951 Cyanates**
Cyanates *Isocyanates*
Di-isocyanates *Toluene-di-isocyanates (TDI)*
- 0952 Resins**
Acrylic resin *Resin*
Epoxy resin *Silicone resin*
- 0953 Urethanes**
Polyurethane *Urethane*
- 0954 Vinyl chloride, polyvinyl chloride**
Polyvinyl chloride *Vinyl chloride*
Polyvinyl chloride monomer *Vinyl chloride monomer*
- 0959 Plastics, resins, n.e.c.**
Bakelite *PAPI (polymeric MDI)*
Elastomer *Polymer*
Ethyl silicate *Polypropylene*
Ethylene diamine *Polystyrene*
Monomer *Polyvinyl acetate*

096* Sewer gas, mine gas, methane

This group includes sewer and mine gas and fumes that are not classifiable elsewhere.

- 0960 Sewer gas, mine gas, unspecified**
- 0961 Methane gas**
- 0962 Mine gas**
- 0963 Sewer gas**

097* Sulfur and sulfur compounds

This group includes carbon bisulfide, hydrogen sulfide, sulfur dioxide, and other sulfur compounds.

- 0970 Sulfur and sulfur compounds, unspecified**
- 0971 Carbon bisulfide**
Carbon disulfide
- 0972 Hydrogen sulfide**
- 0973 Sulfur dioxide**
- 0978 Multiple sulfur and sulfur compounds**
- 0979 Sulfur and sulfur compounds, n.e.c.**

* - Asterisks indicate division, major group, or group titles.

098* **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 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.

0980 **Multiple chemicals or chemical mixtures, unspecified****0981** **Ammonia and chlorine****0982** **Chlorine and phosphoric acid****0983** **Chlorine and cleaning agent, n.e.c.****0989** **Other multiple chemicals or chemical mixtures****099** **Chemicals and chemical products, n.e.c.***Acetylene**Esters**Flux**Metal cleaning compounds, unspecified**Metal plating solutions, unspecified**Phosphine**Potting compound hardener*

* - Asterisks indicate division, major group, or group titles.

1* CONTAINERS

This division classifies receptacles that are commonly used to hold, store, or carry materials. All containers may be empty or full. 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 usually the surface of the container.

Includes: Pressurized containers; nonpressurized containers; variable restraint containers; dishes, cups, glasses; luggage; skids and pallets, septic tanks

Excludes: Cases, cabinets, racks, shelves (21); bathtubs (2421); coffee makers (3321); hot tubs (645); sleeping bags, back packs, portable coolers, and thermoses (781); storm drains and pipes (6443)..

10 Containers, unspecified**11*** Containers--nonpressurized

This major group classifies nonpressurized containers which are fix-shaped receptacles used to hold, store, or carry materials.

Includes: Bags, sacks, totes; barrels, kegs, drums; bottles, jugs, flasks; boxes, crates, cartons; buckets, baskets, pails; cans; pots, pans, trays; tanks, bins, and vats.

Excludes: Pressurized containers (12); variable restraint containers (13) dishes, drinking cups, and beverage glasses (14); luggage (15); and skids and pallets (16); groceries (528); laundry (924).

110 Containers--nonpressurized, unspecified**111** Bags, sacks, totes

Mail pouches

Packets

112 Barrels, kegs, drums

Barrels--coopered wooden

Breaker

Casks

Drums--fiber

Firkins

Kegs--coopered wooden

Kilderkins

Milk shipping containers

Oil drums

Shipping drums

113 Bottles, jugs, flasks

Bottles--paper

Decanters

Hot-water bottles

Jars

Medicine bottles

Milk bottles

Packing bottles

Packing jugs

Vials

Water bottles

114 Boxes, crates, cartons

Ammunition boxes

Boxes--cardboard

Boxes--corrugated

Boxes--fiberboard

Boxes--filig

Boxes--gaylord

Boxes--newsboard

Boxes--setup

Boxes--wooden

Cases--plastic utility

Chicken coops (crates)

Coffins

Egg cartons

Food boxes

Mailing cases

Mailing crates

Milk, ice cream cartons

Shipping crates

Shipping hampers

Tubes--cardboard

* - Asterisks indicate division, major group, or group titles.

115	Buckets, baskets, pails <i>Baskets--wicker</i> <i>Baskets--wire</i> <i>Baskets--wooden</i> <i>Buckets--coopered wooden</i> <i>Buckets--metal</i> <i>Bushels</i> <i>Dinner pails</i>	<i>Flower and fruit baskets</i> <i>Gambion baskets (unassembled)</i> <i>Loyster pots</i> <i>Milk pails</i> <i>Picnic baskets</i> <i>Pitchers</i> <i>Slop pails</i>
116	Cans <i>Aluminum cans</i> <i>Beverage cans</i> <i>Canisters</i> <i>Canned foods</i> <i>Foil-fiber cans</i> <i>Food cans</i> <i>Garbage cans</i>	<i>Gasoline cans</i> <i>Milk cans</i> <i>Oil cans</i> <i>Packing cans</i> <i>Tin cans</i> <i>Trash cans</i> <i>Watering cans</i>
117	Pots, pans, trays <i>Ashtrays</i> <i>Bakepans</i> <i>Breadpans</i> <i>Cake pans</i> <i>Dishpans</i> <i>Dustpans</i> <i>Frying pans</i>	<i>Kettles--nonpressurized</i> <i>Pans--kitchen</i> <i>Pots--kitchen</i> <i>Serving trays</i> <i>Skillets</i> <i>Trays--plastic</i> <i>Woks</i>
118	Tanks, bins, vats <i>Aquaria</i> <i>Cisterns</i> <i>Dumpsters</i> <i>Farm storage tanks</i> <i>Hoppers</i> <i>Melting pots</i> <i>Oil storage tanks</i> <i>Septic tanks</i>	<i>Tanks--coopered</i> <i>Trash bins</i> <i>Troughs</i> <i>Tubs--coopered</i> <i>Tubs--excluding bathtubs</i> <i>Vats--wooden</i> <i>Water tanks</i> <i>Silos</i>
119	Containers--nonpressurized, n.e.c. <i>Air cargo containers</i>	<i>Aluminum containers for bakery goods and frozen foods</i>
12*	Containers--pressurized This major group classifies pressurized containers which are fix-shaped receptacles used to hold, store, or carry gases, vapors, or liquids. <i>Includes:</i> Boilers; hoses; pressure lines <i>Excludes:</i> Air and gas compressors (3991); pressure-cooking equipment (332); pipes, ducts, tubing (412); valves (423).	
120	Containers--pressurized, unspecified	
121	Boilers <i>Industrial boilers</i> <i>Marine boilers</i>	<i>Power boilers</i> <i>Pressure stills</i>
122	Hoses <i>Fire hoses</i> <i>Garden, Water hoses</i> <i>Hoses--metal</i>	<i>Hoses--plastic</i> <i>Hoses--rubber</i> <i>Pneumatic hoses</i>
123	Oxygen tanks	
124	Pressure lines, except hoses	
125	Propane tanks	

* - Asterisks indicate division, major group, or group titles.

129 Containers--pressurized, n.e.c.
Air receiver tanks *Pressure gas tanks*
Beer kegs *Pressure housings*
Pressure cylinders

13* Containers--variable restraint

This major group classifies containers including bundles, packages, and rolls where the material being contained is usually the surface of the container (that is, the item is not contained by anything distinct)..

Includes: Bundles, bales; packages, parcels; reels, rolls

Excludes: Nonpressurized containers (11); pressurized containers (12)

130 Containers--variable restraint, unspecified

131 Bundles, bales
Bales of cotton *Bundles of shingles*
Bales of hay

132 Packages, parcels
Mailing packages, parcels *Paper packages, parcels*

133 Reels, rolls
Beams, bolts of fabric *Rolls of carpet*
Reels of metal banding, wire *Rolls of fabric*
Reels of steel wool *Rolls of paper*

139 Containers--variable restraint, n.e.c.

14* Dishes, drinking cups, beverage glasses

This major group classifies containers which are commonly used for drinking and eating.

Includes: Dishes, bowls; drinking cups, beverage glasses

Excludes: Bottles (113); pitchers (115); pots, pans, trays (117); cooking and eating utensils (792)

140 Dishes, drinking cups, beverage glasses, unspecified

141 Dishes, bowls
Bowls--any use or composition *Dishes--any use or composition*

142 Drinking cups, beverage glasses
Cups--drinking *Glasses--drinking*

149 Dishes, drinking cups, beverage glasses, n.e.c.

15* Luggage, handbags

This major group classifies container-carriers which are used for holding and carrying personal belongings.

Includes: Briefcases; handbags, pocketbooks, wallets; and suitcases.

Excludes: Footlockers, chests (212); lockers (215); back packs (781).

* - Asterisks indicate division, major group, or group titles.

150	Luggage, handbags, unspecified	
151	Briefcases <i>Portfolios</i>	
152	Handbags, pocketbooks, wallets <i>Billfolds</i> <i>Book bags</i> <i>Cosmetic pouches</i>	<i>Purses</i> <i>Shoulder bags</i>
153	Suitcases <i>Gym bags</i> <i>Overnight bags</i>	<i>Suit bags</i>
159	Luggage, handbags, n.e.c. <i>Duffel bags</i> <i>Golf bags</i>	<i>Musical instrument cases</i>
16	Skids, pallets	
	This major group classifies skids and pallets of any use or composition including those used as working surfaces.	
	<i>Includes:</i> Skids; pallets; pallet containers	
19	Containers, n.e.c.	
	This major group classifies all containers that are not elsewhere classified in the Container division.	

* - Asterisks indicate division, major group, or group titles.

2* FURNITURE AND FIXTURES

This division 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: Cases, cabinets, racks, shelves; floor, wall, and window coverings; furniture; other fixtures

Excludes: Heating, cooling, and cleaning machinery and appliances (33); audio and video equipment (391); car seats (489); plumbing systems (612); structures (64); pianos (7951).

20 Furniture and fixtures, unspecified**21*** Cases, cabinets, racks, shelves

This major 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.

Includes: Bookcases; display and storage cabinets, cases; counters, counter tops; garment and other racks; lockers; partitions; shelving.

Excludes: Boxes, crates, cartons (114); refrigerated lockers (3314).

210 Cases, cabinets, racks, shelves, unspecified**211** Bookcases

Bookcases--any composition

Bookcases--built-in

Bookcases--free-standing

212 Cabinets, cases--display, storage

Cedar chests

China cabinets

Footlockers

Kitchen cabinets

Medicine cabinets

Office or file cabinets

Showcases

Tool chests

Toy chests

Treasure chests

213 Counters, counter tops

Bar counters

Kitchen counters

214 Garment racks, other racks

Book and magazine racks

Clothes-drying racks

Coat racks

Display racks

Mail-sorting racks

215 Lockers

Wall lockers

216 Partitions

Office partitions

Room partitions

217 Shelving

Display shelving

Office and store shelving

219 Cases, cabinets, racks, shelves, n.e.c.

* - Asterisks indicate division, major group, or group titles.

22* Floor, wall, window coverings

This major 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: Rolls of carpet or linoleum (133); ceiling tiles (4141); vinyl floor tiles (4144); wood paneling (4152); sheet flooring (4195); siding (4196); wallboard (4198).

220 Floor, wall, window coverings, unspecified**221 Floor coverings, nonstructural**

Carpet (except rolls)

Linoleum (except rolls)

222 Wall coverings

Wall panels--acoustic

Wallpaper (except rolls)

223 Window coverings, blinds, shades, or draperies

Blinds

Venetian blinds

Curtains

Window shades

Drapes

229 Floor, wall, window coverings, n.e.c.**23* Furniture**

This major group classifies different types of home, office, and workshop furniture.

Includes: Beds, bedding, mattresses; benches, workbenches; saw horses; chairs, desks, sofas, tables, and worktables.

Excludes: Cases, cabinets, racks, shelves (21); lamps (2411); air mattresses (779); sleeping bags (781); billiard and ping pong tables (789); pianos (7951); sheets, linens (9231).

230 Furniture, unspecified**231 Beds, bedding, mattresses**

Bed frames

Folding beds

Bunk beds

Futons

Cots

Hammocks

Cradles

Headboards

Cribs

Water beds

232 Benches, workbenches, saw horses

Park benches

Shop benches

Pews

Utility benches

Saw horses

Workbenches

233 Chairs

Arm chairs

High chairs

Bar stools

Recliners

Easy chairs

Rocking chairs

Folding chairs

234 Desks

Computer desks

School desks

Office desks

Work stations

Roll-top desks

* - Asterisks indicate division, major group, or group titles.

235	Sofas <i>Couches</i> <i>Divans</i> <i>Loungers</i>	<i>Love seats</i> <i>Ottomans</i> <i>Sofa beds</i>
236	Tables, worktables <i>Card tables</i> <i>Cocktail tables</i> <i>Coffee tables</i> <i>Conference tables</i> <i>Dining tables</i> <i>Dressers</i>	<i>End tables</i> <i>Folding tables</i> <i>Kitchen tables</i> <i>Lamp stands</i> <i>Operating tables</i>
239	Furniture, n.e.c.	

24* **Other fixtures**

This major group classifies home, office, and industrial fixtures including lighting equipment and plumbing fixtures.

Includes: Lighting equipment; plumbing fixtures.

Excludes: Electric parts, wiring (441); plumbing system (612).

240 **Other fixtures, unspecified****241*** **Lighting equipment**

This source group classifies home, office, and industrial lighting equipment.

Includes: Lamps; light bulbs (incandescent or fluorescent); neon lights, stop lights, chandeliers.

Excludes: Electric parts (441); flashlights (7299); flash bulbs (769); lanterns (781).

2410 **Lighting equipment, unspecified****2411** **Lamps****2412** **Light bulbs****2419** **Lighting equipment, n.e.c.****242*** **Plumbing fixtures**

This source group classifies home, office, and industrial plumbing fixtures.

Includes: Bathtubs; sinks; toilets; showers, faucets.

Excludes: Pipes (412); valves (423).

2420 **Plumbing fixtures, unspecified****2421** **Bathtubs****2422** **Sinks****2423** **Toilets****2429** **Plumbing fixtures, n.e.c.**

Faucets

Showers

249 **Other fixtures, n.e.c.****29** **Furniture and fixtures, n.e.c.**

Blackboards

Bulletin boards

* - Asterisks indicate division, major group, or group titles.

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 which 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 handling machinery (e.g., conveyors, cranes, hoists, elevators, etc.); metal, woodworking, and special material machinery; office and business machinery; special process machinery; and miscellaneous 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, tractors (85); forklifts (85).

30 Machinery, unspecified**31* Agricultural and garden machinery**

This major group classifies machinery which perform specific agricultural and garden functions or processes.

Includes: Harvesting and threshing machinery; mowing machinery; plowing, planting, and fertilizing machinery; and 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 (853).

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; harvesters, reapers; threshers.

Excludes: Mowing machinery (312); logging harvesters (3236); tractors (853).

3110 Harvesting and threshing machinery, unspecified**3111 Balers****3112 Combines****3113 Harvesters, reapers****3114 Threshers****3119 Harvesting and threshing machinery, n.e.c.**

Forage choppers

Tree shakers

* - Asterisks indicate division, major group, or group titles.

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); handheld powered trimmers, edgers (7229); tractors (853).

3120 Mowing machinery, unspecified**3121 Lawn mowers--nonriding, powered****3122 Lawn mowers--riding****3123 Mowers--tractor***Brush hogs**Haying machines**Hay mowers***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 (3995); vehicles (8); tractors (853).

3130 Plowing, planting, and fertilizing machinery, unspecified**3131 Plowing and cultivating machinery***Cultivators**Discs**Harrows**Plows***3132 Seed planting machinery****3133 Spreading machinery--agricultural***Fertilizer spreaders**Manure spreaders***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: Dairy and milk processing machinery; agricultural feed grinders, feed crushers, and feed mixers; agricultural spraying and dusting machinery (except aircraft).

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 (853).

3190 Other agricultural and garden machinery, unspecified

* - Asterisks indicate division, major group, or group titles.

- 3191 Dairy and milk processing machinery--specialized**
Butter-making machinery *Homogenizers*
Clarifiers *Milking machines*
Cream separators *Pasteurizers*
Evaporators
- 3192 Feed grinders, crushers, mixers--agricultural**
- 3193 Spraying and dusting machinery--agricultural**
- 3199 Agricultural and garden machinery, n.e.c.**

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 handling machinery (34); metal, woodworking, and special material machinery (35); vehicles (8); tractors (853).

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, draglines, trenchers) and place it in separate hauling units, as well as those that pick up and transport material (bulldozers).

Includes: Backhoes; bulldozers; steam and power shovels; trenchers.

Excludes: Loaders (322); drilling machinery (3241); tunneling machines (3243); hooks, shackles, magnets, clamshells, orange peels, grapples (432); vehicles (8).

3210 Excavating machinery, unspecified

3211 Backhoes

3212 Bulldozers

3213 Steam and power shovels

3214 Trenchers

Trenching machines

Continuous bucket excavators

3219 Excavating machinery, n.e.c.

Draglines
Marine dredges

Marine excavators
Suction dredges

* - Asterisks indicate division, major group, or group titles.

322* Loaders

This source group classifies machinery which primarily perform loading operations. Loaders basically consist of a movable bucket 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.

Excludes: Excavating machinery (321); log loaders (3234).

3220 Loaders, unspecified**3221 Bucket loaders****3222 End loaders****3223 Front end 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; debarkers; harvesters (logging)

Excludes: Agricultural harvesters (3113); other loaders (322); material handling machinery (34); metal, woodworking, and special material machinery (35); paper production machinery (374); other grapples (432); other cable (4423).

3230 Logging and wood processing machinery--specialized, unspecified**3231 Chippers****3232 Debarkers****3233 Harvesters, including feller-buncher, sheet****3234 Log loaders, including heel boom****3235 Forwarder/yarder****3236 Mechanical harvester****3237 Slasher****3238 Skidder--cable and grapple****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. 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.

Includes: Drilling machines, drilling augers; mineral sorters, separators, concentrators; tunneling machines.

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).

3240 Mining and drilling machinery, unspecified**3241 Drilling machines, drilling augers**

Continuous miners

Mechanical miners

* - Asterisks indicate division, major group, or group titles.

	<i>Diamond drills</i>	<i>Rock drills</i>
	<i>Jet flame drills</i>	<i>Water-jet drills</i>
3242	Mineral sorters, separators, concentrators	
3243	Tunneling machines	
	<i>Bore tunneling machine</i>	<i>Horizontal boring machine</i>
3249	Mining and drilling machinery, n.e.c.	
	<i>Mineral property analyzers</i>	
325*	Road grading and surfacing machinery	
	This source group classifies machinery which primarily perform road grading and surfacing operations.	
<i>Includes:</i>	Asphalt and mortar spreaders; graders, levellers, planers, scrapers; road linemarking machinery; steam rollers, road pavers.	
<i>Excludes:</i>	Construction, logging, and mining machinery (32); street sweeping and cleaning machinery (3996); vehicles (8).	
3250	Road grading and surfacing machinery, unspecified	
3251	Asphalt and mortar spreaders	
3252	Graders, levellers, planers, scrapers	
3253	Road linemarking machinery	
3254	Steam rollers, road pavers	
	<i>Asphalt pavers</i>	<i>Slip-form pavers</i>
	<i>Concrete pavers</i>	
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.	
<i>Includes:</i>	Mineral agitators, mixers; compactors, crushers, pulverizers; pile drivers, tamping machinery; pile extractors.	
<i>Excludes:</i>	Agricultural and garden machinery (31); steam rollers (3254); material handling machinery (34); metal, woodworking, and special material machinery (35); vehicles (8); tractors (853).	
3290	Other construction, logging, and mining machinery, unspecified	
3291	Agitators, mixers--earth, mineral	
	<i>Cement mixers (except trucks)</i>	
3292	Compactors, crushers, pulverizers--earth, mineral	
	<i>Coal breakers</i>	<i>Coal crushers</i>
3293	Pile drivers, tamping machinery	
	<i>Drop hammers</i>	<i>Pile hammers</i>
3294	Pile extractors	
3299	Construction, logging, and mining machinery, n.e.c.	

* - Asterisks indicate division, major group, or group titles.

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.

Excludes: Boilers (121); dairy and milk processing machinery (3191); industrial furnaces and forging machinery (3533); distilling and rectifying machinery (3792); incinerators (3993); vending machines (3998); engine fans (4824); 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 perform cooling and humidifying functions.

Includes: Air conditioners; fans, blowers; humidifiers, dehumidifiers, vaporizers; refrigerators, freezers, ice makers.

Excludes: Dairy and milk processing machinery (3191); engine fans (4824).

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**

This source group classifies machinery which primarily perform general heating and cooking functions, as well as fabric pressing and steaming functions.

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 (121); dairy and milk processing machinery (3191); industrial furnaces and forging machinery (3533); distilling and rectifying machinery (3792); incinerators (3993); vending machines (3998); 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****3323 Fabric pressers and ironing appliances**

* - Asterisks indicate division, major group, or group titles.

- 3324 Furnaces, heaters**
Domestic furnaces *Potbellied stoves*
Franklin stoves *Registers*
Gas and oil furnaces *Solar heaters*
Heating units *Space heaters*
Hot-water heaters
- 3325 Kilns**
- 3326 Ranges, cooking ovens, grills, toasters, food warmers**
Camping stoves--portable *Ranges--kitchen, cooking*
Grills--outdoor, indoor *Roasters*
Hibachi *Stoves--kitchen, cooking*
Microwave ovens *Toasters*
Ovens--kitchen, cooking *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 perform washing, drying, and cleaning functions for specific products.

Includes: Car washing machinery; clothes dryers; clothes washers; dish washers; hair and hand dryers; vacuum cleaners; other filtering and purifying machinery.

Excludes: Kilns (3325); paper production dryers (3743); paper production washers, bleachers, refiners (3746); street sweeping and cleaning machinery (3996).

3330 Washers, dryers, and cleaning machinery and appliances, unspecified**3331 Car or vehicle washing machinery****3332 Clothes dryers****3333 Clothes washers****3334 Dish washers****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 which and appliances which perform functions other than those previously classified.

34* Material 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 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.

* - Asterisks indicate division, major group, or group titles.

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).

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 (646); vehicles (8); forklifts (851).

340 Material handling machinery, unspecified

Package conveyor

341* Conveyors--gravity

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, unspecified

3411 Chutes

3412 Conveyors--roller

3413 Conveyors--wheel

3419 Conveyors--gravity, 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; 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).

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

* - Asterisks indicate division, major group, or group titles.

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--floating
3432 Cranes--gantry
3433 Cranes--hammerhead
3434 Cranes--mobile, truck, rail mounted
3435 Cranes--monorail and underhung
3436 Cranes--overhead
3437 Cranes--portal, tower, pillar
3438 Storage and retrieval hoist systems
3439 Cranes, n.e.c.

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, automobile wrecker, and patient hoists.

Includes: Powered and manual overhead hoists.

Excludes: Storage and retrieval hoist systems (3438); elevators (346); truck-mounted bucket or basket hoists (3461); hoisting accessories such as fixtures, hooks, or slings (43).

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

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 derricks used to support drilling machinery (647).

3450 Derricks, unspecified
3451 Derricks--A-frame
3452 Derricks--basket
3453 Derricks--breast
3454 Derricks--gin pole
3455 Derricks--guy
3459 Derricks, n.e.c.

346* Elevators, aerial lifts

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 scissorlifts.

* - Asterisks indicate division, major group, or group titles.

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). If the floor of an elevator car is the source, use code 6222 (Floor of elevator). If the bottom of an elevator shaft is the source, use code 6221 (Floor of building). Elevators are typically coded as the secondary source, for falls down elevator shafts.

Includes: Truck-mounted bucket or basket hoists or boom lifts (3461); dumbwaiters (3462); electric elevators (3463); hydraulic elevators (3464); hand-operated elevators (3465); manlifts and scissorlifts (3466); unspecified aerial lifts (3460); cherry pickers (3461).

Excludes: Powered conveyors (342); overhead hoists (344); elevator car floors (6222); elevator shaft floors (6221); scaffolds, staging (646); forklifts (851).

3460 Elevators, aerial lifts, unspecified
3461 Bucket or basket hoist--truck mounted
3462 Dumbwaiters
3463 Elevators--electric
3464 Elevators--hydraulic
3465 Elevators--hand operated
3466 Manlifts
3469 Elevators, aerial lifts, n.e.c.

347* Jacks

This source group classifies jacks which are primarily used to lift, bolster, hoist, or move something heavy a short distance.

Includes: Hydraulic; mechanical (includes car jacks); pneumatic jacks; bottle jacks.

Excludes: Elevators (346), oil well pump jacks (3797); motorized pallet jacks (851*); nonpowered pallet jacks (861)

3470 Jacks, unspecified
3471 Jacks--hydraulic
3472 Jacks--mechanical
3473 Jacks--pneumatic
3479 Jacks, n.e.c.

349* Other material handling machinery

This source group classifies material handling machinery that has not been previously classified.

Includes: Winders, unwinders (3491); ski lifts (3499).

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 (851).

3491 Winders, unwinders
3499 Material 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.

* - Asterisks indicate division, major group, or group titles.

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, pressure fluid cutting, spot welding machinery.

Excludes: Agricultural and garden machinery (31); construction, logging, and mining machinery (32); mining and drilling machinery (324); material handling machinery (33); 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 calendars are classified in 3741 (Calenders/supercalenders--paper production). All other calendars are classified here.

Includes: Bending, crimping machines; shearing machines; rolling mills, roll, calendaring 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, calendaring 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.

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 machines

* - Asterisks indicate division, major group, or group titles.

3523	Milling machines	
	<i>Broaching machines</i>	<i>Machining centers</i>
3524	Reaming machines	

* - Asterisks indicate division, major group, or group titles.

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 workpieces.

Includes: Casting machinery; extruding machinery; forging machinery; plastic injection molding machinery.

Excludes: Heaters, home furnaces (3324); dies, molds, patterns (4421).

3530 Extruding, injecting, forming, molding machinery, unspecified

3531 Casting machinery
Ingot molding machinery Molding machinery (except plastic)

3532 Extruding machinery
Plastic extruders Rubber extruders
Wire extruders

3533 Forging machinery
Blast furnaces Industrial furnaces
Cold forging machinery Industrial ovens
Forges Smelters
Hot forging machinery

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, abrasers; honing, polishing, lapping machinery.

Excludes: Meat grinders (3713); powered surfacing handtools (724); buffers, polishers, waxers (7241); powered hand grinders (7242).

3540 Grinding, polishing machinery, unspecified

3541 Grinders, abrasers
Centerless grinders Internal grinders
Cylindrical 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.

* - Asterisks indicate division, major group, or group titles.

Excludes: Threading and tapping machines (358); powered turning handtools (725).

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 (7125); 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 source group classifies machinery which primarily perform material threading 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 welding machinery.

* - Asterisks indicate division, major group, or group titles.

Excludes: Welding fumes (057); agricultural and garden machinery (31); construction, logging, and mining machinery (32); mining and drilling machinery (324); material handling machinery (33); 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).

3591 Electrochemical and discharge machinery (EDM)
Electrochemical machinery (ECM)

3592 Laser cutting machinery
Carbon-dioxide lasers *Gas lasers*

3593 Pressure fluid cutting machinery

3594 Spot welding machinery
Oxyacetylene torch *Plasma arch torch*

3599 Metal, woodworking, and special material machinery, n.e.c.
Recycling densifier *Ultrasonic machinery (USM)*

36* Office and business machinery

This major group classifies machinery and equipment which operate primarily in an office, banking, or retail environment.

Includes: Electronic 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.

Excludes: Furniture and fixtures (2); audio and video equipment (391); vending machines (3998); nonpowered staplers (7195); electric staplers (7295).

360 Office and business machinery, unspecified

361* Electronic 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.

Includes: Cathode ray tubes (CRT's) and video display terminals (VDT's); computer monitors and screens; electronic computers; computer keyboards; optical scanners; printers and plotters.

Excludes: Audio and video equipment (391); word processors (3626); automated teller machines (3621); robots (392).

3610 Electronic computers and peripheral equipment, unspecified
3611 Cathode ray tubes (CRTs) and video display terminals (VDTs)
3612 Computers--electronic
3613 Keyboards--computer
3614 Optical scanners
3615 Printers and plotters--computer
3619 Electronic computers and peripheral equipment, n.e.c.
Mice

362* Office, banking, and retail machinery

This source group classifies other machinery and equipment which primarily function in the office, banking, or retail environment.

* - Asterisks indicate division, major group, or group titles.

Includes: Automated teller machines (ATM's); calculating machines and cash registers; FAX machines; mailing and metering machines; photocopiers; typewriters and word processing equipment.

Excludes: Electronic computers and peripheral equipment (361); audio and video equipment (391); vending machines (3998); nonpowered staplers (7195); electric staplers (7295).

3620 Office and banking 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

3629 Office and banking machinery, n.e.c.

Coin-counting machinery

Dictating machines

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.

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, fat extractors

3713 Meat grinders

3714 Mixers, blenders, whippers--food and beverage

3719 Food and beverage processing machinery--specialized, n.e.c.

372* Medical, surgical, and x-ray machinery and equipment

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), and fluoroscope machinery and equipment.

Excludes: Medical and surgical instruments (75); health care and orthopedic equipment, n.e.c. (794).

3720 Medical, surgical, and x-ray machinery and equipment, unspecified

3721 Medical machinery and equipment, except x-ray

* - Asterisks indicate division, major group, or group titles.

3722 X-ray, magnetic resonance imaging (MRI's), and fluoroscope machinery and equipment

Fluoroscopic x-ray
Radiographic x-ray

Therapeutic x-ray

3729 Medical, surgical, and x-ray machinery**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).

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 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/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 those used in paper production (3795).

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 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.**

* - Asterisks indicate division, major group, or group titles.

376* Textile, apparel, leather production machinery

This source group classifies special process machinery and equipment 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.

Excludes: Road line marking machinery (3253); textile dyeing machinery (3761); paper coating machinery (3742); powered handheld paint sprayers (7294).

- 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**

<i>Centrifugal pumps</i>	<i>Gasoline pumps</i>
<i>Concrete pumps</i>	<i>Oil well pumps, pump jacks</i>
<i>Fluid power pumps</i>	<i>Water, sump pumps</i>

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; radios, stereos, and other audio equipment; telephones and communication equipment; televisions; tape and disk video players and recorders.

Excludes: Hoisting accessories (43); machinery parts (44); motors (4414); engines (4424); nonpowered handtools (71); powered handtools (72); vehicles (8); plant and industrial powered vehicles, tractors (85); forklifts (85).

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.

* - Asterisks indicate division, major group, or group titles.

Includes: Radios, stereos, and other audio equipment; telephones and communication equipment; televisions; tape and disk video players and recorders.

Excludes: Dictation machines (3629); hospital monitors (3721); computer equipment (361).

3910 Audio and video equipment, unspecified
3911 Radios, stereos, and other audio equipment
3912 Telephones and communication equipment
3913 Televisions
3914 Video players and recorders--tape and disk
3919 Audio and video equipment, n.e.c.

392 Product assembly machinery, n.e.c.

This source group classifies machinery which perform product assembly operations other than those previously classified.

Includes: Robots; assembly line machinery not elsewhere classified;

Excludes: Spot welders (3594).

393 Product testing, inspecting, and diagnostic machinery, n.e.c.

This source group classifies product testing, inspecting, and diagnostic machinery which 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; snow plows; street sweepers, street cleaning machinery and trucks; 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, tractors (85); forklifts (85).

3990 Other machinery, unspecified
3991 Air compressors
3992 Garbage disposals
3993 Incinerators
3994 Snowblowers
3995 Snow plows
3996 Street sweeping and cleaning machinery
3997 Trash compactors
3998 Vending machines
3999 Machinery, n.e.c.
Voting machines *Gas meters*

* - Asterisks indicate division, major group, or group titles.

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; 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 (0); paint, lacquer, shellac, varnish (076); containers (1); hoses (122); furniture and fixtures (2); lighting and plumbing fixtures (24); machinery (3); metallic minerals (54); nonmetallic minerals (55); structural elements (63); vehicles (8); apparel and textiles (92); paper, sheets (942).

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 metal materials; tiles, shingles; wood, lumber; other building materials.

Excludes: Building systems (61); structural elements (63); doors (631); fences (632); gates (633); roof (634); skylights (636); walls (637); windows (638); structures (64); office, plant, and residential buildings (642); scaffolds, staging (646).

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 (555).

4110 Bricks, blocks, structural stone, unspecified

* - Asterisks indicate division, major group, or group titles.

- 4111 Bricks and pavers**
Ornamental, decorative paving blocks
- 4112 Concrete blocks, cinder blocks**
- 4113 Structural stones or slabs, n.e.c.**
Cut marble splashblocks *Preformed sidewalk slabs*
Marble or granite slabs
- 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 12 (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.

Excludes: Hoses (122); pressure lines, except hoses (124); flashing (4192); gutters, downspouts (4194); building systems (61).

- 4120 Pipes, ducts, tubing, unspecified**
4121 Concrete or clay pipes and conduits
4122 Ducts
4123 Metal pipe, tubing
4124 Pipe fittings
4125 Plastic or rubber pipe 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).

Includes: Angle irons; bars, rods, reinforcing bar (rebar); beams; grates; plates, metal panels; rails; sheet metal; steel channel; manhole covers.

Excludes: Flashing (4192); gutters, downspouts (4194); aluminum siding (4196); structural metal materials that are elements of buildings and other structures (6).

- 4130 Structural metal materials, unspecified**
4131 Angle irons
4132 Bars, rods, reinforcing bar (rebar)
4133 Beams
4134 Grates
4135 Plates, metal panels
4136 Rails
4137 Sheet metal
4139 Structural metal materials, n.e.c.
Steel channel *Manhole covers*

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, then source group 131 (Bundles, bales) should be listed as the source. If the tiles or shingles are part of a working (roof) surface, then a code in division 6 (Structures and Surfaces) should be selected as the source.

* - Asterisks indicate division, major group, or group titles.

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 (131); tiles and shingles as part of a working (roof) surface (6).

- 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 131 (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).

Includes: Dimensional lumber (2x4's, etc.); plywood, wood paneling, particle board; wood pieces, trim pieces.

Excludes: Boards and sheets as part of a bundle (131); wood shingles (4143); boards and wood sheets as part of a building or other structure (6).

- 4150 Wood, lumber, unspecified**
- 4151 Dimensional lumber: 2x4, 2x3, etc.**
- 4152 Plywood, wood paneling; particle, chip, flake board**
- 4153 Wood pieces, trim pieces, n.e.c.**
- 4159 Wood, lumber, n.e.c.**

419* Other building materials--solid elements

This source group classifies other building materials that are primarily 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.

Excludes: Paint, lacquer, shellac, varnish (076); rolls of fencing, screening (133); 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).

- 4190 Other building materials--solid elements, unspecified**
- 4191 Fencing and screening material, n.e.c.**
- 4192 Flashing**
- 4193 Glass, window panes**
- 4194 Gutters, downspouts**
- 4195 Sheet flooring**
- 4196 Siding--aluminum, vinyl**
- 4197 Structural hardware, n.e.c.**

Door knobs
Hinges

Latches
Locks

- 4198 Wallboard, drywall**
- 4199 Other building materials--solid elements, n.e.c.**

42* Fasteners, connectors, ropes, ties

* - Asterisks indicate division, major group, or group titles.

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 (13); electrical wire (4411); cable accompanied by winches (4423); handtool clamps (7142).

420 Fasteners, connectors, ropes, ties, unspecified

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 (7295).

- 4210 Fasteners, unspecified**
- 4211 Clamps, couplings**
- 4212 Nails, brads, tacks**
- 4213 Nuts, bolts, washers**
- 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**
- 4225 Strapping**
- 4226 Wire--nonelectrical**
- 4229 Ropes, ties, chains, n.e.c.**
Cable

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.

Includes: Valves, nozzles.

Excludes: Hoses (122); pressure lines (124); pipes (412).

429 Fasteners, connectors, ropes, ties, n.e.c.

* - Asterisks indicate division, major group, or group titles.

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/hooks; slings.

Excludes: Logging skidders, logging cable and grapples (3238); 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).

440 Machine, tool, and electric parts, unspecified**441* Electric parts**

This source group classifies unattached electric parts which primarily carry or generate electrical currents for machinery, vehicles, and other sources which require electrical systems. Power lines, transformers, and convertors are coded 4415 regardless of whether they are attached to the electrical grid or separate. Similar, electrical and extension cords are coded 4419 regardless of whether they are attached to a machine or appliance.

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 (0134); lamps, light bulbs (241); nonvehicle fans (3312); nonelectrical wiring (4226); nonvehicle engines, turbines (4424); vehicle engines (482); vehicle batteries (4821); vehicle fans (4824); electrical towers (647).

- 4410 Electric parts, unspecified**
- 4411 Electrical wiring**
- 4412 Generators**
- 4413 Magnetic and electrolytic apparatus**
- 4414 Motors**
- 4415 Power lines, transformers, convertors**
- 4416 Relays, rheostats, starters, controls**
- 4417 Switchboards, switches, fuses**

* - Asterisks indicate division, major group, or group titles.

4419 Electric parts, n.e.c.
Electrical cords *Extension cords*

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 (4823); cable not attached to winches (4229).

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

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

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.

* - Asterisks indicate division, major group, or group titles.

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.

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: Asphalt, roofing tar; fiberglass insulation; foam caulking, foam insulation; joint compound, patching compounds; plastic, vinyl caulking; sealants, waterproofer, n.e.c.

Excludes: Adhesives (071); paint (0762); paint thinner (0772); caulking guns (7199).

460 Tars, sealants, caulking, insulation, unspecified
461 Asphalt, roofing tar
462 Fiberglass insulation
463 Foam caulking, foam insulation
464 Joint compound, patching compounds
465 Plastic, vinyl caulking
466 Sealants, waterproofer, 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.

Excludes: Rolls of roofing paper (133); tars, sealants, caulking, insulation (46).

470 Tarps and sheeting, nonmetal, unspecified
471 Roofing paper, roofing felt
472 Tarps; plastic, or fabric sheeting
479 Tarps and sheeting, nonmetal, n.e.c.

* - Asterisks indicate division, major group, or group titles.

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: Headlights, lightbulbs (2412); nonvehicle glass (4193); electric parts (441); nonvehicle engines (4424); nonvehicle windows (638); vehicles (8); trailer trucks (8254).

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.

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.

Includes: Battery; belts, hoses; engine block; fan; muffler, exhaust; radiator; transmission.

Excludes: Garden hoses (122); house fans (3312); nonvehicle batteries (4419); nonvehicle transmission systems (442); vehicles (8).

4820 Engine parts and accessories, unspecified**4821 Battery****4822 Belts, hoses****4823 Engine block****4824 Fan****4825 Muffler, exhaust****4826 Radiator****4827 Transmission****4829 Engine parts and accessories, n.e.c.**

* - Asterisks indicate division, major group, or group titles.

483 Trailers

This source group classifies trailers which are not connected to a vehicle when an injury occurs.

Includes: Unattached car and truck trailers.

Excludes: Semitrailers, trailer trucks (8254).

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 (638).

489 Vehicle and mobile equipment parts, n.e.c.

Airbags
Doors

49 Parts and materials, n.e.c.

This major group classifies all parts and materials that are not elsewhere classified.

* - Asterisks indicate division, major group, or group titles.

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; unprocessed plants, trees, vegetation.

Excludes: Chemicals (0); metallic particulates, trace elements, dusts, powders, fumes (05); structural and nonstructural metal materials (4); lumber (415).

51* Animals and animal products

This major group classifies living animals (except humans) as well as animal products (except food).

Includes: Nonfood animal products; birds and fowl; fish, shellfish; insects, arachnids (spiders, ticks, scorpions); mammals (except humans); reptiles, snakes; animal waste products, including manure.

Excludes: Food products (52); humans, persons (56 and 57).

510 Animals, unspecified**511* Animal products--nonfood**

This source group classifies raw or unprocessed nonfood animal products.

Includes: Bones (including fossilized bones), shells; feathers; fur, wool; leather hides.

Excludes: Bone meal, ground oyster shells, dried blood, fertilizer, plant food (061); food products (52); apparel and textiles (92).

5110 Animal products--nonfood, unspecified**5111 Bones, shells****5112 Feathers****5113 Fur, wool****5114 Hides--leather****5119 Animal products--nonfood, n.e.c.****512* Birds and fowl**

This source group classifies birds and fowl in a living or natural, unprocessed condition.

Includes: Birds (except fowl); chicken; ducks; geese; turkey.

Excludes: Processed poultry (526).

5120 Birds and fowl, unspecified**5121 Birds, except fowl****5122 Chicken****5123 Ducks****5124 Geese****5125 Turkey****5129 Birds and fowl, n.e.c.****513 Fish, shellfish****514 Insects, arachnids***Bees**Scorpions**Spiders**Ticks**Wasps*

* - Asterisks indicate division, major group, or group titles.

515* Mammals, except humans

This source group classifies all mammals (except humans) in a living or natural, unprocessed condition. Persons are classified in major groups 56 (Person--injured or ill worker) and 57 (Person--other than injured or ill worker).

Includes: Cats; cattle; dogs; horses; rats, rodents; sheep; swine.

Excludes: Nonfood animal products (511); fresh or processed food products (52).

5150 Mammals, unspecified**5151 Cats****5152 Cattle****5153 Dogs****5154 Horses****5155 Rats, rodents****5156 Sheep****5157 Swine****5159 Mammals, n.e.c.****516 Reptiles, snakes****517 Animal waste products, including manure****519 Animals, n.e.c.****52* Food products--fresh or processed**

This major group classifies fresh or processed foods obtained from animals or plants.

Includes: Bakery products, candy, confections, snack foods; beverages, n.e.c.; dairy products; flavorings; fruits, nuts, vegetables; grains, grain mill products, grain dust; meat, poultry; seafood; multiple foods or groceries; fats, oils; sugar, cocoa, chocolate.

Excludes: Animals and animal products (51); cash grain crops (581); field crops (582).

520 Food products, unspecified**521 Bakery products, candy, confections, snack foods****522 Beverages, n.e.c.****523 Dairy products****524 Fruits, nuts, vegetables****525 Grains, grain mill products****526 Meat, poultry****527 Seafood****528 Multiple foods or groceries****529* Other food products--fresh or processed****5291 Fats, oils****5292 Sugar, cocoa, chocolate****5299 Other food products--fresh or processed, 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 cases of HIV infections.

Includes: Bacteria; fungi; viruses (including HIV cases).

530 Infectious and parasitic agents, unspecified**531 Bacteria****532 Fungi****533 Viruses****539 Infectious and parasitic agents, n.e.c.**

* - Asterisks indicate division, major group, or group titles.

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 (05); 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.

Includes: Copper ore; gold, platinum, silver ore; iron ore; lead ore; zinc ore; bronze 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.

Includes: Asbestos; boulders; natural and processed clay; dirt, earth; rocks, crushed stone; sand, gravel; silica.

Excludes: Dry cement, mortar mix (0211); fuel (08); ditches, channels, trenches, excavations (627); mines, caves, tunnels (644); dust (95).

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.

552 Boulders

This source group classifies large masses of stone detached from the mass as they are primarily found in natural settings.

* - Asterisks indicate division, major group, or group titles.

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 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 556 (Sand, gravel).

556 Sand, gravel

This group includes all types of sand and gravel used for a variety of purposes.

557 Silica

This group classifies hard, glassy mineral (silica) found in a variety of forms such as quartz, sand, and opal.

559 Nonmetallic minerals, except fuel, n.e.c.**56* Person--injured or ill worker**

This major group classifies bodily conditions and self-induced bodily motion injuries.

Includes: Bodily conditions or injured, ill worker; bodily motion or position of injured, ill worker.

Excludes: Injuries or illnesses inflicted by bodily fluids or substances, or other persons (57).

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.

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 bodily reaction (21), repetitive motion (23), or sustained viewing (24). Similarly, source code 562 requires an event coded in one of those categories or in bodily reaction and exertion, nec (29).

569 Person--injured or ill worker, n.e.c.**57* Person--other than injured or ill worker**

This major group classifies injuries or illnesses inflicted by family members; co-workers and former co-workers; patients; as well as persons unknown to the injured worker.

Friends of the injured or ill worker, including boyfriends and girlfriends, are coded 579. Relatives include current and former spouses as well as common law spouses. Codes 575 (robber) and 576 (student) are for use in the Census of Fatal Occupational Injuries program only.

Includes: Bodily fluids or substances of person (including blood, sweat, tears, saliva, urine, fecal matter); co-worker, former co-worker of injured or ill worker; health care patient or resident of health care facility; relative (including current and

* - Asterisks indicate division, major group, or group titles.

former spouse and common law spouse) of injured or ill worker; robbers (including carjackers, thieves, muggers, shoplifters, etc); students .

- 570 **Person--other than injured or ill worker, unspecified**
- 571 **Bodily fluids or substances of person**
- 572 **Co-worker, former co-worker of injured or ill worker**
- 573 **Health care patient or resident of health care facility**
- 574 **Relative of injured or ill worker**
- 575 **Robber (CFOI only)**
- 576 **Student (CFOI only)**
- 579 **Person--other than injured or ill worker, n.e.c.**
 - Boyfriend*
 - Friend*
 - Girlfriend*
 - Robber (SOII only)*
 - Student (SOII only)*

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), includes cut trees with or without limbs as well as tree branches. Thorns are coded according to the relevant plant. Pollen is coded 589.

Includes: Cash grain crops (including corn, rice, soybeans, wheat); field crops (including cotton, potatoes, sugarcane, tobacco); flowers; houseplants; poison ivy, oak, sumac; shrubs, grasses; trees, logs, branches.

Excludes: Lumber (415); processed wood pieces (4153); fresh or processed food products (52).

- 580 **Plants, trees, vegetation, unspecified**
- 581 **Cash grain crops**
- 582 **Field crops**
- 583 **Flowers**
- 584 **Houseplants**
- 585 **Poison ivy, oak, sumac**
- 586 **Shrubs, grasses**
- 587 **Trees, logs**
- 589 **Plants, trees, vegetation--not processed, n.e.c.**

59 Persons, plants, animals, and minerals, n.e.c.

This major group classifies plants, animals, and minerals not elsewhere classified.

* - Asterisks indicate division, major group, or group titles.

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 other structural elements. Also classified here are walking, working, and road surfaces. Structural elements, including doors, windows, roofs, and walls, are classified in major group 63 (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 (part or material) should be listed as the source. 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 (419); ladders (74).

60 **Structures and surfaces, unspecified****61*** **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 system; plumbing system.

Excludes: Fixtures (24); electric parts (441).

610 **Building system, unspecified****611** **Climate control system****612** **Plumbing system****619** **Building system, n.e.c.****62*** **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; street, road; ditches, channels, trenches, excavations; piers, wharfs; ramps, runways, loading docks; moving walkways.

Excludes: Injuries where the floor, walkway, or ground surface is not the source of the injury.

620 **Floors, walkways, ground surfaces, unspecified****621** **Escalators**

* - Asterisks indicate division, major group, or group titles.

This source group classifies escalators mainly used as mechanical steps for the transportation of people from one level to another.

Includes: Escalators.

Excludes: Elevators (346); stairs, steps (625); moving walkways (6293).

622* Floors

This source group includes the floor surface of any structure, vehicle, or machine, and excludes outdoor ground surfaces (623), below ground surfaces (627), piers, wharfs (6291), ramps, runways, loading docks (6292), moving walkways (6293) and roofs (634). Vehicle floors should not be coded as the source for transportation accidents.

Note that roofs, even when used as working surfaces, are classified in source group 634 (Roof). Floor of building (6221) includes basement floors and floors at the bottom of an elevator shaft. Floor of elevator (6222) is used for the floor surface inside the elevator car.

Includes: Building floor (including basement) surfaces; elevator floor surfaces; mine floor surfaces; scaffold, staging, or temporary work platforms; vehicle floor surfaces.

Excludes: Outdoor ground surfaces (623); below ground surfaces such as ditches and trenches (627); piers, wharfs (6291); ramps, runways, loading docks (6292); moving walkways (6293); roofs (634).

6220 Floor, unspecified

6221 Floor of building

6222 Floor of elevator

6223 Floor of mine

6224 Floor of scaffold, staging, or temporary work platform

6225 Floor of vehicle

6229 Floor, n.e.c.

623 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 (624); street, road (626); ditches, channels, trenches, excavations (6271); parking lots (628).

624 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, walkways, jogging trails, bicycle paths, and hiking trails.

Excludes: Ground (623).

625* Stairs, steps

This source group classifies any stairs or steps inside or outside, when used as a surface on which a person is supported, except ladders (74).

Includes: Indoor stairs, steps; outdoor stairs, steps; uncompleted stairs, such as stringers and risers.

Excludes: Escalators (621); ladders (74).

* - Asterisks indicate division, major group, or group titles.

6250 Stairs, steps, unspecified
6251 Stairs, steps--indoors
6252 Stairs, steps--outdoors

626 Street, road

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 (623); parking lots (628).

627* Surfaces below ground level, n.e.c.

This source group classifies outside surfaces (except floors) below ground level such as ditches, channels, trenches, and excavations. Code 6271 is generally used as the source for trench cave-ins.

Includes: Ditches, channels, trenches, excavations.

Excludes: Floors (622); basement floors (6221); ground surfaces (623); mines (6441); sewers, storm drains, and culverts (6443).

6270 Surfaces below ground level, unspecified
6271 Ditches, channels, trenches, excavations
6279 Surfaces below ground level, n.e.c.

628 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 (626).

629* 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, runways (including airport), loading docks; moving walkways.

Excludes: Floors (622); ground (623); sidewalks, paths, outdoor walkways (624); stairs, steps (625); street, road (626); below ground surfaces (627); parking lots (628).

6290 Other floors, walkways, ground surfaces, unspecified
6291 Piers, wharfs
6292 Ramps, runways, loading docks
6293 Moving walkways
6299 Floors, walkways, ground surfaces, n.e.c.

63* 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; roof; roof trusses; skylights; walls; windows.

* - Asterisks indicate division, major group, or group titles.

Excludes: Unattached building materials (41); unattached bricks, blocks, structural stone (411); unattached structural metals (413); ladders (74).

630 Other structural elements, unspecified

631 Doors

632 Fences, fence panels

633 Gates

634 Roof

635 Roof trusses

636 Skylights

637 Walls

638 Windows

639 Structural elements, n.e.c.

Bannister

Beams

Column

Girders

Handrail

Lolly column

64* Structures

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 groups 62 (Floors, walkways, ground surfaces), and 63 (Other structural elements).

Includes: Bridges, dams, locks; office, plant, and residential buildings; grandstands, stadia; mines, caves, tunnels; pools; scaffolds, staging; towers, poles; guardrails, road dividers, hydrants, wells.

Excludes: Floors, walkways, and ground surfaces (62); structural elements including doors, roofs, walls, windows, etc. (63); silos (118).

640 Structures, unspecified

641 Bridges, dams, locks

This source group classifies all types of structural bridges, dams, and locks including foot and swinging bridges over land or water. Bridge and overpass abutments are also classified here.

642 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 643 (Grandstands, stadia).

643 Grandstands, stadia

This source group classifies all grandstands, sports arenas, and stadia, including covered or enclosed facilities.

Scaffolds and staging are classified in source group 646 (Scaffolds, staging).

644* Mines, caves, tunnels

This source group classifies mines (above and below surface), caves, sewers and storm drains, and tunnels (including subway, train, sewer, and pedestrian tunnels).

Includes: Mines, mine tunnels (6441); pedestrian tunnels (6442); sewers, manholes, storm drains, and culverts (6443); subway and train tunnels (6444).

Excludes: Ditches, channels, trenches, excavations (6271); bridges (641).

* - Asterisks indicate division, major group, or group titles.

6440 Mines, caves, tunnels, unspecified
6441 Mines, mine tunnels
6442 Pedestrian tunnels
6443 Sewers, manholes, storm drains
6444 Subway and train tunnels
6449 Mines, caves, tunnels, n.e.c.

645 Pools

This source group classifies above and below ground swimming pools.

646* Scaffolds, staging

This source 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 (including catwalks); suspended staging.

Excludes: Floor surfaces of scaffolds, staging, or temporary work platforms (6224); aerial lifts and scissorlifts (346).

6460 Scaffolds--staging, unspecified
6461 Scaffolds--improvised staging
6462 Scaffolds--self-supporting staging
6463 Scaffolds--staging supported by structure or other means
6464 Scaffolds--suspended staging
6469 Scaffolds--staging, n.e.c.

647 Towers, poles

This source group classifies all types of poles, towers, and antennae.

Includes: Fire and range towers; oil rigs and derricks used to support drilling machinery; telephone poles, power poles; radar, radio, and television antennas; satellite dishes.

Excludes: Floor surfaces (622); power and telephone lines (4415).

648* Other structures

This source group classifies other structures not previously classified.

Includes: Guardrails, road dividers; fire, water hydrants; wells.

6480 Other structures, unspecified
6481 Guardrails, road dividers
6482 Hydrants
6483 Wells
6489 Structures, n.e.c.
Billboards *Gazebos*
Embankments *Signs*

69 Structures and surfaces, n.e.c.

This major group classifies structures and surfaces not elsewhere classified.

* - Asterisks indicate division, major group, or group titles.

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 and 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; photographic equipment; protective equipment (except clothing); recreation and athletic equipment; clocks; cooking and eating utensils (except knives); firearms; health care and orthopedic equipment, n.e.c.; musical instruments; sewing notions, n.e.c.; wheelchairs; writing, drawing, and art supplies.

Excludes: Containers (1); furniture and fixtures (2); tool chests (212); machinery (3); mechanical jacks (3472); parts and materials (4); hoisting accessories (43); machine, tool, and electric parts (44); tool parts, accessories (443); tarps (472).

70 Tools, instruments, and equipment, unspecified**71* Handtools--nonpowered**

This major group classifies all nonpowered handtools which are hand-held 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 determined whether a handtool is powered or nonpowered, it should be classified in major group 73 (Handtools--power not determined).

Includes: The following types of nonpowered handtools: boring 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 (232); 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 (86).

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).

* - Asterisks indicate division, major group, or group titles.

7110 Boring handtools--nonpowered, unspecified**7111 Augers**

<i>Augers</i>	<i>Corkscrews</i>
<i>Bores</i>	<i>Counterbores</i>
<i>Breast augers</i>	<i>Wimbles</i>

7112 Braces

<i>Bit braces</i>	<i>Braces</i>
<i>Brace and bits</i>	<i>Joist braces</i>

7113 Drills

<i>Breast drills</i>	<i>Gimlets</i>
<i>Hand drills</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>
<i>Bodkins (make holes in cloth)</i>	

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 (7172); putty knives (7179); powered cutting handtools (722); scalpels and surgical knives (752).

7120 Cutting handtools--nonpowered, unspecified**7121 Axes, hatchets**

<i>Adzes</i>	<i>Froes</i>
<i>Axes</i>	<i>Grub axes</i>
<i>Bark spuds</i>	<i>Halberds</i>
<i>Battle-axes</i>	<i>Hatchets</i>
<i>Broadaxes</i>	<i>Poleaxes</i>
<i>Broad hatchets</i>	<i>Tomahawks</i>
<i>Celts (stone axe)</i>	

7122 Bolt cutters

<i>Bolt cutters</i>	<i>Pliers--cutting</i>
<i>Chain cutters</i>	<i>Wire cutters</i>
<i>Lock cutters</i>	

7123 Chisels

<i>Chisels--bench</i>	<i>Chisels--mortise</i>
<i>Chisels--cold</i>	<i>Chisels--paring</i>
<i>Chisels--construction</i>	<i>Chisels--socket</i>
<i>Chisels--corner</i>	<i>Chisels--steel</i>
<i>Chisels--deep-mortise</i>	<i>Chisels--wood</i>
<i>Chisels--dog leg</i>	<i>Socket slicks</i>
<i>Chisels--dovetail</i>	

* - Asterisks indicate division, major group, or group titles.

7124	Knives	<i>Bayonets</i> <i>Box cutters</i> <i>Bushwhackers</i> <i>Butcher knives</i> <i>Carving knives</i> <i>Cleavers</i> <i>Daggers</i> <i>Detail knives</i> <i>Dowel makers (used with lathes)</i> <i>Drawknives</i> <i>Flails--hand-threshing</i> <i>Gouges</i> <i>Groovers</i> <i>Hacks</i> <i>Hunting knives</i> <i>Inshavers</i> <i>Knife Blades</i> <i>Lances</i> <i>Linoleum knives</i> <i>Machetes</i> <i>Marking knives</i>	<i>Mat cutters</i> <i>Palette knives</i> <i>Pocket knives</i> <i>Potato Peelers</i> <i>Pushknives</i> <i>Scrapers(used with lathes)</i> <i>Scythes</i> <i>Shaping knives</i> <i>Shavers</i> <i>Sickles</i> <i>Spears</i> <i>Steak knives</i> <i>Stiletos</i> <i>Switchblades</i> <i>Swords</i> <i>Table knives</i> <i>Whittling knives</i> <i>Veiners</i> <i>Woodcarving knives</i> <i>Woodturning tools(used with lathes)</i> <i>Utility knives</i>
7125	Saws	<i>Backsaws</i> <i>Bow saws</i> <i>Coping saws</i> <i>Cross-cut saws</i> <i>Dozuki saws</i> <i>Fret saws</i>	<i>Hand saws</i> <i>Ryoba saws</i> <i>Scroll saws</i> <i>Turning saws</i> <i>Veneer saws</i>
7126	Scissors, snips, shears	<i>Clippers--grass</i> <i>Scissors--hand</i> <i>Scissors--barber's</i> <i>Scissors--school</i> <i>Scissors--tailor's</i>	<i>Shears--hedge</i> <i>Shears--pruning</i> <i>Snips--tin</i> <i>Trimmers--hedge</i>
7129	Cutting handtools--nonpowered, n.e.c.	<i>Can openers--hand-operated</i> <i>Chasers (cut screw threads)</i> <i>Glass cutters</i> <i>Lawn edgers</i> <i>Letter openers</i> <i>Nail clippers</i>	<i>Paper cutters</i> <i>Paper-hole punchers</i> <i>Razorblades</i> <i>Razors</i> <i>Wedges</i>
713*	Digging handtools--nonpowered	<p>This source group classifies nonpowered handtools which are commonly used for turning up, loosening, or removing earth.</p> <p><i>Includes:</i> Hoes; picks; shovels; trowels; post hole diggers.</p> <p><i>Excludes:</i> Excavating machinery (321); pitchforks (7193); rakes (7194).</p>	
7130	Digging handtools--nonpowered, unspecified		
7131	Hoes	<i>Hoes--garden</i> <i>Hoes--grub</i>	<i>Hoes--masons'</i> <i>Hoes--scuffle</i>
7132	Picks	<i>Pick-axes</i> <i>Picks--ice</i>	<i>Mattocks(combination adz, pick, and axe)</i>

* - Asterisks indicate division, major group, or group titles.

