

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 (OI&ICM) provides a classification system for use in coding the case characteristics of injuries and illnesses in the Occupational Safety and Health (OSH) program and the Census of Fatal Occupational Injuries (CFOI) program. 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 Manual 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 (OSH) Federal/State cooperative programs.

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

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

The OI&ICM is arranged in a structured format so that any section of the manual may be removed for use independently as required by the user. This also allows future updates to be made without having to replace the whole manual.

This manual is designed to accommodate the coder of injury, illness, and fatality data provided by the OSH and CFOI programs. Therefore, this manual is a reference tool that enables the coder to determine the proper Nature, Part of Body Affected, Source, Event, and Secondary Source code for any given injury or illness case in an accurate and timely manner.

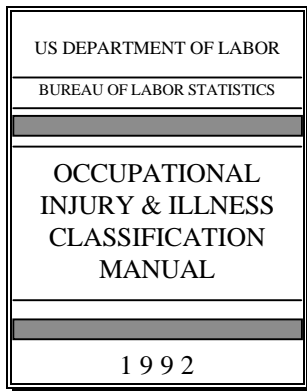
Each code structure in this manual is presented with and without the code descriptions. The code descriptions provide more detail about the codes themselves. The descriptions are extremely useful in determining the make-up of the code categories--the kind of information that each code is trying to capture. 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
--

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 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, or complication due to medical treatment, 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.

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; and fractured or broken cartilage

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; and slipped epiphysis.

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)

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

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

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

Includes: division of nerve, lesion in continuity, traumatic neuroma,

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), and severed spinal cord (013)

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

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.

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

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.

Excludes: abrasions and scratches (041), burns (05)

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: nonfatal amputations resulting from a gunshot wound, medical amputations due to irreparable traumatic injuries

Excludes: traumatic injury without bone loss (033), enucleation--eye removal (035)

0311 Amputations, fingertip
0319 Amputations, except fingertip

032 Animal or insect bites

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

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 without bone loss

Excludes: amputation (031), avulsion of joint capsule, ligament, muscle or tendon (021)

034 Cuts, lacerations**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 body, stab wounds, and impaling wounds

Excludes: animal or insect bites (032, 0951)

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.

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

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

Excludes: concussion (062), hemothorax (021), nontraumatic cerebral hemorrhage (136), traumatic cerebral hemorrhage (061)

044 Foreign bodies (superficial splinters, chips)

Includes: foreign body without mention of penetration depth

Excludes: embedded foreign body (037)

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.

Includes: first, second, and third degree burns, lightning burns(052), radiation burns (059)

Excludes: friction burns (045), frostbite (0711), sunburn (1839), and welder's flash (1256)

050 Burns, unspecified**051 Chemical burns****052 Electrical burns****053 Heat burns, scalds****058 Multiple burns****059 Burns, n.e.c.**

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

06* **Intracranial injuries**

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

Includes: cerebral hemorrhage with no mention of an underlying cause (061), crushed head (060), fatal skull fractures (068), nonspecific crushing injuries to the head (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**

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.

Excludes: injuries or disorders associated with fire or flame

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)

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), siriiasis (0721), sunstroke (0721), and thermoplegia (0721)

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

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

- 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.

Includes: barosinusitis (0732), barotitis (0731), otitic barotrauma (0731), and sinus barotrauma (0732)

- 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

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.

Excludes: abrasions and bruises of equal severity (048)

- 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.

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

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

Excludes: drownings (092), strangulated hernia (153), and asphyxia from gas fumes and vapors (0959)

092 Drownings

This nature group classifies fatal suffocations as a result of submersion in liquid, especially in water.

093 Electrocutions, electric shocks

This nature group classifies fatal and nonfatal traumatic injuries that result from contact with electric current.

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 the blood vessels which are not classified in any other major group throughout the nature of injury or illness structure.

Includes: arterial hematoma, internal injuries, traumatic rupturing of blood vessels, fatal crushing injury to trunk--abdomen, chest, or pelvis, and traumatic aneurysm or fistula

Excludes: bruises and contusions (043), blood blisters (042)

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: carbon monoxide poisoning (0959), toxic effects of food contaminants or noxious food stuffs--non-viral and non-bacterial (0959), and lead poisoning (0959)

Excludes: asphyxia from gas, fumes and vapors (0959), parasitic or infectious poisonings (Division 2), 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), and radiation poisoning (149)

0950 Other poisonings and toxic effects, unspecified**0951 Animal or insect bites, venomous****0952 Radiation sickness**

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

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), and unspecified reactions to injections such as tetanus or flu shots (0969)

Excludes: electric shock (093), lightning shock (093)

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**

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, or pain in shoulder.

Includes: hurt back (0972), backache (0972), low back pain (0972)

Excludes: crushing injuries involving internal organs (094), and crushing injuries to the head (06)

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.**

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.

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

Includes: polycythemia, and chronic lymphadenitis

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 conjunctivitis (1252); traumatic and nontraumatic loss of vision (1255); and ultraviolet keratoconjunctivitis (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), and hearing loss sustained from sudden or repeated noise (1261), traumatic and nontraumatic hearing loss (1261)

Excludes: aero-otitis media (0731), 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.

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); and diseases of veins and lymphatics (138), and other diseases of the circulatory system

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); and ill-defined descriptions and complications of heart disease (1353)

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: 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)

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

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

138* Diseases of the veins, lymphatics

This nature group classifies diseases of the veins and lymphatics.

Includes: phlebitis and 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.

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

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

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), bronchitis (1441), emphysema (1442), extrinsic asthma (1443), extrinsic allergic alveolitis (1444), and intrinsic asthma (1449)

Excludes: cotton-dust asthma (1461) and stripper's asthma (1461)

- 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: bauxite fibrosis (1459), graphic fibrosis (1459), and stannosis (1459)

- 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)

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

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

149* Other respiratory system diseases

This nature group classifies other respiratory system diseases that are not classified elsewhere.