- 7133 Shovels**
Shovels--snow *Spades*
- 7134 Trowels**
Scoops--hand *Trowels--cement*
Spuds (combination *Trowels--garden*
trowel and chisel)
- 7139 Digging handtools--nonpowered, n.e.c.**
Dibbles (make seed *Post hole diggers*
holes in garden)

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/hooks, anchors, cant hooks (432); peavies (7199); medical forceps (759).

7140 Gripping handtools--nonpowered, unspecified

- 7141 Pliers, tongs**
Forceps--excluding medical *Tweezers*
Nippers *Tongs--Ice*
Pincers *Tongs--Oyster*
Pliers *Vise-Grips*
- 7142 Vises, clamps**
Bench Dogs *Clamps--spreader*
Bench Screws *Clamps--spring*
Clamps--band *Clamps--toggle*
Clamps--bar *Handscrews*
Clamps--cam *Vises--bench*
Clamps--edging *Vises--front*
Clamps--hand *Vises--miter*
Clamps--pipe

- 7149 Gripping handtools--nonpowered, n.e.c.**
Nutcrackers *Pullers--wheel, gear, bearing*

715* Measuring handtools--nonpowered

This source group classifies nonpowered handtools which are commonly used to ascertain measurements.

Includes: Calipers, micrometers; dividers; gauges; levels; plumb bobs; rulers, tape measures; squares; scales.

Excludes: Diagnostic machinery (393).

7150 Measuring handtools--nonpowered, unspecified

- 7151 Calipers, micrometers**
Calipers--dial *Calipers--vernier*
Calipers--inside *Calipers--yankee*
Calipers--micrometer *Micrometers*
Calipers--outside
- 7152 Dividers**
Dividers *Trammel heads*

* - Asterisks indicate division, major group, or group titles.

7153	Gauges	<i>Center finders</i> <i>Gauges--dovetail</i> <i>Gauges--marking</i>	<i>Gauges--multi</i> <i>Gauges--profile</i> <i>Gauges--scoring</i>
7154	Levels	<i>Levels</i>	<i>Spirit levels</i>
7155	Plumb bobs	<i>Plumbs</i>	<i>Plumb bobs</i>
7156	Rulers, tape measures	<i>Angle finders</i> <i>Metersticks</i> <i>Protractors</i> <i>Rulers</i> <i>Rules--bench</i> <i>Rules--centering</i> <i>Rules--foot</i> <i>Rules--parallel</i> <i>Rules--pocket</i>	<i>Rules--shop</i> <i>Rules--steel</i> <i>Size sticks</i> <i>Straight edges</i> <i>Tape lines</i> <i>Tape measures</i> <i>Triangles</i> <i>Yardsticks</i>
7157	Squares	<i>Bevels</i> <i>Combination builders tools</i> <i>Squares</i> <i>Squares--combination</i> <i>Squares--engineers</i>	<i>Squares--framing</i> <i>Squares--speed</i> <i>T squares</i> <i>Try squares</i>
7159	Measuring handtools--nonpowered, n.e.c.	<i>Balances</i> <i>Compasses--magnetic</i> <i>Compasses--measuring</i> <i>Pantographs</i>	<i>Sextants</i> <i>Scales</i> <i>Scales--bathroom</i>

716* 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 (7291).

7160 Striking handtools--nonpowered, unspecified

7161	Hammers	<i>Hammers--ball peen</i> <i>Hammers--cabinetmakers</i> <i>Hammers--claw</i> <i>Hammers--framers</i>	<i>Hammers--meat</i> <i>Hammers--tack</i> <i>Mauls</i>
7162	Mallets	<i>Gavels</i> <i>Mallets--beechwood</i> <i>Mallets--carver's</i> <i>Mallets--cocobolo</i>	<i>Mallets--printers'</i> <i>Mallets--rawhide</i> <i>Mallets--rubber</i>
7163	Punches, counterpunches, countersinks	<i>Counterpunches</i> <i>Countersinks</i> <i>Punches</i>	<i>Punches--belt</i> <i>Punches--center</i>

* - Asterisks indicate division, major group, or group titles.

7164 Sledges*Hammers--sledge***7169 Striking handtools--nonpowered, n.e.c.***Batons--police**Nightsticks**Beetles**Numchuks**Billy clubs**Staffs**Blackjacks**Staves**Bludgeons**Tampers**Clubs***717* Surfacing handtools--nonpowered**

This source group classifies nonpowered handtools which are commonly used to plane, shape, or make smooth surfaces.

Includes: Files; planes; sanders; sharpening stones and wheels.

Excludes: Planing machinery (352); grinding, polishing machinery (354); drawknives, gouges and groovers (woodcarving chisels), inshavers, veiners, and pushknives (7124).

7170 Surfacing handtools--nonpowered, unspecified**7171 Files***Emery boards**Files--wood**Files--bastard**Rasps--cabinet**Files--cabinet**Rasps--keyway**Files--detail**Rasps--needle**Files--diamond**Rasps--round**Files--nail**Rasps--sculptor's**Files--needle**Rifflers**Files--round***7172 Planes***Cornering tools**Planes--jointer**Planes--bench**Planes--rabbet**Planes--block**Planes--router**Planes--bullnose**Planes--scraping**Planes--butt Mortise**Planes--scrub**Planes--combination**Planes--smoothing**Planes--compass**Planes--trimming**Planes--fore**Scrapers--cabinet**Planes--hollowing**Shavehooks**Planes--jack**Spokeshaves***7173 Sanders***Abrasive pads**Sanding sticks**Hand sanders**Sandpaper**Sanding grips***7174 Sharpening stones and wheels***Corundum stone**Pumice stone**Emery wheels**Slipstones**Honing stones**Water stones**Multi-stones**Whetstone**Oilstone***7179 Surfacing handtools--nonpowered, n.e.c.***Bench strops**Scouring pads**Paint scrapers**Sharpening straps**Putty knives**Slicks***718* Turning handtools--nonpowered**

* - Asterisks indicate division, major group, or group titles.

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; wrenches.

Excludes: Lathes (355); powered turning handtools (725).

7180 Turning handtools--nonpowered, unspecified

7181 Screwdrivers

Phillips head
Ratchet drivers

Straight tip

7182 Wrenches

Spanners
Wrenches--adjustable
Wrenches--allen
Wrenches--box
Wrenches--monkey

Wrenches--open-end
Wrenches--pipe
Wrenches--socket
Wrenches--spark-plug
Wrenches--tuning

7189 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, sading forks; rakes; nonpowered stapling tools.

Excludes: Workbenches, worktables (232); 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 (86).

7190 Other handtools--nonpowered, unspecified

7191 Brooms, mops, and other cleaning tools

Brooms--hand
Brooms--push
Brooms--straw
Brushes--cleaning
Brushes--steel
Dusters--feather

Leaf skimmers
Mops
Rags
Ram rods (cleaning rods)
Sponges

7192 Crowbars

Nail pullers
Pinch bars (large crowbars)

Prying bars
Wrecking bars

7193 Pitchforks, sading forks

Garden fork
Hay fork

Manure fork

7194 Rakes

Rakes--garden
Rakes--leaf

Rakes--swimming pool

7195 Stapling tools--nonpowered

Staplers--nonpowered

Staple guns--nonpowered

* - Asterisks indicate division, major group, or group titles.

7199 Handtools--nonpowered, n.e.c.

Caulking guns
Grease guns
Hawks (mortar holders)
Jigs
Keys
Miter boxes
Padlocks

Paint brushes
Paint sticks
Peavies--log handling
Rollers--paint
Safety guides
Staple removers
Carpet kickers

72* Handtools--powered

This major group classifies all of the handtools 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 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: The following types of powered handtools: boring handtools; cutting handtools; striking and nailing handtools; surfacing handtools; turning handtools; welding and heating handtools; nail guns; powered scrubbers, waxers; 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: Augers; braces; drills.

Excludes: Drilling machines and augers used in construction and mining (3241); boring, drilling, and milling machines used in manufacturing (352); unattached drill bits (4431).

7210 Boring handtools--powered, unspecified**7211 Augers--powered****7212 Braces--powered****7213 Drills--powered**

Countersinks--powered
Drills--cordless
Drills--hand

Drills--pneumatic
Drills--variable speed

* - Asterisks indicate division, major group, or group titles.

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

7229 Cutting handtools--powered, n.e.c.

Cutters--powered

Shears--powered

Edgers--powered

Trimmers--powered

Razors--electric

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.

Excludes: Pile driving, stamping machinery--construction (3293); nonpowered striking and nailing handtools (716); powered nail guns (7291); powered stapling tools (7295).

7230 Striking handtools--powered, unspecified**7231 Hammers--powered**

Air hammers

Hammers--electric

Chipping hammers--electric

Power hammers

7232 Jackhammers--powered

Hammers--pile driving

Jackhammers

Hammers--steam

7233 Punches--powered**7234 Riveters--powered**

Hammers--electric riveting

Riveters--pneumatic

Riveters--electric

Riveters--powered

7239 Striking handtools--powered, n.e.c.**724* Surfacing handtools--powered**

* - Asterisks indicate division, major group, or group titles.

This source group classifies powered hand-held surfacing tools such as buffers, grinders, and sanders. Unattached grinding wheels are classified in 7174 (Sharpening stones and wheels).

Includes: Powered buffers, polishers, waxers; powered hand grinders; powered sanders; sandblasters.

Excludes: Grinding and polishing machinery (354); nonpowered surfacing handtools (717); unattached grinding wheels (7174).

7240 Surfacing handtools--powered, unspecified

7241 Buffers, polishers, waxers--powered

*Buffering machines--hand
Floor buffers*

*Polishers--powered
Polishing heads*

7242 Hand grinders--powered

*Grinders--bench
Grinders--electric
Grinders--pneumatic
Grinders--snagging*

*Grinders--waterstone
Grinders--wet Stone
Grinders--wet/dry*

7243 Sanders--powered

*Sand belts
Sanders--belt*

*Sanders--disc
Sanders--finishing*

7244 Sandblasters--powered

7249 Surfacing handtools--powered, n.e.c.

Rasps--rotary

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.

Excludes: Lathes, turning machines (355).

7250 Turning handtools--powered, unspecified

7251 Bolt setters--powered

7252 Impact wrenches--powered

Wrenches--air

Wrenches--impact

7253 Screwdrivers--powered

7259 Turning handtools--powered, n.e.c.

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: Blow torches; soldering irons; welding torches.

Excludes: Welding and soldering fumes (057); irons (3323); laser cutting machinery (3592); spot welding machinery (3594).

7260 Welding and heating handtools--powered, unspecified

* - Asterisks indicate division, major group, or group titles.

7261 Blow torches**7262 Soldering irons--powered**

Burning systems
Electric burn-in knives
Soldering coppers
Soldering tools
Soldering guns

Tips--soldering
Tiplets--soldering
Soldering Irons
Woodburning sets
Woodburning pens

7263 Welding torches--powered

Welding torches

Propane torches

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 nail guns, staple guns, power punches, scrubbers, paint sprayers, and flashlights.

Includes: Powered nail guns; powered scrubbers; handheld paint sprayers; powered stapling tools; 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); stationary drills (3521); stationary saws (357); painting machinery (3796); unattached drill bits, saw blades (443); nonpowered handtools (71).

7290 Other handtools--powered, unspecified**7291 Nail guns--powered**

Nail guns--air
Nail guns--electric
Nail guns--gunpowder activated

Point drivers

7293 Scrubbers--powered**7294 Sprayers--paint****7295 Stapling tools--electric or pneumatic**

Staple guns--electric
Staple guns--gunpowder activated

Staple guns--pneumatic

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: The following types of handtools (power not determined): boring; cutting; striking; nailing; surfacing; turning; stapling.

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**

* - Asterisks indicate division, major group, or group titles.

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**
- 7311 Augers--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.**

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.**

* - Asterisks indicate division, major group, or group titles.

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. All ladders are classified here regardless of the structure or object to which they are attached.

Includes: Fixed ladders; movable ladders.

Excludes: Stairs, steps (625).

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.

Ladders--chain

Ladders--fire escape

Ladders--sewer

Ladders--silo

Ladders--swimming pool

742* Ladders--movable

This source group classifies ladders that are portable, foldable, or extendable such as step stools, step ladders, extension ladders, and fire truck ladders.

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**

Ladders--folding

Ladders--step

Stiles

Stools--step

7423 Straight ladders**7424 Truck mounted ladders, aerial ladder trams**

Ladders--fire truck

Ladders--utility truck

7429 Movable ladders, n.e.c.

Ladder assemblies--combination work stands

749 Ladders, n.e.c.**75* Medical and surgical instruments**

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 (123); laser cutting machinery (3592); medical machinery, except x-ray (3721); x-ray machinery (3722); respirators (776); health care and orthopedic equipment, n.e.c (794); wheelchairs (797).

* - Asterisks indicate division, major group, or group titles.

750 Medical and surgical instruments, unspecified**751 Needles and syringes**

This source group classifies all needles and syringes used in the medical field. Included here are suture needles for making stitches in animals and humans, and hypodermic needles or syringes for injecting or removing fluids from animals and humans. Sewing needles are classified in 7962 (Sewing needles).

Needles--hypodermic
Needles--suture

Syringes--hypodermic

752 Scalpels

This source group classifies all surgical knives which are used in the medical field. All other nonpowered knives are classified in 7124 (Knives).

Knives--surgical

Scalpels

759 Medical and surgical instruments, n.e.c.

This source group classifies Medical and surgical instruments that are not elsewhere classified including the items listed below.

Dental burs
Forceps
IV transfusion apparatus

Retractors
Speculums
Trephines

76* Photographic 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.

Includes: Cameras; photographic paper and cloth; projectors; tripods, stands; darkroom apparatus.

Excludes: Photographic and copying solutions (0793); optical scanning devices (3614); photocopiers (3625); x-ray machinery and equipment (3722).

760 Photographic equipment, unspecified**761 Cameras--still and motion picture**

This source group classifies photographic cameras of all kinds, both still and motion picture.

Excludes: Cameras used with x-ray equipment (3722; video players and recorders (3914).

Cameras--aerial
Cameras--box
Cameras--candid
Cameras--folding
Cameras--hand
Cameras--home movie
Cameras--instant
Cameras--motion-picture

Cameras--movie
Cameras--pinhole
Cameras--portrait
Cameras--reflex
Cameras--still
Cameras--television
Cameras--video
Identity recorders

762 Photographic paper and cloth

Included in this source group are photosensitive papers and cloths which are used in developing and printing photographs.

* - Asterisks indicate division, major group, or group titles.

Paper and pulp items, except photographic paper, are classified in major group 94 (Paper, books, magazines).

<i>Cloth--blueprint</i>	<i>Paper--blueprint</i>
<i>Cloth--brownprint</i>	<i>Paper--brownprint</i>
<i>Cloth--diaz</i>	<i>Paper--diaz</i>
<i>Cloth--photographic</i>	<i>Paper--photographic</i>

763 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 3913 (Televisions). Video players are classified in 3914 (Video players).

<i>Projectors--cinema</i>	<i>Projectors--slide</i>
<i>Projectors--home movie</i>	

764 Tripods, stands

This source group classifies tripods and stands which are used to brace cameras and projectors.

<i>Braces--camera</i>	<i>Stands</i>
<i>Braces--projector</i>	<i>Tripods</i>

769 Photographic equipment, n.e.c.

This source group classifies photographic equipment that is not elsewhere classified.

<i>Camera parts</i>	<i>Flash bulbs</i>
<i>Darkroom apparatus</i>	<i>Movie screens</i>
<i>Developing apparatus</i>	<i>Photographic and graphic arts plates</i>
<i>Editing equipment</i>	<i>Photographic film--motion picture,</i>
<i>Enlargers</i>	<i>X-Ray, still camera,</i>
<i>Exposure meters</i>	<i>Special purpose</i>
<i>Film reels</i>	<i>Photographic tanks</i>

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 (123); protective clothing and other apparel (921); identification badge lanyards; latex gloves (9211).

770 Protective equipment, except clothing, unspecified

771 Dust masks

772 Earplugs and hearing protectors

773 Face shields, welding masks

774 Hard hats

775 Lifelines, lanyards, safety belts or harnesses

776 Respirators

This source group classifies all respiratory protection equipment including air supply masks, self-contained breathing apparatus (SCBA), and air helmets.

Oxygen tanks are classified in source group 123 (Oxygen tanks).

* - Asterisks indicate division, major group, or group titles.

777 Safety glasses or goggles
779 Protective equipment, except clothing, n.e.c.

Band-aids

Latex band-aids

78* Recreation and athletic equipment

This major group classifies indoor and outdoor recreation and athletic equipment. It also includes fishing equipment, including that used in commercial fishing.

Includes: Camping equipment; gymnasium and exercise equipment; playground equipment; riding goods and equipment; snow skiing goods and equipment; water sports equipment; fishing equipment.

Excludes: Firearms (793); ammunition (91); athletic clothing and footwear--excluding skis and skates (921).

780 Recreation and athletic equipment, unspecified

781 Camping equipment

This source group classifies equipment that is used for camping outdoors.

Excludes: Tarps (472); flashlights (7299); air mattresses (789).

Back packs

Portable lanterns

Canteens

Sleeping bags

Mess kits

Tents and accessories

Portable coolers

Thermoses

782 Gymnasium and exercise equipment

This source group 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.

Exercise cycles

Jump ropes

Exercise machines

Rowing machines

Gym mats

Treadmills

Jogging machines

Weight-lifting equipment

783 Playground equipment

This source group classifies equipment that is commonly used in playgrounds. Included are swings and swing sets, sliding boards, sandboxes, and outdoor play sets.

Jungle bars

Sliding boards

Play sets--outdoor

Swing sets

Sandboxes

Swings

784 Riding goods and equipment

This source group classifies horse riding goods and equipment. Included here is saddlery and other related equipment.

Crops

Saddlery

Reins

Saddles

785 Snow skiing goods and equipment

This source group classifies equipment which is related to snow skiing.

Includes: Skis; ski poles; bobsleds; sleds; toboggans; luges.

* - Asterisks indicate division, major group, or group titles.

Excludes: Safety glasses, goggles (777); ice skates (789); snowmobiles (843); skiing apparel (92).

786 Water sports equipment

This source group classifies all water sports equipment--except suits and apparel--which is used for diving (excluding oxygen tanks in source group 123), surfing, swimming, and other related water sports. Included here are surfboards, skin diving equipment, scuba diving equipment, kick boards, windsurfing boards and equipment, sailboards, and fishing equipment—both commercial and recreational.

Excludes: Oxygen tanks (123); ear plugs (772); water vehicles (88); jet skis (88); bathing suits, wet suits, beach apparel (921).

<i>Diving masks</i>	<i>Nose plugs</i>
<i>Fishing equipment</i>	<i>Sailboards</i>
<i>Flotation devices</i>	<i>Scuba diving equipment</i>
<i>Inner tubes--recreational</i>	<i>Skin diving equipment</i>
<i>Kick boards</i>	<i>Snorkels</i>
<i>Life preserves</i>	<i>Surfboards</i>
<i>Lobster and crab traps</i>	

789 Recreation and athletic equipment, n.e.c.

This source group classifies recreation and athletic equipment not elsewhere classified including the items listed below.

Excludes: Respirators and personal protective devices (77); mopeds (823); bicycles (8312); powered golf carts (842); gocarts (849).

<i>Air mattresses</i>	<i>Golfing equipment</i>
<i>Arcade games</i>	<i>Hockey equipment</i>
<i>Archery equipment</i>	<i>Ice skates</i>
<i>Baseball equipment</i>	<i>Pinball machines</i>
<i>Basketball equipment</i>	<i>Roller skates/blades</i>
<i>Billiards tables, equipment</i>	<i>Skateboards</i>
<i>Boomerangs</i>	<i>Slot machines</i>
<i>Bowling equipment</i>	<i>Soccer equipment</i>
<i>Boxing equipment</i>	<i>Tennis equipment</i>
<i>Football equipment</i>	<i>Balls of various types</i>

79* Other tools, instruments, and equipment

This major group classifies other tools, instruments, and containers 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.; wheelchairs and mobility scooters; writing, drawing, and art supplies.

Excludes: Containers (1); furniture and fixtures (2); tool chests (212); machinery (3); mechanical jacks (3472); parts and materials (4); hoisting accessories (43); machine, tool, and electric parts (44); tool parts, accessories (443); tarps (472).

791 Clocks

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.

Excludes: Clock radios (3911); wrist and pocket watches (9223).

<i>Clocks--cuckoo</i>	<i>Clocks--standing</i>
<i>Clocks--grandfather</i>	<i>Clocks--travel alarm</i>
<i>Clocks--office</i>	<i>Hourglasses</i>
<i>Clocks--ships</i>	<i>Time clocks</i>

* - Asterisks indicate division, major group, or group titles.

792 Cooking and eating utensils, except knives

<i>Bottle openers</i>	<i>Spatulas</i>
<i>Forks</i>	<i>Spoons</i>
<i>Rolling pins</i>	

793* Firearms

This source group classifies all types of handheld firearms and their parts.

Includes: Pistols, handguns, revolvers (7931); rifles (7932); shotguns (7933); taser guns, stun guns, and electroshock guns (7939).

Excludes: Archery equipment (789); bullets, pellets, bombs, torpedoes, grenades, missiles, rockets, artillery shells (91).

7930 Firearm, unspecified**7931 Pistol, handgun, revolver****7932 Rifle****7933 Shotgun****7939 Firearm, n.e.c.****794 Health care and orthopedic equipment, n.e.c.**

<i>Canes</i>	<i>Physical therapy equipment</i>
<i>Corsets</i>	<i>Stretchers</i>
<i>Crutches</i>	<i>Supporters</i>
<i>Laboratory equipment, n.e.c.</i>	<i>Trusses</i>
<i>Orthopedic braces</i>	

795* Musical instruments

This source group classifies all musical instruments and their associated parts and accessories, including music stands.

Piano benches are classified in source group 232 (Benches, workbenches, saw horses). Musical instrument cases are classified in source group 159 (Luggage, n.e.c.).

7950 Musical instrument, unspecified**7951 Pianos****7959 Other musical instruments**

<i>Accordions</i>	<i>Musical instruments--electronic, except pianos</i>
<i>Banjoes</i>	<i>Musical instruments--non-electronic, except pianos</i>
<i>Bassoons</i>	<i>Musical instruments--percussion</i>
<i>Bells</i>	<i>Oboes</i>
<i>Bugles</i>	<i>Ocarinas</i>
<i>Cellos</i>	<i>Octophones</i>
<i>Chimes</i>	<i>Organs</i>
<i>Clarinets</i>	<i>Piccolos</i>
<i>Cornets</i>	<i>Saxophones</i>
<i>Cymbals</i>	<i>Synthesizers</i>
<i>Drums</i>	<i>Trombones</i>
<i>Flutes</i>	<i>Trumpets</i>
<i>French horns</i>	<i>Ukuleles</i>
<i>Guitars</i>	<i>Vibraphones</i>
<i>Harmonicas</i>	<i>Violas</i>
<i>Harp</i>	<i>Violins</i>
<i>Harpsichords</i>	<i>Wind chimes</i>
<i>Mandolins</i>	<i>Xylophones</i>
<i>Marimbas</i>	<i>Zithers</i>
<i>Musical instrument accessories (e.g. reeds, mouthpieces, stands, traps)</i>	

* - Asterisks indicate division, major group, or group titles.

796* Sewing notions, n.e.c.

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 (751).

7960 Sewing notions, unspecified**7961 Fabric pins, safety pins****7962 Sewing needles****7969 Sewing notions, n.e.c.****797 Wheelchairs**

motorized This source group classifies nonmotorized and motorized wheelchairs as well as motorized shopping carts and mobility scooters that function similar to wheelchairs

798* 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 (0762); ink and dye (0791); drawing tables (236); blackboards and bulletin boards (29); modelling clay (553); paint brushes (7199); knives (712); paper (942).

7980 Writing, drawing, and art supplies, unspecified**7981 Art supplies and materials, except paint**

Canvasses

Easels

Eraser guides, shields

*Erasers--pencil,
blackboard*

Frames--canvase

7982 Chalk, crayons, marking devices

Chalk--artists'

Chalk--blackboard

Chalk--marking

Chalk lines

Crayons--chalk

Crayons--charcoal

Crayons--wax

Markers--felt

Markers--soft tip

Pastels

7983 Pens and pencils

Cartridges--refills

Nibs

Pencils--colored

Pencils--lead

Pencils--mechanical

Pens--ball-point

Pens--fountain

Pens--meter

Quills

7989 Writing, drawing, and art supplies, n.e.c.

Dies--hand seal

Pads--ink

Screens--textile printing

Seals--hand

Stamps--hand

Stamps--rubber

Stencils

* - Asterisks indicate division, major group, or group titles.

799 Tools, instruments, and equipment, n.e.c.

This source group classifies other tools, instruments, and equipment not elsewhere classified.

Excludes: Containers (1); furniture and fixtures (2); tool chests (212); machinery (3); mechanical jacks (3472); parts and materials (4); hoisting accessories (43); machine, tool, and electric parts (44); tool parts, accessories (443); tarps (472).

Candles

Climbing spurs

Combs

Curlers

Fly swatters

Globes--geographical

Safety cones

Lighters

Matches--book

Soap dispensers

Stilts

Tobacco pipes

Umbrellas

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 (e.g., forklifts, wheelbarrows). 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 accident.

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).

If the source of an injury in a non-transportation accident is identified as the **floor surface in a vehicle**, it should be classified in 6225 (Floor of vehicle).

Includes: Air vehicles; motorized highway vehicles; nonmotorized highway vehicles; nonindustrial offroad vehicles; powered plant and industrial vehicles, tractors; nonpowered plant and industrial vehicles; rail vehicles; water vehicles.

Excludes: Machinery (3); agricultural and garden machinery (31); construction, logging, and mining machinery (32); material handling machinery (34); ski lifts (3499); street sweeping and cleaning machinery (3996); unattached vehicle and mobile equipment parts (48); floor surface of a vehicle (6225) in a non-transportation accident.

80 Vehicle, unspecified**81* Air vehicle**

This major group classifies fixed- and rotary-winged aircraft. The aircraft may be designed for public, private, or military use.

An air vehicle code should be selected whenever the event is an aircraft accident.

Includes: Powered fixed wing aircraft; powered rotary wing aircraft; nonpowered aircraft; spacecraft.

810 Aircraft, unspecified**811* Aircraft--powered fixed wing**

This source group classifies aircraft which is supported by a fixed wing structure. The aircraft can be jet engine or propeller powered.

Includes: Jet; propeller-driven aircraft.

Excludes: Helicopters (8121); nonpowered gliders (8131).

8110 Aircraft--powered fixed wing, unspecified**8111 Jet****8112 Propeller-driven aircraft****8119 Aircraft--powered fixed wing, n.e.c.**

* - Asterisks indicate division, major group, or group titles.

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: Helicopter; hovercraft.

Excludes: Jets (8111); propeller-driven fixed wing aircraft (8112).

8120 Aircraft--rotary wing, unspecified**8121 Helicopter****8122 Hovercraft****8129 Aircraft--rotary wing, n.e.c.****813* Aircraft--nonpowered**

This source group classifies aircraft which glides or floats without some type of power source (e.g., jet propulsion, propeller, hot air).

Includes: Nonpowered gliders; parachutes.

Excludes: Powered aircraft (811, 812, and 819).

8130 Aircraft--nonpowered, unspecified**8131 Glider, nonpowered****8132 Parachute****8139 Aircraft--nonpowered, n.e.c.****819 Aircraft, n.e.c.**

This source group classifies aircraft which are not previously classified.

Includes: Hot-air balloons; dirigibles; spacecraft.

82* Highway vehicle, motorized

This major group classifies vehicles which are operated primarily on highways and used for transportation, hauling, delivering, and emergencies.

Includes: Automobiles; buses; motorcycles, mopeds, dirt bikes; motor homes, recreational vehicles; trucks; vans.

Excludes: Nonmotorized highway vehicles such as bicycles, horse drawn carriages (83); powered industrial carriers (852); tractors (853).

820 Highway vehicle, unspecified**821 Automobile**

Cars

Limousines

Station wagons

822 Bus**823 Motorcycle, moped****824 Motor home, recreational vehicle****825* Truck**

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

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included in code 8251. Delivery vans are coded in 826. Semitrailers that are used for delivering automobiles or other items are coded 8254.

Includes: Delivery (box) trucks; dump trucks; pickup trucks; semitrailers, tractor trailers, and trailer trucks; sport utility vehicles (SUVs)

Excludes: Aerial and bucket trucks (3461); street sweepers (3996); forklifts (851); powered industrial carriers (852); tractors (853); handtrucks (861), vans (826)

8250 Truck, unspecified

8251 Delivery truck

8252 Dump truck

8253 Pickup truck

8254 Semitrailer, tractor trailer, trailer truck

8259 Truck, n.e.c.

Cement trucks

Garbage trucks

Fire trucks

Sport utility vehicles (SUVs)

826 Van--passenger or light delivery

Vans

Minivans

829 Highway vehicle, motorized, n.e.c.

Ambulances

83* Highway vehicle, nonmotorized

This source group classifies animal or human powered highway vehicles, as well as other nonmotorized highway vehicles.

Includes: Horse drawn carriages; bicycles—road and mountain.

Excludes: Motorized highway vehicles (82); nonpowered plant and industrial vehicles (86).

830 Highway vehicle, nonmotorized, unspecified

831* Animal or human powered vehicle

8311 Horse drawn carriage

8312 Bicycle

8319 Animal or human powered vehicle, n.e.c.

839 Highway vehicle, nonmotorized, n.e.c.

84* Offroad vehicle, nonindustrial

This source group classifies nonindustrial offroad vehicles that are commonly used for recreational or special terrain-traversing purposes.

Includes: All terrain vehicles (ATV's); powered golf carts; snowmobiles; motorized scooters, except for mobility scooters

Excludes: Motorcycles, dirt bikes (823); jeeps, four-wheel drive trucks, sports utility vehicles (8259); mountain bicycles (8312); wheelchairs and mobility scooters (797) .

840 Offroad vehicle, nonindustrial, unspecified

841 All terrain vehicle (ATV)

842 Golf cart, powered

843 Snowmobile

849 Offroad vehicle, nonindustrial, n.e.c.

Motorized scooters

* - Asterisks indicate division, major group, or group titles.

85* Plant and industrial powered vehicles, tractors

This major group classifies forklifts, powered industrial carriers (except forklifts), and tractors which are used for carrying and transporting heavy materials.

Includes: Forklifts; powered industrial carriers; tractors and power take-offs.

Excludes: Robots (392); truck and vehicle scales (7159).

850 Plant and industrial powered vehicles, unspecified**851* Forklift**

This source group classifies self-propelled industrial vehicles used for hoisting and transporting heavy objects by inserting steel girders or a solid platform. Skid steers with forklift attachments are included here. Motorized pallet jacks are also included in this category.

Excludes: Material handling machinery, conveyors, cranes, overhead hoists, aerial lifts, powered jacks (34); other powered industrial carriers (852), highway trucks (825); nonpowered pallet jacks (861).

- 8510 Forklift, unspecified**
- 8511 Counterbalance rider--high lift**
- 8512 Hand/rider forklift truck--motorized**
- 8513 Order picker high lift truck**
- 8514 Pallet lift truck--motorized**
- 8515 Platform lift truck--high or low lift**
- 8516 Reach rider lift truck**
- 8517 Single side loader rider truck**
- 8518 Straddle rider lift truck**
- 8519 Forklift, n.e.c.**

852* Powered industrial carrier, except forklifts

This source group classifies mechanically operated (powered) vehicles used for carrying payloads.

Excludes: Highway trucks (825); semitrailers (8254); forklifts (851).

- 8520 Powered industrial carrier, unspecified**
- 8521 Container carrier**
- 8522 Lumber carrier**
- 8523 Stacker carrier**
- 8524 Straddle carrier**
- 8529 Powered industrial carrier, n.e.c.**

853 Tractor

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.

Specialized agricultural or construction machinery which consist of a tractor and the specialized attachment are coded as separate entities according to the rules of selection. 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 tractors, power take-offs

Excludes: Haying machines, tractor-mowers, hay mowers, brush hogs (3123)

859 Plant and industrial powered vehicle, n.e.c.

* - Asterisks indicate division, major group, or group titles.

86* Plant and industrial vehicle--nonpowered

This source group classifies nonpowered plant and industrial vehicles (and other wheeled equipment) used for transporting and hauling payloads.

Includes: Carts, dollies, handtrucks (861); shopping carts (861); wheelbarrows (862); nonpowered pallet jacks (861).

Excludes: Motorized shopping carts and mobility scooters (797)

860 Plant and industrial vehicle--nonpowered, unspecified

861 Cart, dolly, handtruck

862 Wheelbarrow

869 Plant and industrial vehicle--nonpowered, n.e.c.

87* Rail vehicle

This major group classifies mass transit and freight vehicles operating above and below ground.

870 Rail vehicle, unspecified

871 Amusement park rail vehicle

Monorail rides

Other rides traveling on rails

Roller coasters

872 Streetcar, trolley

873 Subway

874 Train

879 Rail vehicle, n.e.c.

88* Water vehicle

This major group classifies water vehicles used for transporting materials or for recreational purposes.

Excludes: Hovercraft (8122).

880 Water vehicle, unspecified

881 Barge

882 Canoe, kayak, rowboat, raft

883 Jet skis

884 Motorboat, yachts

885 Sailboat, sailing ship

886 Ships--other than sail powered

887 Tugboat, commercial fishing boat

889 Water vehicle, n.e.c.

89 Vehicles, n.e.c.

This major group classifies vehicles which are not previously classified.

* - Asterisks indicate division, major group, or group titles.

9* OTHER SOURCES

This division classifies sources of injuries and illness that are not classified in the previous divisions. Classified here are ammunition and explosive devices; apparel and textiles; atmospheric and environmental conditions; paper, books, magazines; scrap, waste, debris; steam, vapors, liquids, n.e.c.; and other sources n.e.c.

Includes: Ammunition; apparel and textiles; atmospheric and environmental conditions; paper, books, magazines; scrap, waste, debris; steam, vapors, liquids, n.e.c.

Excludes: (See individual major groups).

91* Ammunition

This major group classifies those projectiles which are fired by a weapon or exploded as a weapon, such as mines and grenades.

Select bullets as the source of injuries due to gunshot wounds.

Includes: Bullets; explosive devices; pellets.

Excludes: Dynamite; gunpowder, fireworks (075); firearms (793).

910 Ammunition, unspecified**911 Bullets****912 Explosive devices**

<i>Bombs</i>	<i>Mines</i>
<i>Depth charges</i>	<i>Missiles</i>
<i>Grenades</i>	<i>Torpedoes</i>

913 Pellets

Shot

919 Ammunition, n.e.c.**92* Apparel and textiles**

This major group classifies all products and apparel that clothe the human body made from any fabric. Also included here are jewelry, watches, eyeglasses; textile products; and laundry.

Includes: Clothing and shoes; eye glasses, jewelry, and watches; textile products; laundry.

Excludes: Fur, wool, and leather (5113); hard hats (774); safety glasses or goggles (777); skis (785); ice, roller skates (789).

920 Apparel and textiles, unspecified**921* 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 latex gloves, and safety shoes. Safety glasses and goggles are coded in 777.

Includes: Belts, gloves, neckties, scarves; blouses shirts, dresses, trousers, skirts; hats, caps; shoes, boots, slippers, sandals.

Excludes: Fur, wool, and leather (5113); hard hats (774); skis (785); ice, roller skates (789); glasses (9221); safety glasses and goggles (777).

* - Asterisks indicate division, major group, or group titles.

9210	Clothing, unspecified	
9211	Belts, gloves, neckties, scarves	
9212	Blouses, shirts, dresses, trousers, skirts	
9213	Hats, caps	
9214	Shoes, boots, slippers, sandals	
9215	Suits, coats, jackets	
9219	Clothing, n.e.c.	
	<i>Bathing suits</i>	<i>Nightgowns</i>
	<i>Briefs</i>	<i>Nightshirts</i>
	<i>Diving suits</i>	<i>Pajamas</i>
	<i>Lingerie</i>	<i>Swimsuits</i>

922* Eye glasses, jewelry, and watches

Excludes: Safety glasses and goggles (777)

9221	Eye glasses, sunglasses
9222	Jewelry
9223	Watches

923* Textile products

This source group classifies all fabrics, synthetic and natural, whether woven, knitted, felted, bonded, or crocheted.

Includes: Fabric; yarn, thread.

Excludes: Bolts or rolls of fabric (133); floor, wall, window coverings (22); beds, bedding, mattresses (231); textile, apparel, leather production machinery (376); clothing and shoes (921).

9230	Textile products, unspecified
9231	Fabric
9232	Yarn, thread
9239	Textile products, n.e.c.

924 Laundry**929 Apparel and textiles, n.e.c.**

This source group classifies apparel and textiles not elsewhere classified.

93* Atmospheric and environmental 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.

Includes: Air pressure; avalanche, mud slide; earthquake; fire, flame, smoke; flood; environmental temperature extremes; weather and atmospheric conditions; noise, sun.

930 Atmospheric and environmental conditions, unspecified**931* Air pressure**

This source group classifies abnormal, environmental air pressure conditions. High pressure should be used in instances of caisson work, deep diving, etc. Low pressure refers to rarefied air at extreme elevations. Blasts of pressurized air are coded in 98.

9310	Air pressure, unspecified
9311	High pressure

* - Asterisks indicate division, major group, or group titles.

9312 Low pressure**932 Avalanche, mud slide****933 Earthquake****934* 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 to the specific object or substance.

Includes: Fire, flame; smoke, fire gases.

Excludes: Welding fumes (057).

9340 Fire, flame, smoke, unspecified**9341 Fire, flame****9342 Smoke, fire gases**

Cigarette smoke

935 Flood

Select this source group is as the source of injury when a flood is the only possible source identified.

Includes: Floods.

Excludes: Rain (9375); water (9621).

936* Temperature extremes--environmental

This source group classifies atmospheric, environmental temperature extremes. Codes in this category are used primarily in instances of heat stroke, heat exhaustion, hypothermia, etc.

Excludes: Fire, flame, smoke (934); ice, sleet, snow (9373); hot or cold objects.

9360 Temperature extremes--environmental, unspecified**9361 Cold--environmental****9362 Heat--environmental****937* 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 employees eyes, the sawdust should be coded as the source.

Excludes: Air pressure (931); avalanche (932); earthquake (933); flood (935); hot and cold environmental temperature extremes (936); sun (9392).

9370 Weather and atmospheric conditions, unspecified**9371 Fog****9372 High winds, gusts****9373 Ice, sleet, snow****9374 Lightning****9375 Rain****9376 Smog****9377 Tornado, hurricane, typhoon****9379 Weather and atmospheric conditions, n.e.c.**

Waves

* - Asterisks indicate division, major group, or group titles.

939* Other environmental conditions

Includes: Noise, sun, oxygen deficiency

Excludes: Smog (9376); environmental heat (9362); poor air quality, not otherwise specified (9999)

9391 Noise
9392 Sun
9399 Environmental conditions, n.e.c.
Oxygen deficiency

94* 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 (1); rolls of paper (133); photographic paper (762).

940 Paper, books, magazines, unspecified
941 Books, notebooks, magazines, catalogues
942 Paper, sheets
949 Paper, books, magazines, n.e.c.
File folders

95* 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; trash, garbage.

Excludes: Chemical metallic particulates, trace elements, dusts, powders, fumes (05); molten or hot metals, slag (452); metallic minerals (54); nonmetallic minerals, except fuel (55).

950 Scrap, waste, debris, unspecified**951* Chips, particles, splinters**

9510 Chips, particles, splinters, unspecified
9511 Dirt particles
9512 Glass chips or fibers
9513 Metal chips, particles
9514 Wood chips, sawdust
9519 Chips, particles, splinters, n.e.c.

952 Sewage**953 Trash, garbage****959 Scrap, waste, debris, n.e.c.**

Rubble

Tree sap, pulp

96* Steam, vapors, liquids, n.e.c.

This major group classifies water, steam, water vapor, and other liquids and vapors not elsewhere classified.

Includes: Nonchemical steam, vapors; liquids, water.

Excludes: Rain (9375); water pressure changes occurring during diving (931)

* - Asterisks indicate division, major group, or group titles.

961 Steam, vapors--nonchemical

This source group 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.

962* Liquids

This source group classifies water with temperature above the freezing point and at or below the boiling point, and liquids not elsewhere classified.

9620 Liquids, unspecified**9621 Water****9629 Liquids, n.e.c.****98 Other sources, n.e.c.**

This code is used for sources not classified elsewhere in the source code structure.

Blast of pressurized air

Cigarettes

Contact lens

99* Nonclassifiable**9999 Nonclassifiable**

Use this code when the source that inflicted the injury is not known.

Poor air quality, not otherwise specified

* - Asterisks indicate division, major group, or group titles.

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SECTION 2.4	
Event or Exposure	

SECTION CONTENTS	
2.4.1	Definition, Rules of Selection
2.4.2	Titles and Descriptions

2.4.1 Event or Exposure--Definition, Rules of Selection

The event or exposure describes the manner in which the injury or illness was produced or inflicted by the source of injury or illness.

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 following events take precedence over other events or exposures:

- Assaults and Violent Acts
- Transportation Accidents
- Fires
- Explosions

When two or more of these events occurred, select the first event listed above.

4.2 When the injury or illness occurred as a result of bodily motion or position, select bodily reaction, repetitive motion or sustained viewing as the event or exposure code.

2.4.2	Event or Exposure--Titles and Descriptions
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<p>The Event or Exposure code structure is arranged so that events involving forcible contact are classified in Divisions 0 and 1. Bodily reactions and exposures are classified in Divisions 2 and 3. Transportation accidents, fires and explosions, and assaults and violent acts follow in Divisions 4 through 6 respectively.</p>
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Event or Exposure code description pages are numbered from DE-1 through DE-19 (the "D" meaning "description, the "E" meaning "event or exposure").

The divisions are identified by title at the top right corner of each page.

The Event or Exposure divisions are arranged as follows:

<u>DIVISION</u>	<u>TITLE</u>
0	Contact With Objects and Equipment
1	Falls
2	Bodily Reaction and Exertion
3	Exposure to Harmful Substances or Environments
4	Transportation Accidents
5	Fires and Explosions
6	Assaults and Violent Acts
9	Other Events or Exposures
9999	Nonclassifiable

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0* 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 contact was due to falls, transportation accidents, fires, explosions, assaults, or violent acts. Contact may be denoted by a statement that the injured person struck or was struck by an object, was caught in an object, rubbed against an object, or by words such as "hit by," or "hit," "bumped into," "crushed by," or "banged".

00 Contact with objects and equipment, unspecified**01*** 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 objects, and being pushed or thrown into or against objects. Code 012 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 I, Falls.

010 Struck against object or equipment, unspecified**011** Stepped on object**012** Struck against stationary object or equipment**013** Struck against moving object or equipment**019** Struck against object or equipment, n.e.c.**02*** 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 should be classified as Transportation Accidents in Division 4. Injuries resulting from intentional stabbings, shootings, or other violence are coded in Division 6.

020 Struck by object or equipment, unspecified**021** Struck by falling object or equipment

Struck by falling object or equipment (group 021) 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.

022* Struck by flying object**0220** Struck by flying object, unspecified**0221** Struck by dislodged flying object, particle**0222** Struck by discharged object or substance**0229** Struck by flying object, n.e.c.

Struck by flying object codes (group 022) should be selected when the source of injury has been thrown, hurled, or is being propelled across space. **Struck by dislodged flying object** (0221) 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 522 would be used. **Struck by discharged objects** (0222) 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 from a staple gun. Injuries resulting from the *unintentional*

* - Asterisks indicate division, major group, or group titles.

discharge of a gun, such as during cleaning or police or military training, are also included in code 0222. Intentional shootings are coded in Division 6.

023* Struck by swinging or slipping object

Struck by swinging or slipping object (group 023) generally refers to objects which are not free standing; that is, they are attached at some point or are being held by the worker. **Struck by slipping handheld objects** (code 0232) includes cases where the worker is holding a knife, razor, tool, or other instrument that slips and injures the worker. Injuries resulting from being struck by a slamming or swinging door or gate, including vehicle doors and tailgates, are coded in 0231. Injuries resulting from being caught in an automatic door or gate that is running should be coded in 031, **Caught in running equipment or machinery**.

0230 Struck by swinging or slipping object, unspecified

0231 Struck by or slammed in swinging door or gate

0232 Struck by slipping handheld object

0239 Struck by swinging or slipping object, n.e.c.

024 Struck by rolling, sliding objects or equipment on floor or ground level

Struck by rolling, sliding objects or equipment on floor or ground level (group 024) generally refers to an object which is rolling, moving, or sliding on the same level at which the employee is located (i.e., the object is not falling from above, nor is it flying through space). Cases in which the worker is struck or run over by a moving vehicle which is not in normal operation (as defined in Division 4) would be coded here. Cases in which the worker is struck by and then caught under the vehicle or is caught between the vehicle and another object are coded in 032.

029 Struck by object or equipment, n.e.c.

03* Caught in or compressed by equipment or objects

This major group includes cases in which the injury was produced when a person or part of a person was injured by *being squeezed, crushed, pinched or compressed between two or more objects, or between parts of an object*. Codes in this event group apply when a person, or part of a person's body was squeezed, pinched, compressed, or crushed *in operating equipment, between other meshing objects, between a moving and stationary object, or between two or more moving objects*. 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 031. Cases in which the worker is caught between a moving vehicle not in operation (as defined in Division 4) and another object or struck by and caught under the vehicle are coded in 032. Code 032 is also 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 cart or a vehicle not in operation. Cases in which the worker is struck or run over by the moving vehicle without being caught under it are coded in 024.

Codes in this major group 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 major group 02, **Struck by** or major group 04, **Caught in or crushed in collapsing materials**. Also excluded from this category are cases in which a person was caught in a swinging door or gate (Event code 0231). Persons caught in automatic garage doors or gates while running are coded in 031.

030 Caught in or compressed by equipment or objects, unspecified

031 Caught in running equipment or machinery

032 Compressed or pinched by rolling, sliding, or shifting objects or equipment

039 Caught in or compressed by equipment or objects, n.e.c.

* - Asterisks indicate division, major group, or group titles.

04* **Caught in or crushed in collapsing materials**

Caught in or crushed in collapsing materials applies when a person, or part of a person's body was squeezed, pinched, compressed or crushed in *landslides, cave-ins, or collapsing structures*, or other collapsing materials unless the collapse was due to a transportation accident, fire, or explosion.

Mine cave-ins are included in 042, **Other cave-in**. Event group 043, **Landslide** includes avalanches. Engulfments in grain bins or silos are coded 049.

040 **Caught in or crushed in collapsing materials, unspecified**

041 **Excavation or trenching cave-in**

042 **Other cave-in**

043 **Landslide**

044 **Caught in or crushed in collapsing structure**

049 **Caught in or crushed in collapsing materials, n.e.c.**

05 **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 the injuries or illnesses 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.

Select event group 053 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 0222, **Struck by discharged object or substance**. Cases involving irritant contact dermatitis are coded in 342, **Contact with skin or exposed tissue**.

050 **Rubbed or abraded by friction or pressure, unspecified**

051 **Rubbed or abraded by kneeling on surface**

052 **Rubbed or abraded by objects being handled**

053 **Rubbed or abraded by foreign matter in eye**

059 **Rubbed or abraded by friction or pressure, n.e.c.**

06* **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, rather than voluntary motion (e.g., Raynaud's phenomenon) should be coded here.

If an injury or illness results from prolonged vibration in long distance driving, the event should be coded in event group 061. Injuries resulting solely from a single jolt, such as when riding over a pothole or other small obstruction, are coded either 4149 or 4249.

060 **Rubbed, abraded, or jarred by vibration, unspecified**

061 **Rubbed, abraded, or jarred by vehicle or mobile equipment vibration**

062 **Rubbed, abraded, or jarred by other machine or equipment vibration**

069 **Rubbed, abraded, or jarred by vibration, n.e.c.**

09 **Contact with objects and equipment, n.e.c.**

* - Asterisks indicate division, major group, or group titles.

1* **FALLS**

Falls are events in which the injury was produced by impact between the injured person and the source of injury when *the motion producing contact was generated by gravity*.

10 **Fall, unspecified****11*** **Fall 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 219—**Bodily motion, nec.** Injuries sustained as a result of the employee jumping from an elevation should be coded in major group 12: **Jump to lower level.**

Falls down stairs or steps exclude instances where the worker fell from the side edge of a stair to a lower surface. These case should be coded **Fall to lower level, n.e.c.** (119).

Falls through an opening in the floor that already existed (such as an attic trap door opening or automotive repair pits) are coded as **Fall through existing floor opening** (1121). Code 1121 also includes most falls down elevator shafts. If a floor surface collapses causing the worker to fall through, the fall is coded as **Fall through floor surface** (1122). The same distinction applies to **Falls through existing roof opening** (1151) and **Falls through roof surfaces** (1152).

Fall from ground level to lower level (1124) includes falls into stormdrains, sewers, excavation pits.

Fall from building girders or other structural steel (117) includes falls from telecommunications towers. **Fall from nonmoving vehicle** (code 118) should be used only when the injured employee fell from a vehicle or powered industrial vehicle that was not involved in a transportation accident as defined in Division 4. Falls from trees, chairs, or horses are coded 119. Parachuting falls are coded in 46*.

110 **Fall to lower level, unspecified****111** **Fall down stairs or steps****112*** **Fall from floor, dock, or ground level****1120** **Fall from floor, dock, or ground level, unspecified****1121** **Fall through existing floor opening****1122** **Fall through floor surface****1123** **Fall from loading dock****1124** **Fall from ground level to lower level****1129** **Fall from floor, dock, or ground level, n.e.c.****113** **Fall from ladder****114** **Fall from piled or stacked material****115*** **Fall from roof****1150** **Fall from roof, unspecified****1151** **Fall through existing roof opening****1152** **Fall through roof surface****1153** **Fall through skylight****1154** **Fall from roof edge****1159** **Fall from roof, n.e.c.****116** **Fall from scaffold, staging**

* - Asterisks indicate division, major group, or group titles.

- 117 **Fall from building girders or other structural steel**
- 118 **Fall from nonmoving vehicle**
- 119 **Fall to lower level, n.e.c.**

12* Jump 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 controlled and voluntary even if the worker jumped to avoid an uncontrolled fall. Injuries resulting from jumps made to escape a burning building are coded in Division 5, **Fires and Explosions**. Jumps made for the purpose of intentional self-harm are coded in major group 62, **Self-inflicted injury**. Injuries and illnesses resulting from bodily reaction while jumping up and down on the same level or jumping over an object are included in code 219, **Bodily reaction, nec**. Incidents involving parachuting are included in 46*, **Aircraft accident**.

- 120 **Jump to lower level, unspecified**
- 121 **Jump from scaffold, platform, loading dock**
- 122 **Jump from structure, structural element, n.e.c.**
- 123 **Jump from nonmoving vehicle**
- 129 **Jump to lower level, n.e.c.**

13* Fall on same level

Fall on same 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 was generated by gravity following the employee'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.

- 130 **Fall on same level, unspecified**
- 131 **Fall to floor, walkway, or other surface**
- 132 **Fall onto or against objects**
- 139 **Fall on same level, n.e.c.**

19 Fall, n.e.c.

* - Asterisks indicate division, major group, or group titles.

2* **BODILY REACTION AND EXERTION**

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.*

20 **Bodily reaction and exertion, unspecified****21*** **Bodily reaction**

Codes in this major group apply to injuries or illnesses generally resulting from a *single incident of free bodily motion* which imposed stress or strain upon some part of the body.

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, fright, or efforts to recover from slips or loss of balance (not resulting in falls). This category also includes injuries and illnesses resulting from prolonged sitting, standing, or viewing.

This major group includes cases involving musculo-skeletal or other injury or illness resulting from the execution of personal movements such as walking, climbing, bending, etc. when such movement in itself was the source of injury or illness. Injuries and illnesses resulting from bodily motion while stepping off a surface (such as stepping off a ladder or curb), jumping over an object such as a fence, or jumping up and down on the same level are included in code 219.

Falls are classified in Division 1. Overexertion resulting from lifting, pulling, or pushing is classified in major group 22. Motions which induce injury or illness due to their repetitive nature are classified in major group 23. Eyestrain from sustained viewing is classified in major group 24. Heart attacks and strokes not attributed to a specific event or exposure are classified in major group 25.

- 210** **Bodily reaction, unspecified**
- 211** **Bending, climbing, crawling, reaching, twisting**
- 212** **Sudden reaction when surprised, frightened, startled**
- 213** **Running--without other incident**
- 214** **Sitting**
- 215** **Slip, trip, loss of balance--without fall**
- 216** **Standing**
- 217** **Walking--without other incident**
- 219** **Bodily reaction, n.e.c.**

22* **Overexertion**

Overexertion 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/illness.

Free bodily motions that do not involve an outside source of injury or illness are classified either in major group 21, Bodily reaction, or in major group 23, Repetitive motion. Use code 220 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 code 223.

- 220** **Overexertion, unspecified**
- 221** **Overexertion in lifting**
- 222** **Overexertion in pulling or pushing objects**
- 223** **Overexertion in holding, carrying, turning, or wielding objects**
- 224** **Overexertion in throwing objects**
- 229** **Overexertion, n.e.c.**

23* **Repetitive motion**

Repetitive motion applies when an injury or illness resulted from bodily motion which imposed stress or strain upon some part of the body due to a task's *repetitive nature.*

* - Asterisks indicate division, major group, or group titles.

Instances of carpal tunnel syndrome (CTS) from typing or any type of keyentry, including the use of calculators or nonscanning cash registers are coded 231. CTS resulting from cutting with a knife, repeated use of a power tool should be coded **Repetitive use of tool** (232).

If an injury or illness resulted from prolonged vibration in long distance driving, the event should be coded in event group 061, Rubbed, abraded, or jarred by vehicle or mobile equipment vibration.

230 Repetitive motion, unspecified

231 Typing or keyentry

232 Repetitive use of tools

233 Repetitive placing, grasping, or moving objects, except tools

239 Repetitive motion, n.e.c.

24 Sustained viewing

Eyestrain resulting from sustained focus on terminal screens should be classified in this major group.

25 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.

29 Bodily reaction and exertion, n.e.c.

This major group includes instances of motion sickness and other events that fit the bodily reaction and exertion definition, but are not classified elsewhere.

3* EXPOSURE TO HARMFUL SUBSTANCES OR ENVIRONMENTS

Codes in this division apply to cases in which the injury or illness resulted from *contact with, or exposure to, a condition or substance* in the environment. Cases of burns, heat stress, smoke inhalation, or oxygen deficiency resulting from an uncontrolled or unintentional fire are generally coded in Division 5*, unless a transportation incident or assault or violent act was involved.

30 Exposure to harmful substances or environments, unspecified**31* Contact with electric current**

Contact with electric current 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 or indirectly, such as when a pipe being held contacts a power line.

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 Fall from ladder.

Electric shocks should be classified by the energized source of power. If a worker receives an electric shock when a power tool falls into a pool of water in which he is standing, code 311 applies. Electrocutions resulting from contact with a tool or appliance, including its wiring and cords, are included in code 311. Electrocutions occurring when a ladder or other piece of equipment contacts overhead power lines are coded 313. If a worker is injured when he drilled into a wall and cut through interior building wiring, code 312 would apply.

- 310 Contact with electric current, unspecified**
- 311 Contact with electric current of machine, tool, appliance, or light fixture**
- 312 Contact with wiring, transformers, or other electrical components**
- 313 Contact with overhead power lines**
- 314 Contact with underground, buried power lines**
- 315 Struck by lightning**
- 319 Contact with electric current, n.e.c.**

32* Contact with temperature extremes

Contact with temperature extremes applies to cases in which the injury or illness resulted from contact with, or exposure to, *either hot or cold objects or substances, or general heat or cold* in the environment. Injuries or illness in this major group include thermal burns which resulted from contact with controlled or intentional heat sources (such as stoves, welding torches, or heated fluids), heat exhaustion, heat stroke, freezing, frostbite, hypothermia, etc. Contact with fire and flames from controlled sources (stoves, campfires, torches, cigarettes, furnaces, etc.) should be coded 323, **Contact with hot objects or substances**. Also included in that category are burns resulting from radiant heat emitted from such sources.

Cases of burns from contact with the sun's rays or other radiations are included in major group 36, **Exposure to radiation**. Cases of chemical burns are included in major group 34, **Exposure to caustic, noxious or allergenic substances**.

If burns result from a transportation accident, the event should be coded in Division 4. If burns result from an explosion or from an uncontrolled or unintended fire that didn't involve a transportation accident, the event should be coded in Division 5. Uncontrolled or unintended fires includes building fires and accidental ignition of objects or substances, for example: trash cans, furniture, cooking oil, frying fat or grease.

- 320 Contact with temperature extremes, unspecified**
- 321 Exposure to environmental heat**
- 322 Exposure to environmental cold**
- 323 Contact with hot objects or substances**
- 324 Contact with cold objects or substances**

* - Asterisks indicate division, major group, or group titles.

33* Exposure to air pressure changes

Use event group 33, Exposure to air pressure changes, for instances of deep-sea diving or airplane decompression. Cases in which the injury resulted from being struck by pressurized air being discharged from a hose or compressor are classified in code 0222, **Struck by discharged object or substance**.