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)

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 of the abdominal cavity (153); noninfectious enteritis and colitis (154)

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

153* Hernia

This nature group classifies hernias of the abdominal cavity.

Includes: femoral (1539), esophageal (1539), hiatal (1532), inguinal (1531), paraesophageal (1539) scrotal (1531), umbilical (1539), and ventral (1533) hernias

Excludes: herniated disc (011), herniated brain (1231), and strangulations (091)

1530 Hernia, unspecified

1531 Inguinal hernia

1532 Hiatal hernia

1533 Ventral hernia

1539 Hernia, n.e.c.

154 Noninfectious enteritis and colitis (including ileitis)

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

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

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

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); and other diseases of the urinary system (162)

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

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

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 (3112)

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 osteopathies, 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.

Includes: spondylitis and spondylosis of the spine (1729); intervertebral disc disorders, except dislocation (1723); sciatica (1721); lumbago (1722); and other nontraumatic backaches (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 or backache (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), and trigger finger (1739)

Excludes: rheumatism affecting the back is included in code (172), traumatic injuries and disorders affecting the muscles, tendons, ligaments and joints (02)

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.

Includes: boils (1811), cellulitis (1812), impetigo (1814), acute lymphadenitis (1813)

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

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

- 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, resulting from contact with allergens or irritant substances; lowered cutaneous threshold to pruritus (itching) and related conditions; and from substances taken internally.

- 1820 Dermatitis, unspecified
- 1821 Atopic dermatitis and related conditions
- 1822 Contact dermatitis and other eczema
- 1823 Allergic dermatitis
- 1824 Irritant 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)

- 1830 Other inflammatory conditions of the skin, unspecified
- 1831 Erythemasquamous 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

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.

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

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); and urticaria (1898)

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**

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.

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; and disorders involving the immune mechanism

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

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.

- 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****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.

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

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.

- 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: alloschleriosis, aspergillosis, chromoblastomycosis, cryptococcosis, mycotic mycetozoa, rhinosporidiosis, sporotrichosis, 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.

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 a potent enterotoxin.

262 Typhoid and paratyphoid fevers

This nature group classifies acute infectious diseases caused by a Salmonella 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.

265 Other bacterial food poisoning (including botulism and staphylococcal food poisoning)

This nature group classifies other diseases caused by botulism and staphylococcal bacteria.

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 bacterium.

267 Colitis

This nature group classifies infection of the colon due to Balantidium coli bacterium.

268 Dysentery

This nature group classifies intestinal diseases caused by protozoa.

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

29* **Other infectious and parasitic diseases**

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)

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

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, leeches, fleas (jigger disease) and mites.

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)

- 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 pharynx

32* Benign neoplasms and tumors

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

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)

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.

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

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.

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**411*** General symptoms

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

Includes: hallucinations (4119), hyperhidrosis (4119), sleep disturbances (4119), excessive sweating (4119), chills (4119), and stupor (4119)

Excludes: Heat related loss of consciousness (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), abnormality of gait (4129), lack of coordination (4129), tetany (4129), and meningismus (4129)

- 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)

- 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.

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

414* Symptoms involving head and neck

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

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

4178 Multiple symptoms involving digestive or urinary system

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

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

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: reaction to tuberculin test, positive culture findings, raised level of immunoglobulins, and abnormal karyotype

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.

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)

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.

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

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

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

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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
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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** 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**.*
- 2.4 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****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 injuries is named as the nature of the injury. Select code 013 when a nonfatal 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 (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.

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**

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

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), cartilage, muscle, skin, subcutaneous tissue, and veins and arteries

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, located between the trachea and the base of the tongue.

14 **Laryngopharynx**

This major group classifies the inferior 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.

16 **Trachea**

This major group classifies the cartilaginous and membranous tube that extends from the bottom of the larynx to the bronchi, which is 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

20 Trunk, unspecified**21 Shoulder, including clavicle, scapula**

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

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, humerus, scapula/shoulder blade, and shoulder girdle

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.

- 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)

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

This major group classifies the region of the back which includes 5 vertebrae on the spinal column and is located in the lower portion of the back.

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

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

232 Thoracic region

This major group classifies the region of the back which includes 12 vertebrae on the spinal column and is located just below the cervical vertebrae of the neck.

233 Sacral region

This major group classifies the region of the back which is located just below the thoracic region.

Includes: sacrum

234 Coccygeal region

This major group classifies the region of the back which is bounded by the lower extremities.

Includes: coccyx

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 major 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.

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****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**

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

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 254, **Groin**. 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 (See the alphabetical listing for specific muscle and bone names.)

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

This major group classifies the upper extremities from the area above the wrist up to the shoulder.

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 (See the alphabetical listing for specific muscle and bone names.)

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)**
 - 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 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)

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." 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
- 3) nonrepetitive lifting, pushing, pulling, wielding, or throwing an external object

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

2.3.3 Source of Injury or Illness; Secondary Source of Injury or Illness--Titles and Descriptions

The Source of Injury or Illness code structure is arranged in 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.**

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 in Division 0. Carbon monoxide resulting from the incomplete combustion of fuels or contained in motor vehicle exhaust gas, blast furnace gas, or kiln vapor is coded 0941, carbon monoxide.

Includes: Acids; alkalies; 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 *Hypochlorous acid*
Chlorous 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>Diffluorophosphoric 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>Nitroxylic 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 *Polyacrylic acid*
Methacrylic acid *Polymethacrylic acid*

0143 Carbolic acids

Phenol

0144 Hydrocyanic acid**0145 Peracetic acid****0146 Picric acid**

Carbazotic acid *Picronitric acid*
Nitroxanthic acid *Trinitrophenol*
Phenol trinitrate

0149 Organic acids, n.e.c.

<i>Acetylsalicylic acid</i>	<i>Iodoacetic acid</i>
<i>Adipic acid</i>	<i>Isobutyric acid</i>
<i>Alkanesulfonic acid</i>	<i>Isopentoic acid</i>
<i>Benzoic acid</i>	<i>Lauric acid</i>
<i>Bromoacetic acid</i>	<i>Monofluorophosphoric acid</i>
<i>Butyric acid</i>	<i>Oleic acid</i>
<i>Capric acid</i>	<i>Oxalic acid</i>
<i>Caproic acid</i>	<i>Nitrohydrochloric acid</i>
<i>Caprylic acid</i>	<i>Palmitic acid</i>
<i>Chloroacetic acid</i>	<i>Performic acid</i>
<i>Chlorobutyric</i>	<i>Persulfuric acid</i>
<i>Chloroisocyanuric acid</i>	<i>Phthalic acid</i>
<i>Chloropropionic acid</i>	<i>Phenylacetic acid</i>
<i>Cyanoacetic</i>	<i>Phenylstearic acid</i>
<i>Etching acid, liquid, n.o.s.</i>	<i>Propionic acid</i>
<i>Fluoboric acid</i>	<i>Salicylic acid</i>
<i>Fluoroacetic acid</i>	<i>Sebacic acid</i>
<i>Fluorosulfonic acid</i>	<i>Stearic acid</i>
<i>Formic acid</i>	<i>Thioglycolic acid</i>
<i>Hexafluorophosphoric acid</i>	<i>Trichloroacetic acid</i>
<i>Hexanoic acid</i>	<i>Valeric acid</i>
<i>Hydrofluorosilicic acid</i>	

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

Caustic potash

Caustic soda

Lye

Potassium carbonate

Potassium hydroxide

Sodium hydroxide

White potash

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
Benzole
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>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.

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).

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.
Calcium chloride *Ethyl chloride*
Chloroethane *Methylene chloride*
Chloroform *Phosgene*
Dichloromethane

043* Fluorine and fluorine compounds**0430 Fluorine compounds, unspecified****0431 Fluorine**

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

- 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

0542 Organic lead compounds

Alkyl lead
Lead acetate
Lead arsenate

Tetraethyl lead
Tetramethyl lead

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

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 0600.

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).

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.

*Muriate of potash
Superphosphates*

062 Fumigants, n.e.c.

Included in this category are substances in the form of "smoke" or fumes used as an exterminating agent and that are not classifiable elsewhere. Fumigants used as disinfecting agents are classified under code 0732, if the specific chemical is unknown.

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

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>ithiocarbamates</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)

Dinitro-orthoeresol (DNOC)

Dinoseb (DNBP)

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.

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

0650	Insecticides, unspecified		
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>Dicathion</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>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

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

Excludes: Specified chemicals.

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

Conditioners

Dyes

Hair sprays

Hair straighteners

Mousses

Rinses

Perming solutions

Setting gels

Shampoos

0729 Other beauty preparations, cosmetics

Face masks

Make-up

Soaps

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

Floor stripper

Other and unspecified cleaners

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.

0740 Drugs and medicines, unspecified

0741 Alcoholic beverages

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

- 0742** Drugs--nonmedicinal
0743 Medicines
0748 Multiple drugs, medicines
0749 Drugs and medicines, n.e.c.

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 *Napthalene*
Cleaners' naptha *Petroleum ether*
Mineral spirits *Stoddard solvent*
Naptha
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, and photographic and copying solutions

- 0790** Other chemical products, unspecified
0791 Dyes, inks

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

0792	Tear gas, mace <i>Bromobenzyl cyanide</i> <i>Chloroacetophenone</i>	<i>Ethylidoacetate</i> <i>Lacrimogenic gas</i>
0793	Photographic and copying solutions <i>Clearing agents</i> <i>Copying machine fluids</i> <i>Developers</i> <i>Film developing solutions</i> <i>Fixers</i>	<i>Photographic chemicals</i> <i>Mimeograph fluid</i> <i>Stop baths</i> <i>Surfactants</i> <i>Toners</i>
0799	Chemical products, n.e.c.	
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).	
	<i>Includes:</i>	Coal, coal dust, coke, crude oil, gasoline, natural gas, petroleum, petroleum distillates and fuels
	<i>Excludes:</i>	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.	
	<i>Includes:</i>	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 zenon*

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

0951 Cyanates

Cyanates
Di-isocyanates

Isocyanates
Toluene-di-isocyanates (TDI)

0952 Resins

Acrylic resin
Epoxy resin

Resin
Silicone resin

0953 Urethanes

Polyurethane

Urethane

0954 Vinyl chloride, polyvinyl chloride

Polyvinyl chloride
Polyvinyl chloride monomer

Vinyl chloride
Vinyl chloride monomer

0959 Plastics, resins, n.e.c.

Bakelite
Elastomer
Ethyl silicate
Ethylene diamine
Monomer

PAPI
Polymer
Polypropylene
Polystyrene
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

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

0979 Sulfur and sulfur compounds, n.e.c.
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.

Excludes: Cases, cabinets, racks, shelves (21); bathtubs (2421); coffee makers (3321); septic tanks (612); hot tubs (645); sleeping bags, back packs, portable coolers, and thermoses (781).

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--filing**Boxes--newsboard**Boxes--setup**Boxes--wooden**Cases--plastic utility**Chicken coops (crates)**Coffins**Egg cartons**Food boxes**Mailing cases**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 baskets</i> <i>Fruit baskets</i> <i>Lobster 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>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>
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	

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

125 Propane tanks**129 Containers--pressurized, n.e.c.**

Air receiver tanks
Beer kegs
Pressure cylinders

Pressure gas tanks
Pressure housings

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.

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
Bales of hay

Bundles of shingles

132 Packages, parcels

Mailing packages, parcels
Paper packages, parcels

133 Reels, rolls

Beams, bolts of fabric
Reels of metal banding, wire
Reels of steel wool

Rolls of carpet
Rolls of fabric
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).