330 Exposure to air pressure change, unspecified

331 Pressure changes underwater

332 Pressure changes in airplane, other aircraft

339 Exposure to air pressure change, n.e.c.

34* Exposure to caustic, noxious, or allergenic substances

Contact with caustic, noxious (harmful) or allergenic substances applies to cases in which the injury or illness resulted from the inhalation, absorption (skin contact), injection (needle sticks, venomous bites, stings) or ingestion (swallowing) of harmful substances. Codes in this major group should be used for instances of poisoning, allergic reactions, contagious diseases, reactions to insect or animal bites and stings, etc.

Codes 3411 and 3840 apply to confined spaces. Examples of confined spaces are storage tanks, vats, pits, sewers, boilers, crawl spaces, vaults, kilns, and ducts. To be considered a confined space, all three of the following criteria must apply. The space must: (1) be large enough that a worker can bodily enter and perform work, (2) have limited or restricted entry or egress, and (3) not be designed for continuous employee occupancy. Because vehicles, basements, and garages are designed for continuous occupancy, they are excluded from the definition. Mine roof falls and mine and trench cave-ins are also excluded.

340 Exposure to caustic, noxious, or allergenic substances, unspecified

This category includes injuries and illnesses resulting from an exposure to caustic, noxious, or allergenic substances in which the route of exposure (such as inhalation, skin absorption, ingestion) was unknown. Unspecified exposures to poor air quality are coded here.

341* Inhalation of substance

If the exposure occurred by inhaling a substance in a confined space as defined above, classify the event in code 3411.

3410 Inhalation of substance, unspecified

3411 Inhalation in confined space

3412 Inhalation in open or nonconfined space

342 Contact with skin or other exposed tissue

This group includes instances in which a substance was absorbed by the skin or eyes.

343* Injections, stings, venomous bites

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 piercing of the skin. Included in this event group are venomous bites and stings, and needle sticks that transmit an infectious agent.

Code 3431 only includes needle sticks 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/illness resulting from a needle stick, (that is, when the nature is coded as some sort of open wound), then use the appropriate event category in Division 0, **Contact with objects and equipment**. Diseases resulting from contacts with other infectious sharps, such as scalpels or tubing, and reactions to medicines and vaccines given intravenously are coded in 3439. Nonvenomous insect bites that transmit a disease, such as Lyme disease, West Nile virus, scabies, or rabies are also included in 3439.

Venomous snake bites and jellyfish stings are coded in 3433, **Other stings or venomous bites**.

* - Asterisks indicate division, major group, or group titles.

- 3430 Injections, stings, venomous bites, unspecified
- 3431 Needle sticks
- 3432 Bee, wasp, hornet sting
- 3433 Other stings or venomous bites
- 3439 Injections, stings, venomous bites, n.e.c.

- 344 Ingestion of substance
- 349 Exposure to caustic, noxious, or allergenic substances, n.e.c.

35* Exposure to noise

Codes in this major 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* over time are classified here.

If an explosion resulted in a hearing loss or impairment, select a code from major group 52, **Explosion**.

- 350 Exposure to noise, unspecified
- 351 Exposure to noise over time
- 352 Exposure to noise in single incident

36* Exposure to radiation

Contact with radiation applies to cases in which the injury or illness resulted from *exposure to any type of radiation* either ionizing or nonionizing. Common forms of nonionizing radiation include: ultraviolet, visible light, infrared, microwaves and radio waves, radars, lasers, and power frequencies. This major group is appropriate for burns from the sun's rays or other radiation as well as for general radiation sickness.

Flash burns from viewing ultraviolet (UV) light from an unspecified source are coded in 360. Eye injuries from laser beams or electrical sparks are coded in 369. Radiant heat burns are classified in 323, **Contact with hot objects or substances**.

- 360 Exposure to radiation, unspecified
- 361 Exposure to sun
- 362 Exposure to welding light
- 363 Exposure to radioactive material
- 369 Exposure to radiation, n.e.c.

37 Exposure to traumatic or stressful event, n.e.c.

Exposure to traumatic or stressful event, n.e.c., includes instances where 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 included as a victim of an assault or violent act, transportation incident, or fire or explosion.

38* Oxygen deficiency, n.e.c.

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*. Generally cases of suffocation or unintentional strangulation will be classified in this major group. Cases involving lack of oxygen in combination with inhalation of other substances such as smoke or sewer gas are classified in 341, **Inhalation of substance**. Intentional strangulations are classified in Division 6, **Assaults and violent acts**.

Depletion of oxygen (codes 383, 384) applies only to cases in which the injured was harmed by an insufficient air supply, not because of crushing injuries or any physical restriction of breathing. Code 384 is restricted to cases of oxygen depletion in confined spaces. Refer to the definition of confined space in the description for Division 3. Engulfments are classified in 049, **Caught in or crushed in collapsing materials, n.e.c.**, and cave-ins that result in crushing injuries or physical restriction of breathing are classified in either 041 or 042, depending on the type of structure involved.

* - Asterisks indicate division, major group, or group titles.

Drowning is coded in event group 381, unless the drowning resulted from a transportation accident, in which case a code in Division 4 should be used.

- 381 Drowning, submersion**
- 382 Choking on object or substance**
- 383 Depletion of oxygen from cave-in or collapsed materials**
- 384 Depletion of oxygen in confined space**
- 389 Other oxygen deficiency, n.e.c.**

- 39 Exposure to harmful substances or environments, n.e.c.**

4* TRANSPORTATION ACCIDENTS

This division covers events involving **transportation vehicles, powered industrial vehicles or powered mobile industrial equipment** in which at least one vehicle (or mobile equipment) is in normal operation and the injury/illness was due to collision or other type of traffic accident, loss of control, or a sudden stop, start, or jolting of a vehicle regardless of the location where the event occurred.

References to "vehicles" in this Division should be interpreted to include powered industrial vehicles and powered mobile industrial equipment unless otherwise noted.

Cases classified in this division include pedestrians, roadway workers, or other nonpassengers struck by vehicles, powered industrial equipment on or off the roadway (including indoor locations) when the accident meets these criteria:

*At least one vehicle was in regular operation, and
The impact was caused by a traffic accident or forward/backward travel of the vehicle.*

Excluded 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 02 **Struck by object** unless the impact was also due to the travel of the vehicle.

Events due to **loss of control or the 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 upon stopping.

Events not involving **normal operation** of a vehicle or which do not involve traffic accidents, loss of control, or sudden stop/start are **excluded** from Transportation Accidents. For example, drivers or passengers hurt by vibration of 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 accidents, loss of control or sudden stop/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. In general, an occupant of the vehicle must be driving it as a vehicle (that is, not just raising the bucket of a loader) to be considered under normal operation. Therefore, injuries occurring while standing beside the tractor trying to jumpstart it are generally not considered transportation incidents. Falls from vehicles not in motion generally go into the "Falls" division.

Transportation vehicles, powered industrial vehicles, and powered mobile industrial equipment include--

Highway vehicles:

Autos, buses, trucks, motorcycles, RVs, bicycles, horse-drawn carriages, other nonpowered highway vehicles

Air, rail, or water vehicles (including parachutes)

Offroad powered vehicles:

ATVs, golf carts, snowmobiles

Plant and industrial powered vehicles and tractors:

Forklifts, tractors, other powered carriers

Powered mobile industrial or construction equipment:

Loaders, bulldozers, backhoes, etc.

Powered mobile agricultural equipment:

Harvesters, combines, mobile planters, etc.

Excluded are:

Nonpowered industrial vehicles: Dollies, carts, wheel barrows

Nonindustrial, nonhighway mobile equipment

Wheelchairs: motorized and nonmotorized, stretchers, wagons

Horses and other animals being ridden

* - Asterisks indicate division, major group, or group titles.

Transportation Accidents take precedence over all other event codes except Assaults and Violent Acts. For example, if the injury was inflicted from an explosion which resulted from an accident to a vehicle it should be coded to this section, not Explosions.

40 Transportation accident, unspecified

41* Highway accident

Highway accidents include accidents 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. Accidents occurring entirely off the highway, street, off road, or on industrial, commercial, or farm premises or parking lots are considered to be nonhighway accidents. Accidents that occur partly on a public roadway are considered highway accidents. 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 highway accident (code 413).

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 (4113) as the event. Similarly, a head-on collision that results in a passenger being ejected and struck by another vehicle, is coded in 4113.

If the injured person was a pedestrian or nonpassenger, use event group 43.

References to "vehicles" in this section should be interpreted to include the powered industrial vehicles and powered mobile industrial equipment unless otherwise noted.

410 Highway accident, unspecified

411* Collision between vehicles, mobile equipment

Codes in this event group apply to cases in which the injured person was an occupant of a vehicle involved in a highway collision in which both vehicles were in motion or between a moving vehicle and a stationary vehicle. If more than one event in this event group occurred, code the first event listed in the code sequence. For example, if the injured person is in a car that is hit by an oncoming car, then crashes into a parked car, use code 4113. Cars stopped at traffic lights, stop signs, etc, are considered standing vehicles.

Re-entrant collisions (4111) are limited to those in which one of the vehicles left the roadway (onto the shoulder, or other nonroadway area) and the collision occurred when that vehicle reenters the roadway. Instances involving normal access to a roadway from entrance ramps or side streets are not coded here.

Injuries to occupants of vehicles which strike stationary road repair equipment are coded in 4115 if the equipment is in the normal roadway area, including lanes under repair or blocked off to hold equipment.

- 4110 Collision between vehicles, mobile equipment, unspecified**
- 4111 Re-entrant collision**
- 4112 Moving in same direction**
- 4113 Moving in opposite directions, oncoming**
- 4114 Moving in intersection**
- 4115 Moving and standing vehicle, mobile equipment--in roadway**
- 4116 Moving and standing vehicle, mobile equipment--side of road**
- 4119 Collision between vehicles, mobile equipment, n.e.c.**

412 Vehicle struck object in roadway

Codes in this event group apply to cases in which the injured person was an occupant of a vehicle which struck an object, animal, or person *in the roadway*. For example, use this code for a vehicle collision with a concrete lane divider or a box lying in the road.

413 Vehicle struck object on side of road

* - Asterisks indicate division, major group, or group titles.

Codes in this event group apply to cases in which the injured person was an occupant of a vehicle which struck an object *on the side of the roadway*. Use this code if the vehicle runs off the road and hits a guardrail, telephone pole, or building.

414* Noncollision accident

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 highway accident*. 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 4141 if a vehicle overturned, even if the vehicle ran off the roadway.

Use Event Code 4141, **Jack-knifed or overturned--no collision** when the vehicle occupied by the injured person overturned or jack-knifed, either on or after leaving the roadway.

Event Code 4142, **Ran off highway--no collision**, should be used when the vehicle occupied by the injured person was out of control and ran off highway and did not overturn or collide with any object or vehicle. If the vehicle hits another vehicle or object, select event group 411, 412, or 413.

Event Code 4143, **Struck by shifting load**, should be used when collision is not involved and the movement of the 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 Event Code 4143.

Event Code 4144, **Sudden start or stop**, 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 when stopping suddenly for a stalled vehicle.

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 **Noncollision accident, n.e.c.** (4149). Falls from moving vehicles are coded in 4149, unless they result from another incident, such as a collision or jack-knifing.

Injuries or illnesses resulting from relatively routine movement of the vehicle are not included in Noncollision accidents. For example, a driver may sustain back injury or illness resulting from prolonged vibration involved in operating the vehicle. These types of cases would be coded in Division 0 Contact with Objects or Equipment.

- 4140 Noncollision accident, unspecified**
- 4141 Jack-knifed or overturned--no collision**
- 4142 Ran off highway--no collision**
- 4143 Struck by shifting load**
- 4144 Sudden start or stop, n.e.c.**
- 4149 Noncollision accident, n.e.c.**

419 Highway accident, n.e.c.

This category covers incidents occurring on public roadways that are not classifiable elsewhere. Examples of cases included here are injuries occurring to vehicle occupants resulting from a tire or rock flying through the windshield or a tree falling on the vehicle.

42* Nonhighway accident, except rail, air, water

Nonhighway accidents which injure the occupants are accidents that occur or originate entirely off the highway, such as on industrial, commercial, residential, farm premises. Parking lots accidents are included here if the injured was an occupant of a vehicle. Unpaved construction roadways, roads being built, and logging roads are included as nonhighway locations. Roads under repair which are still in partial use are considered highways (major group 41). Accidents involving land vehicles traveling over frozen ponds or lakes are also included here.

In general, 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 forklift driven by the injured person collided with another

* - Asterisks indicate division, major group, or group titles.

forklift then hit a stack of lumber, code the collision with the forklift (421) as the event. An exception to the general rule exists for certain codes for noncollision accidents (codes 4231-4233). See the specific instructions for use of these codes in the description for event group 423.

If the injured person was a pedestrian or nonpassenger, use event group 43.

References to "vehicles" in this section should be interpreted to include the powered industrial vehicles and powered mobile industrial equipment unless otherwise noted.

420 Nonhighway accident, unspecified

421 Collision between vehicles or mobile equipment

Codes in this event group apply to cases in which the injured person was an occupant of a vehicle involved in a nonhighway collision in which both vehicles were in motion or a collision between a moving vehicle and a stationary vehicle.

422 Vehicle, mobile equipment struck object

Codes in this event group apply to cases in which the injured person was an occupant of a vehicle which struck an object *in a nonhighway accident*. For example, use this code if the vehicle hit a concrete pole in parking garage or if a logging truck slid in the mud on a logging road and struck a tree injuring the occupant. This code is also used for cases in which the vehicle occupant is injured in a collision with an animal or pedestrian in a nonhighway location.

423* Noncollision accident

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 nonhighway accident*. These are incidents in which the vehicle that the injured person occupied did not make contact with a vehicle or object other than the driving surface.

Use code 4231 if the person was injured solely by falling from a vehicle (nonhighway). Falls from nonmoving vehicles are classified in code 118. Use code 4232 if the worker fell and then was hit by the vehicle that he/she fell from. For example, if a worker falls off the tractor, than gets run over by the tractor's trailer, use code 4232. Codes 4231 and 4232 exclude persons falling from the vehicle while the vehicle is overturning. Use code 4233 if a vehicle overturned, even when the vehicle was also out of control or the worker fell from the vehicle.

Event Code 4235, **Struck by shifting load**, should be used for nonhighway incidents when collision is not involved and the movement of the 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 Event Code 4235.

Event Code 4236, **Sudden start or stop**, should be used for nonhighway incidents when *collision is not involved* and an occupant is injured from striking against the steering wheel when the car stops suddenly.

Injuries incurred solely by the jolting of the vehicle when hitting a defect in the ground surface such as a hole or riding over a small obstruction in the pathway such as a piece of lumber are classified as **Noncollision accident, n.e.c.** (4239).

Injuries or illnesses resulting from relatively routine movement of the vehicle are not included in Noncollision accidents. For example, a driver may sustain back injury or illness resulting from prolonged vibration involved in operating mobile logging equipment. These types of cases would be coded in Division 0 Contact with Objects or Equipment.

- 4230 Noncollision accident, unspecified**
- 4231 Fall from moving vehicle, mobile equipment**
- 4232 Fell from and struck by vehicle, mobile equipment**
- 4233 Overturned**
- 4234 Loss of control**
- 4235 Struck by shifting load**
- 4236 Sudden start or stop, n.e.c.**

* - Asterisks indicate division, major group, or group titles.

4239 Noncollision accident, n.e.c.**429 Nonhighway accident, n.e.c.****43* Pedestrian, nonpassenger struck by vehicle, mobile equipment**

Codes in this major group apply to pedestrians and other nonoccupants who are hit by vehicles or other powered industrial mobile equipment whether on the highway, street, or road, or off the highway. Pedestrians struck by trains are also coded here.

Cases included in this section must meet the general criteria for Transportation Accidents noted at the beginning of this Division. Pedestrians, roadway workers, or other nonpassengers struck by vehicles, powered industrial equipment on or off the roadway (including indoor locations) are included here when the accident meets the these criteria:

At least one vehicle was in regular operation, and the impact was caused by a traffic accident or forward/backward travel of the vehicle.

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 major group 02 **Struck by object** unless the impact was also due to the travel of the vehicle. 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 or being ejected from a vehicle. Persons struck as they are getting out of vehicles should be considered outside the vehicle and coded in this section.

Use code 431 if the worker is struck on the roadway, even if the worker is in a lane blocked off for repair. Use code 432 if the accident occurs on the shoulder or side of road. Code 433 includes all areas defined as "nonhighway": industrial, commercial, residential, farm premises, parking lots, unpaved construction roadways, roads being built, and logging roads. Pedestrians hit by trains are generally classified in 433.

430 Pedestrian struck by vehicle, mobile equipment, unspecified**431 Pedestrian struck by vehicle, mobile equipment in roadway****432 Pedestrian struck by vehicle, mobile equipment on side of road****433 Pedestrian struck by vehicle, mobile equipment in parking lot or non-roadway area****44* Railway accident**

A railway accident is a transport accident involving a rail vehicle which meets the general criteria for a transport accident.

Railway accidents take precedence over highway and nonhighway accidents. Pedestrians struck by trains are coded in major group 43.

If more than one event in this major group occurred, code the first event listed in the code sequence.

Instances where the contents of a rail vehicle exploded or caught fire without a collision (such as from a leak in a rail tank), are coded 446 **Explosion, fire, n.e.c.** When cars, buses, and other roadway vehicles are hit by a train, code 442 is used regardless of whether the injured person was on the train or in the car, bus, etc.

440 Railway accident, unspecified**441 Collision between railway vehicles****442 Collision between railway vehicle and other vehicle****443 Collision between railway vehicle and other object****444 Fell from and struck by railway vehicle****445 Derailment****446 Explosion, fire, n.e.c.****447 Fall in, on, or from railway vehicle in motion, n.e.c.****449 Railway accident, n.e.c.****45* Water vehicle accident**

* - Asterisks indicate division, major group, or group titles.

All incidents involving water vehicle collisions, sinkings, capsizing; explosions or fires on such vehicles (including localized fires and explosions occurring on the vessel); and falls on such vehicles are coded in this major group. Exceptions are incidents involving out-of-water or drydocked water vehicles. Falls on ships and boats are included in this section of transport accidents since water vehicles are subject to motion at all times. Water vehicle accidents exclude injuries to swimmer or divers who voluntarily jump from a water vessel not involved in an accident.

- 450** **Water vehicle accident, unspecified**
- 451** **Collision**
- 452** **Explosion, fire, n.e.c.**
- 453** **Fall from ship, boat, n.e.c.**
- 454** **Fall on ship, boat**
- 455** **Sinking, capsized water vehicle**
- 459** **Water vehicle accident, n.e.c.**

46* **Aircraft accident**

All incidents involving aircraft which are in use for transport are included in this major group. Incidents involving parachutes are included in this group.

- 460** **Aircraft accident, unspecified**
- 461** **During takeoff or landing**
- 469** **Aircraft accident, n.e.c.**

49 **Transportation accident, n.e.c.**

* - Asterisks indicate division, major group, or group titles.

5* 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 injuries to firefighters resulting from lifting fire hoses and falls not related to the fire or explosion itself, such as falls in the parking lot of a burning building.

Explosions and Fires have precedence over all other events and exposures except Assaults and Violent Acts and Transportation Accidents.

50 Fire or explosion, unspecified**51* Fire--unintended or uncontrolled**

Codes in this major group apply only to cases in which the injury or illness resulted from the unintended ignition of an object/substance or from an uncontrolled fire which may have originated at an intentional heat source. Examples of unintended or uncontrolled fires include bedding, cooking oil, or trashcans catching fire as well as major conflagrations of buildings. For contact with controlled or intentional heat sources such as stove tops, hot cooking utensils, welding torches, pilot lights, hot motors or engines, use code 323 (**Contact with hot objects or substances**).

Fires resulting from explosions and fires which cause explosions are coded as fires since fires take precedence over explosions.

Ignition of clothing is coded separately (513) only when it is the only uncontrolled or unintended fire. For example, use code 513 if a person was burned because their shirt caught fire when it touched a stove burner. If a worker was burned when clothing ignited from a grease fire on the stove, code 511 should be used since the grease fire is the uncontrolled or unintended fire.

- 510 Fire, unspecified**
- 511 Fire in residence, building, or other structure**
- 512 Forest, brush, or other outdoor fire**
- 513 Ignition of clothing from controlled heat source**
- 519 Fire, n.e.c.**

52* Explosion

Codes in this major group apply only 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. Bombings that were set to intentionally injure are included in Division 6, **Assaults and violent acts**.

When an injury or illness results from an explosion resulting in a fire, the event should be coded in **Fires**. Explosion codes take precedence over other event codes, **except assaults, transportation accidents and fires**. For example, if an explosion of a hot water pressure system results in a person being burned, use code 522 rather than contact with temperature extremes. Similarly, if an explosion results in hearing loss, use the appropriate code from major group 52, **Explosions**, rather than exposure to noise. On the other hand, if a transportation accident results in an explosion that injures an employee, the event should be coded as transportation accident rather than explosion.

* - Asterisks indicate division, major group, or group titles.

Event group 522, **Explosion of pressure vessel or piping** includes explosions of aerosol cans and automobile tires. Incidents in which a nonpressurized container, such as a gasoline tank, explodes are coded in 529.

520 **Explosion, unspecified**
521 **Explosion of battery**
522 **Explosion of pressure vessel or piping**
529 **Explosion, n.e.c.**

6* ASSAULTS AND VIOLENT ACTS

Assaults and Violent Acts include cases in which a person was injured or made ill by intentional assaults or by violent, harmful actions of unknown intent. Included in this division are assaults by others, injuries to oneself, and assaults by animals. This category includes injuries occurring in a hostile environment even though the person injured was not the intended victim, such as a teacher hit while breaking up a fight.

60 Assaults and violent acts, unspecified

This major group includes unintentional shootings in a hostile situation. Examples include cases such as when a police officer shoots another officer mistaken for a suspect.

61* Assaults and violent acts by person(s)

Assaults and violent acts by persons include cases in which the worker was injured or made ill by intentional assaults by a person other than the injured person or by violent, harmful actions of unknown intent by a person. Self-inflicted injuries are classified in major group 62. Examples of harmful actions of unknown intent include:

Instances involving violent act (hitting, biting, kicking, scratching, etc.) of patients, not reported as accidental - such as "Nurse struck by patient."

Cases of gunshots where it is unknown whether the gun discharged accidentally.

Included in this major group are injuries received from the suspect resisting capture or restraint as well as post-traumatic stress resulting from witnessing a crime or from having been threatened. This division excludes cases in which the worker was purposely hit, but without malicious intent, such as during police, military, or martial arts training and during sports events and training, such as boxing and wrestling matches.

Generally, injuries involving the normal worksite tasks and actions of co-workers are considered accidental 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/her, use code 021 **Struck by falling object** unless there is information to indicate it was intentional. Cases of accidental release of a gun in a nonhostile environment should be coded as **Struck by discharged object or substance** (code 0222). Cases in which a police officer shoots another officer mistaken for the suspect are coded in 60.

Strangulations, bombings, and assaults with lasers are coded in 619. Multiple types of assaults are classified in 619 if the resulting injuries are of equal severity.

- 610 Assaults and violent acts by person(s), unspecified**
- 611 Biting**
- 612 Hitting, kicking, beating**
- 613 Shooting**
- 614 Squeezing, pinching, scratching, twisting**
- 615 Stabbing**
- 616 Rape**
- 617 Threats or verbal assaults**
- 619 Assaults and violent acts by person(s), n.e.c.**

62* Self-inflicted injury

This major group included cases where the worker was hurt by a self inflicted injury that was intentional or of unknown intent.

As with major group 61, 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 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. Accidental drug overdoses are classified in the appropriate event category under major group 34, **Exposure to caustic, noxious, or allergenic substances**. Use code 622 for cases in which it is uncertain whether the worker intended to injure him- or her-self.

* - Asterisks indicate division, major group, or group titles.

- 620 Self-inflicted injury, unspecified**
- 621 Suicide, attempted suicide**
- 622 Self-inflicted injury or fatality--intent unknown**

63* Assaults by animals

Codes in this major group apply when an injury or illness results from nonvenomous animal bites or other violent acts by animals: kicking, stomping, throwing a rider. Falls from horses are generally coded in division 1, **Falls**. Venomous bites and stings are coded in event group 343, **Injections, stings and venomous bites**.

- 630 Assaults by animals, unspecified**
- 631 Nonvenomous bites**
- 639 Assaults by animals, n.e.c.**

* - Asterisks indicate division, major group, or group titles.

9 OTHER EVENTS OR EXPOSURES

This division classifies any event or exposure which is not classified or listed under any other division.

9999 Nonclassifiable

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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

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SECTION 3.1

**Nature of
Injury or Illness
Code Titles**

3.1-2

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 0) while diseases are listed in Divisions 1 through 8. Division 8 classifies multiple physical characteristics whose individual codes are found in Divisions 1 through 5.

Nature of Injury or Illness code title pages are numbered from N-1 through N-17 (the "N" meaning "Nature").

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

<u>DIVISION</u>	<u>TITLE</u>
0	Traumatic Injuries and Disorders
1	Systemic Diseases or Disorders
2	Infectious and Parasitic Diseases
3	Neoplasms, Tumors, and Cancer
4	Symptoms, Signs, and Ill-defined Conditions
5	Other Conditions or Disorders
8	Multiple Diseases, Conditions, or Disorders
9999	Nonclassifiable

- 0*** **TRAUMATIC INJURIES AND DISORDERS**

- 00** **Traumatic injuries and disorders, unspecified**
- 01*** **Traumatic injuries to bones, nerves, spinal cord**
 - 010 Traumatic injuries to bones, nerves, spinal cord, unspecified
 - 011 Dislocations
 - 012 Fractures
 - 013 Traumatic injuries to spinal cord
 - 014 Traumatic injuries to nerves, except the spinal cord
 - 018 Multiple traumatic injuries to bones, nerves, spinal cord
 - 019 Traumatic injuries to bones, nerves, spinal cord, n.e.c.
- 02*** **Traumatic injuries to muscles, tendons, ligaments, joints, etc.**
 - 020 Traumatic injuries to muscles, tendons, ligaments, joints, etc., unspecified
 - 021 Sprains, strains, tears
 - 029 Injuries to muscles, tendons, ligaments, joints, etc., n.e.c.
- 03*** **Open wounds**
 - 030 Open wounds, unspecified
 - 031* Amputations
 - 0311 Amputations, fingertip
 - 0319 Amputations, except fingertip
 - 032 Animal or insect bites
 - 033 Avulsions
 - 034 Cuts, lacerations
 - 035 Enucleations
 - 036 Gunshot wounds
 - 037 Punctures, except bites
 - 038 Multiple open wounds
 - 039 Open wounds, n.e.c.
- 04*** **Surface wounds and bruises**
 - 040 Surface wounds and bruises, unspecified
 - 041 Abrasions, scratches
 - 042 Blisters
 - 043 Bruises, contusions
 - 044 Foreign bodies (superficial splinters, chips)
 - 045 Friction burns
 - 048 Multiple surface wounds and bruises
 - 049 Surface wounds and bruises, n.e.c.
- 05*** **Burns**
 - 050 Burns, unspecified
 - 051 Chemical burns
 - 052 Electrical burns
 - 053 Heat burns, scalds
 - 058 Multiple types of burns
 - 059 Burns, n.e.c.

* - Asterisks indicate division, major group, or group titles.

06* Intracranial injuries

- 060 Intracranial injuries, unspecified
- 061 Cerebral hemorrhages
- 062 Concussions
- 068 Multiple intracranial injuries
- 069 Intracranial injuries, n.e.c.

07* Effects of environmental conditions

- 070 Effects of environmental conditions, unspecified
- 071* Effects of reduced temperature
 - 0710 Effects of reduced temperature, unspecified
 - 0711 Frostbite
 - 0712 Hypothermia
 - 0713 Trench foot
 - 0718 Multiple effects of reduced temperature
 - 0719 Effects of reduced temperature, n.e.c.
- 072* Effects of heat and light
 - 0720 Effects of heat and light, unspecified
 - 0721 Heat stroke
 - 0722 Heat syncope
 - 0723 Heat fatigue
 - 0724 Heat edema
 - 0728 Multiple effects of heat and light
 - 0729 Effects of heat and light, n.e.c.
- 073* Effects of air pressure
 - 0730 Effects of air pressure, unspecified
 - 0731 Aero-otitis media
 - 0732 Aerosinusitis
 - 0733 Caisson disease, bends, divers' palsy
 - 0738 Multiple effects of air pressure
 - 0739 Effects of air pressure, n.e.c.
- 078 Multiple effects of environmental conditions
- 079 Effects of environmental conditions, n.e.c.

08* Multiple traumatic injuries and disorders

- 080 Multiple traumatic injuries and disorders, unspecified
- 081 Cuts, abrasions, bruises
- 082 Sprains and bruises
- 083 Fractures and burns
- 084 Fractures and other injuries
- 085 Burns and other injuries
- 086 Intracranial injuries and injuries to internal organs
- 089 Other combinations of traumatic injuries and disorders, n.e.c.

* - Asterisks indicate division, major group, or group titles.

- 09*** **Other traumatic injuries and disorders**
- 090 Other traumatic injuries and disorders, unspecified
- 091 Asphyxiations/strangulations, suffocations
- 092 Drownings
- 093 Electrocutions, electric shocks
- 094 Internal injuries to organs and blood vessels of the trunk
- 095* Other poisonings and toxic effects
- 0950 Other poisonings and toxic effects, unspecified
- 0951 Animal or insect bites and stings, venomous
- 0952 Radiation sickness
- 0959 Other poisonings and toxic effects, n.e.c.
- 096* Traumatic complications
- 0960 Traumatic complications, unspecified
- 0961 Traumatic shock
- 0962 Embolism, air or fat
- 0968 Multiple traumatic complications
- 0969 Traumatic complications, n.e.c.
- 097* Nonspecified injuries and disorders
- 0971 Crushing injuries
- 0972 Back pain, hurt back
- 0973 Soreness, pain, hurt, except the back
- 0978 Multiple nonspecified injuries and disorders
- 0979 Nonspecified injuries and disorders, n.e.c.
- 099 Other traumatic injuries and disorders, n.e.c.

* - Asterisks indicate division, major group, or group titles.

- 1*** **SYSTEMIC DISEASES AND DISORDERS**

- 10** **Systemic diseases and disorders, unspecified**

- 11*** **Diseases of the blood and blood forming organs**
- 110 Diseases of the blood and blood forming organs, unspecified
- 111 Hemolytic anemia--non-autoimmune
- 112 Aplastic anemia
- 113 Agranulocytosis or neutropenia
- 114 Methemoglobinemia
- 115 Purpura and other hemorrhagic conditions
- 119 Diseases of blood and blood forming organs, n.e.c.

- 12*** **Nervous system and sense organs diseases**
- 120 Nervous system and sense organs diseases, unspecified
- 121* Inflammatory diseases of the central nervous system
- 1210 Inflammatory diseases of the central nervous system, unspecified
- 1211 Encephalitis
- 1212 Meningitis
- 1219 Inflammatory diseases of the central nervous system, n.e.c.
- 122* Degenerative diseases of the central nervous system
- 1220 Degenerative diseases of the central nervous system, unspecified
- 1221 Cerebellar ataxia
- 1222 Reye's syndrome
- 1229 Degenerative diseases of the central nervous system, n.e.c.
- 123* Other disorders of the central nervous system
- 1230 Other disorders of the central nervous system, unspecified
- 1231 Anoxic brain damage
- 1232 Migraine
- 1239 Other disorders of the central nervous system, n.e.c.
- 124* Disorders of the peripheral nervous system
- 1240 Disorders of the peripheral nervous system, unspecified
- 1241 Carpal tunnel syndrome
- 1242 Inflammatory and toxic neuropathy, toxic polyneuropathy
- 1243 Toxic myoneural disorders
- 1249 Other disorders of the peripheral nervous system, n.e.c.
- 125* Disorders of the eye, adnexa, vision
- 1250 Disorders of the eye, adnexa, vision, unspecified
- 1251 Solar retinopathy
- 1252 Conjunctivitis--non-viral
- 1253 Inflammation except conjunctivitis (including ophthalmia, iritis, chalazion)
- 1254 Cataract
- 1255 Blindness, low vision
- 1256 Welder's flash
- 1257 Glaucoma
- 1258 Visual disturbances
- 1259 Disorders of the eye, adnexa, vision, n.e.c.

* - Asterisks indicate division, major group, or group titles.

- 126* Disorders of the ear, mastoid process, hearing
- 1260 Disorders of the ear, mastoid process, hearing, unspecified
- 1261 Deafness, hearing loss or impairment
- 1262 Tinnitus
- 1263 Otagia
- 1264 Mastoiditis
- 1265 Otitis media (except aero-)
- 1269 Disorders of ear, mastoid process, and hearing, n.e.c.

- 129 Nervous system and sense organs diseases, n.e.c.

- 13* Circulatory system diseases**

- 130 Circulatory system diseases, unspecified
- 131 Rheumatic fever with heart involvement
- 132 Hypertensive disease

- 133* Ischemic heart disease, including heart attack
- 1330 Ischemic heart disease, unspecified
- 1331 Myocardial infarction (heart attack)
- 1332 Angina
- 1339 Ischemic heart disease, n.e.c.

- 134* Diseases of pulmonary circulation
- 1340 Diseases of pulmonary circulation, unspecified
- 1341 Pulmonary heart disease
- 1349 Diseases of pulmonary circulation, n.e.c.

- 135* Other forms of heart disease
- 1350 Other forms of heart disease, unspecified
- 1351 Toxic myocarditis
- 1352 Heart failure
- 1353 Ill-defined descriptions and complications of heart disease
- 1359 Other forms of heart disease, n.e.c.

- 136* Cerebrovascular disease
- 1360 Cerebrovascular disease, unspecified
- 1361 Stroke
- 1362 Transient ischemic attacks
- 1369 Cerebrovascular disease, n.e.c.

- 137* Diseases of arteries, arterioles, capillaries
- 1370 Diseases of arteries, arterioles, capillaries, unspecified
- 1371 Raynaud's syndrome or phenomenon
- 1372 Aneurysm--nontraumatic
- 1379 Diseases of arteries, arterioles, capillaries, n.e.c.

- 138* Diseases of the veins, lymphatics
- 1380 Diseases of the veins, lymphatics, unspecified
- 1381 Varicose veins
- 1382 Hemorrhoids
- 1383 Phlebitis
- 1389 Diseases of the veins, lymphatics, n.e.c.

- 139 Circulatory system diseases, n.e.c.

* - Asterisks indicate division, major group, or group titles.

- 14* **Respiratory system diseases****
- 140 Respiratory system diseases, unspecified
- 141 Acute respiratory infections (including common cold)
- 142* **Other diseases of upper respiratory tract**
- 1420 Other diseases of upper respiratory tract, unspecified
- 1421 Allergic rhinitis
- 1422 Chronic conditions of upper respiratory tract (including chronic sinusitis, pharyngitis)
- 1429 Other diseases of upper respiratory tract, n.e.c.
- 143* **Pneumonia, influenza**
- 1430 Pneumonia, influenza, unspecified
- 1431 Pneumonia
- 1432 Influenza
- 1433 Legionnaires' disease
- 1439 Pneumonia, influenza, n.e.c.
- 144* **Chronic obstructive pulmonary disease and allied conditions**
- 1440 Chronic obstructive pulmonary disease and allied conditions, unspecified
- 1441 Bronchitis
- 1442 Emphysema
- 1443 Extrinsic asthma
- 1444 Extrinsic allergic alveolitis and pneumonitis (including farmers' lung, bagassosis)
- 1449 Chronic obstructive pulmonary diseases and allied conditions, n.e.c.
- 145* **Pneumoconioses**
- 1450 Pneumoconioses, unspecified
- 1451 Coal workers' pneumoconiosis (including anthracosis, black lung, miner's asthma)
- 1452 Asbestosis
- 1453 Silicosis
- 1454 Talcosis
- 1455 Aluminosis
- 1456 Berylliosis
- 1457 Siderosis
- 1458 Pneumoconiosis with tuberculosis
- 1459 Pneumoconioses, n.e.c.
- 146* **Pneumonopathy**
- 1460 Pneumonopathy, unspecified
- 1461 Byssinosis, Mill fever
- 1462 Metal fume fever
- 1469 Pneumonopathy, n.e.c.
- 149* **Other respiratory system diseases**
- 1490 Other respiratory diseases, unspecified
- 1491 Humidifier fever
- 1492 Pneumonitis, n.e.c.
- 1493 Pulmonary edema
- 1494 Pulmonary fibrosis, n.e.c.
- 1495 Atelectasis, collapsed lung
- 1499 Other respiratory system diseases, n.e.c.

* - Asterisks indicate division, major group, or group titles.

- 15* Digestive system diseases and disorders**
- 150 Digestive system diseases and disorders, unspecified
 - 151 Diseases of oral cavity, salivary glands, jaws
 - 152 Diseases of esophagus, stomach, duodenum
 - 153* Hernia
 - 1530 Hernia, unspecified
 - 1531 Inguinal hernia
 - 1532 Hiatal hernia
 - 1533 Ventral hernia
 - 1539 Hernia, n.e.c.
 - 154 Noninfectious enteritis and colitis (including ileitis)
 - 155 Other diseases of intestines or peritoneum
 - 156 Toxic hepatitis--noninfective
 - 159 Digestive system diseases and disorders, n.e.c.
- 16* Genitourinary system diseases and disorders**
- 160 Genitourinary system diseases and disorders, unspecified
 - 161* Nephritis, nephrotic syndrome, and nephrosis
 - 1610 Nephritis, nephrotic syndrome, and nephrosis, unspecified
 - 1611 Nephritis
 - 1612 Nephrotic syndrome
 - 1613 Nephrosis
 - 162* Other diseases of urinary system
 - 1620 Other diseases of urinary system, unspecified
 - 1621 Cystitis
 - 1623 Renal failure
 - 1629 Other diseases of urinary system, n.e.c.
 - 163* Diseases and disorders of the genital tract
 - 1630 Diseases and disorders of the genital tract, unspecified
 - 1631 Infertility
 - 1632 Spontaneous abortion, miscarriage
 - 1639 Diseases and disorders of the genital tract, n.e.c.
 - 164 Disorders of breast
 - 169 Genitourinary system diseases and disorders, n.e.c.
- 17* Musculoskeletal system and connective tissue diseases and disorders**
- 170 Musculoskeletal system and connective tissue diseases and disorders, unspecified
 - 171 Arthropathies and related disorders (arthritis)
 - 172* Dorsopathies
 - 1720 Dorsopathies, unspecified
 - 1721 Sciatica
 - 1722 Lumbago
 - 1723 Disc disorders, except dislocation
 - 1729 Dorsopathies, n.e.c.

* - Asterisks indicate division, major group, or group titles.

- 173* Rheumatism, except the back
- 1730 Rheumatism, except the back, unspecified
- 1731 Bursitis
- 1732 Synovitis
- 1733 Tendonitis
- 1734 Tenosynovitis
- 1735 Ganglion/cystic tumor
- 1736 Myositis
- 1739 Rheumatism, except the back, n.e.c.

- 174* Osteopathies, chondropathies, acquired deformities
- 1740 Osteopathies, chondropathies, acquired deformities, unspecified
- 1741 Curvature of spine
- 1749 Osteopathies, chondropathies, acquired deformities, n.e.c.

- 179 Musculoskeletal system and connective tissue diseases and disorders, n.e.c.

- 18* Disorders of the skin and subcutaneous tissue**
- 180 Disorders of the skin and subcutaneous tissue, unspecified
- 181* Infections of the skin and subcutaneous tissue
- 1810 Infections of the skin and subcutaneous tissue, unspecified
- 1811 Carbuncle and furuncle
- 1812 Cellulitis and abscess
- 1813 Acute lymphadenitis (acute abscess of lymph gland or node)
- 1814 Impetigo
- 1815 Pilonidal cyst
- 1816 Pyoderma
- 1819 Infections of the skin and subcutaneous tissue, n.e.c.

- 182* Dermatitis
- 1820 Dermatitis, unspecified
- 1821 Atopic dermatitis and related conditions
- 1822 Contact dermatitis, unspecified
- 1823 Allergic contact dermatitis
- 1824 Irritant contact dermatitis
- 1825 Other contact dermatitis
- 1826 Dermatitis due to substances taken internally
- 1829 Dermatitis, n.e.c.

- 183* Other inflammatory conditions of the skin
- 1830 Other inflammatory conditions of the skin, unspecified
- 1831 Erythematous dermatosis (including dandruff, parakeratosis, pityriasis)
- 1832 Bullous dermatoses
- 1833 Rosacea
- 1834 Other erythematous conditions
- 1835 Psoriasis and similar disorders
- 1836 Lichen
- 1837 Pruritus and related conditions
- 1839 Other inflammatory conditions, n.e.c.

- 184* Diseases of sebaceous glands
- 1840 Diseases of sebaceous glands, unspecified
- 1841 Acne
- 1842 Sebaceous cyst
- 1849 Diseases of sebaceous glands, n.e.c.

* - Asterisks indicate division, major group, or group titles.

- 189* Other diseases and disorders of the skin and subcutaneous tissue
- 1890 Other diseases and disorders of the skin and subcutaneous tissue, unspecified
- 1891 Corns and callosities (including callus, clavus)
- 1892 Other hypertrophic and atrophic conditions (including acquired keratoderma)
- 1893 Diseases of the nail (including ingrowing nail)
- 1894 Diseases of hair and hair follicles (including folliculitis)
- 1895 Disorders of sweat glands (including prickly heat)
- 1896 Vitiligo
- 1897 Chronic skin ulcers
- 1898 Urticaria, hives
- 1899 Other diseases and disorders of the skin and subcutaneous tissue, n.e.c.

19* Other systemic diseases and disorders

- 190 Other systemic diseases and disorders, unspecified
- 191* Endocrine, nutritional, metabolic, and immunity disorders
- 1910 Endocrine, nutritional, metabolic, and immunity disorders, unspecified
- 1911 Diseases and disorders of thyroid gland
- 1912 Diseases and disorders of other endocrine glands
- 1919 Endocrine, nutritional, metabolic, and immunity disorders, n.e.c.
- 199 Systemic diseases and disorders, n.e.c.

* - Asterisks indicate division, major group, or group titles.

2* **INFECTIOUS AND PARASITIC DISEASES**

20 **Infectious and parasitic diseases, unspecified**

21* **Bacterial diseases**

- 210 Bacterial diseases, unspecified
- 211* Tuberculoses
 - 2110 Tuberculoses, unspecified
 - 2111 Primary tuberculous infection
 - 2112 Pulmonary tuberculosis
 - 2113 Miliary tuberculosis
 - 2119 Tuberculoses, n.e.c.
- 212* Zoonotic bacterial diseases
 - 2120 Zoonotic bacterial diseases,unspecified
 - 2121 Plague
 - 2122 Tularemia
 - 2123 Anthrax
 - 2124 Brucellosis
 - 2125 Glanders
 - 2126 Melioidosis
 - 2127 Rat-bite fever
 - 2129 Zoonotic bacterial diseases, n.e.c.
- 213* Syphilis and other venereal diseases
 - 2130 Syphilis and other venereal diseases, unspecified
 - 2131 Early syphilis
 - 2132 Cardiovascular syphilis
 - 2133 Neurosyphilis
 - 2134 Gonorrhea and other gonococcal infections
 - 2139 Syphilis and other venereal diseases, n.e.c.
- 214* Other spirochetal diseases
 - 2140 Other spirochetal diseases, unspecified
 - 2141 Leptospirosis
 - 2142 Vincent's angina
 - 2143 Yaws
 - 2144 Pinta
 - 2149 Other spirochetal diseases, n.e.c.
- 219* Other bacterial diseases
 - 2190 Other bacterial diseases, unspecified
 - 2191 Leprosy
 - 2192 Diphtheria, whooping cough
 - 2193 Streptococcal sore throat and scarlatina
 - 2194 Erysipelas
 - 2195 Meningococcal infection
 - 2196 Tetanus
 - 2197 Septicemia
 - 2198 Actinomycotic infections
 - 2199 Other bacterial diseases, n.e.c

* - Asterisks indicate division, major group, or group titles.

- 22*** **Viral diseases**
- 220 Viral diseases, unspecified
- 221* **Human immunodeficiency virus (HIV) infection**
- 2210 Human immunodeficiency virus (HIV) infection, unspecified
- 2211 Acquired immune deficiency syndrome (AIDS)
- 2212 AIDS-like syndrome, AIDS-related complex (ARC)
- 2219 HIV infection, n.e.c.
- 222* **Non-arthropod-borne viral diseases of the central nervous system**
- 2220 Non-arthropod-borne viral diseases of the central nervous system, unspecified
- 2221 Acute poliomyelitis
- 2222 Slow virus infection of central nervous system
- 2223 Meningitis due to enterovirus
- 2224 Other enterovirus diseases
- 2229 Non-arthropod-borne viral diseases of the central nervous system, n.e.c.
- 223* **Viral diseases accompanied by exanthem (eruptive fever)**
- 2230 Viral diseases accompanied by exanthem (eruptive fever), unspecified
- 2231 Smallpox
- 2232 Cowpox and paravaccinia
- 2233 Chickenpox
- 2234 Herpes zoster
- 2235 Herpes simplex
- 2236 Measles
- 2237 Rubella/German measles
- 2239 Viral diseases accompanied by exanthem (eruptive fever), n.e.c.
- 224* **Arthropod-borne viral diseases**
- 2240 Arthropod-borne viral diseases, unspecified
- 2241 Yellow fever
- 2242 Dengue
- 2243 Viral encephalitis
- 2244 Hemorrhagic fever
- 2249 Arthropod-borne viral diseases, n.e.c.
- 225* **Viral Hepatitis**
- 2250 Viral Hepatitis, unspecified
- 2251 Type A viral hepatitis (infectious hepatitis)
- 2252 Type B viral hepatitis (serum hepatitis)
- 2259 Non Type A or Type B viral hepatitis
- 226* **Viral diseases of the conjunctiva**
- 2260 Viral diseases of the conjunctiva, unspecified
- 2261 Trachoma
- 2262 Viral conjunctivitis (ophthalmia)
- 2269 Viral diseases of the conjunctiva, n.e.c.

* - Asterisks indicate division, major group, or group titles.

- 229* Other diseases due to viruses and Chlamydiae
- 2290 Other diseases due to viruses and Chlamydiae, unspecified
- 2291 Rabies
- 2292 Mumps
- 2293 Ornithosis (including parrot fever, psittacosis)
- 2294 Specific diseases due to Coxsackie virus
- 2295 Infectious mononucleosis
- 2296 Cat scratch disease
- 2297 Foot and mouth disease
- 2299 Other diseases due to viruses and Chlamydiae, n.e.c.

23* Other arthropod-borne diseases

- 230 Other arthropod-borne diseases, unspecified
- 231* Rickettsioses diseases
- 2310 Rickettsioses diseases, unspecified
- 2311 Spotted fevers
- 2312 Q fever
- 2313 Tick typhus
- 2314 Trench fever
- 2319 Rickettsioses diseases, n.e.c.
- 232 Typhus
- 233 Malaria
- 234 Leishmaniasis
- 235 Trypanosomiasis (including Chagas' disease)
- 236 Relapsing fever
- 237 Lyme disease
- 239 Other arthropod-borne diseases, n.e.c.

24* Mycoses

- 240 Mycoses, unspecified
- 241 Dermatophytosis (including athlete's foot, tinea)
- 242 Dermatomycosis
- 243 Candidiasis
- 244 Coccidioidomycosis
- 245 Histoplasmosis
- 246 Blastomycotic infection (including paracoccidioidomycosis)
- 249 Mycoses, n.e.c.

25* Helminthiases

- 250 Helminthiases, unspecified
- 251 Schistosomiasis (including bilharziasis)
- 252 Other trematode infections (including fluke)
- 253 Echinococcosis
- 254 Other cestode infection (including tapeworm)
- 255 Trichinosis
- 256 Filarial infection and dracontiasis
- 257 Ancylostomiasis and necatoriasis
- 258 Unspecified intestinal parasitism
- 259 Helminthiases, n.e.c.

* - Asterisks indicate division, major group, or group titles.

26* Infectious diseases peculiar to the intestines

- 260 Infectious diseases peculiar to the intestines, unspecified
- 261 Cholera
- 262 Typhoid and paratyphoid fevers
- 263 Other salmonella infections
- 264 Shigellosis
- 265 Other bacterial food poisoning (including botulism and staphylococcal food poisoning)
- 266 Amebiasis
- 267 Colitis
- 268 Dysentery
- 269 Infectious diseases peculiar to the intestines, n.e.c.

29* Other infectious and parasitic diseases

- 290 Other infectious and parasitic diseases, unspecified
- 291 Toxoplasmosis
- 292 Trichomoniasis
- 293 Pediculosis and phthirus infestation (lice)
- 294 Acariasis (including scabies, chiggers, mites)
- 295 Other infestations (including maggots, leeches, jigger disease)
- 296 Sarcoidosis
- 299 Other infectious and parasitic diseases, n.e.c.

* - Asterisks indicate division, major group, or group titles.

3* NEOPLASMS, TUMORS, AND CANCER

31* Malignant neoplasms and tumors (cancers, carcinomas, sarcomas)

- 310 Malignant neoplasms and tumors (cancers, carcinomas, and sarcomas), unspecified
- 311* Malignant neoplasms and tumors of bone or connective tissue
 - 3110 Malignant neoplasms and tumors of bone or connective tissue, unspecified
 - 3111 Bone, articular cartilage
 - 3112 Connective and other soft tissue
 - 3118 Multiple malignant neoplasms and tumors of bone or connective tissue
- 312* Malignant neoplasms and tumors of the skin
 - 3120 Malignant neoplasms and tumors of the skin, unspecified
 - 3121 Melanoma of the skin (melanocarcinoma)
 - 3122 Non-melanoma skin cancer (squamous and basal cell)
 - 3128 Multiple malignant neoplasms and tumors of the skin
- 313* Malignant neoplasms and tumors of lymphatic and hematopoietic tissue
 - 3130 Malignant neoplasms and tumors of lymphatic and hematopoietic tissue, unspecified
 - 3131 Lymphosarcoma and reticulosarcoma (lymphoma)
 - 3132 Hodgkin's disease
 - 3133 Multiple myeloma
 - 3134 Leukemias
 - 3138 Multiple malignant neoplasms and tumors of lymphatic and hematopoietic tissue
 - 3139 Malignant neoplasms and tumors of lymphatic and hematopoietic tissue, n.e.c.
- 319 Malignant neoplasms and tumors of other sites

32* Benign neoplasms and tumors

- 320 Benign neoplasms and tumors, unspecified
- 321* Benign neoplasms of bone, connective tissue, and skin
 - 3210 Benign neoplasms of bone, connective tissue, and skin, unspecified
 - 3211 Benign neoplasms of bone and articular cartilage
 - 3212 Lipoma (fatty tumor)
 - 3213 Benign neoplasms of the skin
 - 3214 Other benign neoplasms of connective and other soft tissue
 - 3218 Multiple benign neoplasms of bone, connective tissue, and skin
- 329* Benign neoplasms and tumors of other sites
 - 3290 Benign neoplasms and tumors of other sites, unspecified
 - 3291 Hemangioma and lymphangioma--any site
 - 3298 Multiple benign neoplasms and tumors of other sites
 - 3299 Benign neoplasms and tumors of other sites, n.e.c.

33* Neoplasms and tumors of unknown properties

- 330 Neoplasms and tumors of unknown properties, unspecified
- 331 Bone, articular cartilage neoplasms and tumors of unknown properties
- 332 Connective and other soft tissue neoplasms and tumors of unknown properties
- 333 Skin neoplasms and tumors of unknown properties
- 338 Multiple neoplasms and tumors of unknown properties
- 339 Neoplasms and tumors of other sites of unknown properties, n.e.c.

* - Asterisks indicate division, major group, or group titles.

4* SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS

40 Symptoms, signs, and ill-defined conditions, unspecified

41* Symptoms

410 Symptoms, unspecified

411* General symptoms

4110 General symptoms, unspecified

4111 Loss of consciousness--not heat related

4112 Convulsions, seizures

4113 Malaise and fatigue

4114 Dizziness

4115 Non-specified allergic reaction

4118 Multiple general symptoms

4119 General symptoms, n.e.c.

412* Symptoms involving nervous and musculoskeletal systems

4120 Symptoms involving nervous and musculoskeletal systems, unspecified

4121 Spasms or tremors, n.e.c.

4122 Earache

4123 Eye strain

4128 Multiple symptoms involving nervous and musculoskeletal systems

4129 Symptoms involving nervous and musculoskeletal systems, n.e.c.

413* Symptoms involving skin and other integumentary tissue

4130 Symptoms involving skin and other integumentary tissue, unspecified

4131 Edema (including dropsy)

4132 Cyanosis

4133 Pallor and flushing

4138 Multiple symptoms involving skin and other integumentary tissue

4139 Symptoms involving skin and other integumentary tissue, n.e.c.

414* Symptoms involving head and neck

4140 Symptoms involving head and neck, unspecified

4141 Headache, except migraine

4142 Loss of voice, voice disturbances

4148 Multiple symptoms involving head and neck

4149 Symptoms involving head and neck, n.e.c.

415* Symptoms involving cardiovascular system

4150 Symptoms involving cardiovascular system, unspecified

4151 Unspecified tachycardia (rapid heart beat)

4152 Gangrene

4153 Enlargement of lymph nodes

4158 Multiple symptoms involving cardiovascular system

4159 Symptoms involving cardiovascular system, n.e.c.

416* Symptoms involving respiratory system and chest

4160 Symptoms involving respiratory system and chest, unspecified

4161 Hyperventilation

4162 Hemoptysis (cough with hemorrhage)

4163 Abnormal sputum

4164 Chest pain

4168 Multiple symptoms involving respiratory system and chest

4169 Symptoms involving respiratory system and chest, n.e.c.

* - Asterisks indicate division, major group, or group titles.

- 417* Symptoms involving digestive and urinary system
- 4170 Symptoms involving digestive and urinary system, unspecified
- 4171 Nausea and vomiting
- 4172 Heartburn
- 4173 Frequency of urination and polyuria
- 4174 Oliguria and anuria
- 4175 Abdominal pain, unspecified
- 4178 Multiple symptoms involving digestive or urinary system
- 4179 Symptoms involving digestive and urinary system, n.e.c.

- 418 Multiple symptoms
- 419 Other symptoms, n.e.c.

- 42* Abnormal findings**
- 420 Abnormal findings, unspecified
- 421* Abnormal findings from examination of blood
- 4210 Abnormal findings from examination of blood, unspecified
- 4211 Abnormal blood level of lead
- 4212 Abnormal blood level of substances, except. lead
- 4219 Abnormal findings from examination of blood, n.e.c.

- 422 Abnormal findings from examination of urine
- 423 Abnormal findings from other body substances
- 424 Abnormal findings from radiological and other examination of body structure
- 425 Abnormal findings from function studies
- 426 Abnormal findings from histological and immunological studies
- 427 Multiple abnormal findings
- 429 Other abnormal findings

- 48* Multiple symptoms, signs, and ill-defined conditions**
- 480 Multiple symptoms, signs, and ill-defined conditions, unspecified
- 481 Multiple chemical sensitivity
- 489 Multiple symptoms, signs, and ill-defined conditions, n.e.c.

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

* - Asterisks indicate division, major group, or group titles.

5* OTHER DISEASES, CONDITIONS, AND DISORDERS

51 Damage to prosthetic devices

52* Mental disorders or syndromes

520 Mental disorder or syndrome, unspecified

521* Anxiety, stress, neurotic disorders

5210 Anxiety, stress, neurotic disorders, unspecified

5211 Post-traumatic anxiety--acute

5212 Post-traumatic anxiety--chronic

5213 Panic disorder

5214 Neurotic reaction to stress

5218 Multiple anxiety, stress, neurotic disorders

5219 Neurotic disorders, n.e.c.

522* Organic mental disorders--neurotic or psychotic

5220 Organic mental disorders--neurotic or psychotic, unspecified

5221 Substance-induced mental disorder

5222 Organic affective syndrome

5228 Multiple organic mental disorders--neurotic or psychotic

5229 Organic mental disorders--neurotic or psychotic, n.e.c.

529 Mental disorders or syndromes, n.e.c.

59 Other diseases, conditions, and disorders, n.e.c.

8 MULTIPLE DISEASES, CONDITIONS, AND DISORDERS

9999 Nonclassifiable

* - Asterisks indicate division, major group, or group titles.

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SECTION 3.2

Part of

Body Affected

Code Titles

3.2	Part of Body Affected--Code Titles
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<p>The Part of Body Affected code structure is arranged in order from the top of the body (Division 0, Head) to the bottom of the body (Division 4, Lower Extremities). Division 5 classifies body systems. Division 8 classifies multiple body parts from two or more divisions. Division 9 classifies Prosthetic devices and any human parts of the body which are not classified or listed under any of the other divisions.</p>

Part of Body Affected code title pages are numbered from P-1 through P-5 (the "P" meaning "Part of Body Affected").

The Part of Body Affected divisions are arranged as follows:

<u>DIVISION</u>	<u>TITLE</u>
0	Head
1	Neck, Including Throat
2	Trunk
3	Upper Extremities
4	Lower Extremities
5	Body Systems
8	Multiple Body Parts
9	Other Body Parts
9999	Nonclassifiable

- 0*** **HEAD**

- 00** **Head, unspecified**
- 01*** **Cranial region, including skull**
- 010 Cranial region, unspecified
- 011 Brain
- 012 Scalp
- 013 Skull
- 018 Multiple cranial region locations
- 019 Cranial region, n.e.c.

- 02** **Ear(s)**

- 03*** **Face**
- 030 Face, unspecified
- 031 Forehead
- 032 Eye(s)

- 033* Nose, nasal cavity
- 0330 Nose, except internal location of diseases or disorders
- Internal Nasal Location of Diseases or Disorders:**
- 0331 Internal nasal location, unspecified
- 0332 Nasopharynx
- 0333 Nasal passages
- 0334 Sinuses
- 0338 Multiple internal nasal locations
- 0339 Internal nasal location, n.e.c.

- 034 Cheek(s)
- 035 Jaw/chin
- 036* Mouth
- 0360 Mouth, unspecified
- 0361 Lip(s)
- 0362 Tongue
- 0363 Tooth(teeth)
- 0364 Gum
- 0368 Multiple mouth locations
- 0369 Mouth, n.e.c.

- 038 Multiple face locations
- 039 Face, n.e.c.

- 08** **Multiple head locations**

- 09** **Head, n.e.c.**

* - Asterisks indicate division, major group, or group titles.

- 1*** **NECK, INCLUDING THROAT**
- 10 Neck, except internal location of diseases or disorders
Internal Neck Location of Diseases or Disorders:
- 11 Internal neck location, unspecified
- 12 Vocal cord(s)
- 13 Larynx
- 14 Laryngopharynx
- 15 Pharynx
- 16 Trachea
- 18 Multiple internal neck locations
- 19 Internal neck location, n.e.c.
- 2*** **TRUNK**
- 20 Trunk, unspecified**
- 21 Shoulder, including clavicle, scapula**
- 22*** **Chest, including ribs, internal organs**
- 220 Chest, except internal location of diseases or disorders
Internal Chest Location of Diseases or Disorders:
- 221 Internal chest location, unspecified
- 222 Esophagus
- 223 Heart
- 224 Bronchus
- 225 Lung(s), pleura
- 226 Breast(s)--internal
- 228 Multiple internal chest locations
- 229 Internal chest location, n.e.c.
- 23*** **Back, including spine, spinal cord**
- 230 Back, including spine, spinal cord, unspecified
- 231 Lumbar region
- 232 Thoracic region
- 233 Sacral region
- 234 Coccygeal region
- 238 Multiple back regions
- 239 Back, including spine, spinal cord, n.e.c.
- 24*** **Abdomen**
- 240 Abdomen, except internal location of diseases or disorders
Internal Abdominal Location of Diseases or Disorders:
- 241 Internal abdominal location, unspecified
- 242 Stomach organ
- 243 Spleen
- 244* Urinary organs
- 2440 Urinary organs, unspecified
- 2441 Bladder
- 2442 Kidney(s)
- 2448 Multiple urinary organs
- 2449 Urinary organs, n.e.c.

* - Asterisks indicate division, major group, or group titles.

245* Intestines, peritoneum
 2450 Intestines, peritoneum, unspecified
 2451 Peritoneum
 2452 Small intestine
 2453 Large intestine/colon, rectum
 2458 Multiple intestinal locations
 2459 Intestines, n.e.c.

 246* Other digestive structures
 2460 Other digestive structures, unspecified
 2461 Liver
 2462 Gallbladder
 2463 Pancreas
 2468 Multiple other digestive structures
 2469 Other digestive structures, n.e.c.

 248 Multiple internal abdominal locations
 249 Internal abdominal location, n.e.c.

25* Pelvic region
 250 Pelvic region, unspecified
 251 Hip(s)
 252 Pelvis
 253 Buttock(s)
 254 Groin

 255* External reproductive tract structures
 2550 External reproductive tract structures, unspecified
 2551 Scrotum
 2552 Penis
 2553 External female genital region
 2558 Multiple external reproductive tract structures
 2559 External reproductive tract structures, n.e.c.

 256* Internal reproductive tract structures
 2560 Internal reproductive tract structures, unspecified
 2561 Prostate
 2562 Testis(testes)
 2563 Ovary(ies)
 2564 Uterus
 2565 Female genitals, n.e.c.
 2568 Multiple internal reproductive tract structures
 2569 Internal reproductive tract structures, n.e.c.

 258 Multiple pelvic region locations
 259 Pelvic region, n.e.c.

28 Multiple trunk locations

29 Trunk, n.e.c.

* - Asterisks indicate division, major group, or group titles.

- 3*** **UPPER EXTREMITIES**

- 30** **Upper extremities, unspecified**
- 31*** **Arm(s)**
 - 310 Arm(s), unspecified
 - 311 Upper arm(s)
 - 312 Elbow(s)
 - 313 Forearm(s)
 - 318 Multiple arm(s) locations
 - 319 Arm(s), n.e.c.
- 32** **Wrist(s)**
- 33** **Hand(s), except finger(s)**
- 34** **Finger(s), fingernail(s)**
- 38*** **Multiple upper extremities locations**
 - 380 Multiple upper extremities locations, unspecified
 - 381 Hand(s) and finger(s)
 - 382 Hand(s) and wrist(s)
 - 383 Hand(s) and arm(s)
 - 389 Multiple upper extremities locations, n.e.c.
- 39** **Upper extremities, n.e.c.**

- 4*** **LOWER EXTREMITIES**

- 40** **Lower extremities, unspecified**
- 41*** **Leg(s)**
 - 410 Leg(s), unspecified
 - 411 Thigh(s)
 - 412 Knee(s)
 - 413 Lower leg(s)
 - 418 Multiple leg(s) locations
 - 419 Leg(s), n.e.c.
- 42** **Ankle(s)**
- 43*** **Foot(feet), except toe(s)**
 - 430 Foot(feet), except toe(s), unspecified
 - 431 Instep(s)
 - 432* Sole(s)
 - 4320 Sole(s), unspecified
 - 4321 Ball(s) of the foot
 - 4322 Arch(es)
 - 4323 Heel(s)
 - 4328 Multiple sole(s) locations
 - 4329 Sole(s), n.e.c.
 - 438 Multiple foot(feet) locations
 - 439 Foot(feet), n.e.c.

* - Asterisks indicate division, major group, or group titles.

44 **Toe(s), toenail(s)**

48* **Multiple lower extremities locations**

480 Multiple lower extremities locations, unspecified

481 Foot(feet) and leg(s)

482 Foot(feet) and ankle(s)

483 Foot(feet) and toe(s)

489 Multiple lower extremities locations, n.e.c.

49 **Lower extremities, n.e.c.**

5 **BODY SYSTEMS**

8 **MULTIPLE BODY PARTS**

9* **OTHER BODY PARTS**

91 **Prosthetic devices**

98 **Other body parts, n.e.c.**

9999 **Nonclassifiable**

* - Asterisks indicate division, major group, or group titles.

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SECTION 3.3

**Source of
Injury or
Illness;
Secondary Source
of Injury
or Illness
Code Titles**

3.3	Source of Injury or Illness; Secondary Source of Injury or Illness--Code Titles
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<p>The Source of Injury or Illness code structure is arranged in ten divisions, 0 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.</p>

Source of Injury or Illness code title pages are numbered from S-1 through S-38 (the "S" meaning "Source").

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

<u>DIVISION</u>	<u>TITLE</u>
0	Chemicals and Chemical Products
1	Containers
2	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

0* **CHEMICALS AND CHEMICAL PRODUCTS**

00 **Chemicals and chemical products, unspecified**

01* **Acids**

- 010 Acids, unspecified
- 011* Acid gases--halogen
 - 0110 Acid gases, unspecified
 - 0111 Hydrogen bromide
 - 0112 Hydrogen chloride
 - 0113 Hydrogen fluoride
 - 0114 Hydrogen iodide
 - 0119 Acid gases, n.e.c.
- 012* Inorganic acids--halogens
 - 0120 Inorganic acids--halogens, unspecified
 - 0121 Hydriodic acid
 - 0122 Hydrobromic acid
 - 0123 Hydrochloric acid
 - 0124 Hydrofluoric acid
 - 0129 Inorganic acids--halogens, n.e.c.
- 013* Inorganic acids--other
 - 0130 Inorganic acids, unspecified
 - 0131 Chlorine-containing oxyacids
 - 0132 Nitric acid
 - 0133 Phosphoric acid
 - 0134 Sulfuric acid
 - 0139 Inorganic acids, n.e.c.
- 014* Organic acids
 - 0140 Organic acids, unspecified
 - 0141 Acetic acid, vinegar
 - 0142 Acrylic acids
 - 0143 Carbolic acids
 - 0144 Hydrocyanic acid
 - 0145 Peracetic acid
 - 0146 Picric acid
 - 0149 Organic acids, n.e.c.
- 018 Multiple acids
- 019 Acids, n.e.c.
- 02*** **Alkalies**
- 020 Alkalies, unspecified
- 021* Calcium hydroxides, calcium oxides
 - 0210 Calcium hydroxide, calcium oxides, unspecified
 - 0211 Cement, mortar mix--dry
 - 0212 Cement, mortar--wet
 - 0213 Lime
 - 0219 Calcium hydroxide, calcium oxides, n.e.c.

* - Asterisks indicate division, major group, or group titles.

022* Carbonates--calcium, sodium
0220 Carbonates--calcium, sodium, unspecified
0221 Limestone, calcium carbonate
0222 Sodium bicarbonate, baking soda
0223 Sodium carbonate, soda ash
0229 Carbonates, n.e.c.

023 Lithium hydroxide
024 Sodium and potassium hydroxide, potassium carbonate
028 Multiple alkalis
029 Alkalies, n.e.c.

03* Aromatics and hydrocarbon derivatives, except halogenated

030 Aromatics and hydrocarbon derivatives, except halogenated, unspecified

031* Alcohols
0310 Alcohol, unspecified
0311 Antifreeze
0312 Ethanol
0313 Ethylene glycol
0314 Fusel oil
0315 Methanol
0316 Propanol
0319 Alcohol, n.e.c.

032* Aldehydes
0320 Aldehydes, unspecified
0321 Acetaldehyde
0322 Acrolein
0323 Formaldehyde
0324 Formalin
0329 Aldehydes, n.e.c.

033* Amines--nonaromatic
0330 Nonaromatic amines, unspecified
0331 Methyl amine
0339 Nonaromatic amines, n.e.c.

034* Aromatics
0340 Aromatics, unspecified
0341 Aniline and other aromatic amines
0342 Benzene
0343 Toluene
0344 Xylene
0349 Aromatics, n.e.c.

035* Ethers
0350 Ethers, unspecified
0351 Diethyl ether
0352 Dimethyl ether
0353 Ethylene oxide
0354 Methyl ethyl ether
0355 Vinyl ether

* - Asterisks indicate division, major group, or group titles.

0359	Ethers, n.e.c.
036*	Ketones
0360	Ketones, unspecified
0361	Acetone
0362	Mesityl oxide
0363	Methyl ethyl ketone
0364	Methyl N-butyl ketone
0369	Ketones, n.e.c.
037*	Peroxides
0370	Peroxides, unspecified
0371	Benzoyl peroxide
0372	Hydrogen peroxide
0373	Lithium peroxide
0374	Potassium peroxide
0375	Sodium peroxide
0379	Peroxides, n.e.c.
038	Multiple aromatics and hydrocarbon derivatives, except halogenated
039*	Aromatics and hydrocarbon derivatives, except halogenated, n.e.c.
0391	Nitro hydrocarbons
0399	Other aromatics and hydrocarbon derivatives, except halogenated, n.e.c.
04*	Halogens and halogen compounds
040	Halogens and halogen compounds, unspecified
041*	Bromine and bromine compounds
0410	Bromine compounds, unspecified
0411	Bromine
0412	Ethylene dibromide
0413	Methyl bromide
0414	Potassium bromide
0419	Bromine compounds, n.e.c.
042*	Chlorine and chlorine compounds
0420	Chlorine compounds, unspecified
0421	Carbon tetrachloride
0422	Chlorine, chlorine bleach
0423	Methyl chloride
0424	Pentachlorophenol
0425	Perchloroethylene
0426	Polychlorinated biphenyls (PCBs)
0427	Trichloroethylene
0429	Chlorine compounds, n.e.c.
043*	Fluorine and fluorine compounds
0430	Fluorine compounds, unspecified
0431	Fluorine
0432	Fluorotrichloromethane
0433	Fluorocarbons, n.e.c.
0434	Methyl fluoride
0439	Fluorine compounds, n.e.c.

* - Asterisks indicate division, major group, or group titles.

- 044 Iodine and iodine compounds
- 048 Multiple halogens and halogen compounds
- 049 Halogens and halogen compounds, n.e.c.
- 05* Metallic particulates, trace elements, dusts, powders, fumes**
- 050 Metallic particulates, trace elements, dusts, powders, fumes, unspecified
- 051 Arsenic, arsenic compound
- 052 Beryllium and beryllium compounds
- 053 Cadmium and cadmium compounds
- 054* Lead and lead compounds
 - 0540 Lead and lead compounds, unspecified
 - 0541 Inorganic lead compounds
 - 0542 Organic lead compounds
 - 0549 Lead and lead compounds, n.e.c.
- 055 Mercury and compounds
- 056* Other metallics and compounds
 - 0561 Aluminum and aluminum compounds
 - 0562 Antimony
 - 0563 Chromium and chromium compounds
 - 0564 Iron and iron compounds
 - 0565 Magnesium and magnesium compounds
 - 0566 Manganese
 - 0567 Nickel and nickel compounds
 - 0568 Zinc and zinc compounds
 - 0569 Other metallics and compounds, n.e.c.
- 057 Welding or soldering fumes, unspecified or n.e.c.
- 058 Multiple metallics and metallic compounds
- 059 Metallic particulates, trace elements, dusts, powders, fumes, n.e.c.
- 06* Agricultural chemicals and other pesticides**
- 060 Agricultural chemicals and other pesticides, unspecified
- 061 Fertilizers, plant food, n.e.c.
- 062 Fumigants, n.e.c.
- 063 Fungicides
- 064* Herbicides
 - 0640 Herbicides, unspecified
 - 0641 Benzoic and phenylacetic acids
 - 0642 Bipyridyls
 - 0643 Carbamate and thiocarbamate herbicides
 - 0644 Dinitro compounds
 - 0645 Phenols
 - 0646 Triazines
 - 0649 Herbicides, n.e.c.

* - Asterisks indicate division, major group, or group titles.

065* Insecticides
0650 Insecticides, unspecified
0651 Carbamate insecticides
0652 Organochlorine compounds
0653 Organophosphorus compounds
0658 Multiple insecticides
0659 Insecticides, n.e.c.

066 Rodenticides
068 Multiple agricultural and horticultural chemicals
069 Agricultural and horticultural chemicals, n.e.c.

07* Chemical products--general

070 Chemical products, unspecified
071 Adhesives, glues, n.e.c.

072* Beauty preparations, cosmetics, n.e.c.
0720 Beauty preparations, cosmetics, unspecified
0721 Hair preparations
0729 Other beauty preparations, cosmetics

073* Cleaning and polishing agents, disinfectants, n.e.c.
0730 Cleaning and polishing agents, unspecified
0731 Bleach--nonchlorine, nonperoxide
0732 Disinfectants
0733 Drain and oven cleaners
0734 Polishes
0735 Scouring powders
0736 Soap products
0737 Synthetic detergents and shampoos
0738 Multiple cleaning and polishing agents
0739 Other cleaning and polishing agents

074* Drugs, alcohol, medicines
0740 Drugs and medicines, unspecified
0741 Alcoholic beverages
0742 Drugs--nonmedicinal
0743 Medicines
0748 Multiple drugs, medicines
0749 Drugs and medicines, n.e.c.

075* Explosives, blasting agents, n.e.c.
0750 Explosives, blasting agents, unspecified
0751 Dynamite
0752 Flammable gas, unspecified
0753 Gunpowder
0754 Pyrotechnics, fireworks
0759 Other explosives, blasting agents

* - Asterisks indicate division, major group, or group titles.

076* Paint, lacquer, shellac, varnish, n.e.c.
0760 Paint, lacquer, shellac, varnish, unspecified
0761 Lacquer, shellac, varnish
0762 Paint
0768 Multiple paint, lacquer, shellac, or varnishes
0769 Other paint, lacquer, shellac, varnish

077* Solvents, degreasers, n.e.c.
0770 Solvents, degreasers, unspecified
0771 Naphtha solvents
0772 Paint removers, thinners
0773 Dry cleaning fluids, n.e.c.
0778 Multiple solvents, degreasers
0779 Other solvents, degreasers

079* Other chemical products
0790 Other chemical products, unspecified
0791 Dyes, inks
0792 Tear gas, mace
0793 Photographic and copying solutions
0799 Chemical products, n.e.c.

08* Coal, natural gas, petroleum fuels and products, n.e.c.

080 Coal, natural gas, petroleum fuels and products, unspecified

081* Coal and coal products
0810 Coal products, unspecified
0811 Coal
0812 Coke and other coal manufactures
0819 Coal and coal products, n.e.c.

082 Natural gas
083 Petroleum, crude oil

084* Petroleum fuels, distillates, products, n.e.c.
0840 Petroleum fuels, distillates, products, unspecified
0841 Butane
0842 Gasoline, diesel fuel, jet fuel
0843 Kerosene, heating oil
0844 Lubricating greases, cutting oils
0845 Propane
0849 Other petroleum fuels, distillates, products

089 Coal, natural gas, petroleum fuels and products, n.e.c.

09* Other chemicals

* - Asterisks indicate division, major group, or group titles.

091* Ammonia and ammonium compounds
0910 Ammonia and ammonium compounds, unspecified
0911 Ammonia, anhydrous ammonia
0912 Ammonium hydroxide
0913 Ammonium nitrate
0914 Ammonium sulfate
0918 Multiple ammonia and ammonium compounds
0919 Ammonia and ammonium compounds, n.e.c.

092* Cryogenic gases
0920 Cryogenic gases, unspecified
0921 Liquid fluorine
0922 Liquid helium
0923 Liquid hydrogen
0924 Liquid nitrogen
0925 Liquid oxygen
0929 Cryogenic gases, n.e.c.

093* Cyanide and cyanide compounds, n.e.c.
0930 Cyanide and cyanide compounds, unspecified
0931 Hydrogen cyanide
0938 Multiple cyanides
0939 Other cyanide and cyanide compounds

094* Oxygen and oxygen compounds, n.e.c.
0940 Oxygen and oxygen compounds, unspecified
0941 Carbon monoxide
0942 Carbon dioxide, dry ice
0943 Nitrogen oxides
0944 Oxygen--nonliquified
0945 Ozones
0948 Multiple oxygen and oxygen compounds
0949 Other oxygen and oxygen compounds, n.e.c.

095* Plastics, resins
0950 Plastics, unspecified
0951 Cyanates
0952 Resins
0953 Urethanes
0954 Vinyl chloride, polyvinyl chloride
0959 Plastics, resins, n.e.c.

096* Sewer gas, mine gas, methane
0960 Sewer gas, mine gas, unspecified
0961 Methane gas
0962 Mine gas
0963 Sewer gas

* - Asterisks indicate division, major group, or group titles.

- 097* Sulfur and sulfur compounds
- 0970 Sulfur and sulfur compounds, unspecified
- 0971 Carbon bisulfide
- 0972 Hydrogen sulfide
- 0973 Sulfur dioxide
- 0978 Multiple sulfur and sulfur compounds
- 0979 Sulfur and sulfur compounds, n.e.c.

- 098* Multiple chemicals or chemical mixtures, n.e.c.
- 0980 Multiple chemicals or chemical mixtures, unspecified
- 0981 Ammonia and chlorine
- 0982 Chlorine and phosphoric acid
- 0983 Chlorine and cleaning agent, n.e.c.
- 0989 Other multiple chemicals or chemical mixtures

- 099 Chemicals and chemical products, n.e.c.

* - Asterisks indicate division, major group, or group titles.

- 1*** **CONTAINERS**

- 10** **Containers, unspecified**
- 11*** **Containers--nonpressurized**
 - 110 Containers--nonpressurized, unspecified
 - 111 Bags, sacks, totes
 - 112 Barrels, kegs, drums
 - 113 Bottles, jugs, flasks
 - 114 Boxes, crates, cartons
 - 115 Buckets, baskets, pails
 - 116 Cans
 - 117 Pots, pans, trays
 - 118 Tanks, bins, vats
 - 119 Containers--nonpressurized, n.e.c.
- 12*** **Containers--pressurized**
 - 120 Containers--pressurized, unspecified
 - 121 Boilers
 - 122 Hoses
 - 123 Oxygen tanks
 - 124 Pressure lines, except hoses
 - 125 Propane tanks
 - 129 Containers--pressurized, n.e.c.
- 13*** **Containers--variable restraint**
 - 130 Containers--variable restraint, unspecified
 - 131 Bundles, bales
 - 132 Packages, parcels
 - 133 Reels, rolls
 - 139 Containers--variable restraint, n.e.c.
- 14*** **Dishes, drinking cups, beverage glasses**
 - 140 Dishes, drinking cups, beverage glasses, unspecified
 - 141 Dishes, bowls
 - 142 Drinking cups, beverage glasses
 - 149 Dishes, drinking cups, beverage glasses, n.e.c.
- 15*** **Luggage, handbags**
 - 150 Luggage, unspecified
 - 151 Briefcases
 - 152 Handbags, pocketbooks, wallets
 - 153 Suitcases
 - 159 Luggage, n.e.c.
- 16** **Skids, pallets**
- 19** **Containers, n.e.c.**

* - Asterisks indicate division, major group, or group titles.

- 2*** **FURNITURE AND FIXTURES**

- 20** **Furniture and fixtures, unspecified**
- 21*** **Cases, cabinets, racks, shelves**
- 210 Cases, cabinets, racks, shelves, unspecified
- 211 Bookcases
- 212 Cabinets, cases--display, storage
- 213 Counters, counter tops
- 214 Garment racks, other racks
- 215 Lockers
- 216 Partitions
- 217 Shelving
- 219 Cases, cabinets, racks, shelves, n.e.c.
- 22*** **Floor, wall, window coverings**
- 220 Floor, wall, window coverings, unspecified
- 221 Floor coverings, nonstructural
- 222 Wall coverings
- 223 Window coverings, blinds, shades, or draperies
- 229 Floor, wall, window coverings, n.e.c.
- 23*** **Furniture**
- 230 Furniture, unspecified
- 231 Beds, bedding, mattresses
- 232 Benches, workbenches, saw horses
- 233 Chairs
- 234 Desks
- 235 Sofas
- 236 Tables, worktables
- 239 Furniture, n.e.c.
- 24*** **Other fixtures**
- 240 Other fixtures, unspecified
- 241* Lighting equipment
- 2410 Lighting equipment, unspecified
- 2411 Lamps
- 2412 Light bulbs
- 2419 Lighting equipment, n.e.c.
- 242* Plumbing fixtures
- 2420 Plumbing fixtures, unspecified
- 2421 Bathtubs
- 2422 Sinks
- 2423 Toilets
- 2429 Plumbing fixtures, n.e.c.
- 249 Other fixtures, n.e.c.
- 29** **Furniture and fixtures, n.e.c.**

* - Asterisks indicate division, major group, or group titles.

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
 - 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 Mowers--tractor
 - 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 Dairy and milk processing machinery--specialized
 - 3192 Feed grinders, crushers, mixers--agricultural
 - 3193 Spraying and dusting machinery--agricultural
 - 3199 Agricultural and garden machinery, n.e.c.
- 32*** **Construction, logging, and mining machinery**
- 320 Construction, logging, and mining machinery, unspecified
- 321* Excavating machinery
 - 3210 Excavating machinery, unspecified
 - 3211 Backhoes
 - 3212 Bulldozers
 - 3213 Steam and power shovels
 - 3214 Trenchers
 - 3219 Excavating machinery, n.e.c.
- 322* Loaders
 - 3220 Loaders, unspecified
 - 3221 Bucket loaders
 - 3222 End loaders
 - 3223 Front end loaders
 - 3229 Loaders, n.e.c.

* - Asterisks indicate division, major group, or group titles.

- 323* Logging and wood processing machinery--specialized
- 3230 Logging and wood processing machinery--specialized, unspecified
- 3231 Chippers
- 3232 Debarkers
- 3233 Harvesters, including feller-buncher, sheet
- 3234 Log loaders, including heel boom
- 3235 Forwarder/yarder
- 3236 Mechanical harvester
- 3237 Slasher
- 3238 Skidder--cable and grapple
- 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 Tunnelling machines
- 3249 Mining and drilling machinery, n.e.c.

- 325* Road grading and surfacing machinery
- 3250 Road grading and surfacing machinery, unspecified
- 3251 Asphalt and mortar spreaders
- 3252 Graders, levellers, planers, scrapers
- 3253 Road linemarking machinery
- 3254 Steam rollers, road pavers
- 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
- 3294 Pile extractors
- 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.

* - Asterisks indicate division, major group, or group titles.

- 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 Dish washers
 - 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.
- 34* Material handling machinery**
 - 340 Material handling machinery, unspecified
 - 341* Conveyors--gravity
 - 3410 Conveyors--gravity, unspecified
 - 3411 Chutes
 - 3412 Conveyors--roller
 - 3413 Conveyors--wheel
 - 3419 Conveyors--gravity, 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--floating
 - 3432 Cranes--gantry
 - 3433 Cranes--hammerhead
 - 3434 Cranes--mobile, truck, rail mounted
 - 3435 Cranes--monorail and underhung
 - 3436 Cranes--overhead

* - Asterisks indicate division, major group, or group titles.

- 3437 Cranes--portal, tower, pillar
- 3438 Storage and retrieval hoist systems
- 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
- 3450 Derricks, unspecified
- 3451 Derricks--A-frame
- 3452 Derricks--basket
- 3453 Derricks--breast
- 3454 Derricks--gin pole
- 3455 Derricks--guy
- 3459 Derricks, n.e.c.

- 346* Elevators, aerial lifts
- 3460 Elevators, aerial lifts, unspecified
- 3461 Bucket or basket hoist--truck mounted
- 3462 Dumbwaiters
- 3463 Elevators--electric
- 3464 Elevators--hydraulic
- 3465 Elevators--hand operated
- 3466 Manlifts
- 3469 Elevators, aerial lifts, n.e.c.

- 347* Jacks
- 3470 Jacks, unspecified
- 3471 Jacks--hydraulic
- 3472 Jacks--mechanical
- 3473 Jacks--pneumatic
- 3479 Jacks, n.e.c.

- 349* Other material handling machinery
- 3491 Winders, unwinders
- 3499 Material 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.

* - Asterisks indicate division, major group, or group titles.

- 352* Boring, drilling, planing, milling machinery
- 3520 Boring, drilling, planing, milling machinery, unspecified
- 3521 Drills--stationary
- 3522 Planing machines
- 3523 Milling machines
- 3524 Reaming 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
- 3591 Electrochemical and discharge machinery (EDM)
- 3592 Laser cutting machinery
- 3593 Pressure fluid cutting machinery
- 3594 Spot welding machinery
- 3599 Metal, woodworking, and special material machinery, n.e.c.

* - Asterisks indicate division, major group, or group titles.

36* Office and business machinery

- 360 Office and business machinery, unspecified
- 361* Electronic computers and peripheral equipment
 - 3610 Electronic computers and peripheral equipment, unspecified
 - 3611 Cathode ray tubes (CRTs) and video display terminals (VDTs)
 - 3612 Computers--electronic
 - 3613 Keyboards--computer
 - 3614 Optical scanners
 - 3615 Printers and plotters--computer
 - 3619 Electronic computers and peripheral equipment, n.e.c.
- 362* Office, banking, and retail machinery
 - 3620 Office and banking 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
 - 3629 Office and banking 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, fat extractors
 - 3713 Meat grinders
 - 3714 Mixers, blenders, whippers--food and beverage
 - 3719 Food and beverage processing machinery--specialized, n.e.c.
- 372* Medical, surgical, and X-ray machinery and equipment
 - 3720 Medical, surgical, and X-ray machinery and equipment, unspecified
 - 3721 Medical machinery and equipment, except X-ray
 - 3722 X-ray, magnetic resonance imaging (MRIs), and fluoroscope machinery and equipment
 - 3729 Medical, surgical, and 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.

* - Asterisks indicate division, major group, or group titles.

- 374* Paper production machinery
- 3740 Paper production machinery, unspecified
- 3741 Calendars/supercalendars--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
- 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**
- 391* Audio and video equipment
- 3910 Audio and video equipment, unspecified
- 3911 Radios, stereos, and other audio equipment
- 3912 Telephones and communication equipment
- 3913 Televisions
- 3914 Video players and recorders--tape and disk
- 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.

* - Asterisks indicate division, major group, or group titles.

399*	Other machinery
3990	Other machinery, unspecified
3991	Air compressors
3992	Garbage disposals
3993	Incinerators
3994	Snowblowers
3995	Snow plows
3996	Street sweeping and cleaning machinery
3997	Trash compactors
3998	Vending machines
3999	Machinery, n.e.c.

* - Asterisks indicate division, major group, or group titles.

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 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 pipe, tubing
 - 4124 Pipe fittings
 - 4125 Plastic or rubber pipe 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
 - 4134 Grates
 - 4135 Plates, metal panels
 - 4136 Rails
 - 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.
- 415* Wood, lumber
 - 4150 Wood, lumber, unspecified
 - 4151 Dimensional lumber: 2x4, 2x3, etc.
 - 4152 Plywood, wood paneling; particle, chip, flake board
 - 4153 Wood pieces, trim pieces, n.e.c.
 - 4159 Wood, lumber, n.e.c.

* - Asterisks indicate division, major group, or group titles.

- 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, window panes
- 4194 Gutters, downspouts
- 4195 Sheet flooring
- 4196 Siding--aluminum, vinyl
- 4197 Structural hardware, n.e.c.
- 4198 Wallboard, drywall
- 4199 Other 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
- 4213 Nuts, bolts, washers
- 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
- 4226 Wire--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

* - Asterisks indicate division, major group, or group titles.

- 441* Electric parts
- 4410 Electric parts, unspecified
- 4411 Electrical wiring
- 4412 Generators
- 4413 Magnetic and electrolytic apparatus
- 4414 Motors
- 4415 Power lines, transformers, convertors
- 4416 Relays, rheostats, starters, controls
- 4417 Switchboards, switches, fuses
- 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
- 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 Asphalt, roofing tar
- 462 Fiberglass insulation
- 463 Foam caulking, foam insulation
- 464 Joint compound, patching compounds
- 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
- 479 Tarps and sheeting, nonmetal, n.e.c.

* - Asterisks indicate division, major group, or group titles.

- 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.
- 482* Engine parts and accessories
- 4820 Engine parts and accessories, unspecified
- 4821 Battery
- 4822 Belts, hoses
- 4823 Engine block
- 4824 Fan
- 4825 Muffler, exhaust
- 4826 Radiator
- 4827 Transmission
- 4829 Engine parts and accessories, n.e.c.
- 483 Trailers
- 484 Windshields, vehicle windows
- 489 Vehicle and mobile equipment parts, n.e.c.
- 49** **Parts and materials, n.e.c.**

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5* PERSONS, PLANTS, ANIMALS, AND MINERALS

51* Animals and animal products

- 510 Animals, unspecified
- 511* Animal products--nonfood
 - 5110 Animal products--nonfood, unspecified
 - 5111 Bones, shells
 - 5112 Feathers
 - 5113 Fur, wool
 - 5114 Hides--leather
 - 5119 Animal products--nonfood, n.e.c.
- 512* Birds and fowl
 - 5120 Birds and fowl, unspecified
 - 5121 Birds, except fowl
 - 5122 Chicken
 - 5123 Ducks
 - 5124 Geese
 - 5125 Turkey
 - 5129 Birds and fowl, n.e.c.
- 513 Fish, shellfish
- 514 Insects, arachnids (spiders, ticks, scorpions, etc.)
- 515* Mammals, except humans
 - 5150 Mammals, unspecified
 - 5151 Cats
 - 5152 Cattle
 - 5153 Dogs
 - 5154 Horses
 - 5155 Rats, rodents
 - 5156 Sheep
 - 5157 Swine
 - 5159 Mammals, n.e.c.
- 516 Reptiles, snakes
- 517 Animal waste products, including manure
- 519 Animals, n.e.c.
- 52* Food products--fresh or processed**
 - 520 Food products, unspecified
 - 521 Bakery products, candy, confections, snack foods
 - 522 Beverages, n.e.c.
 - 523 Dairy products
 - 524 Fruits, nuts, vegetables
 - 525 Grains, grain mill products
 - 526 Meat, poultry
 - 527 Seafood
 - 528 Multiple foods or groceries

* - Asterisks indicate division, major group, or group titles.

529* Other food products--fresh or processed

5291 Fats, oils

5292 Sugar, cocoa, chocolate

5299 Other food products--fresh or processed, n.e.c.

53* Infectious and parasitic agents

530 Infectious and parasitic agents, unspecified

531 Bacteria

532 Fungi

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 Rocks, crushed stone

556 Sand, gravel

557 Silica

559 Nonmetallic minerals, except fuel, n.e.c.

56* Person--injured or ill worker

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 Bodily fluids or substances of person

572 Co-worker, former co-worker of injured or ill worker

573 Health care patient or resident of health care facility

574 Relative of injured or ill worker

579 Person--other than injured or ill worker, n.e.c.

* - Asterisks indicate division, major group, or group titles.

- 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
- 586 Shrubs, grasses
- 587 Trees, logs
- 589 Plants, trees, vegetation--not processed, n.e.c.

- 59** **Persons, plants, animals, and minerals, n.e.c.**

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- 6*** **STRUCTURES AND SURFACES**

- 60** **Structures and surfaces, unspecified**

- 61*** **Building systems**
 - 610 Building system, unspecified
 - 611 Climate control system
 - 612 Plumbing system
 - 619 Building system, n.e.c.

- 62*** **Floors, walkways, ground surfaces**
 - 620 Floors, walkways, ground surfaces, unspecified
 - 621 Escalators
 - 622* Floors
 - 6220 Floor, unspecified
 - 6221 Floor of building
 - 6222 Floor of elevator
 - 6223 Floor of mine
 - 6224 Floor of scaffold, staging, or temporary work platform
 - 6225 Floor of vehicle
 - 6229 Floor, n.e.c.

 - 623 Ground
 - 624 Sidewalks, paths, outdoor walkways

 - 625* Stairs, steps
 - 6250 Stairs, steps, unspecified
 - 6251 Stairs, steps--indoors
 - 6252 Stairs, steps--outdoors

 - 626 Street, road

 - 627* Surfaces below ground level, n.e.c.
 - 6270 Surfaces below ground level, unspecified
 - 6271 Ditches, channels, trenches, excavations
 - 6279 Surfaces below ground level, n.e.c.

 - 628 Parking lots

 - 629* Other floors, walkways, ground surfaces
 - 6290 Other floors, walkways, ground surfaces, unspecified
 - 6291 Piers, wharfs
 - 6292 Ramps, runways, loading docks
 - 6293 Moving walkways
 - 6299 Floors, walkways, ground surfaces, n.e.c.

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- 63* Other structural elements**
- 630 Other structural elements, unspecified
- 631 Doors
- 632 Fences, fence panels
- 633 Gates
- 634 Roof
- 635 Roof trusses
- 636 Skylights
- 637 Walls
- 638 Windows
- 639 Structural elements, n.e.c.
- 64* Structures**
- 640 Structures, unspecified
- 641 Bridges, dams, locks
- 642 Buildings--office, plant, residential
- 643 Grandstands, stadia
- 644* Mines, caves, tunnels
- 6440 Mines, caves, tunnels, unspecified
- 6441 Mines, mine tunnels
- 6442 Pedestrian tunnels
- 6443 Sewers, manholes, storm drains
- 6444 Subway and train tunnels
- 6449 Mines, caves, tunnels, n.e.c.
- 645 Pools
- 646* Scaffolds, staging
- 6460 Scaffolds--staging, unspecified
- 6461 Scaffolds--improvised staging
- 6462 Scaffolds--selfsupporting staging
- 6463 Scaffolds--staging supported by structure or other means
- 6464 Scaffolds--suspended staging
- 6469 Scaffolds--staging, n.e.c.
- 647 Towers, poles
- 648* Other structures
- 6480 Other structures, unspecified
- 6481 Guardrails, road dividers
- 6482 Hydrants
- 6483 Wells
- 6489 Structures, n.e.c.
- 69 Structures and surfaces, n.e.c.**

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- 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
- 7112 Braces
- 7113 Drills
- 7119 Boring handtools--nonpowered, n.e.c.

- 712* Cutting handtools--nonpowered
- 7120 Cutting handtools--nonpowered, unspecified
- 7121 Axes, hatchets
- 7122 Bolt cutters
- 7123 Chisels
- 7124 Knives
- 7125 Saws
- 7126 Scissors, snips, shears
- 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* Measuring handtools--nonpowered
- 7150 Measuring handtools--nonpowered, unspecified
- 7151 Calipers, micrometers
- 7152 Dividers
- 7153 Gauges
- 7154 Levels
- 7155 Plumb bobs
- 7156 Rulers, tape measures
- 7157 Squares
- 7159 Measuring handtools--nonpowered, n.e.c.

* - Asterisks indicate division, major group, or group titles.

716* Striking and nailing handtools--nonpowered
7160 Striking handtools--nonpowered, unspecified
7161 Hammers
7162 Mallets
7163 Punches, counterpunches, countersinks
7164 Sledges
7169 Striking handtools--nonpowered, n.e.c.

717* Surfacing handtools--nonpowered
7170 Surfacing handtools--nonpowered, unspecified
7171 Files
7172 Planes
7173 Sanders
7174 Sharpening stones and wheels
7179 Surfacing handtools--nonpowered, n.e.c.

718* Turning handtools--nonpowered
7180 Turning handtools--nonpowered, unspecified
7181 Screwdrivers
7182 Wrenches
7189 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, sading forks
7194 Rakes
7195 Stapling tools--nonpowered
7199 Handtools--nonpowered, n.e.c.

72* Handtools--powered

720 Handtools--powered, unspecified

721* Boring handtools--powered
7210 Boring handtools--powered, unspecified
7211 Augers--powered
7212 Braces--powered
7213 Drills--powered
7214 Routers and molders--powered
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
7229 Cutting handtools--powered, n.e.c.

* - Asterisks indicate division, major group, or group titles.

- 723* Striking and nailing handtools--powered
- 7230 Striking handtools--powered, unspecified
- 7231 Hammers--powered
- 7232 Jackhammers--powered
- 7233 Punches--powered
- 7234 Riveters--powered
- 7239 Striking 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
- 7259 Turning handtools--powered, n.e.c.

- 726* Welding and heating handtools--powered
- 7260 Welding and heating handtools--powered, unspecified
- 7261 Blow torches
- 7262 Soldering irons--powered
- 7263 Welding torches--powered
- 7269 Welding and heating handtools--powered, n.e.c.

- 729* Other handtools--powered
- 7290 Other handtools--powered, unspecified
- 7291 Nail guns--powered
- 7293 Scrubbers--powered
- 7294 Sprayers--paint
- 7295 Stapling tools--electric or pneumatic
- 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--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

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- 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
- 7359 Turning handtools--power not determined, 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**
- 750 Medical and surgical instruments, unspecified
- 751 Needles and syringes
- 752 Scalpels
- 759 Medical and surgical instruments, n.e.c.
- 76* Photographic equipment**
- 760 Photographic equipment, unspecified
- 761 Cameras--still and motion picture
- 762 Photographic paper and cloth
- 763 Projectors--still and motion picture
- 764 Tripods, stands
- 769 Photographic equipment, n.e.c.

* - Asterisks indicate division, major group, or group titles.

- 77* Protective equipment, except clothing**
- 770 Protective equipment, except clothing, unspecified
 - 771 Dust masks
 - 772 Earplugs and hearing protectors
 - 773 Face shields, welding masks
 - 774 Hard hats
 - 775 Lifelines, lanyards, safety belts or harnesses
 - 776 Respirators
 - 777 Safety glasses or goggles
 - 779 Protective equipment, except clothing, n.e.c.
- 78* Recreation and athletic equipment**
- 780 Recreation and athletic equipment, unspecified
 - 781 Camping equipment
 - 782 Gymnasium and exercise equipment
 - 783 Playground equipment
 - 784 Riding goods and equipment
 - 785 Snow skiing goods and equipment
 - 786 Water sports equipment
 - 789 Recreation and athletic equipment, n.e.c.
- 79* Other tools, instruments, and equipment**
- 791 Clocks
 - 792 Cooking and eating utensils, except knives
 - 793* Firearms
 - 7930 Firearm, unspecified
 - 7931 Pistol, handgun, revolver
 - 7932 Rifle
 - 7933 Shotgun
 - 7939 Firearm, n.e.c.
 - 794 Health care and orthopedic equipment, n.e.c.
 - 795* Musical instruments
 - 7950 Musical instrument, unspecified
 - 7951 Pianos
 - 7959 Other musical instruments
 - 796* Sewing notions, n.e.c.
 - 7960 Sewing notions, unspecified
 - 7961 Fabric pins, safety pins
 - 7962 Sewing needles
 - 7969 Sewing notions, n.e.c.
 - 797 Wheelchairs

* - Asterisks indicate division, major group, or group titles.

- 798* Writing, drawing, and art supplies.
- 7980 Writing, drawing, and art supplies, unspecified
- 7981 Art supplies and materials, except paint
- 7982 Chalk, crayons, marking devices
- 7983 Pens and pencils
- 7989 Writing, drawing, and art supplies, n.e.c.

- 799 Tools, instruments, and equipment, n.e.c

* - Asterisks indicate division, major group, or group titles.

8* **VEHICLES**

80 **Vehicle, unspecified**

81* **Air vehicle**

- 810 Aircraft, unspecified
- 811* Aircraft--powered fixed wing
 - 8110 Aircraft--powered fixed wing, unspecified
 - 8111 Jet
 - 8112 Propeller-driven aircraft
 - 8119 Aircraft--powered fixed wing, n.e.c.
- 812* Aircraft--powered rotary wing
 - 8120 Aircraft--rotary wing, unspecified
 - 8121 Helicopter
 - 8122 Hovercraft
 - 8129 Aircraft--rotary wing, n.e.c.
- 813* Aircraft--nonpowered
 - 8130 Aircraft--nonpowered, unspecified
 - 8131 Glider, nonpowered
 - 8132 Parachute
 - 8139 Aircraft--nonpowered, n.e.c.
- 819 Aircraft, n.e.c.

82* **Highway vehicle, motorized**

- 820 Highway vehicle, unspecified
- 821 Automobile
- 822 Bus
- 823 Motorcycle, moped
- 824 Motor home, recreational vehicle
- 825* Truck
 - 8250 Truck, unspecified
 - 8251 Delivery truck
 - 8252 Dump truck
 - 8253 Pickup truck
 - 8254 Semitrailer, tractor trailer, trailer truck
 - 8259 Truck, n.e.c.
- 826 Van--passenger or light delivery
- 829 Highway vehicle, motorized, n.e.c.

83* **Highway vehicle, nonmotorized**

- 830 Highway vehicle, nonmotorized, unspecified
- 831* Animal or human powered vehicle
 - 8311 Horse drawn carriage
 - 8312 Bicycle
 - 8319 Animal or human powered vehicle, n.e.c.
- 839 Highway vehicle, nonmotorized, n.e.c.

* - Asterisks indicate division, major group, or group titles.

84*	Offroad vehicle, nonindustrial
840	Offroad vehicle, nonindustrial, unspecified
841	All terrain vehicle (ATV)
842	Golf cart, powered
843	Snowmobile
849	Offroad vehicle, nonindustrial, n.e.c.
85*	Plant and industrial powered vehicles, tractors
850	Plant and industrial powered vehicles, unspecified
851*	Forklift
8510	Forklift, unspecified
8511	Counterbalance rider--high lift
8512	Hand/rider forklift truck--motorized
8513	Order picker high lift truck
8514	Pallet lift truck--motorized
8515	Platform lift truck--high or low lift
8516	Reach rider lift truck
8517	Single side loader rider truck
8518	Straddle rider lift truck
8519	Forklift, n.e.c.
852*	Powered industrial carrier, except forklifts
8520	Powered industrial carrier, unspecified
8521	Container carrier
8522	Lumber carrier
8523	Stacker carrier
8524	Straddle carrier
8529	Powered industrial carrier, n.e.c.
853	Tractor
859	Plant and industrial powered vehicle, n.e.c.
86*	Plant and industrial vehicle--nonpowered
860	Plant and industrial vehicle--nonpowered, unspecified
861	Cart, dolly, handtruck
862	Wheelbarrow
869	Plant and industrial vehicle--nonpowered, n.e.c.
87*	Rail vehicle
870	Rail vehicle, unspecified
871	Amusement park rail vehicle
872	Streetcar, trolley
873	Subway
874	Train
879	Rail vehicle, n.e.c.

* - Asterisks indicate division, major group, or group titles.

- 88*** **Water vehicle**
- 880 Water vehicle, unspecified
- 881 Barge
- 882 Canoe, kayak, rowboat, raft
- 883 Jet skis
- 884 Motorboat, yachts
- 885 Sailboat, sailing ship
- 886 Ships--other than sail powered
- 887 Tugboat, commercial fishing boat
- 889 Water vehicle, n.e.c.

- 89** **Vehicles, n.e.c.**

* - Asterisks indicate division, major group, or group titles.

9* **OTHER SOURCES**

91* **Ammunition**

- 910 Ammunition, unspecified
- 911 Bullets
- 912 Explosive devices
- 913 Pellets
- 919 Ammunition, n.e.c.

92* **Apparel and textiles**

- 920 Apparel and textiles, unspecified
- 921* Clothing and shoes
 - 9210 Clothing, unspecified
 - 9211 Belts, gloves, neckties, scarves
 - 9212 Blouses, shirts, dresses, trousers, skirts
 - 9213 Hats, caps
 - 9214 Shoes, boots, slippers, sandals
 - 9215 Suits, coats, jackets
 - 9219 Clothing, n.e.c.
- 922* Eye glasses, jewelry, and watches
 - 9221 Eye glasses, sunglasses
 - 9222 Jewelry
 - 9223 Watches
- 923* Textile products
 - 9230 Textile products, unspecified
 - 9231 Fabric
 - 9232 Yarn, thread
 - 9239 Textile products, n.e.c.
- 924 Laundry
- 929 Apparel and textiles, n.e.c.

93* **Atmospheric and environmental conditions**

- 930 Atmospheric and environmental conditions, unspecified
- 931* Air pressure
 - 9310 Air pressure, unspecified
 - 9311 High pressure
 - 9312 Low pressure
- 932 Avalanche, mud slide
- 933 Earthquake
- 934* Fire, flame, smoke
 - 9340 Fire, flame, smoke, unspecified
 - 9341 Fire, flame
 - 9342 Smoke, fire gases
- 935 Flood

* - Asterisks indicate division, major group, or group titles.

- 936* Temperature extremes--environmental
- 9360 Temperature extremes--environmental, unspecified
- 9361 Cold--environmental
- 9362 Heat--environmental

- 937* Weather and atmospheric conditions
- 9370 Weather and atmospheric conditions, unspecified
- 9371 Fog
- 9372 High winds, gusts
- 9373 Ice, sleet, snow
- 9374 Lightning
- 9375 Rain
- 9376 Smog
- 9377 Tornado, hurricane, typhoon
- 9379 Weather and atmospheric conditions, n.e.c.

- 939* Other environmental conditions
- 9391 Noise
- 9392 Sun
- 9399 Environmental conditions, n.e.c.

- 94* Paper, books, magazines**
- 940 Paper, books, magazines, unspecified
- 941 Books, notebooks, magazines, catalogues
- 942 Paper, sheets
- 949 Paper, books, magazines, n.e.c.

- 95* Scrap, waste, debris**
- 950 Scrap, waste, debris, unspecified

- 951* Chips, particles, splinters
- 9510 Chips, particles, splinters, unspecified
- 9511 Dirt particles
- 9512 Glass chips or fibers
- 9513 Metal chips, particles
- 9514 Wood chips, sawdust
- 9519 Chips, particles, splinters, n.e.c.

- 952 Sewage
- 953 Trash, garbage
- 959 Scrap, waste, debris, n.e.c.

- 96* Steam, vapors, liquids, n.e.c.**
- 961 Steam, vapors--nonchemical
- 962* Liquids
- 9620 Liquids, unspecified
- 9621 Water
- 9629 Liquids, n.e.c.

- 98 Other sources, n.e.c.**

- 9999 Nonclassifiable**

* - Asterisks indicate division, major group, or group titles.

SECTION 3.4
Event or Exposure Code Titles

3.4	Event or Exposure--Code Titles
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<p>The Event or Exposure code structure is arranged so that events involving forcible contact are classified in Division 0 and 1. Bodily reactions and exposures are classified in Divisions 2 and 3. Transportation accidents, fires and explosions, and assaults and violent acts follow in Divisions 4 through 6 respectively.</p>

Event or Exposure code title pages are numbered from E-1 through E-9 (the "E" meaning "Event or Exposure").

The Event or Exposure divisions are arranged as follows:

<u>DIVISION</u>	<u>TITLE</u>
0	Contact With Objects and Equipment
1	Falls
2	Bodily Reaction and Exertion
3	Exposure to Harmful Substances or Environments
4	Transportation Accidents
5	Fires and Explosions
6	Assaults and Violent Acts
9	Other Events or Exposures
9999	Nonclassifiable

- 0*** **CONTACT WITH OBJECTS AND EQUIPMENT**

- 00** **Contact with objects and equipment, unspecified**
- 01*** **Struck against object or equipment**
 - 010 Struck against object or equipment, unspecified
 - 011 Stepped on object
 - 012 Struck against stationary object or equipment
 - 013 Struck against moving object or equipment
 - 019 Struck against object or equipment, n.e.c.
- 02*** **Struck by object or equipment**
 - 020 Struck by object or equipment, unspecified
 - 021 Struck by falling object or equipment
 - 022* Struck by flying object
 - 0220 Struck by flying object, unspecified
 - 0221 Struck by dislodged flying object, particle
 - 0222 Struck by discharged object or substance
 - 0229 Struck by flying object, n.e.c.
 - 023* Struck by swinging or slipping object
 - 0230 Struck by swinging or slipping object, unspecified
 - 0231 Struck by or slammed in swinging door or gate
 - 0232 Struck by slipping handheld object
 - 0239 Struck by swinging or slipping object, n.e.c.
 - 024 Struck by rolling, sliding objects or equipment on floor or ground level
 - 029 Struck by object or equipment, n.e.c.
- 03*** **Caught in or compressed by equipment or objects**
 - 030 Caught in or compressed by equipment or objects, unspecified
 - 031 Caught in running equipment or machinery
 - 032 Compressed or pinched by rolling, sliding, or shifting objects or equipment
 - 039 Caught in or compressed by equipment or objects, n.e.c.
- 04*** **Caught in or crushed in collapsing materials**
 - 040 Caught in or crushed in collapsing materials, unspecified
 - 041 Excavation or trenching cave-in
 - 042 Other cave-in
 - 043 Landslide
 - 044 Caught in or crushed in collapsing structure
 - 049 Caught in or crushed in collapsing materials, n.e.c.
- 05*** **Rubbed or abraded by friction or pressure**
 - 050 Rubbed or abraded by friction or pressure, unspecified
 - 051 Rubbed or abraded by kneeling on surface
 - 052 Rubbed or abraded by objects being handled
 - 053 Rubbed or abraded by foreign matter in eye
 - 059 Rubbed or abraded by friction or pressure, n.e.c.

* - Asterisks indicate division, major group, or group titles.

- 06*** **Rubbed, abraded, or jarred by vibration**
- 060 Rubbed, abraded, or jarred by vibration, unspecified
- 061 Rubbed, abraded, or jarred by vehicle or mobile equipment vibration
- 062 Rubbed, abraded, or jarred by other machine or equipment vibration
- 069 Rubbed, abraded, or jarred by vibration, n.e.c.

- 09** **Contact with objects and equipment, n.e.c.**

* - Asterisks indicate division, major group, or group titles.

- 1*** **FALLS**

- 10** **Fall, unspecified**

- 11*** **Fall to lower level**
- 110 Fall to lower level, unspecified
- 111 Fall down stairs or steps

- 112* Fall from floor, dock, or ground level
- 1120 Fall from floor, dock, or ground level, unspecified
- 1121 Fall through existing floor opening
- 1122 Fall through floor surface
- 1123 Fall from loading dock
- 1124 Fall from ground level to lower level
- 1129 Fall from floor, dock, or ground level, n.e.c.

- 113 Fall from ladder
- 114 Fall from piled or stacked material

- 115* Fall from roof
- 1150 Fall from roof, unspecified
- 1151 Fall through existing roof opening
- 1152 Fall through roof surface
- 1153 Fall through skylight
- 1154 Fall from roof edge
- 1159 Fall from roof, n.e.c.

- 116 Fall from scaffold, staging
- 117 Fall from building girders or other structural steel
- 118 Fall from nonmoving vehicle
- 119 Fall to lower level, n.e.c.

- 12*** **Jump to lower level**
- 120 Jump to lower level, unspecified
- 121 Jump from scaffold, platform, loading dock
- 122 Jump from structure, structural element, n.e.c.
- 123 Jump from nonmoving vehicle
- 129 Jump to lower level, n.e.c.

- 13*** **Fall on same level**
- 130 Fall on same level, unspecified
- 131 Fall to floor, walkway, or other surface
- 132 Fall onto or against objects
- 139 Fall on same level, n.e.c.

- 19** **Fall, n.e.c.**

* - Asterisks indicate division, major group, or group titles.

- 2*** **BODILY REACTION AND EXERTION**

- 20** **Bodily reaction and exertion, unspecified**

- 21*** **Bodily reaction**
- 210 Bodily reaction, unspecified
- 211 Bending, climbing, crawling, reaching, twisting
- 212 Sudden reaction when surprised, frightened, startled
- 213 Running--without other incident
- 214 Sitting
- 215 Slip, trip, loss of balance--without fall
- 216 Standing
- 217 Walking--without other incident
- 219 Bodily reaction, n.e.c.

- 22*** **Overexertion**
- 220 Overexertion, unspecified
- 221 Overexertion in lifting
- 222 Overexertion in pulling or pushing objects
- 223 Overexertion in holding, carrying, turning, or wielding objects
- 224 Overexertion in throwing objects
- 229 Overexertion, n.e.c.

- 23*** **Repetitive motion**
- 230 Repetitive motion, unspecified
- 231 Typing or keyentry
- 232 Repetitive use of tools
- 233 Repetitive placing, grasping, or moving objects, except tools
- 239 Repetitive motion, n.e.c.

- 24** **Sustained viewing**

- 25** **Bodily conditions, n.e.c.**

- 29** **Bodily reaction and exertion, n.e.c.**

* - Asterisks indicate division, major group, or group titles.

3* **EXPOSURE TO HARMFUL SUBSTANCES OR ENVIRONMENTS**

30 **Exposure to harmful substances or environments, unspecified**

31* **Contact with electric current**

- 310 Contact with electric current, unspecified
- 311 Contact with electric current of machine, tool, appliance, or light fixture
- 312 Contact with wiring, transformers, or other electrical components
- 313 Contact with overhead power lines
- 314 Contact with underground, buried power lines
- 315 Struck by lightning
- 319 Contact with electric current, n.e.c.

32* **Contact with temperature extremes**

- 320 Contact with temperature extremes, unspecified
- 321 Exposure to environmental heat
- 322 Exposure to environmental cold
- 323 Contact with hot objects or substances
- 324 Contact with cold objects or substances

33* **Exposure to air pressure changes**

- 330 Exposure to air pressure change, unspecified
- 331 Pressure changes underwater
- 332 Pressure changes in airplane, other aircraft
- 339 Exposure to air pressure change, n.e.c.

34* **Exposure to caustic, noxious, or allergenic substances**

- 340 Exposure to caustic, noxious, or allergenic substances, unspecified
- 341* Inhalation of substance
 - 3410 Inhalation of substance, unspecified
 - 3411 Inhalation in enclosed, restricted, or confined space
 - 3412 Inhalation in open or nonconfined space
- 342 Contact with skin or other exposed tissue
- 343* Injections, stings, venomous bites
 - 3430 Injections, stings, venomous bites, unspecified
 - 3431 Needle sticks
 - 3432 Bee, wasp, hornet sting
 - 3433 Other stings or venomous bites
 - 3439 Injections, stings, venomous bites, n.e.c.
- 344 Ingestion of substance
- 349 Exposure to caustic, noxious, or allergenic substances, n.e.c.

35* **Exposure to noise**

- 350 Exposure to noise, unspecified
- 351 Exposure to noise over time
- 352 Exposure to noise in single incident

* - Asterisks indicate division, major group, or group titles.

- 36*** **Exposure to radiation**
- 360 Exposure to radiation, unspecified
- 361 Exposure to sun
- 362 Exposure to welding light
- 363 Exposure to radioactive material
- 369 Exposure to radiation, n.e.c.

- 37** **Exposure to traumatic or stressful event, n.e.c.**

- 38*** **Oxygen deficiency, n.e.c.**
- 381 Drowning, submersion
- 382 Choking on object or substance
- 383 Depletion of oxygen from cave-in or collapsed materials
- 384 Depletion of oxygen in other enclosed, restricted, or confined space
- 389 Other oxygen deficiency, n.e.c.

- 39** **Exposure to harmful substances or environments, n.e.c.**

* - Asterisks indicate division, major group, or group titles.

4* **TRANSPORTATION ACCIDENTS**

40 **Transportation accident, unspecified**

41* **Highway accident**

- 410 Highway accident, unspecified
- 411* Collision between vehicles, mobile equipment
 - 4110 Collision between vehicles, mobile equipment, unspecified
 - 4111 Re-entrant collision
 - 4112 Moving in same direction
 - 4113 Moving in opposite directions, oncoming
 - 4114 Moving in intersection
 - 4115 Moving and standing vehicle, mobile equipment--in roadway
 - 4116 Moving and standing vehicle, mobile equipment--side of road
 - 4119 Collision between vehicles, mobile equipment, n.e.c.
- 412 Vehicle struck object in roadway
- 413 Vehicle struck object on side of road
- 414* Noncollision accident
 - 4140 Noncollision accident, unspecified
 - 4141 Jack-knifed or overturned--no collision
 - 4142 Ran off highway--no collision
 - 4143 Struck by shifting load
 - 4144 Sudden start or stop, n.e.c.
 - 4149 Noncollision accident, n.e.c.
- 419 Highway accident, n.e.c.