150 Luggage, handbags, unspecified

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

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 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.		
	<i>Includes:</i>	Lighting equipment; plumbing fixtures.	
	<i>Excludes:</i>	Electric parts, wiring (441); plumbing system (612).	
240	Other fixtures, unspecified		
241*	Lighting equipment		
	This source group classifies home, office, and industrial lighting equipment.		
	<i>Includes:</i>	Lamps; light bulbs (incandescent or fluorescent); neon lights, stop lights, chandeliers.	
	<i>Excludes:</i>	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.		
	<i>Includes:</i>	Bathtubs; sinks; toilets; showers, faucets.	
	<i>Excludes:</i>	Pipes (412); valves (423).	
	2420	Plumbing fixtures, unspecified	
	2421	Bathtubs	
	2422	Sinks	
	2423	Toilets	
	2429	Plumbing fixtures, n.e.c.	<i>Showers</i>
		<i>Faucets</i>	
249	Other fixtures, n.e.c.		
29	Furniture and fixtures, n.e.c.		

* - 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.

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.

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**

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

Harrows

Discs

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.

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.

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, skidder****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); 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

Diamond drills

Jet flame drills

Mechanical miners

Rock drills

Water-jet drills

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

3242 Mineral sorters, separators, concentrators**3243 Tunneling machines***Bore tunneling machine**Horizontal boring machine***3249 Mining and drilling machinery, n.e.c.***Mineral property analyzers***325* Road grading and surfacing machinery**

This source group classifies machinery which primarily perform road grading and surfacing operations.

Includes: Asphalt and mortar spreaders; graders, levellers, planers, scrapers; road linemarking machinery; steam rollers, road pavers.

Excludes: Construction, logging, and mining machinery (32); street sweeping and cleaning machinery, cherry pickers (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***Asphalt pavers**Slip-form pavers**Concrete pavers***3259 Road grading and surfacing machinery, n.e.c.****329* Other construction, logging, and mining machinery**

This source group classifies construction, logging, and mining machinery which perform specific functions or processes other than those previously classified.

Includes: Mineral agitators, mixers; compactors, crushers, pulverizers; pile drivers, tamping machinery; pile extractors.

Excludes: Agricultural and garden machinery (31); 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***Cement mixers (except trucks)***3292 Compactors, crushers, pulverizers--earth, mineral***Coal breakers**Coal crushers***3293 Pile drivers, tamping machinery***Drop hammers**Pile hammers***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); 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.

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.

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); 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.

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.

Includes: Belt conveyors; bucket, cup conveyors; chain conveyors; live roller conveyors; pan conveyors; pneumatic conveyors; screw, auger conveyors; 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

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.

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

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 and automobile wrecker 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 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

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.

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 is the source, use code 6222 (Floor of elevator).

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

Includes: Truck-mounted bucket or basket hoists; dumbwaiters; electric elevators; hydraulic elevators; hand-operated elevators; manlifts.

Excludes: Powered conveyors (342); overhead hoists (344); elevator floors (6222); forklifts (851).

3460 Elevators, unspecified
3461 Bucket or basket hoist--truck mounted
3462 Dumbwaiters
3463 Elevators--electric
3464 Elevators--hydraulic
3465 Elevators--hand operated
3466 Manlifts
3469 Elevators, 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.

Excludes: Elevators (346).

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.

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.

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; EDM's, laser cutting, pressure fluid cutting, spot welding machinery.

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

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 calenders are classified in 3741 (Calenders/supercalenders--paper production). All other calenders are classified here.

Includes: Bending, crimping machines; shearing machines; rolling mills, roll, calendering machinery.

Excludes: Calenders used in the paper production industry (3741).

3510 Bending, rolling, shaping machinery, unspecified

3511 Bending, crimping machines

3512 Shearing machines

3513 Rolling mills, rolling, calendering machinery

3519 Bending, rolling, shaping machinery, n.e.c.

352* Boring, drilling, planing, milling machinery

This source group classifies machinery which primarily perform material cutting functions (boring, drilling, planing, and milling). The drilling process creates a hole while the boring process enlarges and trues existing holes. Reamers are used to produce precise hole sizes with a smooth finish. Planers cut large, flat surfaces on a workpiece, or cut many small parts simultaneously. Many milling machines are being replaced by machining centers (3523) which do a number of different operations--milling, drilling, boring, facing, spotting, counterboring, threading, and tapping--in a single setup.

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

3523 Milling machines

Broaching machines

Machining centers

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, abraders; 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, abraders
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.

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

Includes: Electrochemical and discharge machinery (EDM's); laser cutting machinery; pressure fluid cutting machinery; spot welding machinery.

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.
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); 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.

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

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

- 3721 Medical machinery and equipment, except x-ray**
- 3722 X-ray, magnetic resonance imaging (MRI's), and fluoroscope machinery and equipment**
Fluoroscopic x-ray Therapeutic x-ray
Radiographic 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, calendaring 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

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

- 3752 Engraving machinery
 3753 Presses--printing
 3754 Typesetting machinery
 3759 Printing machinery and equipment, n.e.c.

376* Textile, apparel, leather production machinery

This source group classifies special process machinery and equipment 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</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).

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

391* Audio and video equipment

This source group classifies equipment and electronic appliances which are used to transmit, receive, play, and record audio and video communications.

Includes: Radios, stereos, and other audio equipment; telephones and communication equipment; televisions; 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).

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

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 sweeping and cleaning machinery (including cherry pickers); 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

* - 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.

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*

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.

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.

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.

Includes: Ceiling tiles; drain, roof, and multipurpose ceramic or stone tiles; roof shingles; vinyl floor tiles.

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

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* *Latches*
 - Hinges* *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

Excludes: Variable restraint containers (13); electrical wire (4411); cable (4422); 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.

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.**

422* Ropes, ties

This source group classifies ropes and ties of any composition that are used primarily for binding things together.