42* **Nonhighway accident, except rail, air, water**

- 420 Nonhighway accident, unspecified
- 421 Collision between vehicles or mobile equipment
- 422 Vehicle, mobile equipment struck stationary object
- 423* Noncollision accident
 - 4230 Noncollision accident, unspecified
 - 4231 Fall from moving vehicle, mobile equipment
 - 4232 Fell from and struck by vehicle, mobile equipment
 - 4233 Overturned
 - 4234 Loss of control
 - 4235 Struck by shifting load
 - 4236 Sudden start or stop, n.e.c.
 - 4239 Noncollision accident, n.e.c.
- 429 Nonhighway accident, n.e.c.

43* **Pedestrian, nonpassenger struck by vehicle, mobile equipment**

- 430 Pedestrian struck by vehicle, mobile equipment, unspecified
- 431 Pedestrian struck by vehicle, mobile equipment in roadway
- 432 Pedestrian struck by vehicle, mobile equipment on side of road
- 433 Pedestrian struck by vehicle, mobile equipment in parking lot or non-roadway area

* - Asterisks indicate division, major group, or group titles.

- 44*** **Railway accident**
- 440 Railway accident, unspecified
- 441 Collision between railway vehicles
- 442 Collision between railway vehicle and other vehicle
- 443 Collision between railway vehicle and other object
- 444 Fell from and struck by railway vehicle
- 445 Derailment
- 446 Explosion, fire, n.e.c.
- 447 Fall in, on, or from railway vehicle in motion, n.e.c.
- 449 Railway accident, n.e.c.

- 45*** **Water vehicle accident**
- 450 Water vehicle accident, unspecified
- 451 Collision
- 452 Explosion, fire, n.e.c.
- 453 Fall from ship, boat, n.e.c.
- 454 Fall on ship, boat
- 455 Sinking, capsized water vehicle
- 459 Water vehicle accident, n.e.c.

- 46*** **Aircraft accident**
- 460 Aircraft accident, unspecified
- 461 During takeoff or landing
- 469 Aircraft accident, n.e.c.

- 49** **Transportation accident, n.e.c.**

* - Asterisks indicate division, major group, or group titles.

- 5*** **FIRES AND EXPLOSIONS**

- 50** **Fire or explosion, unspecified**
- 51*** **Fire--unintended or uncontrolled**
- 510 Fire, unspecified
- 511 Fire in residence, building, or other structure
- 512 Forest, brush, or other outdoor fire
- 513 Ignition of clothing from controlled heat source
- 519 Fire, n.e.c.

- 52*** **Explosion**
- 520 Explosion, unspecified
- 521 Explosion of battery
- 522 Explosion of pressure vessel or piping
- 529 Explosion, n.e.c.

- 6*** **ASSAULTS AND VIOLENT ACTS**

- 60** **Assaults and violent acts, unspecified**
- 61*** **Assaults and violent acts by person(s)**
- 610 Assaults and violent acts by person(s), unspecified
- 611 Biting
- 612 Hitting, kicking, beating
- 613 Shooting
- 614 Squeezing, pinching, scratching, twisting
- 615 Stabbing
- 616 Rape
- 617 Threats or verbal assaults
- 619 Assaults and violent acts by person(s), n.e.c.

- 62*** **Self-inflicted injury**
- 620 Self-inflicted injury, unspecified
- 621 Suicide, attempted suicide
- 622 Self-inflicted injury or fatality--intent unknown

- 63*** **Assaults by animals**
- 630 Assaults by animals, unspecified
- 631 Nonvenomous bites
- 639 Assaults by animals, n.e.c.

- 9** **OTHER EVENTS OR EXPOSURES**

- 9999** **Nonclassifiable**

* - Asterisks indicate division, major group, or group titles.

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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

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SECTION 4.1

**Nature of
Injury or Illness
Index**

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NATURE CODE INDEX

A		
2223	Abacterial meningitis	0739 Air pressure effects, n.e.c.
1533	Abdominal hernia	0730 Air pressure effects, unspecified
4175	Abdominal pain, unspecified	1443 Allergic asthma
4211	Abnormal blood level of lead	1823 Allergic contact dermatitis
4212	Abnormal blood level of substances, except lead	115 Allergic purpura
4212	Abnormal blood-gas level	4115 Allergic reaction, unspecified
425	Abnormal electrocardiogram (ECG, EKG)	1421 Allergic rhinitis
425	Abnormal electroencephalogram (EEG)	249 Allescheriosis
425	Abnormal electroretinogram (ERG)	1455 Aluminosis
42*	Abnormal findings	266 Amebiasis
421*	Abnormal findings from examination of blood	031* Amputations with bone loss or unspecified
4219	Abnormal findings from examination of blood, n.e.c.	0319 Amputations, except fingertip
4210	Abnormal findings from examination of blood, unspecified	0311 Amputations, fingertip
422	Abnormal findings from examination of urine	031* Amputations, medical--due to irreparable traumatic injuries
425	Abnormal findings from function studies	0961 Anaphylactic shock with no mention of the underlying injury or illness
426	Abnormal findings from histological and immunological studies	257 Ancylostomiasis and necatoriasis
423	Abnormal findings from other body substances	112 Anemia, aplastic
424	Abnormal findings from radiological and other examination of body structure	112 Anemia, paralytic (toxic)
420	Abnormal findings, unspecified	111 Anemia, sickle-cell
4121	Abnormal involuntary movements	094 Aneurysm, traumatic
426	Abnormal karyotype	1372 Aneurysm--nontraumatic
424	Abnormal mammogram results	1339 Aneurysm of the heart wall, and coronary vessels
4163	Abnormal sputum	1332 Angina
4129	Abnormality of gait	1332 Angina pectoris
081	Abrasions, cuts, bruises	0951 Animal or insect bites and stings, venomous
041	Abrasions, scratches	032 Animal or insect bites--nonvenomous
1812	Abscess, skin, and cellulitis	259 Anisakiasis
164	Abscess, breast	4219 Anisocytosis
155	Abscess, intestinal	171 Ankylosis of the joint
294	Acariasis (including scabies, chiggers, mites)	129 Anosmia or loss of sense of smell
422	Acetonuria	1231 Anoxic brain damage
1841	Acne	013 Anterior cord syndrome
1841	Acne varioliformis	1229 Anterior horn cell disease
2211	Acquired immune deficiency syndrome (AIDS)	1451 Anthracosis
1892	Acquired keratoderma	2123 Anthrax
2198	Actinomycotic infections	4174 Anuria
1813	Acute abscess of lymph gland or node (lymphadenitis)	521* Anxiety, stress, neurotic disorders
1359	Acute and subacute endocarditis	5210 Anxiety, stress, neurotic disorders, unspecified
141	Acute bronchitis and bronchiolitis	5211 Anxiety, over exposure to HIV or other disease
1341	Acute cor pulmonale	1372 Aortic aneurysms--nontraumatic
1813	Acute lymphadenitis (acute abscess of lymph gland or node)	094 Aortic aneurysms, traumatic
1359	Acute non-toxic myocarditis	4149 Aphasia
1359	Acute pericarditis	112 Aplasia
2221	Acute poliomyelitis	112 Aplastic anemia
1341	Acute pulmonary artery or vein embolism	0721 Apoplexy, heat
1341	Acute pulmonary artery or vein infarction	2212 ARC--AIDS-related complex
141	Acute respiratory infections (including common cold)	1379 Arterial embolism--nontraumatic
1351	Acute toxic myocarditis	094 Arterial hematoma
1422	Adenoids--chronic diseases	1379 Arterial thrombosis--nontraumatic
125*	Adnexa, eye, vision disorders	137* Arteries, arterioles, capillaries diseases
0731	Aero-otitis media	1349 Arteriovenous fistula of pulmonary vessels
0732	Aerosinusitis	171 Arthritis
113	Agranulocytosis or neutropenia	171 Arthropathies and related disorders (arthritis)
2211	AIDS--diagnosed	1919 Arthropathy--gouty
2212	AIDS-like syndrome, AIDS-related complex (ARC)	171 Arthropathy--nongouty
2212	AIDS-related complex (ARC)	224* Arthropod-borne viral diseases
299	Ainhum	2249 Arthropod-borne viral diseases, n.e.c.
0962	Air embolism, traumatic	2240 Arthropod-borne viral diseases, unspecified
073	Air pressure effects	1452 Asbestosis
0738	Air pressure effects, multiple	259 Ascariasis
		419 Ascites
		2223 Aseptic meningitis
		249 Aspergillosis
		0959 Asphyxia from gas, fumes, and vapors
		091 Asphyxia, positional
		091 Asphyxiations/strangulations, suffocations
		094 Asphyxiation from crushed chest or internal injury of the trunk
		1849 Asteatosis--cutis
		1443 Asthma, allergic
		1461 Asthma, cotton-dust
		1443 Asthma, crab
		1444 Asthma, extrinsic

*Titles -not used for case coding

NATURE CODE INDEX

1449 Asthma, intrinsic
 1451 Asthma, miner's
 1449 Asthma, nonallergic
 1461 Asthma, stripper's
 1495 Atelectasis, collapsed lung
 1842 Atheroma
 1379 Atherosclerosis
 241 Athlete's foot
 1821 Atopic dermatitis and related conditions
 033 Avulsions
 021 Avulsions of joint capsule, ligament, muscle, or tendon--traumatic

B

018 Back fracture--fatal
 012 Back fracture--nonfatal
 0972 Back pain, hurt back
 1729 Back spasm--nontraumatic
 0972 Back spasm--traumatic
 021 Back, twisted
 0972 Back went out
 0972 Backache--traumatic
 4219 Bacteremia, unspecified
 21* Bacterial diseases
 210 Bacterial diseases, unspecified
 212* Bacterial diseases, zoonotic
 1431 Bacterial pneumonia
 1444 Bagassosis
 269 Balantidiasis
 0732 Barosinusitis
 0731 Barotitis
 0732 Barotrauma, sinus
 0731 Barotrauma, otitic
 239 Bartonellosis
 3122 Basal cell non-melanoma skin cancer
 1459 Bauxite fibrosis
 0951 Bee sting
 299 Behcet's syndrome
 1249 Bell's palsy
 0733 Bends
 164 Benign mammary dysplasias
 32* Benign neoplasms and tumors
 329* Benign neoplasms and tumors of other sites
 3299 Benign neoplasms and tumors of other sites, n.e.c.
 3290 Benign neoplasms and tumors of other sites, unspecified
 320 Benign neoplasms and tumors, unspecified
 3211 Benign neoplasms of bone and articular cartilage
 321* Benign neoplasms of bone, connective tissue, and skin
 3210 Benign neoplasms of bone, connective tissue, and skin, unspecified
 3213 Benign neoplasms of the skin
 1456 Berylliosis
 251 Bilharziasis
 422 Biliuria
 032 Bite, animal or insect--nonvenomous
 0951 Bite, animal or insect--venomous
 043 Black eye
 1451 Black lung
 169 Bladder prolapse
 246 Blastomycotic infection (including paracoccidioidomycosis)
 1255 Blindness, low vision
 042 Blisters
 05* Blisters from burns
 043 Blisters from friction
 119 Blood and blood forming organs diseases, n.e.c.
 042 Blood blisters
 130 Blood clots, nontraumatic, unspecified whether arterial or venous

4211 Blood level of lead, abnormal
 4212 Blood level of substances except lead, abnormal
 2197 Blood poisoning
 1372 Blood vessel rupture, nontraumatic
 094 Blood vessel rupture (trunk), traumatic
 099 Blood vessel rupture (nontrunk), traumatic
 1811 Boils
 311* Bone or connective tissue neoplasms and tumors, malignant
 3111 Bone, articular cartilage
 331 Bone, articular cartilage neoplasms and tumors of unknown properties
 321* Bone, connective tissue, and skin neoplasms, benign
 265 Botulism
 1361 Brain attack
 1231 Brain damage, anoxic
 164 Breast abscess
 319 Breast cancer
 232 Brill-Zinsser disease
 011 Broken cartilage
 012 Broken tooth
 141 Bronchiolitis--acute
 1449 Bronchiolitis--chronic
 141 Bronchitis--acute
 1441 Bronchitis--chronic
 143* Bronchopneumonia
 1461 Brown lung
 2124 Brucellosis
 082 Bruises and sprains
 048 Bruises and wounds-surface, multiple
 040 Bruises and wounds-surface, unspecified
 081 Bruises, abrasions, cuts
 043 Bruises, contusions
 2121 Bubonic plague
 1379 Buerger's disease
 1832 Bullous dermatoses
 1899 Bumps on skin
 05* Burns
 083 Burns and fractures
 085 Burns and other injuries
 051 Burns, chemical
 052 Burns, electrical
 05* Burns, first, second, or third degree
 053 Burns, heat
 058 Burns, multiple types
 059 Burns, n.e.c.
 059 Burns, radiation
 1839 Burns, sun
 053 Burns, thermal
 050 Burns, unspecified
 1731 Bursitis
 1461 Byssinosis, Mill fever

C

0733 Caisson disease, bends, divers' palsy
 1891 Callus
 319 Cancer of the breast
 3* Cancer, Tumors, Neoplasms
 31* Cancers
 243 Candidiasis
 259 Capillariasis
 137* Capillaries, arteries, arterioles diseases
 0959 Carbon monoxide poisoning
 1811 Carbuncle and furuncle
 31* Carcinomas
 1359 Cardiac arrest, only injury identified
 1359 Cardiac dysrhythmias
 1331 Cardiac infarction
 4159 Cardiac murmurs
 1359 Cardiomyopathy
 2132 Cardiovascular syphilis
 415* Cardiovascular system symptoms

*Titles -not used for case coding

NATURE CODE INDEX

1241 Carpal tunnel syndrome
 239 Carrion's disease
 011 Cartilage tear
 011 Cartilage, fractured or broken
 2296 Cat scratch disease
 1254 Cataract
 1812 Cellulitis and abscess
 013 Central cord syndrome
 122* Central nervous system degenerative diseases
 121* Central nervous system inflammatory diseases
 1221 Cerebellar ataxia
 1369 Cerebral artery occlusion
 061 Cerebral hemorrhages, traumatic
 1360 Cerebral hemorrhages—nontraumatic
 1361 Cerebrovascular accident (CVA)
 136* Cerebrovascular disease
 1369 Cerebrovascular disease, n.e.c.
 1360 Cerebrovascular disease, unspecified
 235 Chagas' disease
 1253 Chalazion, ophthalmia, iritis
 051 Chemical burns
 4164 Chest pain--nontraumatic
 416* Chest symptoms
 2233 Chickenpox
 294 Chiggers (Acariasis)
 0719 Chilblains
 4119 Chills
 012 Chipped tooth
 1841 Chloracne
 091 Choking on food or other substances
 261 Cholera (vibrio)
 1253 Chorio-retinal inflammations
 1259 Choroid disorders
 249 Chromoblastomycosis
 1441 Chronic bronchitis
 1449 Chronic bronchiolitis
 1422 Chronic conditions of upper respiratory tract (including chronic sinusitis)
 1422 Chronic diseases of adenoids
 1422 Chronic diseases of tonsils
 119 Chronic lymphadenitis
 144* Chronic obstructive pulmonary disease and allied conditions
 1440 Chronic obstructive pulmonary disease and allied conditions, unspecified
 1449 Chronic obstructive pulmonary diseases and allied conditions, n.e.c.
 131 Chronic rheumatic heart disease
 1422 Chronic sinusitis
 1897 Chronic skin ulcers
 422 Chyluria
 13* Circulatory system diseases
 139 Circulatory system diseases, n.e.c.
 130 Circulatory system diseases, unspecified
 159 Cirrhosis, liver
 232 Classic typhus
 1891 Clavus
 1451 Coal workers' pneumoconiosis (including anthracosis, black lung, miner's asthma)
 244 Coccidioidomycosis
 269 Coccidiosis
 424 Coin lesion or shadow of lung
 141 Cold, common
 267 Colitis, infectious
 154 Colitis, noninfectious
 1495 Collapsed lung
 012 Comminuted fracture
 141 Common cold
 012 Compound fracture
 062 Concussions
 226* Conjunctiva diseases, viral
 1252 Conjunctivitis, unknown causal agent
 2262 Conjunctivitis, viral
 1252 Conjunctivitis--non-viral

3112 Connective and other soft tissue cancer
 332 Connective and other soft tissue neoplasms and tumors of unknown properties
 170 Connective tissue and Musculoskeletal system diseases and disorders, unspecified
 311* Connective tissue or bone neoplasms and tumors, malignant
 321* Connective tissue, bone, and skin neoplasms, benign
 1823 Contact dermatitis, allergic
 1824 Contact dermatitis, irritant
 1822 Contact dermatitis, unspecified
 06* Contusions, brain
 043 Contusions, bruises
 4112 Convulsions, seizures
 1256 Corneal flash burn (welder's flash)
 1253 Corneal ulcer
 1891 Corns and callosities (including callus, clavus)
 1331 Coronary (artery) embolism--nontraumatic
 1339 Coronary atherosclerosis
 1461 Cotton-dust asthma
 1461 Cotton-mill fever
 2232 Cowpox and paravaccinia
 1443 Crab asthma
 060 Crushed head
 0971 Crushing injuries
 094 Crushing injuries involving internal organs
 060 Crushing injuries involving the head
 094 Crushing injuries involving the trunk--fatal
 249 Cryptococcosis
 422 Crystalluria
 1241 CTS--Carpal Tunnel Syndrome
 1741 Curvature of spine
 081 Cuts, abrasions, bruises
 034 Cuts, lacerations
 1361 CVA—Cerebrovascular accident
 4132 Cyanosis
 1815 Cyst, pilonidal
 1842 Cyst, sebaceous
 1919 Cystic fibrosis
 1735 Cystic tumor
 1621 Cystitis
 2299 Cytomegalovirus

D

51 Damage to prosthetic devices (artificial limb, corrective lenses, dentures, hearing aid, glass eye)
 1831 Dandruff
 1261 Deafness, hearing loss or impairment
 0319 Decapitation
 0733 Decompression sickness or illness
 2122 Deerfly fever
 07* Dehydration from environmental conditions
 1919 Dehydration, nonenvironmental
 122* Degenerative diseases of the central nervous system
 1229 Degenerative diseases of the central nervous system, n.e.c.
 1220 Degenerative diseases of the central nervous system, unspecified
 2242 Dengue
 012 Depressed fracture
 182* Dermatitis
 1826 Dermatitis due to substances taken internally
 1823 Dermatitis, allergic (contact)
 1821 Dermatitis, atopic
 1824 Dermatitis, irritant
 1829 Dermatitis, n.e.c.
 1820 Dermatitis, unspecified
 242 Dermatormycosis
 241 Dermatophytosis (including athlete's foot, tinea)

*Titles -not used for case coding

NATURE CODE INDEX

1239 Epilepsy
 4149 Epistaxis/nosebleed
 2194 Erysipelas
 2129 Erysipeloid of Rosenbach
 0719 Erythema pernio
 1831 Erythematous squamous dermatosis (including dandruff, parakeratosis, pityriasis)
 3134 Erythremic myelosis
 265 Escherichia coli (E-coli)
 1539 Esophageal hernia
 152 Esophagus, stomach, duodenum diseases
 115 Evan's syndrome
 4119 Excessive sweating
 1444 Extrinsic allergic alveolitis and pneumonitis (including farmers' lung, bagassosis)
 1443 Extrinsic asthma
 4123 Eye strain
 125* Eye, adnexa, vision disorders
 1259 Eye injuries resulting from lasers
 1259 Eye irritation, unspecified
 1250 Eye redness

F

0722 Fainting, heat-related
 4111 Fainting, non heat-related or unspecified
 1444 Farmers' lung
 0962 Fat embolism, traumatic
 018 Fatal back fracture
 094 Fatal crushing injury to trunk--abdomen, chest, or pelvis
 018 Fatal neck fracture
 094 Fatal rib fracture
 068 Fatal skull fracture
 0723 Fatigue, heat
 4113 Fatigue--not heat related
 3212 Fatty tumor (lipoma)
 1539 Femoral hernia
 1461 Fever, cotton-mill
 2122 Fever, Deerfly
 1491 Fever, Humidifier
 1462 Fever, Metal fume
 2299 Fever, Miliary
 1461 Fever, Mill
 1461 Fever, Monday
 239 Fever, Oroya
 2293 Fever, Parrot
 2312 Fever, Q
 2122 Fever, Rabbit
 2127 Fever, Rat-bite
 2311 Fever, Spotted
 2141 Fever, Swamp
 2299 Fever, Sweating
 2314 Fever, Trench
 2241 Fever, Yellow
 262 Fevers, Typhoid and Paratyphoid
 32* Fibromas
 256 Filarial infection and dracontiasis
 0311 Fingertip amputation
 05* First degree burns
 012 Fissured fracture
 094 Fistula, traumatic
 252 Fluke infections
 1256 Flash burn—eye (welder's flash)
 4133 Flushing and pallor
 1894 Folliculitis
 265 Food poisoning, botulism
 263 Food poisoning, salmonella
 265 Food poisoning, staphylococcal
 255 Food poisoning, trichinosis
 260 Food poisoning, unspecified
 2297 Foot and mouth disease
 044 Foreign bodies (superficial splinters, chips)
 037 Foreign body--embedded
 044 Foreign body--no depth indicated

*Titles -not used for case coding

2141 Fort Bragg fever
 011 Fractured cartilage
 1749 Fractures, pathological
 1749 Fractures, spontaneous
 012 Fractures, stress
 012 Fractures, traumatic
 083 Fractures and burns
 084 Fractures and other injuries
 4173 Frequency of urination and polyuria
 042 Friction blisters
 045 Friction burns
 0711 Frostbite
 1811 Furuncle and carbuncle
 012 Fx--Fractures, traumatic

G

1735 Ganglion/cystic tumor
 4152 Gangrene
 152 Gastric ulcer
 152 Gastritis
 269 Gastroenteritis
 152 Gastrojejunal ulcer
 411* General symptoms
 4119 General symptoms, n.e.c.
 4110 General symptoms, unspecified
 163* Genital tract diseases and disorders
 16* Genitourinary system diseases and disorders
 169 Genitourinary system diseases and disorders, n.e.c.
 160 Genitourinary system diseases and disorders, unspecified
 2237 German measles/rubella
 269 Giardiasis
 2125 Glanders
 1257 Glaucoma
 1911 Goiter, toxic and nontoxic
 1739 Golfer's elbow
 2134 Gonorrhea and other gonococcal infections
 1379 Goodpasture's syndrome
 1919 Gout
 1919 Gouty arthropathy
 1459 Graphic fibrosis
 012 Greenstick fracture
 036 Gunshot wounds see code descriptions for exceptions
 031* Gunshot wounds-nonfatal amputation
 013 Gunshot wounds-nonfatal severed spinal cord

H

4119 Hallucinations
 414* Head and neck symptoms
 060 Head injury – blunt, unspecified
 4141 Headache, except migraine
 1261 Hearing loss or impairment, deafness
 1331 Heart attack
 4151 Heart beat, rapid--unspecified
 133* Heart disease, ischemic
 1353 Heart disease, ill-defined descriptions and complications
 1352 Heart failure
 4159 Heart murmurs
 4159 Heart sounds, abnormal
 4172 Heartburn
 072* Heat and light effects
 0728 Heat and light effects, multiple
 0729 Heat and light effects, n.e.c.
 0720 Heat and light effects, unspecified
 0721 Heat apoplexy
 053 Heat burns, scalds
 0724 Heat edema
 0729 Heat exhaustion
 0723 Heat fatigue

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0721 Heat pyrexia
 1895 Heat rash, prickly heat
 0721 Heat stroke
 0722 Heat syncope
 1739 Heel spurs
 3134 Heilmeyer-Schoner disease
 25* Helminthiasis
 259 Helminthiasis, n.e.c.
 250 Helminthiasis, unspecified
 3291 Hemangioma and lymphangioma--any site
 021 Hemarthrosis of joint capsule, ligament,
 muscle, or tendon
 043 Hematoma
 094 Hematoma, arterial
 313* Hematopoietic and lymphatic tissue
 neoplasms and tumors, malignant
 422 Hemoglobinuria
 111 Hemolytic anemia--non-autoimmune
 111 Hemolytic-uremic syndrome
 4162 Hemoptysis (cough with hemorrhage)
 061 Hemorrhage, cerebral--traumatic
 115 Hemorrhagic conditions--other
 2244 Hemorrhagic fever
 1382 Hemorrhoids
 5* Hepatitis, infectious
 2259 Hepatitis, non Type A or Type B viral
 156 Hepatitis, noninfective toxic
 156 Hepatitis, toxic
 2251 Hepatitis, Type A viral
 2252 Hepatitis, Type B viral
 2250 Hepatitis, viral--unspecified
 419 Hepatomegaly
 153* Hernia
 1533 Hernia, abdominal
 1735 Hernia, birkett's
 1532 Hernia, diaphragmatic
 1532 Hernia, esophageal
 1539 Hernia, femoral
 1532 Hernia, hiatal
 1531 Hernia, inguinal
 1539 Hernia, n.e.c.
 1532 Hernia, paraesophageal
 153* Hernia, ruptured
 1531 Hernia, scrotal
 153* Hernia, strangulated
 1735 Hernia, synovial
 1533 Hernia, umbilical
 1530 Hernia, unspecified
 1533 Hernia, ventral
 1231 Herniated brain
 011 Herniated disc
 2235 Herpes simplex
 2234 Herpes zoster
 1532 Hiatal hernia
 295 Hirudiniasis (external)
 426 Histological and immunological studies,
 abnormal findings
 245 Histoplasmosis
 2219 HIV infection, n.e.c., diagnosed
 2210 HIV infection, unspecified, diagnosed
 1898 Hives, urticaria
 3132 Hodgkin's disease
 221* Human immunodeficiency virus (HIV)
 infection, diagnosed
 2210 Human immunodeficiency virus (HIV)
 infection, unspecified, diagnosed
 1491 Humidifier fever
 0972 Hurt back
 0973 Hurt, soreness, pain, except the back-
 traumatic
 1629 Hydronephrosis
 4119 Hyperhidrosis
 132 Hypertension
 132 Hypertensive disease
 4161 Hyperventilation
 1389 Hypotension

0712 Hypothermia

I

0721 Ictus solaris
 154 Ileitis
 1353 Ill-defined descriptions and complications of
 heart disease
 426 Immunological and histological studies,
 abnormal findings
 012 Impacted fracture
 037 Impaling wounds
 1814 Impetigo
 1331 Infarction of heart, myocardium, or ventricle
 1331 Infarction of myocardium
 1331 Infarction of ventricle
 181* Infections of the skin and subcutaneous
 tissue
 1819 Infections of the skin and subcutaneous
 tissue, n.e.c.
 1810 Infections of the skin and subcutaneous
 tissue, unspecified
 2* Infectious and Parasitic Diseases
 20 Infectious and parasitic diseases, unspecified
 26* Infectious diseases peculiar to the intestines
 269 Infectious diseases peculiar to the intestines,
 n.e.c.
 260 Infectious diseases peculiar to the intestines,
 unspecified
 269 Infectious enteritis
 225* Infectious hepatitis
 2251 Infectious hepatitis, type A viral
 2295 Infectious mononucleosis
 1631 Infertility
 0972 Inflammation of the back, traumatic
 0973 Inflammation, except back, traumatic
 1253 Inflammation of the eye, except conjunctivitis
 (including ophthalmia, iritis, chalazion)
 1242 Inflammatory and toxic neuropathy, toxic
 polyneuropathy
 121* Inflammatory diseases of the central nervous
 system
 1219 Inflammatory diseases of the central nervous
 system, n.e.c.
 1210 Inflammatory diseases of the central nervous
 system, unspecified
 1432 Influenza
 1893 Ingrowing nail
 1531 Inguinal hernia
 029 Injuries to muscles, tendons, ligaments,
 joints, etc., n.e.c.
 032 Insect bite--nonvenomous
 0951 Insect bite--venomous
 413* Integumentary tissue symptoms
 094 Internal injuries
 094 Internal injuries to organs and blood vessels
 of the trunk
 155 Intestinal abscess
 155 Intestinal diverticula
 155 Intestinal or peritoneum diseases--other
 258 Intestinal parasitism, unspecified
 1219 Intracranial abscess--nontraumatic
 06* Intracranial injuries
 086 Intracranial injuries and injuries to internal
 organs
 068 Intracranial injuries, multiple
 069 Intracranial injuries, n.e.c.
 060 Intracranial injuries, unspecified
 1219 Intracranial venous sinuses phlebitis
 1219 Intracranial venous sinuses thrombophlebitis
 1219 Intraspinous abscess--nontraumatic
 1449 Intrinsic asthma
 1253 Iritis, chalazion, ophthalmia
 1824 Irritant contact dermatitis
 4160 Irritated lung

*Titles -not used for case coding

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4149 Irritated throat
 133* Ischemic heart disease, including heart attack
 1339 Ischemic heart disease, n.e.c.
 1330 Ischemic heart disease, unspecified

J

0971 Jammed finger or thumb
 4139 Jaundice, unspecified
 151 Jaws, oral cavity, salivary glands diseases
 0951 Jellyfish stings
 295 Jigger disease
 5214 Job-related stress
 021 Joint capsule avulsion, hemarthrosis, or rupture
 02* Joint injuries--traumatic

K

3133 Kahler's disease
 1842 Keratin
 1253 Keratitis
 1259 Keratoconjunctivitis, ultraviolet
 1892 Keratoderma, acquired
 113 Kostmann's syndrome
 1341 Kyphoscoliotic heart disease.

L

034 Lacerations
 094 Lacerations of internal organs without open wound
 034 Lacerations of tendons in open wounds
 4129 Lack of coordination
 141 Laryngitis--acute
 1422 Laryngitis--chronic
 1422 Laryngotracheitis--chronic
 0959 Lead poisoning
 295 Leech infestation
 1433 Legionnaires' disease
 234 Leishmaniasis
 2191 Leprosy
 2141 Leptospirosis
 014 Lesion in continuity--nerve
 013 Lesion of spinal cord
 1249 Lesion of the median,ulnar, and radial nerves, nontraumatic
 3134 Leukemias
 293 Lice
 1836 Lichen
 021 Ligament avulsion, hemarthrosis, or rupture
 02* Ligament injuries--traumatic
 0728 Light and heat effects, multiple
 0729 Light and heat effects, n.e.c.
 0720 Light and heat effects, unspecified
 093 Lightning shock
 012 Linear fracture
 3212 Lipoma (fatty tumor)
 159 Liver cirrhosis. liver failure
 019 Loose tooth
 0722 Loss of consciousness associated with heat
 4111 Loss of consciousness--no reference to heat
 4111 Loss of consciousness--not heat related
 129 Loss of smell
 012 Loss of tooth
 1255 Loss of vision--nontraumatic
 4142 Loss of voice, voice disturbances
 232 Louse or flea borne typhus
 0972 Low back pain
 1255 Low vision, blindness--nontraumatic
 1722 Lumbago
 4153 Lymph node enlargement

319 Lung cancer
 424 Lung coin lesion
 424 Lung shadow
 237 Lyme disease
 119 Lymphadenitis, chronic
 3291 Lymphangioma--any site
 313* Lymphatic and hematopoietic tissue neoplasms and tumors, malignant
 138* Lymphatics, vein diseases
 3134 Lymphoid leukemia
 3131 Lymphosarcoma and reticulosarcoma (lymphoma)

M

295 Maggot infestations
 4113 Malaise and fatigue
 233 Malaria
 310 Malignant neoplasms and tumors (cancers, carcinomas, and sarcomas), unspecified
 31* Malignant neoplasms and tumors (cancers, carcinomas, sarcomas)
 311* Malignant neoplasms and tumors of bone or connective tissue
 3110 Malignant neoplasms and tumors of bone or connective tissue, unspecified
 313* Malignant neoplasms and tumors of lymphatic and hematopoietic tissue
 3130 Malignant neoplasms and tumors of lymphatic and hematopoietic tissue, unspecified
 3139 Malignant neoplasms and tumors of lymphatic and hematopoietic tissue, n.e.c.
 319 Malignant neoplasms and tumors of other sites
 312* Malignant neoplasms and tumors of the skin
 3120 Malignant neoplasms and tumors of the skin, unspecified
 424 Mammogram, abnormal results
 012 March fracture
 164 Mastitis of the breast
 1264 Mastoiditis
 2236 Measles
 1249 Median, ulnar, and radial nerves, lesion--nontraumatic
 031* Medical amputations due to irreparable traumatic injuries
 3121 Melanoma of the skin (melanocarcinoma)
 2126 Melioidosis
 4129 Meningismus
 1212 Meningitis
 2249 Meningitis due to arthropod-borne virus
 2223 Meningitis due to enterovirus
 2141 Meningitis due to leptospira
 2223 Meningitis, abacterial
 2223 Meningitis, aseptic
 2223 Meningitis, viral
 2195 Meningococcal infection
 520 Mental disorder or syndrome, unspecified
 5221 Mental disorder, substance-induced
 52* Mental disorders or syndromes
 529 Mental disorders or syndromes, n.e.c.
 5220 Mental disorders, organic (neurotic or psychotic), unspecified
 319 Mesothelioma
 1462 Metal fume fever
 114 Methemoglobinemia
 1810 Methicillin resistant staph aureus—MSRA, unspecified
 1232 Migraine
 2299 Miliary fever
 2113 Miliary tuberculosis
 1461 Mill fever
 1451 Miner's asthma
 1632 Miscarriage, spontaneous abortion

*Titles -not used for case coding

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294 Mites (Acariasis)
 2299 Molluscum contagiosum
 1461 Monday fever
 3134 Monocytic leukemia
 2295 Mononucleosis, infectious
 427 Multiple abnormal findings
 5218 Multiple anxiety, stress, neurotic disorders
 3298 Multiple benign neoplasms and tumors of other sites
 3218 Multiple benign neoplasms of bone, connective tissue, and skin
 058 Multiple burns (multiple types)
 05* Multiple burns (same type)
 481 Multiple chemical sensitivity
 8 MULTIPLE DISEASES, CONDITIONS, AND DISORDERS
 0738 Multiple effects of air pressure
 078 Multiple effects of environmental conditions
 0728 Multiple effects of heat and light
 0718 Multiple effects of reduced temperature
 4118 Multiple general symptoms
 094 Multiple internal injuries of the trunk
 068 Multiple intracranial injuries
 3118 Multiple malignant neoplasms and tumors of bone or connective tissue
 3138 Multiple malignant neoplasms and tumors of lymphatic and hematopoietic tissue
 3128 Multiple malignant neoplasms and tumors of the skin
 3133 Multiple myeloma
 338 Multiple neoplasms and tumors of unknown properties
 0978 Multiple nonspecified injuries and disorders
 038 Multiple open wounds
 5228 Multiple organic mental disorders--neurotic or psychotic
 1239 Multiple sclerosis
 048 Multiple surface wounds and bruises
 418 Multiple symptoms
 4158 Multiple symptoms involving cardiovascular system
 4178 Multiple symptoms involving digestive or urinary system
 4148 Multiple symptoms involving head and neck
 4128 Multiple symptoms involving nervous and musculoskeletal systems
 4168 Multiple symptoms involving respiratory system and chest
 4138 Multiple symptoms involving skin and other integumentary tissue
 48* Multiple symptoms, signs, and ill-defined conditions
 489 Multiple symptoms, signs, and ill-defined conditions, n.e.c.
 480 Multiple symptoms, signs, and ill-defined conditions, unspecified
 0968 Multiple traumatic complications
 08* Multiple traumatic injuries and disorders
 080 Multiple traumatic injuries and disorders, unspecified
 018 Multiple traumatic injuries to bones, nerves, spinal cord
 2292 Mumps
 021 Muscle avulsion, hemarthritis, or rupture
 02* Muscle injuries--traumatic
 1249 Muscular dystrophies
 412* Musculoskeletal and nervous systems symptoms
 17* Musculoskeletal system and connective tissue diseases and disorders
 170 Musculoskeletal system and connective tissue diseases and disorders, unspecified
 179 Musculoskeletal system and connective tissue diseases and disorders, n.e.c.
 295 Myiasis
 24* Mycoses

249 Mycoses, n.e.c.
 240 Mycoses, unspecified
 249 Mycotic mycetoma
 3134 Myeloid leukemia
 3133 Myelomatosis
 1331 Myocardial infarction (heart attack)
 1359 Myocarditis, acute non-toxic
 1351 Myocarditis, acute toxic
 422 Myoglobinuria
 1243 Myoneural disorders, toxic
 1736 Myositis

N

1893 Nail, ingrowing
 1429 Nasal polyps
 141 Nasopharyngitis--acute but not chronic
 1422 Nasopharyngitis--chronic
 4171 Nausea and vomiting
 257 Necatoriasis
 018 Neck fracture--fatal
 012 Neck fracture--nonfatal
 414* Neck symptoms
 037 Needlesticks (not resulting in a disease)
 339 Neoplasms and tumors of other sites of unknown properties, n.e.c.
 33* Neoplasms and tumors of unknown properties
 330 Neoplasms and tumors of unknown properties, unspecified
 32* Neoplasms and tumors, benign
 31* Neoplasms and tumors, malignant
 3* NEOPLASMS, TUMORS, AND CANCER
 1611 Nephritis
 161* Nephritis, nephrotic syndrome, and nephrosis
 1610 Nephritis, nephrotic syndrome, and nephrosis, unspecified
 1613 Nephrosis
 1612 Nephrotic syndrome
 014 Nerve injury, except spinal cord--traumatic
 013 Nerve injury, spinal cord--traumatic
 412* Nervous and musculoskeletal systems symptoms
 12* Nervous system and sense organs diseases
 129 Nervous system and sense organs diseases, n.e.c.
 120 Nervous system and sense organs diseases, unspecified
 122* Nervous system degenerative diseases--central
 124* Nervous system disorders--peripheral
 121* Nervous system inflammatory diseases--central
 1836 Neurodermatitis
 2133 Neurosyphilis
 5219 Neurotic disorders, n.e.c.
 521* Neurotic disorders, stress, anxiety
 5214 Neurotic reaction to stress
 113 Neutropenia
 3132 Nodular sclerosis
 2259 Non Type A or Type B viral hepatitis
 222* Non-arthropod-borne viral diseases of the central nervous system
 2220 Non-arthropod-borne viral diseases of the central nervous system, unspecified
 2229 Non-arthropod-borne viral diseases of the central nervous system, n.e.c.
 3122 Non-melanoma skin cancer (squamous and basal cell)
 4115 Non-specified allergic reaction
 1252 Non-viral conjunctivitis
 1449 Nonallergic asthma
 9999 Nonclassifiable
 031* Nonfatal amputations

*Titles -not used for case coding

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094	Nonfatal crushing injury to trunk--abdomen, chest, or pelvis	189*	Other diseases and disorders of the skin and subcutaneous tissue
154	Noninfectious enteritis and colitis (including ileitis)	1890	Other diseases and disorders of the skin and subcutaneous tissue, unspecified
156	Noninfective toxic hepatitis	1899	Other diseases and disorders of the skin and subcutaneous tissue, n.e.c.
1252	Nonspecific conjunctivitis--unknown causal agent	229*	Other diseases due to viruses and Chlamydiae
097*	Nonspecified injuries and disorders	2299	Other diseases due to viruses and Chlamydiae, n.e.c.
0979	Nonspecified injuries and disorders, n.e.c.	2290	Other diseases due to viruses and Chlamydiae, unspecified
1339	Nontraumatic aneurysm of coronary vessels.	155	Other diseases of intestines or peritoneum
1339	Nontraumatic aneurysm of heart wall	142*	Other diseases of upper respiratory tract
1349	Nontraumatic aneurysm of pulmonary artery	1429	Other diseases of upper respiratory tract, n.e.c.
13*	Nontraumatic aneurysm or fistula	1420	Other diseases of upper respiratory tract, unspecified
1379	Nontraumatic arterial embolism and thrombosis	162*	Other diseases of urinary system
1729	Nontraumatic backache (spasms)	1629	Other diseases of urinary system, n.e.c.
136	Nontraumatic cerebral hemorrhage	1620	Other diseases of urinary system, unspecified
139	Nontraumatic hemorrhage of blood vessels, n.e.c.	5*	OTHER DISEASES, CONDITIONS, AND DISORDERS
1249	Nontraumatic lesion of the median, ulnar and radial nerves	59	Other diseases, conditions, and disorders, n.e.c.
1259	Nontraumatic retinal detachments	123*	Other disorders of the central nervous system
139	Nontraumatic rupture of blood vessels, n.e.c.	1239	Other disorders of the central nervous system, n.e.c.
13*	Nontraumatic rupturing of blood vessels	1230	Other disorders of the central nervous system, unspecified
032	Nonvenomous animal or insect bite including human and mosquito bites	1249	Other disorders of the peripheral nervous system, n.e.c.
4149	Nosebleed	2224	Other enterovirus diseases
4119	Numbness	1834	Other erythematous conditions
O			
1369	Occlusion of cerebral arteries	135*	Other forms of heart disease
1822	Occupational dermatitis, not specified whether allergic or irritant	1359	Other forms of heart disease, n.e.c.
4174	Oliguria and anuria	1350	Other forms of heart disease, unspecified
03*	Open wounds	1892	Other hypertrophic and atrophic conditions (including acquired keratoderma)
039	Open wounds, n.e.c.	29*	Other infectious and parasitic diseases
030	Open wounds, unspecified	299	Other infectious and parasitic diseases, n.e.c.
1253	Ophthalmia, iritis, chalazion	290	Other infectious and parasitic diseases, unspecified
151	Oral cavity, salivary glands, jaw diseases	295	Other infestations (including maggots, leeches, jigger disease)
5222	Organic affective syndrome	183*	Other inflammatory conditions of the skin
522*	Organic mental disorders--neurotic or psychotic	1830	Other inflammatory conditions of the skin, unspecified
5229	Organic mental disorders--neurotic or psychotic, n.e.c.	1839	Other inflammatory conditions, n.e.c.
5220	Organic mental disorders--neurotic or psychotic, unspecified	095*	Other poisonings and toxic effects
2293	Ornithosis (including parrot fever, psittacosis)	0959	Other poisonings and toxic effects, n.e.c.
239	Oroya fever	0950	Other poisonings and toxic effects, unspecified
4169	Orthopnea	1490	Other respiratory diseases, unspecified
174*	Osteomyelitis	149*	Other respiratory system diseases
174*	Osteopathies, chondropathies, acquired deformities	1499	Other respiratory system diseases, n.e.c.
1749	Osteopathies, chondropathies, acquired deformities, n.e.c.	263	Other salmonella infections
1740	Osteopathies, chondropathies, acquired deformities, unspecified	214*	Other spirochetal diseases
1263	Otalgia	2149	Other spirochetal diseases, n.e.c.
429	Other abnormal findings	2140	Other spirochetal diseases, unspecified
23*	Other arthropod-borne diseases	419	Other symptoms, n.e.c.
239	Other arthropod-borne diseases, n.e.c.	19*	Other systemic diseases and disorders
230	Other arthropod-borne diseases, unspecified	190	Other systemic diseases and disorders, unspecified
219*	Other bacterial diseases	09*	Other traumatic injuries and disorders
2199	Other bacterial diseases, n.e.c.	099	Other traumatic injuries and disorders, n.e.c.
2190	Other bacterial diseases, unspecified	090	Other traumatic injuries and disorders, unspecified
265	Other bacterial food poisoning (including botulism and staphylococcal food poisoning)	252	Other trematode infections (including fluke)
3214	Other benign neoplasms of connective and other soft tissue	0731	Otitic barotrauma
254	Other cestode infection (including tapeworm)	1269	Otitis externa
089	Other combinations of traumatic injuries and disorders, n.e.c.	1265	Otitis media (except aero-)
1825	Other contact dermatitis	1269	Otosclerosis

*Titles -not used for case coding

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P

0973 Pain, hurt, soreness, except the back-
-traumatic
4133 Pallor and flushing
4159 Palpitations
159 Pancreatitis
112 Pancytopenia
5213 Panic disorder
246 Paracoccidioidomycosis
1539 Paraesophageal hernia
1831 Parakeratosis
112 Paralytic (toxic) anemia
2* PARASITIC AND INFECTIOUS DISEASES
258 Parasitism, intestinal-unspecified
262 Paratyphoid and typhoid fevers
2232 Paravaccinia
1229 Parkinson's disease
2293 Parrot fever
1749 Pathological fracture
293 Pediculosis and phthirus infestation (lice)
152 Peptic ulcer
1359 Pericarditis, acute
174* Periostitis
124* Peripheral nervous system disorders
139 Peripheral venous insufficiency, n.e.c.
4179 Peristalsis
155 Peritoneum or intestinal-other diseases of
155 Peritonitis
1429 Peritonsillar abscess
0719 Perniosis
2192 Pertussis
319 Pharynx (cancer of)
141 Pharyngitis--acute
1422 Pharyngitis--chronic
1383 Phlebitis
1219 Phlebitis of intracranial venous sinuses
1815 Pilonidal cyst
1241 Pinched nerve (carpal tunnel syndrome)
011 Pinched nerve (dislocation, herniated disc)
014 Pinched nerve, except spinal cord
1729 Pinched nerve, neck (nontraumatic)
1721 Pinched nerve (sciatica)
013 Pinched nerve, spinal cord
2144 Pinta
1831 Pityriasis
2121 Plague
2121 Plague, bubonic
2121 Plague, pneumonic
2120 Plague, unspecified
3214 Plantar fibromatosis
1499 Pleurisy
145* Pneumoconioses
1459 Pneumoconioses, n.e.c.
1450 Pneumoconioses, unspecified
1458 Pneumoconiosis with tuberculosis
299 Pneumocystosis
1431 Pneumonia
143* Pneumonia, influenza
1439 Pneumonia, influenza, n.e.c.
1430 Pneumonia, influenza, unspecified
2121 Pneumonic plague
1492 Pneumonitis, n.e.c.
146* Pneumonopathy
1469 Pneumonopathy, n.e.c.
1460 Pneumonopathy, unspecified
4219 Poikilocytosis
1823 Poison ivy, oak, sumac
2197 Poisoning, blood
0959 Poisoning, carbon monoxide
265 Poisoning, food (botulism)
263 Poisoning, food (salmonella)
265 Poisoning, food (staphylococcal)
255 Poisoning, food (trichinosis)
0959 Poisoning, lead

149* Poisoning, radiation
2221 Poliomyelitis, acute
171 Polyarthritis
119 Polycythemia
4173 Polyuria
0973 Popped knee
426 Positive tuberculin skin test
5211 Post-traumatic anxiety--acute
5212 Post-traumatic anxiety--chronic
1895 Prickly heat
1341 Primary pulmonary hypertension
2111 Primary tuberculous infection
1332 Prinzmetal angina
51 Prosthetic devices, damage to
1837 Pruritus and related conditions
2293 Psittacosis
1835 Psoriasis and similar disorders
299 Psorospermiasis
134* Pulmonary circulation diseases
1493 Pulmonary edema
1494 Pulmonary fibrosis, n.e.c.
1341 Pulmonary heart disease
2112 Pulmonary tuberculosis
037 Punctures, except bites
115 Purpura and other hemorrhagic conditions
115 Purpura, allergic
1816 Pyoderma
0721 Pyrexia, heat

Q

2312 Q fever
115 Qualitative platelet defects

R

2122 Rabbit fever
2291 Rabies
1249 Radial median, and ulnar nerves, lesion-
-nontraumatic
059 Radiation burns
149* Radiation poisoning
0952 Radiation sickness
2127 Rat-bite fever
1371 Raynaud's syndrome or phenomenon
0969 Reactions to injections, unspecified-
-traumatic
071* Reduced temperature effects
0718 Reduced temperature effects, multiple
0719 Reduced temperature effects, n.e.c.
0710 Reduced temperature effects, unspecified
236 Relapsing fever
4179 Renal colic
1623 Renal failure
141 Respiratory infections, acute
416* Respiratory system and chest symptoms
14* Respiratory system diseases
140 Respiratory system diseases, unspecified
3131 Reticulosarcoma
3131 Reticulum cell sarcoma
1259 Retinal detachment, nontraumatic
1222 Reye's syndrome
131 Rheumatic carditis
131 Rheumatic fever with heart involvement
1729 Rheumatism affecting the back
173* Rheumatism, except the back
1739 Rheumatism, except the back, n.e.c.
1730 Rheumatism, except the back, unspecified
1421 Rhinitis, allergic
249 Rhinosporidiosis
1823 Rhus
094 Rib fracture--fatal
012 Rib fracture--nonfatal
231* Rickettsioses diseases

*Titles -not used for case coding

NATURE CODE INDEX

2319	Rickettsioses diseases, n.e.c.	011	Slipped disc
2310	Rickettsioses diseases, unspecified	012	Slipped epiphysis
2313	Rickettsioses, tick-born	2222	Slow virus infection of central nervous system
1833	Rosacea	2231	Smallpox
1739	Rotator cuff syndrome	0959	Smoke inhalation
2237	Rubella/German measles	032	Snake bite--nonvenomous
021	Rupture of joint capsule, ligament, muscle, or tendon	0951	Snake bite--venomous
1739	Rupture of synovium, nontraumatic	1251	Solar retinopathy
13*	Ruptured blood vessels, nontraumatic	0973	Soreness, pain, hurt, spasms except the back
099	Ruptured blood vessels of the extremities, traumatic	4121	Spasms or tremors, n.e.c. (systemic)
094	Ruptured blood vessels of the trunk, traumatic	1729	Spasms, back, nontraumatic
011	Ruptured disc	0972	Spasms, back, traumatic
0739	Ruptured eardrum due to air or water pressure	1739	Spasms, except back, nontraumatic
	S	0973	Spasms, except back, traumatic
		2294	Specific diseases due to Coxsackie virus
151	Salivary glands, jaws , oral cavity diseases	0951	Spider bites
262	Salmonella typhi	1229	Spinocerebellar disease
296	Sarcoidosis	012	Spiral fracture
31*	Sarcomas	419	Splenomegaly
299	Sarcosporidiosis	037	Splinters - embedded
294	Scabies, (Acariasis)	1729	Spondylitis of the spine
053	Scalds, heat	1729	Spondylosis of the spine
2193	Scarlatina	1632	Spontaneous abortion, miscarriage
251	Schistosomiasis (including bilharziasis)	1749	Spontaneous fracture
1721	Sciatica	139	Spontaneous hemorrhage, n.e.c.
041	Scratches	1499	Spontaneous pneumothorax
1531	Scrotal hernia	249	Sporotichosis
232	Scrub typhus	2311	Spotted fevers
1842	Sebaceous cyst	082	Sprains and bruises
184*	Sebaceous gland diseases	021	Sprains, strains, tears
05*	Second degree burns	3122	Squamous cell non-melanoma skin cancer
4112	Seizures, convulsion	037	Stab wounds
129	Sense organs and nervous system diseases, n.e.c.	1459	Stannosis
120	Sense organs and nervous system diseases, unspecified	265	Staphylococcal food poisoning
2197	Septicemia	152	Stomach, duodenum, esophagus diseases
2252	Serum hepatitis, type B viral	153*	Strangulated hernia
033	Severed ear	091	Strangulations
013	Severed spinal cord	2193	Streptococcal sore throat and scarlatina
013	Severed spinal cord (nonfatal)-from gunshot wound	012	Stress fractures
424	Shadow of lung	521*	Stress, neurotic disorders, anxiety
264	Shigellosis	5210	Stress, neurotic disorders, anxiety, unspecified
2234	Shingles	4169	Stridor
093	Shock, lightning	1461	Stripper's asthma
0961	Shock, traumatic	1361	Stroke
4169	Shortness of breath	1362	Stroke, mini
410	Sick building syndrome (unspecified)	0721	Stroke, heat
111	Sickle-cell anemia	259	Strongliodiasis
1457	Siderosis	4119	Stupor
1453	Silicosis	1259	Styes
012	Simple fracture	18*	Subcutaneous tissue and skin disorders
0732	Sinus barotrauma	181*	Subcutaneous tissue and skin infections
141	Sinusitis--acute	061	Subdural hematoma
1422	Sinusitis--chronic	011	Subluxations
0721	Siriasis	5221	Substance-induced mental disorder
413*	Skin and other integumentary tissue symptoms	091	Suffocations
18*	Skin and subcutaneous tissue disorders	1839	Sunburn
181*	Skin and subcutaneous tissue infections	0721	Sunstroke
183*	Skin, other inflammatory conditions	044	Superficial chips--foreign bodies
321*	Skin connective tissue, and bone neoplasms, benign	044	Superficial splinters--foreign bodies
333	Skin neoplasms and tumors of unknown properties	04*	Surface wounds and bruises
3212	Skin neoplasms and tumors, malignant	049	Surface wounds and bruises, n.e.c.
4139	Skin sensation, disturbances of	040	Surface wounds and bruises, unspecified
4139	Skin texture, changes in	4179	Swallowing difficulty
068	Skull fracture--fatal	2141	Swamp fever
012	Skull fracture--nonfatal	2299	Sweating fever
4119	Sleep disturbances	41*	Symptoms
235	Sleeping sickness	415*	Symptoms involving cardiovascular system
		4159	Symptoms involving cardiovascular system, n.e.c.
		4150	Symptoms involving cardiovascular system, unspecified
		417*	Symptoms involving digestive and urinary system

*Titles -not used for case coding

NATURE CODE INDEX

4179	Symptoms involving digestive and urinary system, n.e.c.	1911	Thyroiditis
4170	Symptoms involving digestive and urinary system, unspecified	2313	Tick typhus
414*	Symptoms involving head and neck	2313	Tick-born rickettsioses
4149	Symptoms involving head and neck, n.e.c.	241	Tinea
4140	Symptoms involving head and neck, unspecified	1262	Tinnitus
412*	Symptoms involving nervous and musculoskeletal systems	141	Tonsillitis--acute
4129	Symptoms involving nervous and musculoskeletal systems, n.e.c.	1422	Tonsils--chronic diseases
4120	Symptoms involving nervous and musculoskeletal systems, unspecified	012	Tooth--broken, chipped, or loss of
416*	Symptoms involving respiratory system and chest	019	Tooth--loose
4169	Symptoms involving respiratory system and chest, n.e.c.	011	Torn cartilage
4160	Symptoms involving respiratory system and chest, unspecified	112	Toxic (paralytic) anemia
413*	Symptoms involving skin and other integumentary tissue	1911	Toxic and nontoxic goiter
4139	Symptoms involving skin and other integumentary tissue, n.e.c.	0959	Toxic effects of food contaminants or noxious food stuffs--non-viral and non-bacterial
4130	Symptoms involving skin and other integumentary tissue, unspecified	156	Toxic hepatitis--noninfective
4*	SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	1351	Toxic myocarditis
49	Symptoms, signs, and ill-defined conditions, n.e.c.	1243	Toxic myoneural disorders
40	Symptoms, signs, and ill-defined conditions, unspecified	291	Toxoplasmosis
410	Symptoms, unspecified	141	Tracheitis--acute
0722	Syncope, heat	2261	Trachoma
4111	Syncope, other than heat	1362	Transient cerebral ischemia
1732	Synovitis	1362	Transient ischemic attacks
1739	Synovium rupture--nontraumatic	094	Traumatic aneurysm or fistula
213*	Syphilis and other venereal diseases	0972	Traumatic backache
2139	Syphilis and other venereal diseases, n.e.c.	061	Traumatic cerebral hemorrhage
2130	Syphilis and other venereal diseases, unspecified	096*	Traumatic complications
1*	SYSTEMIC DISEASES AND DISORDERS	0969	Traumatic complications, n.e.c.
199	Systemic diseases and disorders, n.e.c.	0960	Traumatic complications, unspecified
10	Systemic diseases and disorders, unspecified	094	Traumatic fistula or aneurysm
		0*	TRAUMATIC INJURIES AND DISORDERS
		00	Traumatic injuries and disorders, unspecified
		01*	Traumatic injuries to bones, nerves, spinal cord
		019	Traumatic injuries to bones, nerves, spinal cord, n.e.c.
		010	Traumatic injuries to bones, nerves, spinal cord, unspecified
		02*	Traumatic injuries to muscles, tendons, ligaments, joints, etc.
		020	Traumatic injuries to muscles, tendons, ligaments, joints, etc., unspecified
		014	Traumatic injuries to nerves, except the spinal cord
		013	Traumatic injuries to spinal cord
		014	Traumatic neuroma
		094	Traumatic rupturing of blood vessels
		0961	Traumatic shock
		013	Traumatic transient paralysis
		4121	Tremors or spasms, n.e.c.
		2314	Trench fever
		0713	Trench foot
		255	Trichinosis
		292	Trichomoniasis
		259	Trichostrongyliasis
		259	Trichuriasis
		1739	Trigger finger
		232	Tropical typhus.
		235	Trypanosomiasis (including Chagas' disease)
		211*	Tuberculoses, diagnosed
		2119	Tuberculoses, n.e.c., diagnosed
		2110	Tuberculoses, unspecified, diagnosed
		2113	Tuberculosis, miliary, diagnosed
		2112	Tuberculosis, pulmonary, diagnosed
		2111	Tuberulous infection, primary, diagnosed
		2122	Tularemia
		3212	Tumor, fatty (lipoma)
		32*	Tumors and neoplasms, benign
		31*	Tumors and neoplasms, malignant
		3*	Tumors, Neoplasms, and Cancer
		021	Twists
		2251	Type A viral hepatitis (infectious hepatitis)
		2252	Type B viral hepatitis (serum hepatitis)
		262	Typhoid and paratyphoid fevers
		232	Typhus
		232	Typhus, classic
		232	Typhus, epidemic

T

4169	Tachypnea	4121	Tremors or spasms, n.e.c.
1454	Talcosis	2314	Trench fever
254	Tapeworm infection	0713	Trench foot
1249	Tarsal tunnel syndrome	255	Trichinosis
1733	Tendinitis	292	Trichomoniasis
021	Tendon avulsion, hemarthrosis, or rupture--traumatic	259	Trichostrongyliasis
02*	Tendon injuries--traumatic	259	Trichuriasis
034	Tendon lacerations in open wounds	1739	Trigger finger
1733	Tendonitis	232	Tropical typhus.
4179	Tenesmus	235	Trypanosomiasis (including Chagas' disease)
1739	Tennis elbow	211*	Tuberculoses, diagnosed
1734	Tenosynovitis	2119	Tuberculoses, n.e.c., diagnosed
2196	Tetanus	2110	Tuberculoses, unspecified, diagnosed
4129	Tetany	2113	Tuberculosis, miliary, diagnosed
111	Thalassemias	2112	Tuberculosis, pulmonary, diagnosed
0721	Thermoplegia	2111	Tuberulous infection, primary, diagnosed
05*	Third degree burns	2122	Tularemia
4149	Throat pain, nontraumatic	3212	Tumor, fatty (lipoma)
115	Thrombasthenia	32*	Tumors and neoplasms, benign
115	Thrombocytasthenia	31*	Tumors and neoplasms, malignant
115	Thrombocytopenia	3*	Tumors, Neoplasms, and Cancer
1383	Thrombophlebitis	021	Twists
1219	Thrombophlebitis of intracranial venous sinuses	2251	Type A viral hepatitis (infectious hepatitis)
1379	Thrombosis, arterial--nontraumatic	2252	Type B viral hepatitis (serum hepatitis)
1389	Thrombosis, venous--nontraumatic	262	Typhoid and paratyphoid fevers
1911	Thyroid gland diseases and disorders	232	Typhus
		232	Typhus, classic
		232	Typhus, epidemic

*Titles -not used for case coding

NATURE CODE INDEX

232 Typhus, louse or flea borne
 232 Typhus, scrub
 2313 Typhus, tick
 232 Typhus, tropical

U

152 Ulcer, gastric
 152 Ulcer, gastrojejunal
 152 Ulcer, peptic
 1897 Ulcer, skin-chronic
 1249 Ulnar, median, and radial nerves, lesion--nontraumatic
 1259 Ultraviolet keratoconjunctivitis
 1539 Umbilical hernia
 0722 Unconsciousness associated with heat
 4111 Unconsciousness without reference to heat
 4219 Unspecified bacteremia
 0952 Unspecified effects of radiation
 258 Unspecified intestinal parasitism
 4139 Unspecified jaundice
 0969 Unspecified reactions to injections--traumatic
 021 Unspecified 'twists'
 4151 Unspecified tachycardia (rapid heart beat)
 4219 Unspecified viremia
 1629 Urethral stricture
 1629 Urethritis
 162* Urinary system diseases-other
 417* Urinary system symptoms
 1898 Urticaria, hives

V

1381 Varicose veins
 1229 Vascular myelopathies
 138* Vein, lymphatics diseases
 1533 Ventral hernia
 239 Verruga peruana
 261 Vibrio cholera
 2142 Vincent's angina
 2262 Viral conjunctivitis (ophthalmia)
 22* Viral diseases
 223* Viral diseases accompanied by exanthem (eruptive fever)
 2239 Viral diseases accompanied by exanthem (eruptive fever), n.e.c.
 2230 Viral diseases accompanied by exanthem (eruptive fever), unspecified
 226* Viral diseases of the conjunctiva
 2269 Viral diseases of the conjunctiva, n.e.c.
 2260 Viral diseases of the conjunctiva, unspecified
 220 Viral diseases, unspecified
 2243 Viral encephalitis
 225* Viral hepatitis
 2250 Viral hepatitis, unspecified
 2223 Viral meningitis
 2262 Viral ophthalmia
 1431 Viral pneumonia
 2299 Viral warts
 4219 Viremia, unspecified
 125* Vision, eye, adnexa disorders--nontraumatic
 1258 Visual disturbances--nontraumatic
 1896 Vitiligo
 4171 Vomiting and nausea

W

2299 Warts, viral
 0951 Wasp sting
 2141 Weil's disease
 1256 Welder's flash
 1842 Wen
 4169 Wheezing

*Titles -not used for case coding

2192 Whooping cough, diphtheria
 048 Wounds and bruises-surface, multiple
 040 Wounds and bruises-surface, unspecified

X

1849 Xerosis cutis

Y

2143 Yaws
 2241 Yellow fever

Z

212* Zoonotic bacterial diseases
 2129 Zoonotic bacterial diseases, n.e.c.
 2120 Zoonotic bacterial diseases, unspecified
 249 Zygomycosis

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SECTION 4.2

**Part of
Body Affected
Index**

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PART OF BODY CODE INDEX

A		02	Eardrum
		312	Elbow(s)
24*	Abdomen	222	Esophagus
240	Abdomen, except internal location of diseases or disorders	02	Eustachian tube (Ear)
42	Ankle(s)	2553	External female genital region
482	Ankle(s) and foot(feet)	255*	External reproductive tract structures
02	Anvil (Ear)	2559	External reproductive tract structures, n.e.c.
4322	Arch(es) of the foot(feet)	2550	External reproductive tract structures, unspecified
31*	Arm(s)	4*	EXTREMITIES, LOWER
383	Arm(s) and hand(s)	3*	EXTREMITIES, UPPER
319	Arm(s), n.e.c.	032	Eye(s)
310	Arm(s), unspecified	032	Eye(s)
21	Armpit(s) (Shoulder)	031	Eye(s)
91	Artificial eye(s)	032	Eye(s)
91	Artificial limb(s)	032	Eye(s)
02	Auditory nerve (Ear)		
02	Auricle (Ear)		
B		F	
23*	Back, including spine, spinal cord	03*	Face
239	Back, including spine, spinal cord, n.e.c.	039	Face, n.e.c.
230	Back, including spine, spinal cord, unspecified	030	Face, unspecified
4321	Ball(s) of the foot(feet)	2553	Female genital region, external
2441	Bladder	2565	Female genitals, n.e.c.
5	BODY SYSTEMS	381	Finger(s) and hand(s)
011	Brain	34	Finger(s), fingernail(s)
011	Brain stem	34	Fingernail(s)
226	Breast(s)--internal location of diseases or disorders only	482	Foot(feet) and ankle(s)
220	Breast(s)--external location	481	Foot(feet) and leg(s)
224	Bronchus	483	Foot(feet) and toe(s)
253	Buttock(s)	43*	Foot(feet), except toe(s)
		430	Foot(feet), except toe(s), unspecified
		439	Foot(feet), n.e.c.
		313	Forearm(s)
		031	Forehead
C		G	
1*	Cervical vertebra (Neck)	2462	Gallbladder
034	Cheek(s)	254	Groin
220	Chest, except internal location of diseases or disorders	0364	Gum
22*	Chest, including ribs, internal organs		
035	Chin	H	
21	Clavicle (Shoulder)	012	Hair
234	Coccygeal region of the back	02	Hammer (Ear)
234	Coccyx	383	Hand(s) and arm(s)
02	Cochlea (Ear)	381	Hand(s) and finger(s)
21	Collar bone (Shoulder)	382	Hand(s) and wrist(s)
2453	Colon	33	Hand(s), except finger(s)
02	Concha (Ear)	0*	HEAD
032	Conjunctiva (Eye)	09	Head, n.e.c.
032	Cornea (Eye)	00	Head, unspecified
91	Corrective lens(es)	91	Hearing aid(s)
01*	Cranial region, including skull	223	Heart
019	Cranial region, n.e.c.	4323	Heel(s) of foot(feet)
010	Cranial region, unspecified	02	Helix (Ear)
D		251	Hip(s)
		14	Hypopharynx
91	Denture(s)	I	
312	Distal humerus (Upper arm)	431	Instep(s) of foot(feet)
34	Distal phalanx, phalanges (Finger)	249	Internal abdominal location, n.e.c.
E		241	Internal abdominal location, unspecified
02	Ear canal		
02	Ear(s)		

*Titles -not used for case coding

PART OF BODY CODE INDEX

229	Internal chest location, n.e.c.	248	Multiple internal abdominal locations
221	Internal chest location, unspecified	228	Multiple internal chest locations
0339	Internal nasal location, n.e.c.	0338	Multiple internal nasal locations
0331	Internal nasal location, unspecified	18	Multiple internal neck locations
19	Internal neck location, n.e.c.	2568	Multiple internal reproductive tract structures
11	Internal neck location, unspecified	2458	Multiple intestinal locations
256*	Internal reproductive tract structures	418	Multiple leg(s) locations
2569	Internal reproductive tract structures, n.e.c.	48*	Multiple lower extremities locations
2560	Internal reproductive tract structures, unspecified	489	Multiple lower extremities locations, n.e.c.
2453	Intestine, large	480	Multiple lower extremities locations, unspecified
2452	Intestine, small	0368	Multiple mouth locations
2459	Intestines, n.e.c.	2468	Multiple other digestive structures
245*	Intestines, peritoneum	258	Multiple pelvic region locations
2450	Intestines, peritoneum, unspecified	4328	Multiple sole(s) of the foot(feet)
032	Iris (Eye)	28	Multiple trunk locations
J		38*	Multiple upper extremities locations
035	Jaw/chin	389	Multiple upper extremities locations, n.e.c.
K		380	Multiple upper extremities locations, unspecified
2442	Kidney(s)	2448	Multiple urinary organs
412	Knee(s)	N	
33	Knuckles (Finger)	033*	Nasal cavity
L		0333	Nasal passages
032	Lacrimal glands (Eye)	0332	Nasopharynx
2453	Large intestine/colon, rectum	10	Neck, except internal location of diseases or disorders
14	Laryngeal pharynx.	1*	NECK, INCLUDING THROAT
14	Laryngopharynx	9999	Nonclassifiable
13	Larynx	0330	Nose, except internal location of diseases or disorders
41*	Leg(s)	033*	Nose, nasal cavity
481	Leg(s) and foot(feet)	O	
419	Leg(s), n.e.c.	013	Occipital bone (Skull)
410	Leg(s), unspecified	032	Optic nerve (Eye)
032	Lens (Eye)	032	Orbit (Eye)
0361	Lip(s)	22*	Organs of chest, internal location of diseases or disorders
2461	Liver	24*	Organs of abdomen, internal location of diseases or disorders
02	Lobule (Ear)	15	Oropharynx
231	Lower back	9*	OTHER BODY PARTS
4*	LOWER EXTREMITIES	98	Other body parts, n.e.c.
49	Lower extremities, n.e.c.	246*	Other digestive structures
40	Lower extremities, unspecified	2469	Other digestive structures, n.e.c.
413	Lower leg(s)	2460	Other digestive structures, unspecified
231	Lumbar region of the back	02	Outer ear canal
225	Lung(s), pleura	2563	Ovary(ies)
M		P	
34	Medial phalanx, phalanges (Finger)	2463	Pancreas
232	Middle back	013	Parietal bone (Skull)
02	Middle ear	25*	Pelvic region
311	Mid-shaft humerus (Upper arm)	259	Pelvic region, n.e.c.
036*	Mouth	250	Pelvic region, unspecified
0369	Mouth, n.e.c.	252	Pelvis
0360	Mouth, unspecified	2552	Penis
318	Multiple arm(s) locations	2451	Peritoneum
238	Multiple back regions	2450	Peritoneum, unspecified
8	MULTIPLE BODY PARTS	34	Phalanges (Finger)
018	Multiple cranial region locations		
2558	Multiple external reproductive tract structures		
038	Multiple face locations		
438	Multiple foot(feet) locations		
08	Multiple head locations		

*Titles -not used for case coding

PART OF BODY CODE INDEX

34 Phalanx, phalanges (Finger)
 15 Pharynx
 02 Pinna (Ear)
 225 Pleura
 2561 Prostate
 91 Prosthetic devices
 34 Proximal phalanx, phalanges (Finger)
 21 Proximal humerus (Shoulder)

16 Trachea
 02 Tragus (Ear)
 2* TRUNK
 29 Trunk, n.e.c.
 20 Trunk, unspecified
 02 Tympanic cavity (Ear)

U

R

2453 Rectum
 255* Reproductive tract structures, external
 2559 Reproductive tract structures, external
 n.e.c.
 2550 Reproductive tract structures, external
 unspecified
 256* Reproductive tract structures, internal
 2569 Reproductive tract structures, internal
 n.e.c.
 2560 Reproductive tract structures, internal
 unspecified
 032 Retina (Eye)
 22* Ribs
 21 Rotator cuff (Shoulder)

311 Upper arm(s)
 232 Upper back
 3* UPPER EXTREMITIES
 39 Upper extremities, n.e.c.
 30 Upper extremities, unspecified
 244* Urinary organs
 2449 Urinary organs, n.e.c.
 2440 Urinary organs, unspecified
 2564 Uterus

V

23* Vertebra--except cervical
 10 Vertebra--cervical
 12 Vocal cord(s)
 13 Voicebox

S

233 Sacral region of the back
 259 Sacroiliac
 233 Sacrum
 012 Scalp
 02 Scapha (Ear)
 21 Scapula (Shoulder)
 2551 Scrotum
 02 Semicircular canals (Ear)
 413 Shin
 21 Shoulder blade
 21 Shoulder girdle
 21 Shoulder, including clavicle, scapula
 20 Side
 0334 Sinuses
 013 Skull
 2452 Small intestine
 432* Sole(s) of foot(feet)
 4329 Sole(s) of foot(feet), n.e.c.
 4320 Sole(s) of foot(feet), unspecified
 23* Spine, spinal cord
 239 Spine, spinal cord, n.e.c.
 230 Spine, spinal cord, unspecified
 243 Spleen
 02 Stapes (Ear)
 02 Stirrup (Ear)
 240 Stomach--external location
 242 Stomach organ--internal location of
 diseases or disorders only

W

16 Windpipe
 32 Wrist(s)
 382 Wrist(s) and hand(s)

T

234 Tailbone
 013 Temporal bone (Skull)
 2562 Testis(testes)
 411 Thigh(s)
 232 Thoracic region of the back
 1* THROAT
 34 Thumb(s)
 483 Toe(s) and foot(feet)
 44 Toe(s), toenail(s)
 44 Toenail(s)
 0362 Tongue
 0363 Tooth(teeth)

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SECTION 4.3

**Source of
Injury or
Illness;
Secondary Source
of Injury
or Illness
Index**

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SOURCE CODE INDEX

A			
		0139	Acid--disulfurous
		0139	Acid--dithionic
		0139	Acid--dithionous
3451	A-frame derricks	0149	Acid--etching
0653	Abate	0149	Acid--fluoboric
3541	Abraders, grinders (metal, woodworking, special material)	0149	Acid--fluoroacetic
		0149	Acid--fluorosulfonic
7173	Abrasive pads	0149	Acid--formic
3579	Abrasive saws (metal, woodworking, special material)	0149	Acid--hexafluorophosphoric
		0149	Acid--hexanoic
7959	Accordions	0121	Acid--hydriodic
0321	Acetaldehyde	0122	Acid--hydrobromic
0542	Acetate--lead	0123	Acid--hydrochloric
0959	Acetate--polyvinyl	0144	Acid--hydrocyanic
0141	Acetic acid, vinegar	0124	Acid--hydrofluoric
0321	Acetic aldehyde	0149	Acid--hydrofluorosilicic
0361	Acetone	0139	Acid--hypobromous
0364	Acetone--propyl	0131	Acid--hypochlorous
0341	Acetylaminofluorene (2-)	0139	Acid--hypoiodous
099	Acetylene	0139	Acid--hyponitrous
0149	Acetylsalicylic acid	0139	Acid--hypophosphorous
0113	Acid gas--fluorohydric	0139	Acid--hyposulfurous
0114	Acid gas--hydriodic	0139	Acid--iodic
0112	Acid gas--hydrochloric	0149	Acid--iodoacetic
0113	Acid gas--hydrofluoric	0149	Acid--isobutyric
0119	Acid gases, n.e.c.	0139	Acid--isocyanic
0110	Acid gases, unspecified	0149	Acid--isopentoic
011*	Acid gases--halogen	0149	Acid--lauric
0641	Acid--2,4,5-trichlorophenoxyacetic	0139	Acid--manganic
0641	Acid--2-(2,4,5-trichlorophenoxy) propionic	0139	Acid--metaboric
0641	Acid--4-chloro-2-methylphenoxyacetic	0139	Acid--metaphosphoric
0141	Acid--acetic	0142	Acid--methacrylic
0149	Acid--acetylsalicylic	0139	Acid--metsilicic
0142	Acid--acrylic	0149	Acid--monofluorophosphoric
0149	Acid--adipic	0123	Acid--muriatic
0149	Acid--alkanesulfonic	0132	Acid--nitric
0114	Acid--anhydrous hydriodic	0149	Acid--nitrohydrochloric
0111	Acid--anhydrous hydrobromic	0139	Acid--nitrous
0112	Acid--anhydrous hydrochloric	0146	Acid--nitroxanthic
0113	Acid--anhydrous hydrofluoric	0139	Acid--nitroxyllic
0139	Acid--arsenic	0149	Acid--oleic
0139	Acid--arsenous	0139	Acid--orthoboric
0134	Acid--battery	0139	Acid--orthoperiodic
0149	Acid--benzoic	0139	Acid--orthosilicic
0139	Acid--bromic	0139	Acid--orthotelluric
0149	Acid--bromoacetic	0149	Acid--oxalic
0139	Acid--bromous	0149	Acid--palmitic
0149	Acid--butyric	0145	Acid--peracetic
0149	Acid--capric	0131	Acid--perchloric
0149	Acid--caproic	0139	Acid--perchromic
0149	Acid--caprylic	0149	Acid--performic
0146	Acid--carbazotic	0139	Acid--periodic
0139	Acid--carbonic	0139	Acid--permanganic
0131	Acid--chloric	0139	Acid--perrhenic
0149	Acid--chloroacetic	0149	Acid--persulfuric
0149	Acid--chlorobutyric	0139	Acid--pertechnic
0112	Acid--chlorohydric	0143	Acid--phenol
0149	Acid--chloroisocyanuric	0146	Acid--phenol trinitrate
0149	Acid--chloropropionic	0149	Acid--phenylacetic
0139	Acid--chlorosulfonic	0149	Acid--phenylstearic
0131	Acid--chlorous	0133	Acid--phosphoric
0139	Acid--chromic	0982	Acid--phosphoric and chlorine mixture
0139	Acid--cyanic	0139	Acid--phosphorous
0149	Acid--cyanoacetic	0149	Acid--phthalic
0139	Acid--dichloroacetic	0146	Acid--picric
0139	Acid--dichloropropionic	0146	Acid--picronitric
0139	Acid--dichromic	0142	Acid--polyacrylic
0139	Acid--difluorophosphoric	0142	Acid--polymethacrylic
0139	Acid--diphosphoric	0149	Acid--propionic
0139	Acid--diphosphorous	0132	Acid--red fuming nitric (RFNA)
0139	Acid--disulfuric		

*Titles -not used for case coding

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0139	Acid--rhenic	074*	Alcohol, drugs, medicines
0149	Acid--salicylic	0319	Alcohol, n.e.c.
0149	Acid--sebacic	0310	Alcohol, unspecified
0139	Acid--selenic	0319	Alcohol--allyl
0149	Acid--stearic	0314	Alcohol--amyl
0139	Acid--sulfoxylic	0314	Alcohol--butyl
0134	Acid--sulfuric	0369	Alcohol--diacetone
0139	Acid--sulfurous	0312	Alcohol--ethyl
0139	Acid--technetic	0313	Alcohol--glycol
0149	Acid--thioglycolic	0312	Alcohol--grain
0149	Acid--trichloroacetic	0316	Alcohol--isopropyl
0146	Acid--trinitrophenol	0315	Alcohol--methyl
0139	Acid--triphosphoric	0319	Alcohol--n-butyl
0149	Acid--valeric	0316	Alcohol--n-propyl
0132	Acid--white fuming nitric (WFNA)	0319	Alcohol--pentyl
01*	Acids	0319	Alcohol--propenyl
019	Acids, n.e.c.	0314	Alcohol--propyl
010	Acids, unspecified	0316	Alcohol--rubbing
0641	Acids--benzoic and phenylacetic	0316	Alcohol--secondary propyl
0143	Acids--carbolic	0315	Alcohol--wood
012*	Acids--inorganic halogens	0741	Alcoholic beverages
018	Acids--multiple	031*	Alcohols
014*	Acids--organic	0321	Aldehyde
013*	Acids--other inorganic	0321	Aldehyde--acetic
0322	Acraldehyde	0322	Aldehyde--acrylic
0391	Acridine	0322	Aldehyde--allyl
0322	Acrolein	0321	Aldehyde--ethyl
0142	Acrylic acid	0323	Aldehyde--formic
0322	Acrylic aldehyde	0323	Aldehyde--methyl
0952	Acrylic resin	0329	Aldehyde--pyromucic
071	Adhesives, glues, n.e.c.	032*	Aldehydes
0149	Adipic acid	0329	Aldehydes, n.e.c.
7121	Adzes	0320	Aldehydes, unspecified
7424	Aerial ladder trams, truck-mounted ladders	0651	Aldicard
346*	Aerial lifts – elevators, scissorlifts	0391	Aliphatic and organic nitrogen compounds
0649	Agent orange	02*	Alkalies
0793	Agents--clearing, photographic	029	Alkalies, n.e.c.
3291	Agitators, mixers--earth, mineral (construction, logging, and mining)	020	Alkalies, unspecified
31*	Agricultural and garden machinery	028	Alkalies--multiple
3199	Agricultural and garden machinery, n.e.c.	0149	Alkanesulfonic acid
310	Agricultural and garden machinery, unspecified	0542	Alkyl lead
319*	Agricultural and garden machinery--other	841	All terrain vehicle (ATV)
069	Agricultural and horticultural chemicals, n.e.c.	0319	Allyl alcohol
068	Agricultural and horticultural chemicals--multiple	0322	Allyl aldehyde
06*	Agricultural chemicals and other pesticides	0341	alpha-, beta-Naphthylamine
060	Agricultural chemicals and other pesticides, unspecified	0561	Aluminum and aluminum compounds
489	Airbags (vehicle and mobile equipment parts)	116	Aluminum cans
119	Air cargo containers	119	Aluminum containers for bakery goods and frozen foods
3991	Air compressors	4196	Aluminum, vinyl siding (building materials--solid elements)
3311	Air conditioning units	829	Ambulances
7231	Air hammers (powered handtools)	0339	Amine--butyl
776	Air helmets	0339	Amine--ethyl
789	Air mattresses	0339	Amine--isopropyl
931*	Air pressure	0331	Amine--methyl
9310	Air pressure, unspecified	0339	Amine--propyl
129	Air receiver tanks	0341	Amines--aniline and other aromatic
9999	Air quality (poor), unspecified	033*	Amines--nonaromatic
81*	Air vehicles	0341	Aminobenzene
7252	Air wrenches (powered handtools)	0341	Aminodiphenyl
819	Aircraft, n.e.c.	091*	Ammonia and ammonium compounds
810	Aircraft, unspecified	0919	Ammonia and ammonium compounds, n.e.c.
813*	Aircraft--nonpowered	0910	Ammonia and ammonium compounds, unspecified
8139	Aircraft--nonpowered, n.e.c.	0918	Ammonia and ammonium compounds--multiple
8130	Aircraft--nonpowered, unspecified	0981	Ammonia and chlorine--mixture
811*	Aircraft--powered fixed wing	0911	Ammonia, anhydrous ammonia
8119	Aircraft--powered fixed wing, n.e.c.	0912	Ammonium hydroxide
8110	Aircraft--powered fixed wing, unspecified	0913	Ammonium nitrate
812*	Aircraft--powered rotary wing	0914	Ammonium sulfate
8129	Aircraft--powered rotary wing, n.e.c.		
8112	Aircraft--propeller-driven, fixed wing		
8120	Aircraft--rotary wing, unspecified		

*Titles -not used for case coding

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91*	Ammunition	3254	Asphalt pavers
114	Ammunition boxes	461	Asphalt, roofing tar
919	Ammunition, n.e.c.	392	Assembly machinery, n.e.c.
910	Ammunition, unspecified	3561	Assembly presses (metal, woodworking, special material)
871	Amusement park rail vehicle		
0314	Amyl alcohol	049	Astatine and compounds
3249	Analyzers--mineral property (mining and drilling)	78*	Athletic and recreation equipment
		93*	Atmospheric and environmental conditions
0351	Anesthetic ether	930	Atmospheric and environmental conditions, unspecified
7156	Angle finders (nonpowered measuring handtools)		
		0646	Atrazine
4131	Angle irons	841	ATV (all terrain vehicle)
0911	Anhydrous ammonia	391*	Audio and video equipment
0114	Anhydrous hydriodic acid	3919	Audio and video equipment, n.e.c.
0111	Anhydrous hydrobromic acid	3910	Audio and video equipment, unspecified
0112	Anhydrous hydrochloric acid	3427	Auger, screw conveyors – grain augers
0113	Anhydrous hydrofluoric acid	7111	Augers (nonpowered)
0341	Aniline and other aromatic amines	7211	Augers (powered handtools)
831*	Animal or human powered vehicle	3241	Augers--drilling, drilling machines (mining and drilling)
8319	Animal or human powered vehicle, n.e.c.		
511*	Animal products--nonfood	7311	Augers--power not determined
5119	Animal products--nonfood, n.e.c.	3621	Automated teller machines
5110	Animal products--nonfood, unspecified	821	Automobile
517	Animal waste products, including manure	932	Avalanche, mud slide
51*	Animals and animal products	7119	Awls
5*	Animals, minerals, persons, and plants	7121	Axes
519	Animals, n.e.c.	7121	Axes, hatchets
510	Animals, unspecified		
0353	Anprolene		
0311	Antifreeze		
0562	Antimony		
92*	Apparel and textiles	781	Back packs (recreation and athletic equipment)
929	Apparel and textiles, n.e.c.	3211	Backhoes
920	Apparel and textiles, unspecified	7125	Backsaws (nonpowered handtools)
376*	Apparel, leather, textile production machinery	531	Bacteria
		111	Bags, sacks, totes
0132	Aqua fortis	152	Bags--book
118	Aquaria	159	Bags--duffel
0122	Aqueous hydrogen bromide	159	Bags--golf
0123	Aqueous hydrogen chloride	153	Bags--gym
0124	Aqueous hydrogen fluoride	153	Bags--overnight
0121	Aqueous hydrogen iodide	152	Bags--shoulder
514	Arachnids (spiders, ticks, scorpions, etc.)	781	Bags--sleeping (recreation and athletic equipment)
789	Arcade games		
789	Archery equipment	153	Bags--suit
0929	Argon--liquified	0959	Bakelite
233	Arm chairs	117	Bakepans
3571	Arm saws, radial arm saws (metal, woodworking, special material)	521	Bakery products, candy, confections, snack foods
		0222	Baking soda
0341	Aromatic amines--other, aniline	7159	Balances (nonpowered measuring handtools)
034*	Aromatics	3111	Balers (agricultural)
03*	Aromatics and hydrocarbon derivatives, except halogenated	131	Bales of cotton, hay
		131	Bales, bundles
039*	Aromatics and hydrocarbon derivatives, except halogenated, n.e.c.	789	Balls
		779	Band-aids (including latex)
030	Aromatics and hydrocarbon derivatives, except halogenated, unspecified	3572	Band saws (metal, woodworking, special material)
038	Aromatics and hydrocarbon derivatives--multiple, except halogenated, n.e.c.		
		133	Banding reels--metal, wire
0349	Aromatics, n.e.c.	4221	Bands (ties)
0340	Aromatics, unspecified	639	Bannister
0542	Arsenate--lead	7959	Banjoes
0139	Arsenic acid	362*	Banking, retail, and office machinery
051	Arsenic, arsenic compounds	213	Bar counters--furniture
0139	Arsenous acid	233	Bar stools
798*	Art supplies	881	Barge
7981	Art supplies and materials, except paint	7121	Bark spuds
551	Asbestos	112	Barrels, kegs, drums
0223	Ash--soda	112	Barrels--coopered wooden
117	Ashtrays	451	Bars, ingots, metal sheets (nonstructural metal materials)
3251	Asphalt and mortar spreaders (road grading and surfacing)	4132	Bars, rods, reinforcing bar (rebar)
		7192	Bars--crow, prying, pinch, wrecking
		789	Baseball equipment
		3452	Basket derricks
		789	Basketball equipment

B

*Titles -not used for case coding

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115	Baskets, buckets, pails	789	Billiards tables, equipment
115	Baskets--wicker, wire, wooden, etc.	7169	Billy clubs (nonpowered striking handtools)
7959	Bassoons (musical instruments)	3751	Bindery machinery
9219	Bathing suits	118	Bins, vats, tanks
7159	Bathroom scales	118	Bins--trash
2421	Bathtubs	0426	Biphenyls--polychlorinated (PCBs)
7169	Batons--police	0642	Bipyridyls
4821	Battery (vehicle engine parts and accessories)	512*	Birds and fowl
0134	Battery acid	5129	Birds and fowl, n.e.c.
7121	Battle-axes	5120	Birds and fowl, unspecified
0651	Baygon	5121	Birds, except fowl
7124	Bayonets	0971	Bisulfide--carbon
0653	Baytex (Fenthion)	7112	Bit braces
639	Beams (structural elements)	4431	Bits--drill (unattached)
4133	Beams (structural metal materials)	29	Blackboards
133	Beams, bolts of fabric	7169	Blackjacks (nonpowered striking handtools)
072*	Beauty preparations, cosmetics, n.e.c.	789	Blades--ice skate
0720	Beauty preparations, cosmetics, unspecified	7124	Blades--knife
0729	Beauty preparations, cosmetics--other	4432	Blades--saw (unattached)
231	Bed frames	0941	Blast furnace gas
231	Beds, bedding, mattresses	3533	Blast furnaces (metal, woodworking, special material)
129	Beer kegs	98	Blast of pressurized air
514	Bees	075*	Blasting agents, explosives, n.e.c.
7169	Beetles (nonpowered striking handtools)	0759	Blasting cap
7959	Bells (musical instruments)	0422	Bleach--chlorine
3421	Belt conveyors	0731	Bleach--nonchlorine, nonperoxide
9211	Belts, gloves, neckties, scarves	3714	Blenders, whippers, mixers--food and beverage
4822	Belts, hoses (vehicle engine parts and accessories)	223	Blinds--window, shades, or draperies
775	Belts--safety, lifelines, lanyards, harnesses (protective equipment)	4423	Block and tackle (drums, pulleys, sheaves)
7243	Belts--sand (powered handtools)	4823	Block--engine (vehicle engine parts and accessories)
7142	Bench Dogs (nonpowered handtools)	411*	Blocks, bricks, structural stone
7142	Bench screws (nonpowered handtools)	4112	Blocks--concrete, cinder
7179	Bench strops (nonpowered surfacing handtools)	4111	Blocks--ornamental, decorative paving
7142	Bench vises (nonpowered handtools)	9212	Blouses, shirts, dresses, trousers, skirts
232	Benches, workbenches, saw horses	7261	Blow torches
232	Benches--utility	3312	Blowers, fans--wall, floor, ceiling, ventilation
3511	Bending, crimping machines (metal, woodworking, special material)	7169	Bludgeons (nonpowered striking handtools)
351*	Bending, rolling, shaping machinery (metal, woodworking, special material)	884	Boat--motorboat, yacht
3519	Bending, rolling, shaping machinery, n.e.c.	882	Boat--rowboat, canoe, kayak, raft
3510	Bending, rolling, shaping machinery, unspecified	885	Boat--sailboat, sailing ship
0342	Benxole	887	Boat--tugboat, commercial fishing boat
0342	Benzene	561	Bodily conditions of injured, ill worker
0652	Benzene hexachloride (BHC)	571	Bodily fluids or substances of person
0341	Benzidine	562	Bodily motion or position of injured, ill worker
0771	Benzine	7119	Bodkins
0149	Benzoic acid	121	Boilers--industrial, power, marine
0641	Benzoic and phenylacetic acids	7122	Bolt cutters
0342	Benzol	7251	Bolt setters--powered
0371	Benzoyl peroxide	133	Bolts of fabric, beams
052	Beryllium and beryllium compounds	4213	Bolts, washers, nuts
0341	beta-, alpha-Naphthylamine	912	Bombs
7157	Bevels (nonpowered measuring handtools)	5111	Bones, shells (including fossilized bones)
371*	Beverage and food processing machinery--specialized	214	Book and magazine racks
116	Beverage cans	152	Book bags
3321	Beverage heating and percolating equipment and appliances	211	Bookcases--any composition, built-in, free-standing, etc.
522	Beverages, n.e.c.	94*	Books, magazines, paper
0741	Beverages--alcoholic	941	Books, notebooks, magazines, catalogues
0652	BHC (benzene hexachloride)	3234	Boom--heel, log loaders (logging and wood processing)
0222	Bicarbonate--sodium, baking soda	3461	Boom lifts
8312	Bicycle--road and mountain	789	Boomerangs
4811	Bicycle tires	9214	Boots, shoes, slippers, sandals
782	Bicycles--stationary (exercise equipment)	3243	Bore tunneling machine (mining and drilling)
0653	Bidrin	7111	Bores (nonpowered)
6489	Billboards	711*	Boring handtools--nonpowered
152	Billfolds	7119	Boring handtools--nonpowered, n.e.c.
		7110	Boring handtools--nonpowered, unspecified
		731*	Boring handtools--power not determined
		7319	Boring handtools--power not determined, n.e.c.

*Titles -not used for case coding

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7310	Boring handtools--power not determined, unspecified	0792	Bromobenzyl cyanide
721*	Boring handtools--powered	0139	Bromous acid
7219	Boring handtools--powered, n.e.c	7191	Brooms (nonpowered handtools)--hand, push
7210	Boring handtools--powered, unspecified	7191	Brooms, mops, and other cleaning tools
3243	Boring machine--horizontal (mining and drilling)	3123	Brush hogs (mowers)
352*	Boring, drilling, planing, milling machinery (metal, woodworking, special material)	7191	Brushes--cleaning, steel
3529	Boring, drilling, planing, milling machinery, n.e.c.	7199	Brushes--paint
3520	Boring, drilling, planing, milling machinery, unspecified	3221	Bucket loaders
792	Bottle openers	3461	Bucket or basket hoist--truck mounted
113	Bottles, jugs, flasks	3422	Bucket, cup conveyors
113	Bottles--hot-water, medicine, milk, packing, paper, water, etc.	115	Buckets, baskets, pails
3731	Bottling, canning, filling machinery	115	Buckets--coopered wooden, metal, etc.
373*	Bottling, wrapping, packaging machinery	7241	Buffering machines--hand
552	Boulders	7241	Buffers, polishers, waxers--powered
7125	Bow saws (nonpowered handtools)	8311	Buggy--horse drawn
789	Bowling equipment	7959	Bugles (musical instruments)
141	Bowls, dishes	346*	Building elevators
141	Bowls--any use or composition	6221	Building floor (surface)
7124	Box cutters	410	Building materials, unspecified
8251	Box truck	41*	Building materials--solid elements
114	Boxes, crates, cartons	619	Building system, n.e.c.
114	Boxes--ammunition, cardboard, corrugated, fiberboard, filing, food, gaylor, newsboard, setup, wooden, etc.	610	Building system, unspecified
7199	Boxes--miter (nonpowered handtools)	61*	Building systems
783	Boxes--sand (playground equipment)	642	Buildings--office, plant, residential
789	Boxing equipment	769	Bulbs--flash (photographic equipment)
579	Boyfriend	2412	Bulbs--light
7112	Brace and bits, braces (nonpowered)	3212	Bulldozers
7112	Braces (nonpowered)	29	Bulletin boards
7312	Braces (power not determined)	911	Bullets
7212	Braces (powered handtools)	131	Bundles of shingles
764	Braces--camera, projector	131	Bundles, bales
794	Braces--orthopedic (health care and orthopedic equipment)	3732	Bundling, packaging, wrapping machinery
7119	Bradawls	4222	Bungee cords (ties)
4212	Brads, tacks, nails	4222	Bungee jumping cords
3562	Brake presses (metal, woodworking, special material)	231	Bunk beds
586	Branches--shrub	7262	Burning systems (powered handtools)
587	Branches--tree	0213	Burnt lime
7124	Bread knives	759	Burs--dental
117	Breadpans	822	Bus (motorized highway vehicle)
112	Breakers (containers)	115	Bushels (containers)
3292	Breakers--coal (construction, logging, and mining)	7124	Bushwhackers
7111	Breast augers	36*	Business and office machinery
3453	Breast derricks	0841	Butane
7113	Breast drills (nonpowered handtools)	0363	Butanone
4111	Bricks and pavers	7124	Butcher knives
411*	Bricks, blocks, structural stone	7172	Butt mortise planes (nonpowered surfacing handtools)
4119	Bricks, blocks, structural stone, n.e.c.	0341	Butter yellow
4110	Bricks, blocks, structural stone, unspecified	3191	Butter-making machinery
641	Bridges, dams, locks (structures)	0314	Butyl alcohol
151	Briefcases	0339	Butyl amine
9219	Briefs (clothing)	0329	Butyraldehyde
3523	Broaching machines (metal, woodworking, special material)	0149	Butyric acid
7121	Broad hatchets		
7121	Broadaxes		C
3322	Broiling and frying equipment and appliances	21*	Cabinets, cases, racks, shelves
0139	Bromic acid	212	Cabinets, cases--display, storage
0122	Bromide--aqueous hydrogen	212	Cabinets--china, kitchen, medicine, office, etc.
0111	Bromide--hydrogen	4411	Cable (electrical)
0413	Bromide--methyl	4423	Cable (machine and appliance parts)
0414	Bromide--potassium	4229	Cable (ropes, ties)
0411	Bromine	4423	Cable (winches, drums, pulleys, sheaves)
041*	Bromine and bromine compounds	053	Cadmium and cadmium compounds
0419	Bromine and bromine compounds, n.e.c.	117	Cake pans
0410	Bromine compounds, unspecified	0221	Calcium carbonate
0149	Bromoacetic acid	0429	Calcium chloride
		0219	Calcium hydroxide, calcium oxides, n.e.c.
		0210	Calcium hydroxide, calcium oxides, unspecified
		021*	Calcium hydroxides, calcium oxides
		022*	Calcium, sodium carbonates
		3622	Calculating machines and cash registers
		3513	Calendering machinery, rolling mills (metal, woodworking, special material)

*Titles -not used for case coding

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3741	Calenders/supercalenders--paper production	21*	Cases, cabinets, racks, shelves
7151	Calipers--dial, vernier, inside, yankee, micrometer, outside	219	Cases, cabinets, racks, shelves, n.e.c.
0213	Calx	210	Cases, cabinets, racks, shelves, unspecified
769	Camera film	212	Cases, cabinets--display, storage
769	Camera parts	211	Cases--book
761	Cameras (photographic equipment)--still and motion picture, aerial, movie, box, home movie, video, motion picture, etc.	114	Cases--mailing
781	Camping equipment	159	Cases--musical instrument
3326	Camping stoves--portable	114	Cases--plastic utility
7129	Can openers--hand-operated (nonpowered handtools)	581	Cash grain crops
799	Candles	3622	Cash registers and calculating machines
521	Candy, confections, snack foods, bakery products	112	Casks (containers)
794	Canes (health care and orthopedic equipment)	3531	Casting machinery (metal, woodworking, special material)
116	Canisters	941	Catalogues, books, notebooks, magazines
116	Canned foods	3611	Cathode ray tubes (CRTs) and video display terminals (VDTs)
3731	Canning, filling, bottling machinery	5151	Cats
882	Canoe, kayak, rowboat, raft	5152	Cattle
116	Cans	7199	Caulking guns (nonpowered handtools)
116	Cans--aluminum, gasoline, beverage, oil, packing, tin, food, trash	46*	Caulking, insulating material, tars, sealants
781	Canteens (recreation and athletic equipment)	463	Caulking--foam, foam insulation
7981	Canvasses (art supplies)	465	Caulking--plastic, vinyl
0759	Cap--blasting	024	Caustic potash, soda
0149	Capric acid	644*	Caves, tunnels, mines
0149	Caproic acid	212	Cedar chests
0149	Caprylic acid	3312	Ceiling fans
9213	Caps, hats	4141	Ceiling tiles
821	Car (automobile)	7959	Cellos (musical instruments)
3331	Car or vehicle washing machinery	7121	Celts (stone axe)
0643	Carbamate and thiocarbamate herbicides	3291	Cement mixers (except trucks)
0651	Carbamate insecticides	0211	Cement, mortar mix--dry
0651	Carbaryl (Sevin)	0212	Cement, mortar mix--wet
0146	Carbazotic acid	8259	Cement trucks
0315	Carbinol	7153	Center finders (nonpowered measuring handtools)
0316	Carbinol--dimethyl	3541	Centerless grinders (metal, woodworking, special material)
0319	Carbinol--vinyl	3797	Centrifugal pumps
0143	Carbolic acids	3791	Centrifuges (special process machinery)
0971	Carbon bisulfide	4142	Ceramic or stone tiles--drain, roof, multipurpose
0942	Carbon dioxide, dry ice	3423	Chain conveyors
0971	Carbon disulfide	7122	Chain cutters
0941	Carbon monoxide	4422	Chain drives (machine and appliance parts)
0421	Carbon tetrachloride	4223	Chains, n.e.c.
3592	Carbon-dioxide lasers (metal, woodworking, special material)	7221	Chainsaws (powered handtools)
0221	Carbonate--calcium	233	Chairs--arm, high, easy, rocking, folding
024	Carbonate--potassium	7982	Chalk, crayons, marking devices (art supplies)
024	Carbonate of potash	7982	Chalk--artists', blackboard, marking, chalk lines, etc.
0223	Carbonate--sodium, soda ash	4139	Channel, steel (structural metal material)
0229	Carbonates, n.e.c.	6271	Channels, trenches, excavations, ditches
022*	Carbonates--calcium, sodium	7129	Chasers (cut screw threads)
0220	Carbonates--calcium, sodium, unspecified	098*	Chemical mixtures--multiple, n.e.c.
0139	Carbonic acid	0799	Chemical products, n.e.c.
236	Card tables	070	Chemical products, unspecified
3763	Carding, combing, picking machinery	07*	Chemical products--general
7199	Carpet kickers	0*	Chemicals and Chemical Products
221	Carpet (except rolls)	099	Chemicals and chemical products, n.e.c.
133	Carpet rolls	00	Chemicals and chemical products, unspecified
8311	Carriage--horse drawn	06*	Chemicals--agricultural and other pesticides
8521	Carrier--container (powered industrial carrier)	068	Chemicals--multiple agricultural and horticultural
8522	Carrier--lumber (powered industrial carrier)	09*	Chemicals--other
8523	Carrier--stacker (powered industrial carrier)	0739	Chemicals--photographic
8524	Carrier--straddle (powered industrial carrier)	3461	Cherry pickers
861	Cart, dolly, handtruck	212	Chests--cedar
842	Cart--golf (powered)	212	Chests--tool
114	Cartons, boxes, crates	212	Chests--toy
114	Cartons--milk, ice cream, egg	114	Chicken coops (crates)
7983	Cartridges--refills (writing supplies)	5122	Chickens
7124	Carving knives (nonpowered handtools)	7959	Chimes
		212	China cabinets

*Titles -not used for case coding

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4152	Chip board, particle board	0739	Cleaning and polishing agents--other
3231	Chippers (logging and wood processing)	099	Cleaning compounds--metal, unspecified
7231	Chipping hammers--electric	333*	Cleaning machinery, dryers, washing machinery and appliances
951*	Chips, particles, splinters		Cleaning tools, mops, brooms
9519	Chips, particles, splinters, n.e.c.	7191	Cleaning, heating, and cooling machinery and appliances
9510	Chips, particles, splinters, unspecified	33*	Clearing agents--photographic
9512	Chips--glass		Cleavers
9513	Chips--metal	0793	Climate control system
9514	Chips--wood, sawdust	7124	Clippers--grass (nonpowered handtools)
7123	Chisels (nonpowered handtools)--cold, steel, wood, etc.	611	Clippers--nail
		7126	Clocks--cuckoo, standing, grandfather, office, travel alarm, ships, etc.
7321	Chisels (power not determined)	7129	Cloth and paper--photographic
7222	Chisels (powered handtools)	791	Clothes dryers
0649	Chlorates		Clothes washers
0652	Chlordane	762	Clothes-drying racks
0641	Chlorfenec	3332	Clothing and shoes
0131	Chloric acid	3333	Clothing, n.e.c.
0123	Chloride--aqueous hydrogen	214	Clothing, unspecified
0429	Chloride--calcium	921*	Clubs (nonpowered striking handtools)
0429	Chloride--ethyl	9219	Clutches--friction (machine and appliance parts)
0112	Chloride--hydrogen	9210	Co-worker, former co-worker of injured or ill worker
0423	Chloride--methyl	7169	Coal
0429	Chloride--methylene	4425	Coal and coal products
0954	Chloride--vinyl, polyvinyl chloride	572	Coal and coal products, n.e.c.
0981	Chlorine and ammonia--mixture		Coal breakers, crushers (construction, logging, and mining)
042*	Chlorine and chlorine compounds	0811	Coal manufactures--coke and other
0983	Chlorine and cleaning agent, n.e.c.	081*	Coal naphtha
0982	Chlorine and phosphoric acid--mixture	0819	Coal products, unspecified
0429	Chlorine compounds, n.e.c.	3292	Coal, natural gas, petroleum fuels and products, n.e.c.
0420	Chlorine compounds, unspecified		Coal, natural gas, petroleum fuels and products, n.e.c.
0422	Chlorine, chlorine bleach	0812	Coal, natural gas, petroleum fuels and products, unspecified
0131	Chlorine-containing oxyacids	0342	Coal, natural gas, petroleum fuels and products, n.e.c.
0149	Chloroacetic acid	0810	Coal, natural gas, petroleum fuels and products, n.e.c.
0792	Chloroacetophenone	089	Coal, natural gas, petroleum fuels and products, n.e.c.
0341	Chloroaniline (2-)		Coal, natural gas, petroleum fuels and products, n.e.c.
0149	Chlorobutyric	08*	Coal, natural gas, petroleum fuels and products, n.e.c.
0429	Chloroethane		Coal, natural gas, petroleum fuels and products, n.e.c.
0429	Chloroform	080	Coal, natural gas, petroleum fuels and products, n.e.c.
0112	Chlorohydric acid		Coal, natural gas, petroleum fuels and products, unspecified
0149	Chloroisocyanuric acid	214	Coat racks
0423	Chloromethane	3742	Coaters--paper production
0149	Chloropropionic acid	9215	Coats, jackets, suits
0139	Chlorosulfonic acid	236	Cocktail tables
0131	Chlorous acid	5292	Cocoa, chocolate, sugar
5292	Chocolate, sugar, cocoa	3321	Coffee makers
8121	Chopper (helicopter)	236	Coffee tables
3119	Choppers--forage (agricultural)	114	Coffins
0139	Chromic acid	3629	Coin-counting machinery
0563	Chromium and chromium compounds	0812	Coke and other coal manufactures
3411	Chutes	3533	Cold forging machinery (metal, woodworking, special material)
98	Cigarettes		Cold--environmental
9342	Cigarette smoke	9361	Cologne spirit
4112	Cinder blocks, concrete blocks	0312	Column (structural elements)
7224	Circular saws	639	Combination builders tools (nonpowered measuring handtools)
118	Cisterns	7157	Combines (agricultural)
7142	Clamps (nonpowered handtools)--spreader, spring, band, toggle, bar, cam, edging, hand, etc.		Combing, picking, carding machinery
		3112	Combs
4211	Clamps, couplings (fasteners)	3763	Communication and telephone equipment
7142	Clamps, vises (nonpowered gripping handtools)	799	Compactors, crushers, pulverizers--earth, mineral (construction, logging, and mining)
		3912	Compactors--trash
432	Clamshells, hooks, shackles, magnets (hoisting accessories)	3292	Compasses--magnetic, measuring
			Compound--joint, patching
3191	Clarifiers (milk processing)	3997	Compounds--aluminum
7959	Clarinets	7159	Compounds--ammonium
553	Clay--natural and processed	464	Compounds--arsenic
0771	Cleaners' naphtha	0561	Compounds--astatine
0733	Cleaners--drain and oven	091*	Compounds--beryllium
0739	Cleaners--other and unspecified	051	Compounds--bromine
3336	Cleaners--vacuum	049	Compounds--cadmium
073*	Cleaning and polishing agents, disinfectants, n.e.c.	052	
		041*	
0730	Cleaning and polishing agents, unspecified	053	
0738	Cleaning and polishing agents--multiple		

*Titles -not used for case coding

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042*	Compounds--chlorine	4415	Convertors, power lines, transformers
0563	Compounds--chromium	340	Conveyor--package
093*	Compounds--cyanide, n.e.c.	3421	Conveyors--belt
0644	Compounds--dinitro	3422	Conveyors--bucket, cup
043*	Compounds--fluorine	3423	Conveyors--chain
04*	Compounds--halogen	341*	Conveyors--gravity
0541	Compounds--inorganic lead	3419	Conveyors--gravity, n.e.c.
044	Compounds--iodine	3410	Conveyors--gravity, unspecified
0564	Compounds--iron	3424	Conveyors--live roller
054*	Compounds--lead	3425	Conveyors--pan
0565	Compounds--magnesium	3426	Conveyors--pneumatic
055	Compounds--mercury	342*	Conveyors--powered
099	Compounds--metal cleaning, unspecified	3429	Conveyors--powered, n.e.c.
0918	Compounds--multiple ammonia and ammonium	3420	Conveyors--powered, unspecified
048	Compounds--multiple halogen	3412	Conveyors--roller
058	Compounds--multiple metallic	3427	Conveyors--screw, auger
0948	Compounds--multiple oxygen	3428	Conveyors--slot
0978	Compounds--multiple sulfur	3413	Conveyors--wheel
0567	Compounds--nickel	792	Cooking and eating utensils, except knives
0542	Compounds--organic lead	332*	Cooking and heating machinery and appliances
0652	Compounds--organochlorine	3326	Cooking ovens, grills, toasters, food warmers, ranges
0653	Compounds--organophosphorus	0311	Coolant--radiator
056*	Compounds--other	781	Coolers--portable (recreation and athletic equipment)
094*	Compounds--oxygen, n.e.c.	331*	Cooling and humidifying machinery and appliances
097*	Compounds--sulfur	3319	Cooling and humidifying machinery and appliances, n.e.c.
0568	Compounds--zinc	3310	Cooling and humidifying machinery and appliances, unspecified
3991	Compressors--air	33*	Cooling, cleaning, and heating machinery and appliances
234	Computer desks	114	Coops--chicken
3611	Computer monitors and screens	7125	Coping saws (nonpowered handtools)
3615	Computer printers and plotters	3625	Copy machines
3612	Computers--electronic	0793	Copying and photographic solutions
361*	Computers--electronic, and peripheral equipment	0793	Copying machine fluids
3242	Concentrators, sorters, separators--mineral (mining and drilling)	4222	Cords--bungee
4112	Concrete blocks, cinder blocks	7111	Corkscrews
4121	Concrete or clay pipes and conduits	7172	Cornering tools (nonpowered surfacing handtools)
3254	Concrete pavers	7959	Cornets
3797	Concrete pumps	794	Corsets (health care and orthopedic equipment)
0721	Conditioners--hair	7174	Corundum stone (nonpowered surfacing handtools)
93*	Conditions of the atmosphere and environment	152	Cosmetic pouches
4121	Conduits and pipes--concrete or clay	072*	Cosmetics, beauty preparations, n.e.c.
521	Confections, snack foods, bakery products, candy	231	Cots
236	Conference tables	131	Cotton bales
42*	Connectors, ropes, ties, fasteners	235	Couches
32*	Construction, logging, and mining machinery	066	Coumarins
3299	Construction, logging, and mining machinery, n.e.c.	8511	Counterbalance rider--high lift (forklift)
320	Construction, logging, and mining machinery, unspecified	7111	Counterbores
98	Contact lens	7163	Counterpunches (nonpowered handtools)
8521	Container carrier (powered industrial carrier)	213	Counters, counter tops
1*	Containers	213	Counters--kitchen
19	Containers, n.e.c.	7163	Countersinks (nonpowered handtools)
10	Containers, unspecified	7213	Countersinks--(powered handtools)
119	Containers--air cargo	4211	Couplings, clamps
119	Containers--aluminum for bakery goods and frozen foods	22*	Coverings--floor, wall, window
11*	Containers--nonpressurized	222	Coverings--wall
119	Containers--nonpressurized, n.e.c.	786	Crab traps
110	Containers--nonpressurized, unspecified	231	Cradles
12*	Containers--pressurized	0649	Crag herbicide
129	Containers--pressurized, n.e.c.	343*	Cranes
120	Containers--pressurized, unspecified	3439	Cranes, n.e.c.
13*	Containers--variable restraint	3430	Cranes, unspecified
139	Containers--variable restraint, n.e.c.	3431	Cranes--floating
130	Containers--variable restraint, unspecified	3432	Cranes--gantry
3214	Continuous bucket excavators	3433	Cranes--hammerhead
3241	Continuous miners (mining and drilling)		
4416	Controls, relays, rheostats, starters (machine, tool, and electric parts)		

*Titles -not used for case coding

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3434	Cranes--mobile, truck, rail mounted	7124	Daggers
3435	Cranes--monorail and underhung	3191	Dairy and milk processing machinery--specialized
3436	Cranes--overhead		Dairy products
3437	Cranes--portal, tower, pillar	523	Dams, locks, bridges (structures)
114	Crates, cartons, boxes	641	Darkroom apparatus
114	Crates--shipping	769	DDT
7982	Crayons--charcoal, wax, chalk	0652	DDVP (Vapona)
3191	Cream separators (milk processing)	0653	Debarkers (logging and wood processing)
231	Cribs	3232	Debris, waste, scrap
3511	Crimping, bending machines (metal, woodworking, special material)	95*	Decanters
		113	Degreasers, solvents, n.e.c.
784	Crops (riding goods and equipment)	077*	Degreasers, solvents--multiple
581	Crops--cash grain	0778	Dehumidifiers, vaporizers, humidifiers
582	Crops--field	3313	Delapon
7125	Cross-cut saws (nonpowered handtools)	0649	Delivery trucks
7192	Crowbars	8251	Delivery vans
4423	Crown block (drums, pulleys, sheaves)	826	Demeton
3611	CRTs (cathode ray tubes)	0653	Densifier, recycling
083	Crude oil, petroleum	3599	Dental burs
3192	Crushers, mixers, grinders--feed (agricultural)	759	Depth charges
		912	Derivatives--aromatics and hydrocarbon, except halogenated
3292	Crushers, pulverizers, compactors--earth, mineral (construction, logging, and mining)	03*	Derivatives--multiple aromatics and hydrocarbon, except halogenated, n.e.c.
794	Crutches (health care and orthopedic equipment)	038	Derricks
092*	Cryogenic gases	345*	Derricks--support oil digging machinery
0929	Cryogenic gases, n.e.c.	647	Derricks, n.e.c.
0920	Cryogenic gases, unspecified	3459	Derricks, unspecified
3131	Cultivating and plowing machinery	3450	Derricks--A-frame
3131	Cultivators (agricultural)	3451	Derricks--basket
6443	Culverts	3452	Derricks--breast
3422	Cup, bucket conveyors	3453	Derricks--gin pole
142	Cups--drinking, beverage glasses	3454	Derricks--guy
14*	Cups--drinking, dishes, beverage glasses	3455	Desks--computer, school, office, roll-top
624	Curb	234	Detergents and shampoos--synthetic
959	Curb, piece of	0737	Detonator
799	Curlers	0759	Developers--photographic
223	Curtains	0793	Developing apparatus (photographic equipment)
4113	Cut marble splashblocks	769	Di-isocyanates
3570	Cutoff saws (metal, woodworking, special material)	0951	Diacetone
		0369	Diacetone alcohol
7122	Cutters--bolt, chain, wire, lock	0369	Diacetyl
7129	Cutters--glass	0369	Diagnostic, testing (product), and inspecting machinery, n.e.c.
7124	Cutters--mat	393	Diamine--ethylene
7229	Cutters--powered		Diamond drills (mining and drilling)
712*	Cutting handtools--nonpowered	0959	Diamond saws (metal, woodworking, special material)
7129	Cutting handtools--nonpowered, n.e.c.	3241	Diazinon
7120	Cutting handtools--nonpowered, unspecified	3579	Dibbles (make seed holes in garden)
732*	Cutting handtools--power not determined		Dibrom (Naled)
7329	Cutting handtools--power not determined, n.e.c.	0653	Dibromide--ethylene
		7139	Dicamba
7320	Cutting handtools--power not determined, unspecified	0653	Dicathon
		0412	Dichloroacetic acid
722*	Cutting handtools--powered	0641	Dichlorobenzidine (3,3'-)
7229	Cutting handtools--powered, n.e.c.	0653	Dichloromethane
7220	Cutting handtools--powered, unspecified	0139	Dichloropropionic acid
0844	Cutting oils, lubricating greases	0341	Dichromic acid
0951	Cyanates	0429	Diclorvo
0139	Cyanic acid	0139	Dicofol (Kelthane)
093*	Cyanide and cyanide compounds, n.e.c.	0139	Dictating machines
0930	Cyanide and cyanide compounds, unspecified	0653	Dieldrin
		0652	Dies, molds, patterns (machine and appliance parts)
0792	Cyanide--bromobenzyl	3629	Dies--hand seal (art supplies)
0931	Cyanide--hydrogen	0652	Diesel fuel, jet fuel, gasoline
0938	Cyanides--multiple	4421	Diethyl ether
0149	Cyanoacetic		Diethyl oxide
0342	Cyclohexatriene	7989	Difluorophosphoric acid
0653	Cygon (Dimethoate)	0842	Digging handtools--nonpowered
129	Cylinders--pressure	0351	Digging handtools--nonpowered, n.e.c.
3541	Cylindrical grinders (metal, woodworking, special material)	0351	Digging handtools--nonpowered, unspecified
7959	Cymbals	0139	Dimensional lumber: 2x4, 2x3, etc.
		713*	
		7139	
		7130	
		4151	