Includes: Bands; bungee cords; chains, n.e.c.; rope, twine, string; strapping; nonelectrical wire.

Excludes: Fasteners (421); electrical wire (4411); cable (4422).

- 4220 Ropes, ties, unspecified**
- 4221 Bands**
- 4222 Bungee cords**
- 4223 Chains, n.e.c.**
- 4224 Rope, twine, string**
- 4225 Strapping**
- 4226 Wire--nonelectrical**
- 4229 Ropes, ties, n.e.c.**

423 Valves, nozzles

This source group classifies valves which are primarily used for connecting pipe together, or are used to control the flow of liquids and gases through a system.

Includes: Valves, nozzles.

Excludes: Hoses (122); pressure lines (124); pipes (412).

429 Fasteners, connectors, ropes, ties, n.e.c.

43* Hoisting accessories

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

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, grappels, 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. 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.

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.

Includes: Electrical wiring; generators; magnetic and electrolytic apparatus; motors; power lines, transformers, convertors; relays, rheostats, starters, controls; switchboards, switches, fuses; 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**
- 4419 Electric parts, n.e.c.**

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).

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

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.

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, cable, winches; nonvehicle engines, turbines; friction clutches; gears; rollers.

Excludes: Roller conveyors (3412); molding machinery (353); hoisting accessories (43); vehicle engines (4823).

4420 Machine and appliance parts, unspecified

4421 Dies, molds, patterns

4422 Drives--chain, leather, fabric, vee belt

4423 Drums, pulleys, sheaves

Cable

Winches

4424 Engines, turbines, except vehicle

4425 Friction clutches

4426 Gears

4427 Rollers

4429 Machine and appliance parts, n.e.c.

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.

If a part is known to be **unattached** and independent of a tool or machine, or if it is **unknown** whether a tool or machine is involved, then that specific part should be selected as the source.

Includes: Unattached drill bits; unattached saw blades.

Excludes: Machinery (3); stationary drills (3521); stationary sawing machinery (357); nonpowered cutting handtools (712); powered cutting handtools (722).

4430 Tool parts, accessories, unspecified

4431 Drill bits--unattached

4432 Saw blades--unattached

4439 Tool parts, accessories, n.e.c.

449 Machine, tool, and electric parts, n.e.c.

45* Metal materials--nonstructural

This major group classifies nonstructural metal materials that are primarily formed to be further developed into structural metal products (e.g., reinforcing bar, sheet metal, but may also remain in a nonstructural condition as well (e.g., precious metal ingots, bars, etc.).

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

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, waterproofers, 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, waterproofers, n.e.c.**
- 469 Tars, sealants, caulking, insulation, n.e.c.**

47* Tarps and sheeting--nonmetal

This source group classifies nonmetal plastic, felt, and other fabric tarps and sheeting primarily used to protect the interiors and surfaces of structural elements such as roofs, ceilings, walls, and floors.

Includes: Roofing paper, roofing felt; plastic tarps, ground cloths, fabric sheeting.

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.**

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.

If a part is known to be **unattached** and independent of a vehicle, or if it is **unknown** whether a vehicle is involved, then that specific part should be selected as the source.

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

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.

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).

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

49* **489 Vehicle and mobile equipment parts, n.e.c.**
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, 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 (spiders, ticks, scorpions, etc.)****515* Mammals, except humans**

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

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; 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, 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).

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 self-injured persons; 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 heart attacks (not attributed to other sources) or 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.

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 as well as non-family relations including co-workers, ex co-workers, and patients.

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 of injured or ill worker.

570 Person--other than injured or ill worker, unspecified**571 Bodily fluids or substances of person**

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

- 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.
- 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 limbs, or if it is unclear whether limbs are attached.

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.

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).

Note that roofs, even when used as working surfaces, are classified in source group 634 (Roof).

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); 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.

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.

Includes: Ditches, channels, trenches, excavations.

Excludes: Floors (622); basement floors (6221); ground surfaces (623); mines (6441).

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; 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.**

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).

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, and tunnels (including subway, train, sewer, and pedestrian tunnels).

Includes: Mines, mine tunnels; pedestrian tunnels; sewers, manholes, storm drains; subway and train tunnels.

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).

- 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; 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.

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.

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.

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

Excludes: Unattached drill bits (4431); boring and drilling machinery (352); upright drill presses (3521); powered boring handtools (721).

7110 Boring handtools--nonpowered, unspecified

7111 Augers

<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>Bread knives</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>Stilettoes</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>X-Acto 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

This source group classifies nonpowered handtools which are commonly used for turning up, loosening, or removing earth.

Includes: Hoes; picks; shovels; trowels; post hole diggers.

Excludes: Excavating machinery (321); pitchforks (7193); rakes (7194).

7130 Digging handtools--nonpowered, unspecified**7131 Hoes**

Hoes--garden
Hoes--grub

Hoes--masons'
Hoes--scuffle

7132 Picks

Pick-axes
Picks--ice

Mattocks(combination adz, pick, and axe)

* - 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

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

		<i>Dividers</i>	<i>Trammel heads</i>
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.	
	<i>Includes:</i>	Hammers; mallets; punches, counterpunches, countersinks; sledges.	
	<i>Excludes:</i>	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 *Straight tip*
Ratchet drivers

7182 Wrenches

Spanners *Wrenches--open-end*
Wrenches--adjustable *Wrenches--pipe*
Wrenches--allen *Wrenches--socket*
Wrenches--box *Wrenches--spark-plug*
Wrenches--monkey *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 *Leaf skimmers*
Brooms--push *Mops*
Brooms--straw *Rags*
Brushes--cleaning *Ram rods (cleaning rods)*
Brushes--steel *Sponges*
Dusters--feather

7192 Crowbars

Nail pullers *Prying bars*
Pinch bars (large crowbars) *Wrecking bars*

7193 Pitchforks, sading forks

Garden fork *Manure fork*
Hay fork

7194 Rakes

Rakes--garden *Rakes--swimming pool*
Rakes--leaf

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

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. 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).