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0653	Dimethoate (Cygon)	7125	Dozuki saws (nonpowered handtools)
0316	Dimethyl carbinol	3219	Draglines
0352	Dimethyl ether	0733	Drain and oven cleaners
0361	Dimethyl ketone	6443	Drains--storm, sewers, manholes
0341	Dimethylaminoazobenzene (4-)	223	Draperies--window, blinds, or shades
0344	Dimethylbenzene	223	Drapes
0353	Dimethylene oxide	798*	Drawing, writing, and art supplies
236	Dining tables	7124	Drawknives
0644	Dinitro compounds	3219	Dredges--marine, suction
0391	Dinitro-o-cresol	236	Dressers (furniture)
0644	Dinitro-orthoeresol (DNOC)	9212	Dresses, trousers, skirts, blouses, shirts
0391	Dinitrobenzene	4431	Drill bits--unattached
0943	Dinitrogen pentoxide	3521	Drill presses (metal, woodworking, special material)
0943	Dinitrogen tetroxide		Drilling and mining machinery
0391	Dinitrophenol (DNP)	324*	Drilling machines (metal, woodworking, special material)
0391	Dinitrotoluene (DNT)	3521	Drilling machines, drilling augers (mining and drilling)
115	Dinner pails		Drilling, planing, milling, boring machinery (metal, woodworking, special material)
0644	Dinosam (DNAP)	3241	Drills (nonpowered handtools)
0644	Dinoseb (DNBP)		Drills (power not determined)
0359	Dioxane	352*	Drills (powered handtools)--hand, pneumatic, cordless, variable speed
0942	Dioxide--carbon, dry ice		Drills--diamond, rock, jet flame, water-jet (mining and drilling)
0541	Dioxide--lead	7113	Drills--radial, gang (metal, woodworking, special material)
0943	Dioxide--nitrogen	7313	Drills--stationary (metal, woodworking, special material)
0973	Dioxide--sulfur	7213	Drinking cups, beverage glasses
066	Diphacin		Drives--chain, leather, fabric, vee belt (machine and appliance parts)
0139	Diphosphoric acid	3241	Driveways
0139	Diphosphorous acid		Drop hammers (construction, logging, and mining)
0642	Diquat	3521	Drugs and medicines, n.e.c.
82*	Dirt bike		Drugs and medicines, unspecified
9511	Dirt particles	3521	Drugs, alcohol, medicines
554	Dirt, earth		Drugs, medicines--multiple
3131	Discs (agricultural)	142	Drugs--nonmedicinal
3334	Dish washers	4422	Drums (musical instruments)
141	Dishes, bowls--any use or composition		Drums, barrels, kegs
14*	Dishes, drinking cups, beverage glasses	626	Drums, pulleys, sheaves (machine and appliance parts)
149	Dishes, drinking cups, beverage glasses, n.e.c.	3293	Drums--fiber, oil, shipping, etc.
140	Dishes, drinking cups, beverage glasses, unspecified		Dry cleaning conveyor
117	Dishpans	0749	Dry cleaning rail system
0732	Disinfectants	0740	Dry cleaning fluids, n.e.c.
073*	Disinfectants, cleaning and polishing agents, n.e.c.	074*	Dry ice, carbon dioxide
799	Dispensers--soap	0748	Dryers, washers, and cleaning machinery and appliances
214	Display racks	0742	Dryers--clothes
217	Display shelving	7959	Dryers--hair and hand
3992	Disposals--garbage	112	Dryers--paper production
084*	Distillates, petroleum fuels, products, n.e.c.	4423	Drywall, wallboard (building materials--solid elements)
3792	Distilling and rectifying machinery	112	Ducks
0971	Disulfide--carbon	3429	Ducts
0139	Disulfuric acid	3429	Ducts, tubing, pipes
0139	Disulfurous acid	0773	Duffel bags
6271	Ditches, channels, trenches, excavations	0942	Dumbwaiters
063	Dithiocarbamates	333*	Dump trucks
0139	Dithionic acid, dithionous acid		Dumpsters
0649	Diuron	3332	Dursban
235	Divans	3335	Dust masks (protective equipment)
7152	Dividers (nonpowered measuring handtools)	3743	Dusters--feather
9219	Diving suits	4198	Dusting and spraying machinery--agricultural
786	Diving--scuba, skin (equipment)		Dustpans
0644	DNAP (dinosam)	5123	Dusts, particulates, trace elements, powders, fumes--metallic
0644	DNBP (dinoseb)	4122	Dyeing machinery, except textile
0644	DNOC (dinitro-orthoeresol)	412*	Dyeing machinery--textile
0391	DNP (Dinitrophenol)	159	
0391	DNT (Dinitrotoluene)	3462	
6292	Docks--loading, ramps, runways	8252	
5153	Dogs	118	
861	Dolly, handtruck, cart	0653	
4197	Door knobs	771	
631	Doors	7191	
631	Door frames	3193	
4429	Doors (machine and appliance parts)	117	
489	Doors (vehicle and mobile equipment parts)	05*	
7124	Dowel makers (used with lathes)		
4194	Downspouts, gutters (building materials--solid elements)	3793	
		3761	

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0791	Dyes, inks	7981	Eraser guides, shields (art supplies)
0721	Dyes--hair	7981	Erasers--pencil, blackboard
0751	Dynamite	0641	Erbon
E			
772	Earplugs and hearing protectors	621	Escalators
554	Earth, dirt	099	Esters
933	Earthquake	0149	Etching acid, liquid, n.o.s.
7981	Easels (art supplies)	0313	Ethanediol (1,2-)
233	Easy chairs	0312	Ethanol
792	Eating and cooking utensils, except knives	0351	Ether
3591	ECM (electrochemical machinery) (metal, woodworking, special material)	0351	Ether--anesthetic, diethyl, ethyl
7129	Edgers--lawn (nonpowered handtools)	0352	Ether--dimethyl, methyl
7229	Edgers--powered	0354	Ether--methyl ethyl
769	Editing equipment (photographic equipment)	0771	Ether--petroleum
3591	EDM (electrochemical and discharge machinery) (metal, woodworking, special material)	0361	Ether--pyroacetic
0313	EG (ethylene glycol)	0355	Ether--vinyl
114	Egg cartons	035*	Ethers
0959	Elastomer	0359	Ethers, n.e.c.
7262	Electric burn-in knives (powered handtools)	0350	Ethers, unspecified
441*	Electric parts	0653	Ethion
4419	Electric parts, n.e.c.	0351	Ethoxyethane
4410	Electric parts, unspecified	0312	Ethyl alcohol
44*	Electric, machine, and tool parts	0321	Ethyl aldehyde
4419	Electrical cords	0339	Ethyl amine
4411	Electrical wiring or cable	0429	Ethyl chloride
3591	Electrochemical and discharge machinery (EDM) (metal, woodworking, special material)	0351	Ethyl ether
3591	Electrochemical machinery (ECM) (metal, woodworking, special material)	0312	Ethyl hydrate
4413	Electrolytic and magnetic apparatus	0312	Ethyl hydroxide
361*	Electronic computers and peripheral equipment	0363	Ethyl methyl ketone
3619	Electronic computers and peripheral equipment, n.e.c.	0351	Ethyl oxide
3610	Electronic computers and peripheral equipment, unspecified	0959	Ethyl silicate
7939	Electroshock guns	0959	Ethylene diamine
6222	Elevator car floor	0412	Ethylene dibromide
6221	Elevator shaft floor	0313	Ethylene glycol
346*	Elevators, aerial lifts	0353	Ethylene oxide
3469	Elevators, n.e.c.	0792	Ethylidoacetate
3460	Elevators, unspecified	3191	Evaporators (milk processing)
3463	Elevators--electric	321*	Excavating machinery
3465	Elevators--hand operated	3219	Excavating machinery, n.e.c.
3464	Elevators--hydraulic	3210	Excavating machinery, unspecified
6489	Embankments	6271	Excavations, ditches, channels, trenches
7171	Emery boards (nonpowered surfacing handtools)	3214	Excavators--continuous bucket
7174	Emery wheels (nonpowered surfacing handtools)	3219	Excavators--marine
3222	End loaders	782	Exercise and gymnasium equipment--exercise bikes, exercise machines, jump ropes, weigh lifting equipment, etc.
236	End tables	0941	Exhaust gas--motor vehicle
0652	Endrin	912	Explosive devices
4823	Engine block (vehicle engine parts and accessories)	075*	Explosives, blasting agents, n.e.c.
482*	Engine parts and accessories	0750	Explosives, blasting agents, unspecified
4829	Engine parts and accessories, n.e.c.	769	Exposure meters (photographic equipment)
4820	Engine parts and accessories, unspecified	4419	Extension cords
4424	Engines, turbines, except vehicle (machine and appliance parts)	7421	Extension ladders
3752	Engraving machinery	3712	Extractors--juice, oil, fat
769	Enlargers (photographic equipment)	3294	Extractors--pile (construction, logging, and mining)
93*	Environmental and atmospheric conditions	3532	Extruding machinery (metal, woodworking, special material)
9399	Environmental conditions, n.e.c.	353*	Extruding, injecting, forming, molding machinery (metal, woodworking, special material)
0653	EPN (organophosphorus compounds)	3539	Extruding, injecting, forming, molding machinery, n.e.c.
0952	Epoxy resin	3530	Extruding, injecting, forming, molding machinery, unspecified
0353	Epoxyethane (1,2-)	922*	Eye glasses, jewelry, and watches
7*	Equipment, tools, and instruments	9221	Eye glasses, sunglasses
241*	Equipment--lighting	F	
		9231	Fabric
		133	Fabric bolts, beams

*Titles -not used for case coding

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4422	Fabric drives (machine and appliance parts)	934*	Flame, fire, smoke
7961	Fabric pins, safety pins (sewing notions)	0752	Flammable gas, unspecified
3323	Fabric pressers and ironing appliances	769	Flash bulbs (photographic equipment)
133	Fabric rolls	4192	Flashing (building materials--solid elements)
0729	Face masks--cosmetic	7299	Flashlights
773	Face shields, welding masks (protective equipment)	113	Flasks, bottles, jugs
4824	Fan (vehicle engine parts and accessories)	52*	Flavorings (food)
3312	Fans, blowers--wall, floor, ceiling, ventilation	3431	Floating cranes
118	Farm storage tanks	935	Flood
853	Farm tractors	7241	Floor buffers
421*	Fasteners	221	Floor coverings, nonstructural
42*	Fasteners, connectors, ropes, ties	6221	Floor of building
429	Fasteners, connectors, ropes, ties, n.e.c.	6222	Floor of elevator car
420	Fasteners, connectors, ropes, ties, unspecified	6221	Floor of elevator shaft
4219	Fasteners, n.e.c.	6223	Floor of mine
4210	Fasteners, unspecified	6224	Floor of scaffold, staging, or temporary work platform
5291	Fats, oils	6225	Floor of vehicle
2429	Faucets	0739	Floor stripper
3623	FAX machines	4144	Floor tiles--vinyl
5112	Feathers	6229	Floor, n.e.c.
3192	Feed grinders, crushers, mixers--agricultural	6220	Floor, unspecified
3233	Feller-buncher, harvesters (logging and wood processing)	22*	Floor, wall, window coverings
471	Felt--roofing, roofing paper	229	Floor, wall, window coverings, n.e.c.
632	Fences, fence panels	220	Floor, wall, window coverings, unspecified
4191	Fencing and screening material, n.e.c.	4195	Flooring--sheet (building materials--solid elements)
0653	Fenthion (Baytex)	622*	Floors
0649	Fenuron	62*	Floors, walkways, ground surfaces
063	Ferban	6299	Floors, walkways, ground surfaces, n.e.c.
3133	Fertilizer spreaders	620	Floors, walkways, ground surfaces, unspecified
0649	Fertilizers mixed with plant foods and herbicides	786	Flotation devices
061	Fertilizers, plant food, n.e.c.	0113	Flouride--hydrogen
313*	Fertilizing, plowing, and planting machinery	115	Flower baskets
462	Fiberglass insulation	583	Flowers
9512	Fibers--glass	3797	Fluid power pumps
582	Field crops	0793	Fluid--mimeograph
7171	Files (nonpowered handtools)--wood, bastard, cabinet, detail, diamond, nail, needle, round, etc.	0311	Fluid--radiator
212	File cabinets	0793	Fluids--copying machine
949	File folders	0773	Fluids--dry cleaning, n.e.c.
3731	Filling, bottling, canning machinery	0149	Fluoboric acid
0793	Film developing solutions	0124	Fluoride--aqueous hydrogen
769	Film reels	0434	Fluoride--methyl
769	Film--photographic (motion picture, x-ray, still camera, etc.)	0431	Fluorine
3339	Filtering and purifying machinery--other	043*	Fluorine and fluorine compounds
741	Fire escape ladders	0439	Fluorine compounds, n.e.c.
9342	Fire gases, smoke	0430	Fluorine compounds, unspecified
122	Fire hoses	0921	Fluorine--liquid
7424	Fire truck ladders	066	Fluoroacetate--sodium
8259	Fire trucks	066	Fluoroacetates
9341	Fire, flame	0149	Fluoroacetic acid
934*	Fire, flame, smoke	0433	Fluorocarbons, n.e.c.
9340	Fire, flame, smoke, unspecified	0113	Fluorohydric acid gas
7939	Firearm, n.e.c.	3722	Fluoroscopic x-ray
7930	Firearm, unspecified	0149	Fluorosulfonic acid
793*	Firearms	0432	Fluorotrichloromethane
0754	Fireworks	7959	Flutes (musical instruments)
112	Firkins	099	Flux
513	Fish, shellfish	0213	Fluxing lime
887	Fishing boat--commercial, tugboat	799	Fly swatters
786	Fishing equipment	463	Foam caulking, foam insulation
4124	Fittings--pipe	9371	Fog
811*	Fixed wing aircraft (powered)	116	Foil-fiber cans
0793	Fixers--photographic	949	Folders, file
2*	Fixtures and furniture	231	Folding beds
431	Fixtures, load indicators (hoisting accessories)	233	Folding chairs
24*	Fixtures--other	236	Folding tables
242*	Fixtures--plumbing	371*	Food and beverage processing machinery--specialized
7124	Flails--hand-threshing	3719	Food and beverage processing machinery--specialized, n.e.c.
4152	Flake board	3710	Food and beverage processing machinery--specialized, unspecified
9341	Flame, fire	114	Food boxes
		116	Food cans
		529*	Food products (fresh or processed)--other

*Titles -not used for case coding

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520	Food products, unspecified	4417	Fuses, switchboards, switches (machine, tool, and electric parts)
52*	Food products--fresh or processed		
3711	Food slicers	231	Futons
3326	Food warmers, ranges, cooking ovens, grills, toasters		
789	Football equipment		
212	Footlockers		
3119	Forage choppers (agricultural)	115	Gambion baskets (unassembled)
759	Forceps (medical and surgical instruments)	3521	Gang drills
7141	Forceps--excluding medical	3432	Gantry cranes
3533	Forges (metal, woodworking, special material)	116	Garbage cans
3533	Forging machinery (metal, woodworking, special material)	3992	Garbage disposals
851*	Forklift	8259	Garbage trucks
8519	Forklift, n.e.c.	953	Garbage, trash
8510	Forklift, unspecified	31*	Garden and agricultural machinery
792	Forks (cooking and eating utensils)	7193	Garden fork (nonpowered handtools)
7193	Forks--pitch, sading, garden, manure, hay	122	Garden hoses, water hoses
0323	Formaldehyde	0653	Gardona
0324	Formalin	214	Garment racks, other racks
3744	Formers--paper production	3324	Gas and oil furnaces
0149	Formic acid	3592	Gas lasers (metal, woodworking, special material)
0323	Formic aldehyde	3794	Gas liquefying machinery
353*	Forming, molding, extruding, injecting machinery (metal, woodworking, special material)	3999	Gas meters
3235	Forwarder/yarder, skidder (logging and wood processing)	0941	Gas--blast furnace
512*	Fowl, birds	0752	Gas--flammable, unspecified
231	Frames--bed	0113	Gas--fluorohydric acid
7981	Frames--canvas (art supplies)	0112	Gas--hydrochloric acid
3324	Franklin stoves	0792	Gas--lacrimogenic
3314	Freezers, ice makers, refrigerators	0943	Gas--laughing
7959	French horns	0961	Gas--methane
0432	Freon	0962	Gas--mine
7125	Fret saws (nonpowered handtools)	0941	Gas--motor vehicle exhaust
4425	Friction clutches (machine and appliance parts)	082	Gas--natural
7121	Froes	0963	Gas--sewer
3223	Front end loaders	096*	Gas--sewer, mine gas, methane
524	Fruits, nuts, vegetables	0792	Gas--tear, mace
115	Fruit baskets	092*	Gases--cryogenic
3322	Frying and broiling equipment and appliances	9342	Gases--fire, smoke
117	Frying pans	011*	Gases--halogen acid
0842	Fuel--diesel, jet, gasoline	116	Gasoline cans
08*	Fuels--petroleum and products, coal, natural gas, n.e.c.	3797	Gasoline pumps
0941	Fuels--results of incomplete combustion of	0842	Gasoline, diesel fuel, jet fuel
05*	Fumes, particulates, trace elements, dusts, powders--metallic	633	Gates
0950	Fumes, unspecified plastic	7153	Gauges (nonpowered measuring handtools)--multi, dovetail, profile, marking, scoring, etc.
00	Fumes, unspecified	7162	Gavels (nonpowered striking handtools)
057	Fumes--welding or soldering, unspecified or n.e.c.	114	Gaylord boxes
062	Fumigants, n.e.c.	6489	Gazebos
532	Fungi	7149	Gear pullers (nonpowered handtools)
063	Fungicides	3529	Gear-cutting machinery (metal, woodworking, special material)
5113	Fur, wool	4426	Gears (machine and appliance parts)
0329	Furaldehyde (2-)	5124	Geese
0329	Furfural	0721	Gels--hair setting
0329	Furfuraldehyde	4412	Generators (machine, tool, and electric parts)
3324	Furnaces, heaters	7113	Gimlets (nonpowered handtools)
3533	Furnaces--blast, industrial (metal, woodworking, special material)	3454	Gin pole derricks
3324	Furnaces--domestic	629	Girders (structural elements)
3324	Furnaces--gas and oil	579	Girlfriends
23*	Furniture	9512	Glass chips or fibers
2*	Furniture and fixtures	7129	Glass cutters
29	Furniture and fixtures, n.e.c.	4193	Glass, window panes (building materials--solid elements)
20	Furniture and fixtures, unspecified	14*	Glasses--beverage, dishes, drinking cups
239	Furniture, n.e.c.	142	Glasses--beverage, drinking cups
230	Furniture, unspecified	922*	Glasses--eye, jewelry, and watches
0329	Furol	9221	Glasses--eye, sunglasses
4417	Fused cutouts	777	Glasses--safety, goggles (protective equipment)
0314	Fusel oil	8131	Glider, nonpowered (aircraft)
		799	Globes--geographical
		9211	Gloves, neckties, scarves, belts
		071	Glues, adhesives, n.e.c.
		0319	Glycerol
		0313	Glycol
		0313	Glycol alcohol
		0313	Glycol--ethylene

*Titles -not used for case coding

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0319	Glycol--propylene	049	Halogens and halogen compounds, n.e.c.
777	Goggles, safety glasses (protective equipment)	040	Halogens and halogen compounds, unspecified
159	Golf bags	3433	Hammerhead cranes
842	Golf cart, powered	3293	Hammers (construction, logging, and mining)--drop, pile
789	Golfing equipment	7161	Hammers (nonpowered handtools)--ball peen, meat, cabinetmakers, claw, tack, framers, etc.
7124	Gouges	7164	Hammers (nonpowered handtools)--sledge
9219	Gowns--nightgowns	7331	Hammers (power not determined)
3252	Graders, levellers, planers, scrapers (road grading and surfacing)	7231	Hammers (powered handtools)--air, electric, power
0312	Grain alcohol	7232	Hammers (powered handtools)--jack hammers, pile driving, steam
3427	Grain augers	7234	Hammers--electric riveting
525	Grain dust	231	Hammocks
525	Grains, grain mill products	114	Hampers--shipping
643	Grandstands, stadia	639	Hand rails
4113	Granite--slabs	7113	Hand drills (nonpowered handtools)
586	Grasses, shrubs	7242	Hand grinders--powered
4134	Grates (structural metal materials)	7173	Hand sanders (nonpowered handtools)
556	Gravel, sand	7125	Hand saws (nonpowered handtools)
341*	Gravity conveyors	7989	Hand stamps, seals (art supplies)
7199	Grease guns (nonpowered handtools)	861	Hand trucks
0844	Greases--lubricating, cutting oils	8512	Hand/rider forklift truck--motorized (forklift)
912	Grenades	15*	Handbags, luggage
3326	Grills (indoor/outdoor), toasters, food warmers, ranges, cooking ovens	152	Handbags, pocketbooks, wallets
7242	Grinders (powered handtools)--bench, waterstone, electric, wet/dry, pneumatic, snagging, etc.	639	Handrails
3541	Grinders, abraders (metal, woodworking, special material)	7142	Handscrews (nonpowered handtools)
3192	Grinders, crushers, mixers--feed (agricultural)	711*	Handtools--boring (nonpowered)
3713	Grinders--meat	71*	Handtools--nonpowered
354*	Grinding, polishing machinery (metal, woodworking, special material)	710	Handtools--nonpowered, unspecified
3549	Grinding, polishing machinery, n.e.c.	73*	Handtools--power not determined
3540	Grinding, polishing machinery, unspecified	730	Handtools--power not determined, unspecified
714*	Gripping handtools--nonpowered	72*	Handtools--powered
7149	Gripping handtools--nonpowered, n.e.c.	720	Handtools--powered, unspecified
7140	Gripping handtools--nonpowered, unspecified	861	Handtrucks
528	Groceries or multiple foods	774	Hard hats (protective equipment)
7124	Groovers	099	Hardener--potting compound
623	Ground	4197	Hardware--structural, n.e.c.
62*	Ground surfaces, floors, walkways	7959	Harmonicas
7121	Grub axes	775	Harnesses, safety belts, lifelines, lanyards (protective equipment)
6481	Guardrails, road dividers	7959	Harps (musical instruments)
7959	Guitars	7959	Harpsichords
7931	Gun--handgun, pistol, revolver	3131	Harrow (agricultural)
7932	Gun--rifle	3236	Harvester--mechanical (logging and wood processing)
7933	Gun--shotgun	3233	Harvesters, including feller-buncher, sheet (logging and wood processing)
7939	Gun--taser, stun, and electroshock	3113	Harvesters, reapers (agricultural)
0753	Gunpowder	311*	Harvesting and threshing machinery
7199	Guns--grease (nonpowered handtools)	3119	Harvesting and threshing machinery, n.e.c.
7262	Guns--soldering (powered handtools)	3110	Harvesting and threshing machinery, unspecified
7195	Guns--staple (nonpowered)	7121	Hatchets, axes
9327	Gusts, high winds	9213	Hats, caps
0653	Guthion	774	Hats--hard hats (protective equipment)
4194	Gutters, downspouts (building materials--solid elements)	7199	Hawks (mortar holders)
3455	Guy derricks	131	Hay bales
153	Gym bags	7193	Hay fork (nonpowered handtools)
782	Gymnasium and exercise equipment	3123	Hay mowers, haying machines
		231	Headboards (furniture)
		794	Health care and orthopedic equipment, n.e.c.
		573	Health care patient or resident of health care facility
		772	Hearing protectors and earplugs
7124	Hacks	9362	Heat--environmental
3335	Hair and hand dryers	3324	Heaters, furnaces
0721	Hair conditioners, dyes, perming solutions, preparations, rinses, setting gels, sprays, straighteners	3324	Heaters--solar, space, hot-water
7121	Halberds	332*	Heating and cooking machinery and appliances
011*	Halogen acid gases	3329	Heating and cooking machinery and appliances, n.e.c.
048	Halogen compounds--multiple		
04*	Halogens and halogen compounds		

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*Titles -not used for case coding

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3320	Heating and cooking machinery and appliances, unspecified	584	Houseplants
726*	Heating and welding handtools--powered	129	Housings--pressure
0843	Heating oil, kerosene	8122	Hovercraft
3324	Heating units	3313	Humidifiers, dehumidifiers, vaporizers
33*	Heating, cooling, and cleaning machinery and appliances	331*	Humidifying and cooling machinery and appliances
339	Heating, cooling, and cleaning machinery and appliances, n.e.c.	7124	Hunting knives
330	Heating, cooling, and cleaning machinery and appliances, unspecified	9377	Hurricane, typhoon, tornado
8121	Helicopters	6482	Hydrants
0922	Helium--liquid	0312	Hydrate--ethyl
0652	Heptachlor	0391	Hydrazine
0649	Herbicide--crag	0342	Hydride--phenyl
064*	Herbicides	0121	Hydriodic acid
0649	Herbicides mixed with plant foods and fertilizers	0114	Hydriodic acid gas
0649	Herbicides, n.e.c.	0122	Hydrobromic acid
0640	Herbicides, unspecified	03*	Hydrocarbon derivatives and aromatics, except halogenated
0643	Herbicides--carbamate and thiocarbamate	038	Hydrocarbon derivatives and aromatics--multiple, except halogenated, n.e.c.
0652	Hexachloride--benzene (BHC)	0391	Hydrocarbons--nitro
0149	Hexafluorophosphoric acid	0123	Hydrochloric acid
0149	Hexanoic acid	0112	Hydrochloric acid gas
0364	Hexanone (2-)	0144	Hydrocyanic acid
3326	Hibachi	0124	Hydrofluoric acid
5114	Hides--leather	0113	Hydrofluoric acid gas
233	High chairs	0149	Hydrofluorosilicic acid
9311	High pressure	0111	Hydrogen bromide
9372	High winds, gusts	0112	Hydrogen chloride
825*	Highway trucks	0931	Hydrogen cyanide
82*	Highway vehicle, motorized	0113	Hydrogen fluoride
829	Highway vehicle, motorized, n.e.c.	0114	Hydrogen iodide
83*	Highway vehicle, nonmotorized	0372	Hydrogen peroxide
839	Highway vehicle, nonmotorized, n.e.c.	0972	Hydrogen sulfide
830	Highway vehicle, nonmotorized, unspecified	0923	Hydrogen--liquid
820	Highway vehicle, unspecified	0912	Hydroxide--ammonium
4197	Hinges (structural hardware)	0312	Hydroxide--ethyl
789	Hockey equipment	023	Hydroxide--lithium
7131	Hoes (nonpowered handtools)--garden, masons', grub, scuffle	024	Hydroxide--potassium, sodium
3438	Hoist systems--storage and retrieval	021*	Hydroxides--calcium
3461	Hoist--truck mounted bucket or basket	0139	Hypobromous acid
43*	Hoisting accessories	0131	Hypochlorous acid
439	Hoisting accessories, n.e.c.	751	Hypodermic needles, syringes
430	Hoisting accessories, unspecified	0139	Hypoiodous acid
344*	Hoists--overhead	0139	Hyponitrous acid
3441	Hoists--overhead, electric powered	0139	Hypophosphorous acid
3442	Hoists--overhead, manual	0139	Hyposulfurous acid
3443	Hoists--overhead, pneumatic powered		
3191	Homogenizers (milk processing)		
7174	Honing stones (nonpowered surfacing handtools)	3314	Ice makers, refrigerators, freezers
3542	Honing, polishing, lapping machinery (metal, woodworking, special material)	0799	Ice--melting salt
432	Hooks, shackles, magnets, clamshells (hoisting accessories)	789	Ice skates
118	Hoppers	7141	Ice tongs
3243	Horizontal boring machine (mining and drilling)	9373	Ice, sleet, snow
8311	Horse drawn carriage	0942	Ice--dry, carbon dioxide
5154	Horses	7252	Impact wrenches--powered
068	Horticultural and Agricultural chemicals--multiple	3993	Incinerators
122	Hoses	066	Indandiones
4822	Hoses, belts (vehicle engine parts and accessories)	85*	Industrial and plant vehicles, tractors (powered)
122	Hoses--metal, plastic, pneumatic, rubber	121	Industrial boilers
3533	Hot forging machinery (metal, woodworking, special material)	3533	Industrial furnaces (metal, woodworking, special material)
645	Hot tubs	3533	Industrial ovens (metal, woodworking, special material)
113	Hot-water bottles	53*	Infectious and parasitic agents
3324	Hot-water heaters	539	Infectious and parasitic agents, n.e.c.
791	Hourglasses	530	Infectious and parasitic agents, unspecified
		3531	Ingot molding machinery (metal, woodworking, special material)
		451	Ingots, bars, metal sheets (nonstructural metal materials)

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*Titles -not used for case coding

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742*	Ladders (movable)--extension, step, straight, folding, stiles, etc.	0925	Liquid oxygen
749	Ladders, n.e.c.	962*	Liquids
740	Ladders, unspecified	9629	Liquids, n.e.c.
7421	Ladders--extension	96*	Liquids, steam, vapors, n.e.c.
7424	Ladders--fire truck, utility truck, truck mounted, aerial ladder trams	0929	Liquified argon, krypton, neon, xenon
7422	Ladders--step	023	Lithium hydroxide
7423	Ladders--straight	0373	Lithium peroxide
236	Lamp stands	431	Load indicators, fixtures (hoisting accessories)
2411	Lamps	322*	Loaders
7124	Lances	3229	Loaders, n.e.c.
781	Lanterns--portable (recreation and athletic equipment)	3220	Loaders, unspecified
9211	Lanyards (identification badge)	3221	Loaders--bucket
775	Lanyards (lifeline, safety harness)	3222	Loaders--end
3542	Lapping, honing, polishing machinery (metal, woodworking, special material)	3223	Loaders--front end
3592	Laser cutting machinery (metal, woodworking, special material)	3234	Loaders--log, including heel boom (logging and wood processing)
4197	Latches (structural hardware)	6292	Loading docks, ramps, runways
355*	Lathes (metal, woodworking, special material)	786	Lobster traps
3559	Lathes, n.e.c.	115	Lobster pots
3550	Lathes, unspecified	7122	Lock cutters
779	Latex bandaids	215	Lockers
9211	Latex gloves	4197	Locks (structural hardware)--door
0943	Laughing gas	641	Locks, bridges, dams (structures)
924	Laundry (apparel and textiles)	7199	Locks--padlocks, combination
0149	Lauric acid	3234	Log loaders, including heel boom (logging and wood processing)
7129	Lawn edgers (nonpowered handtools)	323*	Logging and wood processing machinery--specialized
3129	Lawn mowers (nonpowered)--push	3239	Logging and wood processing machinery--specialized, n.e.c.
3121	Lawn mowers (powered)--nonriding, push	3230	Logging and wood processing machinery--specialized, unspecified
3122	Lawn mowers (powered)--riding	32*	Logging, mining, and construction machinery
0542	Lead acetate	587	Logs, trees
054*	Lead and lead compounds	639	Lolly column (structural elements)
0549	Lead and lead compounds, n.e.c.	235	Loungers, love seats
0540	Lead and lead compounds, unspecified	9312	Low pressure
0542	Lead arsenate	0844	Lubricating greases, cutting oils
0541	Lead oxide, dioxide	15*	Luggage, handbags
0541	Lead salts	159	Luggage, handbags, n.e.c.
0541	Lead soaps	150	Luggage, unspecified
0542	Lead--alkyl	8522	Lumber carrier (powered industrial carrier)
0541	Lead--inorganic compounds	415*	Lumber, wood
0542	Lead--organic compounds	4151	Lumber--dimensional (1x4, 2x4, etc.)
0542	Lead--tetraethyl, tetramethyl	024	Lye
7191	Leaf skimmers (nonpowered handtools)		
4422	Leather drives (machine and appliance parts)		
5114	Leather hides		
376*	Leather, textile, apparel production machinery		
7129	Letter-openers		
3252	Levellers, planers, scrapers, graders (road grading and surfacing)	0792	Mace, tear gas
7154	Levels (nonpowered measuring handtools)	7124	Machetes
786	Life preservers (water sports equipment)	442*	Machine and appliance parts
775	Lifelines, lanyards, safety belts or harnesses (protective equipment)	4429	Machine and appliance parts, n.e.c.
3466	Lifts--manlifts	4420	Machine and appliance parts, unspecified
2412	Light bulbs	4429	Machine doors
799	Lighters	44*	Machine, tool, and electric parts
241*	Lighting equipment	449	Machine, tool, and electric parts, n.e.c.
2419	Lighting equipment, n.e.c.	440	Machine, tool, and electric parts, unspecified
2410	Lighting equipment, unspecified	3*	Machinery
9374	Lightning	3321	Machinery and appliances--beverage heating and percolating
0213	Lime--burnt, fluxing, pebble, quick, slaked, unslaked, etc.	3322	Machinery and appliances--broiling and frying
0221	Limestone, calcium carbonate	3339	Machinery and appliances--filtering and purifying
821	Limousines	332*	Machinery and appliances--heating and cooking
0652	Lindane	33*	Machinery and appliances--heating, cooling, and cleaning
124	Lines--pressure, except hoses	331*	Machinery and appliances--humidifying and cooling
9219	Lingerie	3327	Machinery and appliances--steaming
221	Linoleum (except rolls)	333*	Machinery and appliances--washers, dryers, cleaning
7124	Linoleum knives		
0921	Liquid fluorine		
0922	Liquid helium		
0923	Liquid hydrogen		
0924	Liquid nitrogen		

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*Titles -not used for case coding

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372*	Machinery and equipment--medical, surgical, and x-ray	3534	Machinery--plastic injection molding (metal, woodworking, special material)
375*	Machinery and equipment--printing	3131	Machinery--plowing and cultivating
3722	Machinery and equipment--x-ray, magnetic resonance imaging (MRI's), and fluoroscope	313*	Machinery--plowing, planting, and fertilizing
3999	Machinery, n.e.c.	3593	Machinery--pressure fluid cutting
30	Machinery, unspecified	392	Machinery--product assembly, n.e.c.
31*	Machinery--agricultural and garden	3733	Machinery--product labeling
351*	Machinery--bending, rolling, shaping (metal, woodworking, special material)	325*	Machinery--road grading and surfacing
3751	Machinery--bindery	3253	Machinery--road linemarking
352*	Machinery--boring, drilling, planing, milling (metal, woodworking, special material)	3734	Machinery--sealing, stapling
3731	Machinery--bottling, canning, filling	3132	Machinery--seed planting
3191	Machinery--butter-making	3764	Machinery--sewing, stitching
3513	Machinery--calendering, rolling mills (metal, woodworking, special material)	37*	Machinery--special process
3531	Machinery--casting, ingot molding (metal, woodworking, special material)	3765	Machinery--spinning
3629	Machinery--coin-counting	3133	Machinery--spreading (agricultural)
32*	Machinery--construction, logging, and mining	357*	Machinery--stationary sawing (metal, woodworking, special material)
3191	Machinery--dairy and milk processing	3996	Machinery--street sweeping and cleaning
3792	Machinery--distilling and rectifying	3293	Machinery--tamping, pile drivers (construction, logging, and mining)
3793	Machinery--dyeing (except textile)	3761	Machinery--textile dyeing
3591	Machinery--electrochemical (ECM) (metal, woodworking, special material)	376*	Machinery--textile, apparel, leather production
3591	Machinery--electrochemical and discharge (EDM) (metal, woodworking, special material)	3754	Machinery--typesetting
3752	Machinery--engraving	3599	Machinery--ultrasonic (USM) (metal, woodworking, special material)
321*	Machinery--excavating	3766	Machinery--weaving
3532	Machinery--extruding (metal, woodworking, special material)	3621	Machines--automated teller
353*	Machinery--extruding, injecting, forming, molding (metal, woodworking, special material)	3511	Machines--bending, crimping (metal, woodworking, special material)
371*	Machinery--food and beverage processing	3622	Machines--calculating, cash registers
3533	Machinery--forging (metal, woodworking, special material)	3629	Machines--dictating
3794	Machinery--gas liquefying	3521	Machines--drilling (metal, woodworking, special material)
3529	Machinery--gear-cutting	3241	Machines--drilling, drilling augers (mining and drilling)
354*	Machinery--grinding, polishing (metal, woodworking, special material)	782	Machines--exercise, rowing, jogging (gymnasium and exercise equipment)
311*	Machinery--harvesting and threshing	3623	Machines--FAX
33*	Machinery--heating, cooling, and cleaning	3123	Machines--hay
3542	Machinery--honin, polishing, lapping (metal, woodworking, special material)	3624	Machines--mailing and metering
3762	Machinery--knitting	3523	Machines--milling, broaching (metal, woodworking, special material)
3592	Machinery--laser cutting (metal, woodworking, special material)	3529	Machines--nibbling
323*	Machinery--logging and wood processing	789	Machines--pinball, slot
34*	Machinery--material handling	3522	Machines--planing (metal, woodworking, special material)
35*	Machinery--metal, woodworking, and special material	3524	Machines--reaming, reamers
324*	Machinery--mining and drilling	3512	Machines--shearing (metal, woodworking, special material)
39*	Machinery--miscellaneous	358	Machines--threading and tapping (metal, woodworking, special material)
312*	Machinery--mowing	3214	Machines--trenching
36*	Machinery--office and business	3243	Machines--tunneling (mining and drilling)
362*	Machinery--office, banking, and retail	3998	Machines--vending
399*	Machinery--other	3999	Machines--voting
319*	Machinery--other agricultural and garden	3523	Machining centers (metal, woodworking, special material)
329*	Machinery--other construction, logging, and mining	94*	Magazines, books, paper
379*	Machinery--other special process	941	Magazines, catalogues, books, notebooks
373*	Machinery--packaging, bottling, wrapping	0565	Magnesium and magnesium compounds
3732	Machinery--packaging, wrapping, bundling	4413	Magnetic and electrolytic apparatus
3795	Machinery--paint mixing	432	Magnets, clamshells, hooks, shackles (hoisting accessories)
3796	Machinery--painting, priming, metal coating	111	Mail pouches
374*	Machinery--paper production	214	Mail-sorting racks
3763	Machinery--picking, carding, combing	3624	Mailing and metering machines
		114	Mailing cases
		114	Mailing crates
		132	Mailing packages, parcels
		0729	Make-up--cosmetic
		0653	Malathion

*Titles -not used for case coding

SOURCE CODE INDEX

7162	Mallets (nonpowered handtools)--printers', beechwood, rawhide, carver's, rubber, cocobolo, etc.	781	Mess kits (recreation and athletic equipment)
515*	Mammals, except humans	0139	Metaboric acid
5159	Mammals, n.e.c.	9513	Metal chips, particles
5150	Mammals, unspecified	099	Metal cleaning compounds, unspecified
7959	Mandolins	3796	Metal coating, painting, priming machinery
063	Maneb	45*	Metal materials--nonstructural
0566	Manganese	459	Metal materials--nonstructural, n.e.c.
0139	Manganic acid	450	Metal materials--nonstructural, unspecified
4139	Manhole covers	413*	Metal materials--structural
6443	Manholes, storm drains, sewers	541	Metal ores--nonradiating
3466	Manlifts	4123	Metal pipe, tubing
7193	Manure fork (nonpowered handtools)	099	Metal plating solutions, unspecified
3133	Manure spreaders	451	Metal sheets, ingots, bars--nonstructural
517	Manure, animal waste products	35*	Metal, woodworking, and special material machinery
4113	Marble--slabs, splashblocks	3599	Metal, woodworking, and special material machinery, n.e.c.
7959	Marimbas	350	Metal, woodworking, and special material machinery, unspecified
121	Marine boilers	4137	Metal--sheet (structural metal materials)
3219	Marine dredges, excavators	54*	Metallic minerals
7982	Markers (art supplies)--felt, soft tip	549	Metallic minerals, n.e.c.
7124	Marking knives	540	Metallic minerals, unspecified
0729	Masks--cosmetic	05*	Metallic particulates, trace elements, dusts, powders, fumes
786	Masks--diving	059	Metallic particulates, trace elements, dusts, powders, fumes, n.e.c.
771	Masks--dust (protective equipment)	050	Metallic particulates, trace elements, dusts, powders, fumes, unspecified
773	Masks--welding, face shields (protective equipment)	056*	Metallics and compounds--other
7124	Mat cutters	058	Metallics and metallic compounds--multiple
799	Matches--book	542*	Metals--radiating
34*	Material handling machinery	3551	Metalworking lathes
3499	Material handling machinery, n.e.c.	0139	Metaphosphoric acid
340	Material handling machinery, unspecified	0653	Metasystox
41*	Materials (solid elements)--building	3624	Metering and mailing machines
4*	Materials and Parts	769	Meters--exposure (photographic equipment)
45*	Materials--nonstructural metal	7156	Metersticks
7132	Mattocks (combination adz, pick, and axe)	0142	Methacrylic acid
231	Mattresses, beds, bedding	0961	Methane gas
789	Mattresses--air	096*	Methane, sewer gas, mine gas
7161	Mauls (nonpowered handtools)	0315	Methanol
0364	MBK	0315	Methyl alcohol
0641	MCPA	0323	Methyl aldehyde
0641	MCPB	0331	Methyl amine
715*	Measuring handtools--nonpowered	0413	Methyl bromide
7159	Measuring handtools--nonpowered, n.e.c.	0423	Methyl chloride
7150	Measuring handtools--nonpowered, unspecified	0352	Methyl ether
3713	Meat grinders	0354	Methyl ethyl ether
526	Meat, poultry	0363	Methyl ethyl ketone
3236	Mechanical harvester (logging and wood processing)	0434	Methyl fluoride
3241	Mechanical miners (mining and drilling)	0369	Methyl isobutyl ketone
75*	Medical and surgical instruments	0364	Methyl n-butyl ketone
759	Medical and surgical instruments, n.e.c.	0369	Methyl n-propyl ketone
750	Medical and surgical instruments, unspecified	0653	Methyl parathion
3721	Medical machinery and equipment, except x-ray	0341	Methyl yellow
372*	Medical, surgical, and x-ray machinery and equipment	0312	Methylated spirit
3729	Medical, surgical, and x-ray machinery and equipment, n.e.c.	0343	Methylbenzene
3720	Medical, surgical, and X-ray machinery and equipment, unspecified	0343	Methylbenzol
113	Medicine bottles	0429	Methylene chloride
212	Medicine cabinets	0323	Methylene oxide
0743	Medicines	0641	Methylphenoxyacetic acid (4-chloro-2-)
074*	Medicines, drugs, alcohol	0139	Metsilic acid
0748	Medicines, drugs--multiple	0653	Mevinphos
0363	MEK	3619	Mice - electronic equipment
118	Melting pots	7151	Micrometers, calipers
063	Mercurials--organic	3326	Microwave ovens
055	Mercury and compounds	532	Mildew
0362	Mesityl oxide	113	Milk bottles
		116	Milk cans
		115	Milk pails
		3191	Milk processing and dairy machinery--specialized
		112	Milk shipping containers

*Titles -not used for case coding

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114	Milk, ice cream cartons	3251	Mortar and asphalt spreaders (road grading and surfacing)
3191	Milking machines	7199	Mortar holders, hawks
3523	Milling machines (metal, woodworking, special material)	0211	Mortar mix, cement--dry
352*	Milling, boring, drilling, planing machinery (metal, woodworking, special material)	0213	Mortar mix, cement--wet
3513	Mills--rolling, calendaring machinery (metal, woodworking, special material)	824	Motor home, recreational vehicle
0793	Mimeograph fluid	0941	Motor vehicle exhaust gas
6223	Mine floor	884	Motorboat, yachts
0962	Mine gas	823	Motorcycle, moped (motorized highway vehicle)
096*	Mine gas, sewer gas, methane	849	Motorized scooters (except mobility scooters)
3291	Mineral agitators, mixers (construction, logging, and mining)	4414	Motors (machine, tool, and electric parts)
3292	Mineral compactors, crushers, pulverizers (construction, logging, and mining)	83*	Mountain bicycle
3249	Mineral property analyzers (mining and drilling)	0721	Mousses--hair
3242	Mineral sorters, separators, concentrators (mining and drilling)	7959	Mouthpieces--musical instrument
0771	Mineral spirits	7429	Movable ladders, n.e.c.
5*	Minerals, persons, plants, and animals	7420	Movable ladders, unspecified
54*	Minerals--metallic	769	Movie screens
55*	Minerals--nonmetallic, except fuel	6293	Moving walkways
3241	Miners--continuous, mechanical (mining and drilling)	3129	Mowers--nonpowered push
912	Mines	3121	Mowers--nonriding, powered lawn
644*	Mines, caves, tunnels	3122	Mowers--riding lawn
6449	Mines, caves, tunnels, n.e.c.	3123	Mowers--tractor, hay, brush hogs
6440	Mines, caves, tunnels, unspecified	312*	Mowing machinery
6441	Mines, mine tunnels	3129	Mowing machinery, n.e.c.
324*	Mining and drilling machinery	3120	Mowing machinery, unspecified
3249	Mining and drilling machinery, n.e.c.	3722	MRI's (magnetic resonance imaging), x-ray, and fluoroscope machinery and equipment
3240	Mining and drilling machinery, unspecified	932	Mud slide, avalanche
32*	Mining, construction, and logging machinery	4825	Muffler, exhaust (vehicle engine parts and accessories)
322	Miniloader	7174	Multi-stones (nonpowered surfacing handtools)
826	Minivans	018	Multiple acids
0652	Mirex	068	Multiple agricultural and horticultural chemicals
39*	Miscellaneous machinery	028	Multiple alkalies
912	Missiles	0918	Multiple ammonia and ammonium compounds
7199	Miter boxes	038	Multiple aromatics and hydrocarbon derivatives, except halogenated, n.e.c.
3291	Mixers, agitators--earth, mineral (construction, logging, and mining)	098*	Multiple chemicals or chemical mixtures, n.e.c.
3714	Mixers, blenders, whippers--food and beverage	0980	Multiple chemicals or chemical mixtures, unspecified
3192	Mixers, grinders, crushers--feed (agricultural)	0738	Multiple cleaning and polishing agents
3291	Mixers--cement (except trucks)	0938	Multiple cyanides
098*	Mixtures of chemicals--multiple, n.e.c.	0748	Multiple drugs, medicines
0649	Mixtures of plant foods and fertilizers with herbicides	528	Multiple foods or groceries
48*	Mobile equipment and vehicle parts	048	Multiple halogens and halogen compounds
3434	Mobile, truck, rail mounted cranes	0658	Multiple insecticides
797	Mobility scooters (wheelchairs)	058	Multiple metallics and metallic compounds
0341	Moca	0948	Multiple oxygen and oxygen compounds
532	Mold	0768	Multiple paint, lacquer, shellac, or varnishes
7214	Molders and routers (powered handtools)	0778	Multiple solvents, degreasers
3531	Molding machinery (except plastic)	0978	Multiple sulfur and sulfur compounds
353*	Molding, extruding, injecting, forming machinery (metal, woodworking, special material)	0429	Muriate of potash
4421	Molds, patterns, dies (machine and appliance parts)	0123	Muriatic acid
452	Molten or hot metals, slag (nonstructural metal materials)	7959	Musical instrument accessories (e.g. reeds, mouthpieces, stands, traps)
0149	Monofluorophosphoric acid	159	Musical instrument cases
0432	Monofluorotrichloromethane	7950	Musical instrument, unspecified
0959	Monomer, n.e.c.	795*	Musical instruments
0954	Monomer--polyvinyl chloride, vinyl chloride	7959	Musical instruments--electronic, except pianos
3435	Monorail and underhung cranes	7959	Musical instruments--non-electronic, except pianos
871	Monorail rides (amusement park rail vehicle)		
0941	Monoxide--carbon	0319	n-butyl alcohol
0649	Monuron	0316	n-propyl alcohol
823	Moped, motorcycle (motorized highway vehicle)	063	Nabam
7191	Mops, brooms, and other cleaning tools		

N

*Titles -not used for case coding

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7129	Nail clippers	7959	Ocarinas
7291	Nail guns (powered handtools)--air, electric, gunpowder activated, etc.	7959	Octophones (musical instruments)
7192	Nail pullers (nonpowered handtools)	3629	Office and banking machinery, n.e.c.
716*	Nailing and striking handtools (nonpowered)	3620	Office and banking machinery, unspecified
733*	Nailing and striking handtools (power not determined)	36*	Office and business machinery
723*	Nailing and striking handtools (powered)	360	Office and business machinery, unspecified
4212	Nails, brads, tacks	217	Office and store shelving
0653	Naled (Dibrom)	212	Office cabinets
0341	Naphthylamine--alpha-, beta-	234	Office desks
0771	Naptha	216	Office partitions
0771	Naptha solvents	362*	Office, banking, and retail machinery
0771	Naptha--cleaners'	84*	Offroad vehicle, nonindustrial
0342	Naptha--coal	849	Offroad vehicle, nonindustrial, n.e.c.
0771	Napthalene	840	Offroad vehicle, nonindustrial, unspecified
082	Natural gas	116	Oil cans
08*	Natural gas, coal, petroleum fuels and products, n.e.c.	112	Oil drums
9211	Neckties, scarves, belts, gloves	118	Oil storage tanks
751	Needles and syringes (medical and surgical instruments)	3797	Oil well pumps
751	Needles--hypodermic, suture (medical and surgical instruments)	083	Oil--crude, petroleum
7962	Needles--sewing	0844	Oil--cutting, lubricating greases
0929	Neon--liquified	0314	Oil--fusel
114	Newsboard boxes	0843	Oil--heating, kerosene
3529	Nibbling machines (metal, woodworking, special material)	5291	Oils, fats
7983	Nibs (art supplies)	7174	Oilstone (nonpowered surfacing handtools)
0567	Nickel and nickel compounds	0149	Oleic acid
0659	Nicotine	7129	Openers--letter
9219	Nightgowns, nightshirts	236	Operating tables
7169	Nightsticks (nonpowered striking handtools)	3614	Optical scanners
7141	Nippers	8513	Order picker high lift truck (forklift)
0913	Nitrate--ammonium	541	Ores--nonradiating metal
0132	Nitric acid	014*	Organic acids
0943	Nitric oxide	0149	Organic acids, n.e.c.
0391	Nitro hydrocarbons	0140	Organic acids, unspecified
0391	Nitrobenzene	0542	Organic lead compounds
0391	Nitrobiphenyl (4-)	063	Organic mercurials (used in seed dressing)
0391	Nitroethane	0652	Organochlorine compounds
0391	Nitrogen compounds--aliphatic and organic	0653	Organophosphorus compounds, organophosphates
0943	Nitrogen dioxide	7959	Organs (musical instruments)
0943	Nitrogen oxides	4111	Ornamental, decorative paving blocks
0943	Nitrogen trioxide	0139	Orthoboric acid
0924	Nitrogen--liquid	794	Orthopedic and health care equipment, n.e.c.
0943	Nitrogen--other oxides of	794	Orthopedic braces (health care and orthopedic equipment)
0149	Nitrohydrochloric acid	0139	Orthoperiodic acid
0391	Nitropropane (2-)	0139	Orthosilicic acid
0139	Nitrous acid	0139	Orthotelluric acid
0943	Nitrous oxide	3190	Other agricultural and garden machinery, unspecified
0146	Nitroxanthic acid	4190	Other building materials--solid elements, unspecified
0139	Nitroxyl acid	0790	Other chemical products, unspecified
9391	Noise	3290	Other construction, logging, and mining machinery, unspecified
033*	Nonaromatic amines	240	Other fixtures, unspecified
0339	Nonaromatic amines, n.e.c.	6290	Other floors, walkways, ground surfaces, unspecified
0330	Nonaromatic amines, unspecified	7190	Other handtools--nonpowered, unspecified
9999	Nonclassifiable	7290	Other handtools--powered, unspecified
55*	Nonmetallic minerals, except fuel	3990	Other machinery, unspecified
559	Nonmetallic minerals, except fuel, n.e.c.	9*	Other Sources
550	Nonmetallic minerals, except fuel, unspecified	98	Other sources, n.e.c.
71*	Nonpowered handtools	3790	Other special process machinery, unspecified
786	Nose plugs	630	Other structural elements, unspecified
941	Notebooks, magazines, catalogues, books	6480	Other structures, unspecified
423	Nozzles, valves	235	Ottomans
7169	Numchuks (nonpowered striking handtools)	0733	Oven and drain cleaners
7149	Nutcrackers (nonpowered handtools)		
4213	Nuts, bolts, washers		
524	Nuts, vegetables, fruits		

O

586	Oak--poison
7959	Oboes

*Titles -not used for case coding

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3326	Ovens--cooking, ranges, grills, toasters, food warmers	3796	Painting, priming, metal coating machinery
3533	Ovens--industrial (metal, woodworking, special material)	9219	Pajamas
3326	Ovens--kitchen, cooking, microwave	7124	Palette knives
3436	Overhead cranes	851*	Pallet jacks—motorized (forklift)
344*	Overhead hoists	861	Pallet jacks--nonpowered
3449	Overhead hoists, n.e.c.	8514	Pallet lift truck--motorized (forklift)
3440	Overhead hoists, unspecified	16	Pallets, skids
3441	Overhead hoists--electric powered	0149	Palmitic acid
3442	Overhead hoists--manual	3425	Pan conveyors
3443	Overhead hoists--pneumatic powered	4152	Paneling--wood, plywood; particle, chip, flake board
153	Overnight bags	222	Panels--acoustic wall
0149	Oxalic acid	632	Panels--fence, fences
0351	Oxide--ethyl, diethyl	4135	Panels--metal, plates (structural metal materials)
0353	Oxide--ethylene, dimethylene	117	Pans, trays, pots
0541	Oxide--lead	117	Pans--baking, dust, kitchen, etc.
0362	Oxide--mesityl	7159	Pantographs
0323	Oxide--methylene	9212	Pants, shirts, dresses, skirts, blouses
0943	Oxide--nitric, nitrous	762	Paper and cloth--photographic
0943	Oxides of nitrogen--other	7129	Paper cutters (nonpowered handtools)
021*	Oxides--calcium	132	Paper packages, parcels
0943	Oxides--nitrogen	374*	Paper production machinery
0353	Oxirane	3749	Paper production machinery, n.e.c.
0323	Oxomethane	3740	Paper production machinery, unspecified
3594	Oxyacetylene torch (metal, woodworking, special material)	133	Paper rolls
0131	Oxyacids--contained in chlorine	94*	Paper, books, magazines
9399	Oxygen deficiency	949	Paper, books, magazines, n.e.c.
094*	Oxygen and oxygen compounds, n.e.c.	940	Paper, books, magazines, unspecified
0940	Oxygen and oxygen compounds, unspecified	942	Paper, sheets
0948	Oxygen and oxygen compounds--multiple	471	Paper--roofing, roofing felt
123	Oxygen tanks	7173	Paper--sand
0925	Oxygen--liquid	7129	Paper-hole punchers
0944	Oxygen--nonliquified	0959	PAPI (polyphenyl isocyanate)
0323	Oxymethylene	8132	Parachute
7141	Oyster tongs	0642	Paraquat
0945	Ozones	53*	Parasitic and infectious agents
		0653	Parathion
		0653	Parathion--methyl
		132	Parcels, packages
		232	Park benches
		628	Parking lots
		4152	Particle board
		951*	Particles, splinters, chips
		9511	Particles--dirt
		9513	Particles--metal
		05*	Particulates, trace elements, dusts, powders, fumes--metallic
		216	Partitions
		216	Partitions--room
		4*	Parts and Materials
		49*	Parts and materials, n.e.c.
		40	Parts and materials, unspecified
		769	Parts--camera
		441*	Parts--electric
		442*	Parts--machine and appliance
		44*	Parts--machine, tool, and electric
		443*	Parts--tool
		48*	Parts--vehicle and mobile equipment
		482*	Parts--vehicle engine
		7982	Pastels (art supplies)
		3191	Pasteurizers (milk processing)
		464	Patching compounds, joint compound
		344*	Patient hoists and lifts
		624	Paths, outdoor walkways, sidewalks
		4111	Pavers and bricks
		3254	Pavers--road, steam rollers
		0426	PCBs (polychlorinated biphenyls)
		024	Pearl ash
		7199	Peavies--log handling
		0213	Pebble lime
		6442	Pedestrian tunnels
		7124	Peelers—potato
		913	Pellets
		7983	Pencils--colored, lead, mechanical, etc.
		7983	Pens--ball-point, fountain, meter, etc.