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

- 7260 Welding and heating handtools--powered, unspecified**
- 7261 Blow torches**
- 7262 Soldering irons--powered**
Burning systems *Tips--soldering*
Electric burn-in knives *Tiplets--soldering*
Soldering coppers *Soldering Irons*
Soldering tools *Woodburning sets*
Soldering guns *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 *Point drivers*
Nail guns--electric
Nail guns--gunpowder activated

7293 Scrubbers--powered

7294 Sprayers--paint

- 7295 Stapling tools--electric or pneumatic**
Staple guns--electric *Staple guns--pneumatic*
Staple guns--gunpowder activated

- 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

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

731* Boring handtools--power not determined

For a specific definition of this source group, refer to the corresponding source group under nonpowered (71) or powered (72) handtools.

- 7310 Boring handtools--power not determined, unspecified**
- 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.; 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

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

Included in this source group are photosensitive papers and cloths which are used in developing and printing photographs.

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).

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 and self-contained breathing apparatus (SCBA).

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

Oxygen tanks are classified in source group 123 (Oxygen tanks).

- 777 Safety glasses or goggles**
779 Protective equipment, except clothing, n.e.c.

78* Recreation and athletic equipment

This major group classifies indoor and outdoor recreation and athletic equipment.

Includes: Camping equipment; gymnasium and exercise equipment; playground equipment; riding goods and equipment; snow skiing goods and equipment; water sports 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).

<i>Back packs</i>	<i>Portable lanterns</i>
<i>Canteens</i>	<i>Sleeping bags</i>
<i>Mess kits</i>	<i>Tents and accessories</i>
<i>Portable coolers</i>	<i>Thermoses</i>

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.

<i>Exercise cycles</i>	<i>Jump ropes</i>
<i>Exercise machines</i>	<i>Rowing machines</i>
<i>Gym mats</i>	<i>Treadmills</i>
<i>Jogging machines</i>	<i>Weight-lifting equipment</i>

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.

<i>Jungle bars</i>	<i>Sliding boards</i>
<i>Play sets--outdoor</i>	<i>Swing sets</i>
<i>Sandboxes</i>	<i>Swings</i>

784 Riding goods and equipment

This source group classifies horse riding goods and equipment. Included here is saddlery and other related equipment.

<i>Crops</i>	<i>Saddlery</i>
<i>Reins</i>	<i>Saddles</i>

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, and sailboards.

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>

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>	

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; 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; rifles; shotguns.

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>Banjos</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>Harpichords</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**

This source group classifies nonmotorized and motorized 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); modelling clay (553); paint brushes (7199).

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

Combs

Curlers

Fly swatters

Globes--geographical

Lighters

Matches--book

Soap dispensers

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 code should be selected whenever the event is a transportation accident.

If a vehicle part that produces an injury is **attached** to a vehicle, then the entire vehicle should be listed as the source.

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 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); street sweeping and cleaning machinery (3996); unattached vehicle and mobile equipment parts (48); floor surface of a vehicle (6225).

80 Vehicle, unspecified**81* Air vehicle**

This major group classifies fixed- and rotary-winged aircraft. The aircraft may be designed for public, private, and 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. Included here are vertical take-off and landing type aircraft (VTOL), and short take-off and landing type aircraft (STOL). 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.****812* Aircraft--powered rotary wing**

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

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 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.

A motorized highway vehicle code should be selected whenever the event is a transportation accident involving a highway vehicle(s).

Includes: Automobiles; buses; motorcycles, mopeds; 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

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.

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

Includes: Delivery trucks; dump trucks; pickup trucks; semitrailers, tractor trailers, and trailer trucks.

Excludes: Powered industrial carriers (852); tractors (853); handtrucks (861)

8250 Truck, unspecified
8251 Delivery truck
8252 Dump truck
8253 Pickup truck
8254 Semitrailer, tractor trailer, trailer truck
8259 Truck, n.e.c.
 Fire trucks

826 Van--passenger or light delivery

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.

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;

Excludes: Motorcycles, dirt bikes (823); jeeps, four-wheel drive trucks (8259); mountain bicycles (8312).

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

This major group classifies forklifts, powered industrial carriers (except forklifts), and tractors which are used for carrying and transporting heavy materials. Tractors which are connected to agricultural or construction machinery implements are classified in division 3 (Machinery).

Includes: Forklifts; powered industrial carriers; tractors.

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

Excludes: Tractors connected to agricultural or construction machinery implements (3); 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.

Excludes: Material handling machinery; conveyors; cranes; overhead hoists; powered jacks (34).

- 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: 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. Specialized agricultural or construction machinery which consist of a tractor and the specialized attachment are classified in division 3 (Machinery). This source group is used to classify tractors only.

859 Plant and industrial powered vehicle, n.e.c.

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; wheelbarrows.

- 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

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

871 Amusement park rail vehicle
Monorail rides
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 made from any fabric.

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).

* - 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**

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: 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.

9310	Air pressure, unspecified
9311	High pressure
9312	Low pressure

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

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****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).

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.**

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

939* Other environmental conditions

- 9391 Noise
- 9392 Sun
- 9399 Environmental conditions, n.e.c.

94* Paper, books, magazines

This major group classifies paper and paper products such as books and magazines.

Excludes: Containers (1); photographic paper (762).

- 940 Paper, books, magazines, unspecified
- 941 Books, notebooks, magazines, catalogues
- 942 Paper, sheets
- 949 Paper, books, magazines, n.e.c.

95* Scrap, waste, debris

This major source group classifies discarded fragments of unknown origin such as ashes, garbage, sewage, etc.; as well as other dirt, glass, metal, wood, 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.****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).

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

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

This source group classifies water with temperature above the freezing point and 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.