P

340	Package conveyor		
132	Packages, parcels		
373*	Packaging, bottling, wrapping machinery		
3739	Packaging, bottling, wrapping machinery, n.e.c.		
3730	Packaging, bottling, wrapping machinery, unspecified		
3732	Packaging, wrapping, bundling machinery		
111	Packets		
113	Packing bottles, packing jugs, etc.		
116	Packing cans		
781	Packs--back (recreation and athletic equipment)		
7199	Padlocks		
7173	Pads--abrasive		
7989	Pads--ink (art supplies)		
7179	Pads--scouring		
115	Pails, buckets, baskets		
115	Pails--milk		
0762	Paint		
7199	Paint brushes		
3795	Paint mixing machinery		
0772	Paint removers, thinners		
7199	Paint rollers		
7179	Paint scrapers (nonpowered surfacing handtools)		
7294	Paint sprayers (powered handtools)		
7199	Paint sticks		
0768	Paint, lacquer, shellac, or varnishes--multiple		
076*	Paint, lacquer, shellac, varnish, n.e.c.		
0760	Paint, lacquer, shellac, varnish, unspecified		

*Titles -not used for case coding

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0424	Pentachlorophenol (chlorine and chlorine compounds)	762	Photographic paper and cloth--blueprint, brownprint, diazo
0645	Pentachlorophenol (phenols)	769	Photographic tanks
063	Pentachlorophenols (fungicides)	0149	Phthalic acid
0943	Pentoxide--dinitrogen	794	Physical therapy equipment
0319	Pentyl alcohols	7951	Pianos
0792	Pepper spray	7959	Piccolos
0145	Peracetic acid	7132	Pick-axes (nonpowered handtools)
0131	Perchloric acid	3763	Picking, carding, combing machinery
0425	Perchloroethylene	7132	Picks (nonpowered handtools)--hand, ice, etc.
0139	Perchromic acid	8253	Pickup truck
3321	Percolating and beverage heating equipment and appliances	115	Picnic baskets
0149	Performic acid	0146	Picric acid
0139	Periodic acid	0146	Picronitric acid
0139	Permanganic acid	6291	Piers, wharfs
0721	Perming solutions--hair	3293	Pile drivers, tamping machinery (construction, logging, and mining)
0371	Peroxide--benzoyl	3294	Pile extractors (construction, logging, and mining)
0372	Peroxide--hydrogen		
0373	Peroxide--lithium	3293	Pile hammers (construction, logging, and mining)
0374	Peroxide--potassium	3437	Pillar, portal, tower cranes
0375	Peroxide--sodium	7113	Pin vises
037*	Peroxides	789	Pinball machines
0379	Peroxides, n.e.c.	7141	Pincers (nonpowered handtools)
0370	Peroxides, unspecified	7192	Pinch bars (large crowbars)
0139	Perrhenic acid	7961	Pins--fabric, safety (sewing notions)
571	Person--bodily fluids or substances of	792	Pins--rolling (cooking and eating utensils)
56*	Person--injured or ill worker	4125	Pipe and tubing--plastic or rubber
57*	Person--other than injured or ill worker	4124	Pipe fittings
570	Person--other than injured or ill worker, unspecified	4121	Pipes and conduits--concrete or clay
5*	Persons, Plants, Animals, and Minerals	412*	Pipes, ducts, tubing
59	Persons, plants, animals, and minerals, n.e.c.	4129	Pipes, ducts, tubing, n.e.c.
0149	Persulfuric acid	4120	Pipes, ducts, tubing, unspecified
0139	Pertechnic acid	799	Pipes--tobacco
06*	Pesticides--other, agricultural chemicals	7931	Pistol, handgun, revolver
0771	Petroleum ether	115	Pitchers
08*	Petroleum fuels and products, coal, natural gas, n.e.c.	7193	Pitchforks, sading forks
084*	Petroleum fuels, distillates, products, n.e.c.	066	Pival (Pivalyn)
0840	Petroleum fuels, distillates, products, unspecified	3252	Planers, scrapers, graders, levellers (road grading and surfacing)
083	Petroleum, crude oil	7172	Planes (nonpowered surfacing handtools)--jointer, bench, rabbet, block, router, bullnose, scraping, butt mortise, etc.
232	Pews		
0342	Phene	3522	Planing machines (metal, woodworking, special material)
0143	Phenol		
0146	Phenol trinitrate	352*	Planing, milling, boring, drilling machinery (metal, woodworking, special material)
0645	Phenols		
0342	Phenyl hydride	859	Plant and industrial powered vehicle, n.e.c.
0149	Phenylacetic acid	85*	Plant and industrial powered vehicles, tractors
0641	Phenylacetic and benzoic acids	850	Plant and industrial powered vehicles, unspecified
0343	Phenylmethane		
0149	Phenylstearic acid	86*	Plant and industrial vehicle--nonpowered
0653	Phenylsulphtion	869	Plant and industrial vehicle--nonpowered, n.e.c.
0653	Phorate	860	Plant and industrial vehicle--nonpowered, unspecified
0653	Phosdrin	0649	Plant foods mixed with fertilizers and herbicides
0429	Phosgene	313*	Planting, fertilizing, and plowing machinery
066	Phosphide--zinc	5*	Plants, animals, minerals, and persons
099	Phosphine	580	Plants, trees, vegetation, unspecified
0133	Phosphoric acid	58*	Plants, trees, vegetation--not processed
0982	Phosphoric acid and chlorine--mixture	589	Plants, trees, vegetation--not processed, n.e.c.
0139	Phosphorous acid	584	Plants--houseplants
3625	Photocopiers	3594	Plasma arch torch (metal, woodworking, special material)
0793	Photographic and copying solutions		
769	Photographic and graphic arts plates	3532	Plastic extruders (metal, woodworking, special material)
0793	Photographic chemicals		
76*	Photographic equipment	0950	Plastic fumes, unspecified
769	Photographic equipment, n.e.c.		
760	Photographic equipment, unspecified		
769	Photographic film--motion picture, x-ray, still camera, special purpose		

*Titles -not used for case coding

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3534	Plastic injection molding machinery (metal, woodworking, special material)	781	Portable stoves (recreation and athletic equipment)
4125	Plastic or rubber pipe and tubing	3437	Portal, tower, pillar cranes
465	Plastic, vinyl caulking	151	Portfolios
095*	Plastics, resins	7139	Post hole diggers (nonpowered handtools)
0959	Plastics, resins, n.e.c.	024	Potash--caustic, white
0950	Plastics, unspecified	061	Potash--muriate of
0950	Plastics, unspecified	0414	Potassium bromide
7299	Plate joiners (powered handtools)	024	Potassium carbonate
4135	Plates, metal panels (structural metal materials)	0429	Potassium chloride
769	Plates--photographic and graphic arts	024	Potassium hydroxide
8515	Platform lift truck--high or low lift (forklift)	0374	Potassium peroxide
6224	Platform--temporary work floor	7124	Potato peelers
099	Plating solutions--metal, unspecified	3324	Potbellied stoves
783	Play sets--outdoor (playground equipment)	117	Pots, pans, trays
783	Playground equipment	117	Pots--kitchen
7141	Pliers, tongs (nonpowered handtools)	115	Pots--lobster
7122	Pliers--cutting	118	Pots--melting
3615	Plotters and printers--computer	099	Potting compound hardener
3131	Plowing and cultivating machinery	152	Pouches--cosmetic
313*	Plowing, planting, and fertilizing machinery	111	Pouches--mail
3139	Plowing, planting, and fertilizing machinery, n.e.c.	526	Poultry, meat
3130	Plowing, planting, and fertilizing machinery, unspecified	05*	Powders, particulates, trace elements, dusts, fumes--metallic
3131	Plows (agricultural)	0735	Powders--scouring
3995	Plows--snow	121	Power boilers
7155	Plumb bobs (nonpowered measuring handtools)	7231	Power hammers
242*	Plumbing fixtures	853	Power take-offs, (PTOs (tractor)
2429	Plumbing fixtures, n.e.c.	4415	Power lines, transformers, convertors
2420	Plumbing fixtures, unspecified	72*	Powered handtools
612	Plumbing system	852*	Powered industrial carrier, except forklifts
7155	Plumbs (nonpowered measuring handtools)	8529	Powered industrial carrier, n.e.c.
5421	Plutonium	8520	Powered industrial carrier, unspecified
4152	Plywood, wood paneling; particle, chip, flake board	4113	Preformed sidewalk slabs
066	PMP	3323	Pressers--fabric, ironing appliances
3426	Pneumatic conveyors	356*	Presses, except printing (metal, woodworking, special material)
122	Pneumatic hoses	3569	Presses, except printing, n.e.c.
7124	Pocket knives	3560	Presses, except printing, unspecified
152	Pocketbooks, wallets, handbags	3561	Presses--assembly (metal, woodworking, special material)
7291	Point drivers (powered handtools)	3562	Presses--brake (metal, woodworking, special material)
585	Poison ivy, oak, sumac	3521	Presses--drill (metal, woodworking, special material)
7121	Poleaxes	3753	Presses--printing
647	Poles, towers	3563	Presses--punch (metal, woodworking, special material)
7169	Police batons, nightsticks	9311	Pressure (air)--high
7241	Polishers--powered	9312	Pressure (air)--low
0734	Polishes	129	Pressure cylinders
073*	Polishing and cleaning agents, disinfectants, n.e.c.	3593	Pressure fluid cutting machinery (metal, woodworking, special material)
0738	Polishing and cleaning agents--multiple	129	Pressure gas tanks
0739	Polishing and cleaning agents--other	129	Pressure housings
7241	Polishing heads	124	Pressure lines, except hoses
354*	Polishing, grinding machinery (metal, woodworking, special material)	121	Pressure stills
3542	Polishing, lapping, honing machinery (metal, woodworking, special material)	931*	Pressure--air
589	Pollen	98	Pressurized air (blast of)
0142	Polyacrylic acid	3796	Priming, metal coating, painting machinery
0426	Polychlorinated biphenyls (PCBs)	3615	Printers and plotters--computer
0959	Polymer	375*	Printing machinery and equipment
0142	Polymethacrylic acid	3759	Printing machinery and equipment, n.e.c.
0959	Polypropylene	3750	Printing machinery and equipment, unspecified
0959	Polystyrene	3753	Printing presses
0953	Polyurethane	392	Product assembly machinery, n.e.c.
0959	Polyvinyl acetate	3733	Product labeling machinery
0954	Polyvinyl chloride monomer	393	Product testing, inspecting, and diagnostic machinery, n.e.c.
0954	Polyvinyl chloride, vinyl chloride	763	Projectors--still and motion picture, cinema, slide, home movie, etc.
645	Pools	0845	Propane
781	Portable coolers (recreation and athletic equipment)		
781	Portable lanterns (recreation and athletic equipment)		

*Titles -not used for case coding

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125	Propane tanks	0311	Radiator coolant, fluid
7263	Propane torches (powered handtools)	3722	Radiographic x-ray
0316	Propanol	3911	Radios, stereos, and other audio equipment
0361	Propanone, propanone (2-)	5422	Radium
8112	Propeller-driven aircraft	882	Raft, canoe, kayak, rowboat
0322	Propenol	7191	Rags
0319	Propenyl alcohol	3434	Rail mounted, mobile, truck cranes
0329	Propionaldehyde	87*	Rail vehicle
0149	Propionic acid	879	Rail vehicle, n.e.c.
0651	Propoxur	870	Rail vehicle, unspecified
0364	Propyl acetone	871	Rail vehicle--amusement park, monorail rides, roller coasters, etc.
0314	Propyl alcohol		Rails (structural metal materials)
0339	Propyl amine	4136	Rain
0319	Propylene glycol	9375	Rakes (nonpowered handtools)--garden, swimming pool, leaf, etc.
77*	Protective equipment, except clothing	7194	Ram rods (cleaning rods)
779	Protective equipment, except clothing, n.e.c.		Ramps, runways, loading docks
770	Protective equipment, except clothing, unspecified	7191	Ranges, cooking ovens, grills, toasters, food warmers
7156	Protractors (nonpowered measuring handtools)	6292	Ranges--kitchen, cooking
7192	Prying bars, nail pullers (nonpowered handtools)	3326	Rasps (nonpowered handtools)--cabinet, keyway, needle, round, sculptor's, etc.
853	PTO, power take-off (tractor)	7171	Rasps (powered handtools)--rotary
7149	Pullers--wheel, gear, bearing (nonpowered handtools)	7249	Ratchet drills (nonpowered handtools)
4423	Pulleys, sheaves, drums (machine and appliance parts)	7113	Ratchet drivers (nonpowered turning handtools)
3292	Pulverizers, compactors, crushers--earth, mineral (construction, logging, and mining)	7181	Rats, rodents
7174	Pumice stone (nonpowered surfacing handtools)	5155	Razorblades
3797	Pump jacks	7129	Razors (nonpowered handtools)
3797	Pumps--centrifugal, gasoline, oil well, fluid power, water, sump, pump jacks	7129	Razors (powered handtools)--electric
3563	Punch presses (metal, woodworking, special material)	7229	Reach rider lift truck (forklift)
7163	Punches (nonpowered handtools)--belt, center	8516	Reamers (nonpowered handtools)
7332	Punches (power not determined)	7113	Reaming machines (metal, woodworking, special material)
7233	Punches (powered)	3524	Reapers, harvesters (agricultural)
7163	Punches, counterpunches, countersinks	3113	Rebar, bars, rods
3339	Purifying and filtering machinery--other	4132	Recliners
152	Purses	233	Recorders and players--video
7113	Push drills (nonpowered handtools)	3914	Recreation and athletic equipment
3129	Push mowers--nonpowered	78*	Recreation and athletic equipment, n.e.c.
7191	Pushbrooms	789	Recreation and athletic equipment, unspecified
7124	Pushknives	780	Recreational vehicle, motor home
7179	Putty knives (nonpowered surfacing handtools)	824	Rectifying and distilling machinery
0659	Pyrethrum	3792	Recycling densifier
0361	Pyroacetic ether	3599	Red fuming nitric acid (RFNA)
0329	Pyromucic aldehyde	0132	Reeds--musical instrument
0754	Pyrotechnics, fireworks	7959	Reels, rolls--banding, wire, steel wool, etc.
		133	Reels--film
		769	Refrigerant 11
		0432	Refrigerators, freezers, ice makers
		3314	Registers (furnaces, heaters)
		3324	Reins (riding goods and equipment)
		784	Relative of injured or ill worker
		574	Relays, rheostats, starters, controls (machine, tool, and electric parts)
		4416	Reptiles, snakes
		516	Resin--acrylic, epoxy, silicone
0213	Quick lime	0952	Resins
7983	Quills (art supplies)	0952	Resins, plastics
		095*	Respirators (protective equipment)
		776	Results of incomplete combustion of fuels
		0941	Retail, office, and banking machinery
		362*	Retractors (medical and surgical instruments)
		759	RFNA (red fuming nitric acid)
21*	Racks, shelves, cases, cabinets	0132	Rhenic acid
214	Racks--book and magazine, clothes, coat, display, garment, mail-sorting, etc.	0139	Rheostats, starters, controls, relays (machine, tool, and electric parts)
3521	Radial drills (metal, woodworking, special material)	4416	Riding goods and equipment
542*	Radiating metals, natural and processed	784	Rifflers (nonpowered surfacing handtools)
5429	Radiating metals, natural and processed, n.e.c.	7171	Rifle
5420	Radiating metals, natural and processed, unspecified	7932	
4826	Radiator (vehicle engine parts and accessories)		

*Titles -not used for case coding

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950	Scrap, waste, debris, unspecified	451	Sheets--metal, ingots, bars (nonstructural metal materials)
7124	Scrapers (used with lathes)		
3252	Scrapers, graders, levellers, planers (road grading and surfacing)		
7172	Scrapers--cabinet (nonpowered handtools)		
7179	Scrapers--paint (nonpowered surfacing handtools)		
4191	Screening and fencing material, n.e.c.		
769	Screens--movie		
7989	Screens--textile printing (art supplies)		
3427	Screw conveyors, auger conveyors		
7181	Screwdrivers (nonpowered turning handtools)--phillips head, straight tip, ratchet, etc.		
7351	Screwdrivers (power not determined)		
7253	Screwdrivers (powered)		
4215	Screws (fasteners)		
7125	Scroll saws (nonpowered handtools)		
7293	Scrubbers--powered		
786	Scuba diving equipment		
7124	Scythes		
527	Seafood		
46*	Sealants, caulking, insulating material, tars		
466	Sealants, waterproofers, n.e.c.		
3734	Sealing, stapling machinery		
0149	Sebacic acid		
0316	Secondary propyl alcohol		
3132	Seed planting machinery		
0139	Selenic acid		
8254	Semitrailer, tractor trailer, trailer truck		
3242	Separators, concentrators, sorters--mineral (mining and drilling)		
118	Septic tanks		
117	Serving trays		
0721	Setting gels--hair		
0651	Sevin (Carbaryl)		
952	Sewage		
0963	Sewer gas		
096*	Sewer gas, mine gas, methane		
0960	Sewer gas, mine gas, unspecified		
741	Sewer ladders		
4139	Sewer (manhole) covers		
6443	Sewers, manholes, storm drains		
7962	Sewing needles		
796*	Sewing notions, n.e.c.		
7969	Sewing notions, n.e.c.		
7960	Sewing notions, unspecified		
3764	Sewing, stitching machinery		
7159	Sextants (nonpowered measuring handtools)		
432	Shackles, magnets, clamshells, hooks (hoisting accessories)		
223	Shades--window, blinds, or draperies		
3119	Shakers--tree (agricultural)		
0737	Shampoos and detergents--synthetic		
0721	Shampoos--hair		
351*	Shaping, bending, rolling machinery (metal, woodworking, special material)		
7174	Sharpening stones and wheels (nonpowered handtools)		
7179	Sharpening straps (nonpowered surfacing handtools)		
7172	Shavehooks (nonpowered handtools)		
7124	Shavers (nonpowered woodworking handtools)		
3512	Shearing machines		
7126	Shears (nonpowered handtools)--hedge, pruning		
7229	Shears (powered handtools)		
4423	Sheaves, drums, pulleys (machine and appliance parts)		
5156	Sheep		
4195	Sheet flooring (building materials--solid elements)		
4137	Sheet metal (structural metal materials)		
47*	Sheeting and tarps--nonmetal		
472	Sheeting--plastic or fabric; tarps		
4198	Sheetrock (building materials--solid elements)		

*Titles -not used for case coding

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942	Sheets--paper	9214	Slippers, sandals, shoes, boots
0761	Shellac, lacquer, varnish	7174	Slipstones (nonpowered surfacing handtools)
0768	Shellac, paint, lacquer, or varnishes--multiple	3745	Slitters, winders--paper production
076*	Shellac, paint, lacquer, varnish, n.e.c.	115	Slop pails
513	Shellfish, fish	3428	Slot conveyors
5111	Shells, bones	789	Slot machines
21*	Shelves, cases, cabinets, racks	3533	Smelters (metal, woodworking, special material)
217	Shelving	9376	Smog
131	Shingle bales	9342	Smoke, fire gases, cigarette smoke
414*	Shingles, tiles	934*	Smoke, fire, flame
4143	Shingles--roof (except tile)	516	Snakes, reptiles
114	Shipping crates, hampers	7126	Snips--tin (nonpowered handtools)
112	Shipping drums	786	Snorkels (water sports equipment)
886	Ships--other than sail powered	3995	Snow plows
885	Ships--sailing, sailboat	785	Snow skiing goods and equipment
9212	Shirts, dresses, trousers, skirts, blouses	9373	Snow, sleet, ice
921*	Shoes and clothing	3994	Snowblowers
9214	Shoes, boots, slippers, sandals	843	Snowmobile
232	Shop benches	799	Soap dispensers
797	Shopping carts and scooters (motorized)	0736	Soap products
861	Shopping carts (nonmotorized)	0729	Soaps--beauty and cosmetic
913	Shot--pellets	0541	Soaps--lead
7933	Shotgun	789	Soccer equipment
152	Shoulder bags	7123	Socket slicks
7133	Shovels (nonpowered handtools)--hand, snow, etc.	0223	Soda ash
3213	Shovels--steam and power	024	Soda--caustic
212	Showcases	024	Sodium and potassium hydroxide, potassium carbonate
2429	Showers	0222	Sodium bicarbonate, baking soda
586	Shrubs, grasses	0223	Sodium carbonate, soda ash
7124	Sickles	0429	Sodium chloride
624	Sidewalks, paths, outdoor walkways	066	Sodium fluoroacetate
4196	Siding--aluminum, vinyl (building materials--solid elements)	024	Sodium hydroxide
6489	Signs	0375	Sodium peroxide
557	Silica	022*	Sodium, calcium carbonates
0959	Silicate--ethyl	235	Sofas, sofa beds
0952	Silicone resin	3324	Solar heaters
741	Silo ladders	7262	Soldering coppers
118	Silos	7262	Soldering guns (powered handtools)
0641	Silvex	7262	Soldering irons (powered handtools)
0646	Simazine	057	Soldering or welding fumes, unspecified or n.e.c.
8517	Single side loader rider truck (forklift)	7262	Soldering tools (powered handtools)
2422	Sinks	099	Solutions--metal plating, unspecified
7156	Size sticks	0793	Solutions--photographic and copying
789	Skateboards	0771	Solvent--stoddard
789	Skates--ice, roller	077*	Solvents, degreasers, n.e.c.
3499	Ski lifts	0770	Solvents, degreasers, unspecified
320	Skid steers, attachment unknown	0778	Solvents, degreasers--multiple
322	Skid steer loader	0771	Solvents--naptha
851*	Skid steers with forklift attachments	3242	Sorters, separators, concentrators--mineral (mining and drilling)
3238	Skidder--cable and grapple (logging and wood processing)	9*	Sources--other
16	Skids, pallets	98	Sources--other, n.e.c.
785	Skiing--snow equipment	3324	Space heaters
117	Skillets	7133	Spades (nonpowered handtools)
7191	Skimmers--leaf	7182	Spanners (nonpowered turning handtools)
786	Skin diving equipment	792	Spatulas (cooking and eating utensils)
9212	Skirts, blouses, shirts, dresses, trousers	7124	Spears
883	Skis--jet (water vehicle)	37*	Special process machinery
636	Skylights	3799	Special process machinery, n.e.c.
4113	Slabs or structural stones, n.e.c.	370	Special process machinery, unspecified
4113	Slabs--marble or granite	759	Speculums (medical and surgical instruments)
4113	Slabs--preformed sidewalk	514	Spiders, ticks, scorpions
0213	Slaked lime	4216	Spikes (fasteners)
3237	Slasher (logging and wood processing)	3765	Spinning machinery
7164	Sledges (nonpowered handtools)	7154	Spirit levels (nonpowered measuring handtools)
781	Sleeping bags (recreation and athletic equipment)	0312	Spirit of wine
9373	Sleet, snow, ice	0312	Spirit--cologne
3711	Slicers--food	0312	Spirit--methylated
7179	Slicks (nonpowered surfacing handtools)--cement smoothers	0771	Spirits--mineral
7123	Slicks--socket (chisels)	0315	Spirits--wood
783	Sliding boards (playground equipment)		
433	Slings (hoisting accessories)		
3254	Slip-form pavers		

*Titles -not used for case coding

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4113	Splashblocks--cut marble	121	Stills--pressure
951*	Splinters, particles, chips	799	Stilts
7172	Spokeshaves (nonpowered handtools)	3764	Stitching, sewing machinery
7191	Sponges	0771	Stoddard solvent
792	Spoons (cooking and eating utensils)	7174	Stone (nonpowered handtools)--corundum, pumice, slip, honing, multi, water, whetstone, oilstone, etc.
8259	Sport utility vehicles (SUV's)		
3594	Spot welding machinery (metal, woodworking, special material)	4142	Stone or ceramic tiles--drain, roof, multipurpose
574	Spouses, including estranged, former, and common law	555	Stone--crushed, rocks
7294	Sprayers--paint (powered handtools)	411*	Stone--structural, blocks, bricks
3193	Spraying and dusting machinery--agricultural	233	Stools--bar
0721	Sprays--hair	7422	Stools--step
3251	Spreaders--asphalt and mortar (road grading and surfacing)	0793	Stop baths--photographic
3133	Spreading machinery (agricultural)--fertilizer, manure	3438	Storage and retrieval hoist systems
7134	Spuds (combination trowel and chisel)	6443	Storm drains, pipes
7121	Spuds--bark	3326	Stoves--kitchen, cooking
799	Spurs--climbing	3326	Stoves--portable, camping
7157	Squares (nonpowered measuring handtools)--framing, speed, T-, combination, try, engineers, etc.)	3324	Stoves--potbellied, franklin
066	Squill and derivatives	8524	Straddle carrier (powered industrial carrier)
8523	Stacker carrier (powered industrial carrier)	8518	Straddle rider lift truck (forklift)
643	Stadia, grandstands	7156	Straight edges (nonpowered measuring handtools)
7169	Staffs (nonpowered striking handtools)	7423	Straight ladders
6224	Staging floor	4225	Strapping (banding, ties)
646*	Staging, scaffolds	7179	Straps--sharpening
625*	Stairs, steps	3996	Street sweeping and cleaning machinery
6250	Stairs, steps, unspecified	626	Street, road (surfaces)
6251	Stairs, steps indoors (uncompleted stairs, stringers and risers)	872	Streetcar, trolley
6252	Stairs, steps--outdoors	794	Stretchers (health care and orthopedic equipment)
7989	Stamps--hand (art supplies)	716*	Striking and nailing handtools--nonpowered
7989	Stamps--rubber (art supplies)	733*	Striking and nailing handtools--power not determined
764	Stands, tripods--camera	7339	Striking and nailing handtools--power not determined, n.e.c.
7959	Stands--musical instrument	7330	Striking and nailing handtools--power not determined, unspecified
7195	Staple guns (nonpowered handtools)	723*	Striking and nailing handtools--powered
7295	Staple guns (powered handtools)--electric, pneumatic, gunpowder activated, etc.	7169	Striking handtools--nonpowered, n.e.c.
7199	Staple removers (nonpowered handtools)	7160	Striking handtools--nonpowered, unspecified
7195	Staplers (nonpowered handtools)	7239	Striking handtools--powered, n.e.c.
7391	Staplers (power not determined)	7230	Striking handtools--powered, unspecified
4217	Staples (fasteners)	4224	String, rope, twine
7295	Stapling tools--electric or pneumatic	625*	Stringers, risers
7195	Stapling tools--nonpowered	0739	Stripper--floor, cleaning agent
3734	Stapling, sealing machinery	7179	Strops--bench (nonpowered surfacing handtools)
4416	Starters, controls, relays, rheostats (machine, tool, and electric parts)	639	Structural elements, n.e.c. (bannister, beams, column, girders, handrail, lolly column)
821	Station wagons (automobile)	63*	Structural elements--other
3521	Stationary drills (metal, woodworking, special material)	4197	Structural hardware, n.e.c.
357*	Stationary sawing machinery (metal, woodworking, special material)	413*	Structural metal materials
7169	Staves (nonpowered striking handtools)	4139	Structural metal materials, n.e.c.
7124	Steak knives	4130	Structural metal materials, unspecified
3213	Steam and power shovels	4113	Structural stones or slabs, n.e.c.
3254	Steam rollers, road pavers	64*	Structures
96*	Steam, vapors, liquids, n.e.c.	6*	Structures and Surfaces
961	Steam, vapors--nonchemical	69	Structures and surfaces, n.e.c.
3327	Steaming equipment and appliances	60	Structures and surfaces, unspecified
0149	Stearic acid	6489	Structures, n.e.c.
4139	Steel channel	640	Structures, unspecified
133	Steel wool reels	066	Strychnine
7989	Stencils (art supplies)	576	Student (CFOI only)
7422	Step ladders, step stools	579	Student (SOII only)
625*	Steps, stairs	7939	Stun guns
6251	Steps, stairs--indoors	873	Subway (rail vehicle)
6252	Steps, stairs--outdoors	6444	Subway and train tunnels
3911	Stereos, radios, and other audio equipment	3219	Suction dredges
7199	Sticks--paint	62*	Sufaces--ground, floors, walkways
7173	Sticks--sanding	5292	Sugar, cocoa, chocolate
7156	Sticks--size, yardsticks	153	Suitcases, suit bags
7422	Stiles	9215	Suits, coats, jackets
7124	Stiletto	9219	Suits--bathing, diving
		0914	Sulfate--ammonium
		066	Sulfate--thallium

*Titles -not used for case coding

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0972	Sulfide--hydrogen	118	Tanks, bins, vats
0139	Sulfoxylic acid	129	Tanks--air receiver
097*	Sulfur and sulfur compounds	118	Tanks--coopered, farm storage, oil storage, water, etc.
0979	Sulfur and sulfur compounds, n.e.c.		Tanks--oxygen
0970	Sulfur and sulfur compounds, unspecified	123	Tanks--photographic
0978	Sulfur and sulfur compounds--multiple	769	Tanks--pressure gas
0973	Sulfur dioxide	129	Tanks--propane
0134	Sulfuric acid	125	Tape--fasteners
0139	Sulfurous acid	4219	Tape measures, tape lines (nonpowered measuring handtools)
586	Sumac--poison	7156	Tapping and threading machines (metal, woodworking, special material)
3797	Sump pumps		Tar--roofing, asphalt
9392	Sun	358	Tarps and sheeting, nonmetal, n.e.c.
9221	Sunglasses, eye glasses		Tarps and sheeting, nonmetal, unspecified
3741	Supercalenders/calenders--paper production	461	Tarps and sheeting--nonmetal
061	Superphosphates	479	Tarps; plastic, or fabric sheeting
794	Supporters (health care and orthopedic equipment)	470	Tars, sealants, caulking, insulating material
0653	Supracide	47*	Tars, sealants, caulking, insulation, n.e.c.
3541	Surface grinders (metal, woodworking, special material)	472	Tars, sealants, caulking, insulation, unspecified
6*	Surfaces and structures	46*	Taser guns
627*	Surfaces below ground level, n.e.c.	469	TDI (Toluene-di-isocyanates)
6270	Surfaces below ground level, unspecified	460	Tear gas, mace
717*	Surfacing handtools--nonpowered	7939	Technetic acid
7179	Surfacing handtools--nonpowered, n.e.c.	0951	Telephones and communication equipment
7170	Surfacing handtools--nonpowered, unspecified	0792	Televisions
734*	Surfacing handtools--power not determined	0139	Temperature extremes--environmental
7349	Surfacing handtools--power not determined, n.e.c.	3912	Temperature extremes--environmental, unspecified
7340	Surfacing handtools--power not determined, unspecified	3913	Tennis equipment
724*	Surfacing handtools--powered	936*	Tents and accessories (recreation and athletic equipment)
7249	Surfacing handtools--powered, n.e.c.	9360	TEPP (Tetraethyl pyrophosphate)
7240	Surfacing handtools--powered, unspecified	789	Testing (product), inspecting, and diagnostic machinery, n.e.c.
0793	Surfactants	781	Tetrachloride--carbon
786	Surfboards (water sports equipment)	0653	Tetraethyl lead
75*	Surgical and medical instruments	393	Tetramethyl lead
752	Surgical knives		Tetroxide--dinitrogen
372*	Surgical, x-ray, and medical machinery and equipment	0421	Textile dyeing machinery
751	Sutures (medical and surgical instruments)	0542	Textile products
8259	SUV (sports utility vehicle)	0542	Textile products, n.e.c.
3996	Sweeping and cleaning machinery--street	0943	Textile products, unspecified
741	Swimming pool ladders	3761	Textile, apparel, leather production machinery
645	Swimming pools	923*	Textile, apparel, leather production machinery, n.e.c.
9219	Swimsuits	9239	Textile, apparel, leather production machinery, unspecified
5157	Swine	9230	Textiles and apparel
783	Swing sets (playground equipment)--swings	376*	Thallium sulfate
7124	Switchblades	3769	Therapeutic x-ray
4417	Switches, fuses, switchboards (machine, tool, and electric parts)	3760	Thermoses (recreation and athletic equipment)
7124	Swords	92*	Thimet
7959	Synthesizers (musical instruments)	066	Thinners--paint
0737	Synthetic detergents and shampoos	3722	Thiocarbamate and carbamate herbicides
751	Syringes and needles (medical and surgical instruments)--hypodermic	781	Thiodan
611	System--climate control		Thioglycolic acid
612	System--plumbing	0653	Thiram
61*	Systems--building	0772	Thorn
0653	Systox	0643	Thread, yarn
		0652	Threading and tapping machines (metal, woodworking, special material)
		0149	Threshers (agricultural)
		0651	Threshing and harvesting machinery
		58*	Ticks, scorpions, spiders
		9232	Ties, fasteners, connectors, ropes
		358	Ties, ropes, chains
			Ties--neck, scarves, gloves, belts
			Tiles, shingles
			Tiles, shingles, n.e.c.
			Tiles, shingles, unspecified
			Tiles--ceiling
			Tiles--ceramic or stone

T

7157	T squares (nonpowered measuring handtools)		
7124	Table knives	3114	
0429	Table salt	311*	
3573	Table saws (metal, woodworking, special material)	514	
236	Tables, worktables	42*	
789	Tables--billiards, ping pong	422*	
236	Tables--folding, coffee, dining, operating	9211	
4212	Tacks, nails, brads	414*	
7169	Tampers (nonpowered striking handtools)	4149	
3293	Tamping machinery, pile drivers (construction, logging, and mining)	4140	
		4141	
		4142	

*Titles -not used for case coding

SOURCE CODE INDEX

4144	Tiles--vinyl floor	7156	Triangles (nonpowered measuring handtools)
791	Time clocks	0646	Triazines
116	Tin cans	0432	Trichloromonofluoromethane
7262	Tips, tiplets--soldering (powered handtools)	0427	Trichloroethylene
4812	Tire inner tubes	0432	Trichlorofluoromethane
4814	Tire rims, wheels	0641	Trichlorophenoxy acid--2-(2,4,5-) propionic
4813	Tires, except bike	0641	Trichlorophenoxyacetic acid (2,4,5-T)
481*	Tires, inner tubes, wheels	0149	Trichloroacetic acid
4819	Tires, inner tubes, wheels, n.e.c.	4153	Trim pieces, wood pieces, n.e.c.
4810	Tires, inner tubes, wheels, unspecified	7126	Trimmers (nonpowered handtools)--hedge
4811	Tires--bike	7229	Trimmers (powered handtools)
3326	Toasters, food warmers, ranges, cooking ovens, grills	0146	Trinitrate--phenol
799	Tobacco pipes	0146	Trinitrophenol
2423	Toilets	0943	Trioxide--nitrogen
0343	Toluene	0139	Triphosphoric acid
0951	Toluene-di-isocyanates (TDI)	764	Tripods, stands--camera
0343	Toluol	872	Trolley, streetcar
7121	Tomahawks	7959	Trombones
0793	Toners--photographic and copying	118	Troughs
7141	Tongs, pliers (nonpowered handtools)	9212	Trousers, skirts, blouses, shirts, dresses
212	Tool chests	7134	Trowels (nonpowered handtools)--cement, garden, etc.
443*	Tool parts, accessories	825*	Truck (motorized highway vehicle)
4439	Tool parts, accessories, n.e.c.	7424	Truck mounted ladders, aerial ladder trams
4430	Tool parts, accessories, unspecified	8259	Truck, n.e.c.
44*	Tool, electric, and machine parts	8250	Truck, unspecified
7*	Tools, Instruments, and Equipment	8251	Truck--box
799	Tools, instruments, and equipment, n.e.c.	3461	Truck--bucket
70	Tools, instruments, and equipment, unspecified	8259	Truck--cement
79*	Tools, instruments, and equipment--other	8251	Truck--delivery
3594	Torches (metal, woodworking, special material)--oxyacetylene, plasma arch	8252	Truck--dump
7261	Torches (powered handtools)--blow, welding, propane	8259	Truck--fire
9377	Tornado, hurricane, typhoon	851*	Truck--forklift
912	Torpedoes	8259	Truck--garbage
111	Totes, bags, sacks	861	Truck--hand
851*	Tow motors	8253	Truck--pickup
3437	Tower, pillar, portal cranes	852*	Truck--powered industrial carriers
647	Towers, poles	8259	Truck--sport utility vehicles
0652	Toxaphene	3996	Truck--street sweeper
212	Toy chests	8254	Truck--trailer, semitrailer, tractor trailer
3123	Tractor mowers	826	Truck--van
8254	Tractor trailer, trailer truck, semitrailer	7959	Trumpets
853	Tractors (industrial, agricultural)	794	Trusses--(health care and orthopedic equipment)
85*	Tractors, vehicles (powered)--plant and industrial	635	Trusses--roof
8254	Trailer--semi, tractor	7157	Try squares
483	Trailers (vehicle and mobile equipment parts)	114	Tubes (containers)--cardboard, mailing
874	Train (rail vehicle)	786	Tubes--inner (recreational)
6444	Train and subway tunnels	4812	Tubes--inner, tire
7152	Trammel heads (nonpowered measuring handtools)	481*	Tubes--inner, tires, wheels
7424	Trams--aerial ladder, truck-mounted ladders	4125	Tubing and pipe--plastic or rubber
4415	Transformers, convertors, power lines	4123	Tubing, metal pipe
4827	Transmission (vehicle engine parts and accessories)	412*	Tubing, pipes, ducts
7959	Traps--drum accessories (musical instrument)	2421	Tubs--bath
786	Traps--lobster and crab	118	Tubs--excluding bathtubs
118	Trash bins	887	Tugboat, commercial fishing boat
116	Trash cans	3243	Tunneling machines (mining and drilling)
3997	Trash compactors	644*	Tunnels, mines, caves
953	Trash, garbage	6441	Tunnels--mine, mines
4423	Traveling block (drums, pulleys, sheaves)	6442	Tunnels--pedestrian
117	Trays, pots, pans	6444	Tunnels--train, subway
782	Treadmills (gymnasium and exercise equipment)	112	Tuns
959	Tree sap (pulp)	4424	Turbines, engines, except vehicle (machine and appliance parts)
3119	Tree shakers (agricultural)	5125	Turkey
587	Trees, logs	718*	Turning handtools (nonpowered)
58*	Trees, vegetation, plants--not processed	735*	Turning handtools (power not determined)
6271	Trenches, excavations, ditches, channels	725*	Turning handtools (powered)
3214	Trenching machines, trenchers	7189	Turning handtools--nonpowered, n.e.c.
759	Trephines (medical and surgical instruments)	7180	Turning handtools--nonpowered, unspecified
		7359	Turning handtools--power not determined, n.e.c.
		7350	Turning handtools--power not determined, unspecified
		7259	Turning handtools--powered, n.e.c.
		7250	Turning handtools--powered, unspecified
		7125	Turning saws (nonpowered handtools)
		7141	Tweezers

*Titles -not used for case coding

SOURCE CODE INDEX

4224 Twine, string, rope
 3754 Typesetting machinery
 3626 Typewriters and word processing equipment
 9377 Typhoon, hurricane, tornado

U

7959 Ukuleles
 3599 Ultrasonic machinery (USM) (metal, woodworking, special material)
 799 Umbrellas
 0213 Unslaked lime
 3491 Unwinders, winders
 5423 Uranium
 0953 Urethane
 3599 USM (ultrasonic machinery) (metal, woodworking, special material)
 792 Utensils--cooking and eating, except knives
 232 Utility benches
 7124 Utility knives
 3799 UV deco machine

V

0749 Vaccines
 3336 Vacuum cleaners
 0149 Valeric acid
 066 Valone
 423 Valves, nozzles
 826 Van--passenger or light delivery
 826 Van, minivan
 0643 Vapam (carbamate and thiocarbamate herbicides)
 0651 Vapam (carbamate insecticides)
 0653 Vapona (DDVP)
 3313 Vaporizers, humidifiers, dehumidifiers
 0941 Vapor, kiln
 96* Vapors, liquids, steam, n.e.c.
 961 Vapors, steam--nonchemical
 00 Vapors, unspecified
 13* Variable restraint containers
 0761 Varnish, lacquer, shellac, paint
 076* Varnish, paint, lacquer, shellac, n.e.c.
 0768 Varnishes, paint, lacquer, or shellac--multiple
 118 Vats, tanks, bins
 3611 VDTs (video display terminals)
 4422 Vee belt drives (machine and appliance parts)
 524 Vegetables, fruits, nuts
 58* Vegetation, plants, trees--not processed
 82* Vehicle (motorized)--highway
 84* Vehicle (nonindustrial)--offroad
 83* Vehicle (nonmotorized)--highway
 86* Vehicle (nonpowered)--plant and industrial
 48* Vehicle and mobile equipment parts
 489 Vehicle and mobile equipment parts, n.e.c.
 480 Vehicle and mobile equipment parts, unspecified
 0941 Vehicle exhaust gas
 489 Vehicle door
 6225 Vehicle floor
 3331 Vehicle washing machinery
 484 Vehicle windows, windshields
 80 Vehicle, unspecified
 81* Vehicle--air
 831* Vehicle--animal or human powered
 87* Vehicle--rail
 824 Vehicle--recreational, motor home
 88* Vehicle--water
 8* Vehicles
 89 Vehicles, n.e.c.
 85* Vehicles, tractors (powered)--plant and industrial
 7124 Veiners
 3998 Vending machines
 7125 Veneer saws (nonpowered handtools)
 223 Venetian blinds

3312 Ventilation fans, blowers
 113 Vials
 7959 Vibraphones (musical instruments)
 391* Video and audio equipment
 3611 Video display terminals (VDTs) and cathode ray tubes (CRTs)
 3914 Video players and recorders--tape and disk
 0141 Vinegar
 0319 Vinyl carbinol
 0954 Vinyl chloride monomer
 0954 Vinyl chloride, polyvinyl chloride
 0355 Vinyl ether
 4144 Vinyl floor tiles
 4196 Vinyl, aluminum siding (building materials--solid elements)
 7959 Violins, violas
 533 Viruses
 7141 Vise-grips (nonpowered handtools)
 7142 Visers (nonpowered handtools)--bench dogs, bench screws, front, miter
 7142 Visers, clamps
 3999 Voting machines

W

3326 Waffle irons
 62* Walkways, ground surfaces, floors
 6293 Walkways--moving
 624 Walkways--outdoor, sidewalks, paths
 222 Wall coverings
 215 Wall lockers
 222 Wall panels--acoustic
 22* Wall, window, floor coverings
 4198 Wallboard, drywall (building materials--solid elements)
 152 Wallets, handbags, pocketbooks
 222 Wallpaper (except rolls)
 637 Walls
 066 Warfarin
 3746 Washers, bleachers, refiners--paper production
 333* Washers, dryers, and cleaning machinery and appliances
 3339 Washers, dryers, and cleaning machinery and appliances, n.e.c.
 3330 Washers, dryers, and cleaning machinery and appliances, unspecified
 4213 Washers, nuts, bolts
 3333 Washers--clothes
 3334 Washers--dish
 514 Wasps
 517 Waste products--animal, including manure
 95* Waste, debris, scrap
 9223 Watches
 922* Watches, jewelry, and eye glasses
 9621 Water
 231 Water beds
 113 Water bottles
 122 Water hoses
 931 Water pressure changes
 3797 Water pumps, sump pumps
 786 Water sports equipment
 7174 Water stones (nonpowered surfacing handtools)
 118 Water tanks
 88* Water vehicle
 889 Water vehicle, n.e.c.
 880 Water vehicle, unspecified
 3241 Water-jet drills (mining and drilling)
 116 Watering cans
 466 Waterproofers, sealants, n.e.c.
 9379 Waves
 7241 Waxers, buffers, polishers--powered
 937* Weather and atmospheric conditions
 9379 Weather and atmospheric conditions, n.e.c.
 9370 Weather and atmospheric conditions, unspecified
 3766 Weaving machinery

*Titles -not used for case coding

SOURCE CODE INDEX

7129	Wedges (nonpowered handtools)	7429	Work stands--combination, ladder assemblies
0640	Weed killer	234	Work stations
782	Weight-lifting equipment (gymnasium and exercise equipment)	232	Workbenches
726*	Welding and heating handtools--powered	561	Worker (injured or ill)--bodily conditions
7269	Welding and heating handtools--powered, n.e.c.	562	Worker (injured or ill)--bodily motion or position
7260	Welding and heating handtools--powered, unspecified	56*	Worker--injured or ill
3594	Welding machinery (metal, woodworking, special material)--spot welding	236	Worktables
057	Welding or soldering fumes, unspecified or n.e.c.	3732	Wrapping, bundling, packaging machinery
7263	Welding torches (powered handtools)	373*	Wrapping, packaging, bottling machinery
6483	Wells	7192	Wrecking bars (nonpowered handtools)
0132	WFNA (white fuming nitric acid)	7182	Wrenches (nonpowered turning handtools)--open-end, adjustable, pipe, allen, socket, box, spark-plug, tuning, etc.
6291	Wharfs, piers	7352	Wrenches (power not determined)
3413	Wheel conveyors	7252	Wrenches (powered handtools)--air, impact
7149	Wheel pullers (nonpowered handtools)	798*	Writing, drawing, and art supplies
862	Wheelbarrow	7989	Writing, drawing, and art supplies, n.e.c.
797	Wheelchairs	7980	Writing, drawing, and art supplies, unspecified
4814	Wheels, tire rims		
481*	Wheels, tires, inner tubes		X
7174	Whetstone (nonpowered surfacing handtools)		
3714	Whippers, mixers, blenders--food and beverage	7124	X-acto knives
0132	White fuming nitric acid (WFNA)	769	X-ray film
0429	White potash	3722	X-ray, magnetic resonance imaging (MRI's), and fluoroscope machinery and equipment
7124	Whittling knives	372*	X-ray, medical, and surgical machinery and equipment
115	Wicker baskets	0344	Xylene
7111	Wimbles	0344	Xylol
4423	Winches and accompanying cable (machine and appliance parts)	7959	Xylophones
7959	Wind chimes		
3745	Winders, slitters--paper production		Y
3491	Winders, unwinders		
223	Window coverings, blinds, shades, or draperies	884	Yacht, motorboat
4193	Window panes, glass (building materials--solid elements)	3235	Yarder/forwarder (logging and wood processing)
223	Window shades	7156	Yardsticks
22*	Window, floor, wall coverings	9232	Yarn, thread
638	Windows		
484	Windows--vehicle, windshields		Z
9327	Winds--high winds, gusts		
484	Windshields, vehicle windows	0651	Zectran
0741	Wine	0929	Zenon--liquified
0312	Wine--spirit of	0568	Zinc and zinc compounds
115	Wire baskets	066	Zinc phosphide
7122	Wire cutters	063	Zineb
3532	Wire extruders (metal, woodworking, special material)	063	Ziram
133	Wire reels	7959	Zithers
4226	Wire--nonelectrical		
4411	Wiring--electrical		NUMERIC CHEMICALS
117	Woks		
0315	Wood alcohol, spirits	0353	1,2-Epoxyethane
9514	Wood chips, sawdust	0313	1,2-Ethanediol
4153	Wood pieces, trim pieces, n.e.c.	0641	2,3,6-TBA
323*	Wood processing and logging machinery--specialized	0641	2,4,5-T
415*	Wood, lumber	0641	2,4,5-Trichlorophenoxyacetic acid (2,4,5-T)
4159	Wood, lumber, n.e.c.	0641	2,4-D
4150	Wood, lumber, unspecified	0641	2,4-DEP
7262	Woodburning sets (powered handtools)	0341	2-Acetylaminofluorene
7124	Woodcarving knives	0341	2-Chloroaniline
7124	Woodturning tools (nonpowered handtools used with lathes)	0646	2-chloro-4, 6-bis(ethylamino)-S-triazine
3552	Woodworking lathes	0329	2-Furaldehyde
35*	Woodworking, metal, and special material machinery	0364	2-hexanone
5113	Wool, fur	0391	2-Nitropropane
3626	Word processing equipment and typewriters	0361	2-Propanone
		0641	2-(2,4,5-Trichlorophenoxy) propionic acid
		0341	3,3'-Dichlorobenzidine

*Titles -not used for case coding

SOURCE CODE INDEX

0641	4-chloro-2-methylphenoxyacetic acid
0341	4-Dimethylaminoazobenzene
0391	4-Nitrobiphenyl

*Titles -not used for case coding

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Occupational Injury and Illness Classification Manual

09/07

SECTION 4.4

**Event or
Exposure
Index**

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EVENT or EXPOSURE CODE INDEX

A			
46*	Aircraft accident	323	Contact with controlled fire source
469	Aircraft accident, n.e.c.	31*	Contact with electric current
460	Aircraft accident, unspecified	311	Contact with electric current of machine, tool, appliance, or light fixture
631	Animal or insect bite, nonvenomous	319	Contact with electric current, n.e.c.
3433	Animal or insect bite, venomous	310	Contact with electric current, unspecified
6*	ASSAULTS AND VIOLENT ACTS	323	Contact with hot objects or substances
61*	Assaults and violent acts by person(s)	0*	CONTACT WITH OBJECTS AND EQUIPMENT
619	Assaults and violent acts by person(s), n.e.c.	09	Contact with objects and equipment, n.e.c.
610	Assaults and violent acts by person(s), unspecified	00	Contact with objects and equipment, unspecified
60	Assaults and violent acts, unspecified	313	Contact with overhead power lines
63*	Assaults by animals	323	Contact with radiant heat
639	Assaults by animals, n.e.c.	342	Contact with skin or other exposed tissue
630	Assaults by animals, unspecified	32*	Contact with temperature extremes
043	Avalanches	320	Contact with temperature extremes, unspecified
		314	Contact with underground, buried power lines
		312	Contact with wiring, transformers, or other electrical components
B		D	
3432	Bee, wasp, hornet sting	383	Depletion of oxygen from cave-in or collapsed materials
211	Bending, climbing, crawling, reaching, twisting	384	Depletion of oxygen in confined space
631	Bite, animal or insect (nonvenomous)	445	Derailment
343*	Bite, animal or insect (venomous)	381	Drowning, submersion
611	Biting—assault by person	34*	Drug overdose, accidental
25	Bodily conditions, n.e.c.	621	Drug overdose, suicidal intent
21*	Bodily position	461	During takeoff or landing (Aircraft accident)
21*	Bodily reaction		
2*	BODILY REACTION AND EXERTION	E	
29	Bodily reaction and exertion, n.e.c.	049	Engulfments
20	Bodily reaction and exertion, unspecified	041	Excavation or trenching cave-in
219	Bodily reaction, n.e.c.	52*	Explosion
210	Bodily reaction, unspecified	521	Explosion of battery
		522	Explosion of pressure vessel or piping
C		446	Explosion, fire, n.e.c. (Railway accident)
03*	Caught in or compressed by equipment or objects	452	Explosion, fire, n.e.c. (Water vehicle accident)
039	Caught in or compressed by equipment or objects, n.e.c.	529	Explosion, n.e.c.
030	Caught in or compressed by equipment or objects, unspecified	520	Explosion, unspecified
04*	Caught in or crushed in collapsing materials	339	Exposure to air pressure change, n.e.c.
049	Caught in or crushed in collapsing materials, n.e.c.	330	Exposure to air pressure change, unspecified
040	Caught in or crushed in collapsing materials, unspecified	33*	Exposure to air pressure changes
044	Caught in or crushed in collapsing structure	34*	Exposure to caustic, noxious, or allergenic substances
031	Caught in running equipment or machinery	349	Exposure to caustic, noxious, or allergenic substances, n.e.c.
382	Choking on object or substance	340	Exposure to caustic, noxious, or allergenic substances, unspecified
044	Collapsing structure--caught in	323	Exposure to controlled flame
451	Collision (Water vehicle accident)	322	Exposure to environmental cold
443	Collision between railway vehicle and other object	321	Exposure to environmental heat
442	Collision between railway vehicle and other vehicle	3*	EXPOSURE TO HARMFUL SUBSTANCES OR ENVIRONMENTS
441	Collision between railway vehicles	39	Exposure to harmful substances or environments, n.e.c.
421	Collision between vehicles or mobile equipment (Nonhighway Accident, expt rail, air, water)	30	Exposure to harmful substances or environments, unspecified
411*	Collision between vehicles, mobile equipment (Highway Accident)	35*	Exposure to noise
4119	Collision between vehicles, mobile equipment, n.e.c. (Highway Accident)	352	Exposure to noise in single incident
4110	Collision between vehicles, mobile equipment, unspecified (Highway Accident)	351	Exposure to noise over time
032	Compressed or pinched by rolling, sliding, or shifting objects or equipment	350	Exposure to noise, unspecified
049	Confined space, engulfment in	36*	Exposure to radiation
3411	Confined space, inhalation in	369	Exposure to radiation, n.e.c.
384	Confined space, depletion of oxygen in	360	Exposure to radiation, unspecified
324	Contact with cold objects or substances	363	Exposure to radioactive material
		361	Exposure to sun
		37	Exposure to traumatic or stressful event, n.e.c.
		362	Exposure to welding light

*Titles -not used for case coding

EVENT or EXPOSURE CODE INDEX

F		410	Highway accident, unspecified
		612	Hitting, kicking, beating
111	Fall down stairs or steps		
1121	Fall down elevator shaft		
117	Fall from building girders or other structural steel		
119	Fall from chair	513	Ignition of clothing from controlled heat source
112*	Fall from floor, dock, or ground level	344	Ingestion of substance
1129	Fall from floor, dock, or ground level, n.e.c.	3411	Inhalation in confined space
1120	Fall from floor, dock, or ground level, unspecified	3412	Inhalation in open or nonconfined space
1124	Fall from ground level to lower level	341*	Inhalation of substance
119	Fall from horse	3410	Inhalation of substance, unspecified
113	Fall from ladder	343*	Injections, stings, venomous bites
1123	Fall from loading dock	3439	Injections, stings, venomous bites, n.e.c.
4149	Fall from moving vehicle, mobile equipment (Highway Accident)	3430	Injections, stings, venomous bites, unspecified
4231	Fall from moving vehicle, mobile equipment (Nonhighway Accident, expt rail, air, water)	3433	Insect bite, venomous
118	Fall from nonmoving vehicle		
114	Fall from piled or stacked material		
115*	Fall from roof		
1154	Fall from roof edge	4141	Jack-knifed or overturned--no collision (Highway Accident)
1159	Fall from roof, n.e.c.	123	Jump from nonmoving vehicle
1150	Fall from roof, unspecified	121	Jump from scaffold, platform, loading dock
116	Fall from scaffold, staging	122	Jump from structure, structural element, n.e.c.
453	Fall from ship, boat, n.e.c.	46*	Jump, parachute
117	Fall from structural steel	12*	Jump to lower level
117	Fall from telecommunication tower	129	Jump to lower level, n.e.c.
119	Fall from tree	120	Jump to lower level, unspecified
447	Fall in, on, or from railway vehicle in motion, n.e.c.	219	Jumping up and down (bodily reaction, n.e.c.)
13*	Fall on same level		
139	Fall on same level, n.e.c.		
130	Fall on same level, unspecified		
454	Fall on ship, boat	043	Landslide
132	Fall onto or against objects (Fall on same level)	4234	Loss of control (Nonhighway Accident, expt rail, air, water)
1121	Fall through existing floor opening		
1151	Fall through existing roof opening		
1122	Fall through floor surface		
1152	Fall through roof surface		
1153	Fall through skylight		
131	Fall to floor, walkway, or other surface (Fall on same level)	042	Mine cave-in
11*	Fall to lower level	29	Motion sickness
119	Fall to lower level, n.e.c.	4115	Moving and standing vehicle, mobile equipment--in roadway (Highway Accident)
110	Fall to lower level, unspecified	4116	Moving and standing vehicle, mobile equipment--side of road (Highway Accident)
19	Fall, n.e.c.	4114	Moving in intersection (Highway Accident)
10	Fall, unspecified	4113	Moving in opposite directions, oncoming (Highway Accident)
1*	FALLS	4112	Moving in same direction (Highway Accident)
444	Fell from and struck by railway vehicle		
4232	Fell from and struck by vehicle, mobile equipment (Nonhighway Accident, expt rail, air, water)		
511	Fire in residence, building, or other structure (unintended or uncontrolled)		
452	Fire on ship boat	3431	Needle sticks, accidental and resulting in exposure
50	Fire or explosion, unspecified (unintended or uncontrolled)	0*	Needle stick, accidental and resulting in open wound
519	Fire, n.e.c. (unintended or uncontrolled)	35*	Noise exposure
510	Fire, unspecified (unintended or uncontrolled)	9999	Nonclassifiable
51*	Fire--unintended or uncontrolled	414*	Noncollision accident (Highway Accident)
5*	FIRES AND EXPLOSIONS	423*	Noncollision accident (Nonhighway Accident, expt rail, air, water)
512	Forest, brush, or other outdoor fire (unintended or uncontrolled)	4149	Noncollision accident, n.e.c. (Highway Accident)
		4239	Noncollision accident, n.e.c. (Nonhighway Accident, expt rail, air, water)
H		4140	Noncollision accident, unspecified (Highway Accident)
41*	Highway accident	4230	Noncollision accident, unspecified (Nonhighway Accident, expt rail, air, water)
419	Highway accident, n.e.c.	42*	Nonhighway accident, except rail, air, water

*Titles -not used for case coding

EVENT or EXPOSURE CODE INDEX

429	Nonhighway accident, n.e.c. (Nonhighway Accident, expt rail, air, water)	060	Rubbed, abraded, or jarred by vibration, unspecified
420	Nonhighway accident, unspecified (Nonhighway Accident, expt rail, air, water)	213	Running--without other incident
631	Nonvenomous bites (Assaults by animals)		
S			
O			
042	Other cave-in	62*	Self-inflicted injury
9	OTHER EVENTS OR EXPOSURES	622	Self-inflicted injury or fatality--intent unknown
389	Other oxygen deficiency, n.e.c.	621	Self-inflicted injury or fatality--intentional
3433	Other stings or venomous bites	620	Self-inflicted injury, unspecified
22*	Overexertion	0222	Shooting—accidental discharge
223	Overexertion in holding, carrying, turning, or wielding objects	613	Shooting—assault by other person
221	Overexertion in lifting	621	Shooting—self-inflicted, intentional
222	Overexertion in pulling or pushing objects	455	Sinking, capsized water vehicle
224	Overexertion in throwing objects	214	Sitting
229	Overexertion, n.e.c.	342	Skin absorption
220	Overexertion, unspecified	215	Slip, trip, loss of balance--without fall
4141	Overturned (Highway, noncollision)	614	Squeezing, pinching, scratching, twisting
4233	Overturned (Nonhighway Accident, expt rail, air, water)	615	Stabbing, intentional
38*	Oxygen deficiency, n.e.c.	216	Standing
		011	Stepped on object
		343*	Stings, venomous bites
		619	Strangulation, assault
		621	Strangulation, suicidal
		013	Struck against moving object or equipment
		01*	Struck against object or equipment
		019	Struck against object or equipment, n.e.c.
		010	Struck against object or equipment, unspecified
		012	Struck against stationary object or equipment
		0222	Struck by discharged object or substance
		0221	Struck by dislodged flying object, particle
		021	Struck by falling object or equipment
		022*	Struck by flying object
		0229	Struck by flying object, n.e.c.
		0220	Struck by flying object, unspecified
		315	Struck by lightning
		02*	Struck by object or equipment
		029	Struck by object or equipment, n.e.c.
		020	Struck by object or equipment, unspecified
		0231	Struck by or slammed in swinging door or gate
		024	Struck by rolling, sliding objects or equipment on floor or ground level
		4143	Struck by shifting load (Highway Accident)
		4235	Struck by shifting load (Nonhighway Accident, expt rail, air, water)
		0232	Struck by slipping handheld object
		023*	Struck by swinging or slipping object
		0239	Struck by swinging or slipping object, n.e.c.
		0230	Struck by swinging or slipping object, unspecified
		212	Sudden reaction when surprised, frightened, startled
		4144	Sudden start or stop, n.e.c. (Highway Accident)
		4236	Sudden start or stop, n.e.c. (Nonhighway Accident, expt rail, air, water)
		621	Suicide, attempted suicide
		24	Sustained viewing
T			
		617	Threats or verbal assaults
		522	Tire explosion
		49	Transportation accident, n.e.c.
		40	Transportation accident, unspecified
		4*	TRANSPORTATION ACCIDENTS
		231	Typing or keyentry (Repetitive motion)
V			
		412	Vehicle struck object in roadway (Highway Accident)

*Titles -not used for case coding

EVENT or EXPOSURE CODE INDEX

413 Vehicle struck object on
side of road (Highway Accident)
422 Vehicle, mobile equipment struck
object (Nonhighway Accident, expt rail, air,
water)
343* Venomous bites and stings
617 Verbal assault, threat

W

217 Walking--without other incident
45* Water vehicle accident
459 Water vehicle accident, n.e.c.
450 Water vehicle accident, unspecified

*Titles -not used for case coding

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