9999 **Nonclassifiable**

Use this code when the source that inflicted the injury is not known.

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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.

2.4-3

2.4.2 Event or Exposure--Titles and Descriptions

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.

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

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. If a person strikes against an object due to falling, the injury is classified in Division 1, Falls.

010 Struck against object, unspecified**011** Stepped on object**012** Struck against stationary object**013** Struck against moving object**019** Struck against object, n.e.c.**02*** Struck by object

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 stabbings, shooting, or other violence are coded in Division 6.

020 Struck by object, unspecified**021** Struck by falling object

Struck by falling object (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.

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. **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 discharged from a pressure cleaner, a staple from a staple gun.

023* Struck by swinging or slipping object

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

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** includes cases where the worker is holding a knife, razor, tool, or other instrument that slips and injures the worker.

- 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 on floor or ground level

Struck by rolling, sliding objects 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 involving contact with moving vehicles which are not in normal operation (as defined in Division 4) would be coded here.

029 Struck by object, 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*.

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.

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 should be coded 032.

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**.

- 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**
- 039 Caught in or compressed by equipment or objects, n.e.c.**

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.

Event group 043, **Landslide** includes avalanches.

- 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.**

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

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.

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.

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.

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) are coded as **Fall through existing floor opening** (1121). 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 surfaces** (1151) and **Falls through roof surfaces** (1152).

Fall from ground level to lower level (1124) includes falls into stormdrains, sewers, excavation pits.

Finally, **Fall from nonmoving vehicle** (code 118) should be used only when the injured employee fell from a vehicle that was not involved in a transportation accident as defined in Division 4.

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.**

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

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.

- 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.*

- 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, or from repetition of a bodily motion.*

20 **Bodily reaction and exertion, unspecified****21*** **Bodily reaction**

Codes in this major group apply to injuries or illnesses 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 or other internal 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 major group includes cases involving musculo-skeletal or internal 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.

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.

- 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, welding, 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.

- 220** **Overexertion, unspecified**
- 221** **Overexertion in lifting**
- 222** **Overexertion in pulling or pushing objects**
- 223** **Overexertion in holding, carrying, turning, or welding 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.*

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).

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

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.

29 Bodily reaction and exertion, n.e.c.

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.

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 occurring when a ladder 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 a 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.

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.

- 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, animal bites and stings, etc.

340 Exposure to caustic, noxious, or allergenic substances, unspecified**341* Inhalation of substance**

If the exposure occurred by inhaling a substance in an enclosed, restricted or confined space, classify the event in code 3411. Examples of confined or restricted spaces are storage tanks, vats, sewers, boilers, tanks, or cars. Use codes in this major group only if the description indicates that the exposure *occurred in a space with limited air flow*.

- 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**

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, stings, and needle sticks which transmit an infectious agent.

The nature of injury or illness must be considered in determining whether the needle sticks or animal bites result in exposure to a harmful substance. For example, if a dog bite results in rabies, the injury/illness will usually be coded as rabies, therefore, the event code should be 3433, **Other stings or venomous bites**. If there is no evidence of an infection more serious than the cut, the Nature would be coded under Cuts and lacerations and the event code would be **Assaults by animals** (major group 63).

- 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.

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

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.

- 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.

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 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 not classified under this major group.

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. Examples of confined or restricted spaces are storage tanks, vats, sewers, boilers, tanks, or cars.

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 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

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 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. 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, other nonpowered highway vehicles
Air, rail, or water vehicles
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*

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.

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

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.

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.

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.

- 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 stationary object or equipment in roadway

Codes in this event group apply to cases in which the injured person was an occupant of a vehicle which struck a stationary object or a piece of equipment, other than a vehicle, in the roadway. For example, use this code if the vehicle hit a concrete lane divider or a box lying in the road. Injuries to occupants of vehicles which strike stationary road repair equipment are coded here if the equipment is in the normal roadway area, including lanes under repair or blocked off to hold equipment.

413 Vehicle struck stationary object, equipment on side of road

Codes in this event group apply to cases in which the injured person was an occupant of a vehicle which struck a stationary object or a piece of equipment *on the side of the roadway*. Use this code if the vehicle hits a guardrail, telephone pole, or stationary road repair equipment which is not on the roadway.

414* Noncollision accident

* - 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 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 when the vehicle was also out of control.

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 movement of the vehicle results in any of these events affecting the occupant:

Bodily motion
Striking against interior parts of the vehicle.
Being thrown out of the vehicle.

Injuries incurred solely by the jolting of the vehicle when hitting a defect or small obstruction in the roadway such a pothole, or riding over a raised piece of concrete roadway are classified as **Noncollision accident, n.e.c.** (4149).

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.

42* Nonhighway accident, except rail, air, water

Nonhighway accidents which injure the occupants are accidents that occur or originate entirely off the highway or that occur or originate 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).

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 forklift then hit a stack of lumber, code the collision with the forklift (421) as the event.

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.

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

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 stationary object

Codes in this event group apply to cases in which the injured person was an occupant of a vehicle which struck a stationary object or a piece of equipment, other than a vehicle, 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.

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). 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.

Use code 4233 if a vehicle overturned, even when the vehicle was also out of control.

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 the movement of the vehicle results in any of these events affecting the occupant:

Bodily motion
Striking against interior parts of the vehicle.
Being thrown out of the vehicle.

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.
4239 Noncollision accident, n.e.c.

429 Nonhighway accident, n.e.c.

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

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.

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.

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.

Person struck as they are getting out of vehicles should be considered outside the vehicle and coded in this section.

- 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

All incidents involving water vehicle collisions, sinkings, capsizing; explosions or fires on such vehicles; 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.

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

- 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.

- 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, jumped, inhaled a harmful substance, or was struck by or struck against an object as a result of an explosion or fire.

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. Uncontrolled, but intentionally set fires such as arson are included here. Fires resulting from bombings are coded here.

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.

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.

Event group 522, Explosion of pressure vessel or piping includes explosions of aerosol cans and automobile tires.

- 520 Explosion, unspecified**
- 521 Explosion of battery**
- 522 Explosion of pressure vessel or piping**
- 529 Explosion, n.e.c.**

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

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.

60 Assaults and violent acts, unspecified**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 (or persons) or by violent, harmful actions of unknown intent by a person.

Examples of harmful actions of unknown intent include:

Instances involving violent acts (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.

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).

- 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.

- 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. 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
<p>Nature of Injury or Illness Code Titles</p>

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 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
- 89 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, 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 and other eczema
- 1823 Allergic dermatitis
- 1824 Irritant 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

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

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
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.

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

- 28 Multiple trunk locations**
- 29 Trunk, n.e.c.**
- 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)
 - 4322 Arch(es)
 - 4323 Heel(s)
 - 4328 Multiple sole(s) locations
 - 4329 Sole(s), n.e.c.

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

438 Multiple foot(feet) locations
439 Foot(feet), n.e.c.
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, skidder
- 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
- 3460 Elevators, unspecified
- 3461 Bucket or basket hoist--truck mounted
- 3462 Dumbwaiters
- 3463 Elevators--electric
- 3464 Elevators--hydraulic
- 3465 Elevators--hand operated
- 3466 Manlifts
- 3469 Elevators, 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
- 4220 Ropes, ties, unspecified
- 4221 Bands
- 4222 Bungee cords
- 4223 Chains, n.e.c.
- 4224 Rope, twine, string
- 4225 Strapping
- 4226 Wire--nonelectrical
- 4229 Ropes, ties, 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.**

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

- 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.

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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

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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**

- 010 Struck against object, unspecified
- 011 Stepped on object
- 012 Struck against stationary object
- 013 Struck against moving object
- 019 Struck against object, n.e.c.

02* **Struck by object**

- 020 Struck by object, unspecified
- 021 Struck by falling object
- 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 on floor or ground level
- 029 Struck by object, 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
- 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 stationary object or equipment in roadway
- 413 Vehicle struck stationary object, equipment 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.
4175	Abdominal pain, unspecified	0730	Air pressure effects, unspecified
4211	Abnormal blood level of lead	1823	Allergic 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
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	1332	Angina
4163	Abnormal sputum	1332	Angina pectoris
4129	Abnormality of gait	0951	Animal or insect bites, venomous
081	Abrasions, cuts, bruises	032	Animal or insect bites--nonvenomous
041	Abrasions, scratches	259	Anisakiasis
1812	Abscess, skin, and cellulitis	4219	Anisocytosis
164	Abscess, breast	171	Ankylosis of the joint
155	Abscess, intestinal	1231	Anoxic brain damage
294	Acariasis (including scabies, chiggers, mites)	013	Anterior cord syndrome
422	Acetonuria	1229	Anterior horn cell disease
1841	Acne	1451	Anthrax
1841	Acne varioliformis	2123	Anthrax
2211	Acquired immune deficiency syndrome (AIDS)	4174	Anuria
1892	Acquired keratoderma	521*	Anxiety, stress, neurotic disorders
2198	Actinomycotic infections	5210	Anxiety, stress, neurotic disorders, unspecified
1813	Acute abscess of lymph gland or node (lymphadenitis)	1372	Aortic aneurysms--nontraumatic
1359	Acute and subacute endocarditis	094	Aortic aneurysms, traumatic
1341	Acute cor pulmonale	4149	Aphasia
1813	Acute lymphadenitis (acute abscess of lymph gland or node)	112	Aplasia
1359	Acute non-toxic myocarditis	112	Aplastic anemia
1359	Acute pericarditis	0721	Apoplexy, heat
2221	Acute poliomyelitis	2212	ARC--AIDS-related complex
1341	Acute pulmonary artery or vein embolism	1379	Arterial embolism--nontraumatic
1341	Acute pulmonary artery or vein infarction	094	Arterial hematoma
141	Acute respiratory infections (including common cold)	1379	Arterial thrombosis--nontraumatic
1351	Acute toxic myocarditis	137*	Arteries, arterioles, capillaries diseases
1422	Adenoids--chronic diseases	1349	Arteriovenous fistula of pulmonary vessels
125*	Adnexa, eye, vision disorders	171	Arthritis
0731	Aero-otitis media	171	Arthropathies and related disorders (arthritis)
0732	Aerosinusitis	1919	Arthropathy--gouty
113	Agranulocytosis or neutropenia	171	Arthropathy--nongouty
2211	AIDS--diagnosed	224*	Arthropod-borne viral diseases
2212	AIDS-like syndrome, AIDS-related complex (ARC)	2249	Arthropod-borne viral diseases, n.e.c.
2212	AIDS-related complex (ARC)	2240	Arthropod-borne viral diseases, unspecified
299	Ainhum	1452	Asbestosis
0962	Air embolism, traumatic	259	Ascariasis
073	Air pressure effects	419	Ascites
0738	Air pressure effects, multiple	2223	Aseptic meningitis
		249	Aspergillosis
		091	Asphyxiations/strangulations, suffocations
		1849	Asteatosis--cutis
		1461	Asthma, cotton-dust
		1444	Asthma, extrinsic
		1449	Asthma, intrinsic
		1451	Asthma, miner's
		1461	Asthma, stripper's
		1495	Atelectasis, collapsed lung

*Titles -not used for case coding

NATURE CODE INDEX

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
 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
 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
 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, 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
 1231 Brain damage, anoxic
 164 Breast abscess
 3112 Breast cancer
 232 Brill-Zinsser disease
 011 Broken cartilage
 141 Bronchiolitis--acute
 1441 Bronchitis
 141 Bronchitis--acute but not 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
 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
 059 Burns, n.e.c.
 059 Burns, radiation
 1839 Burns, sun
 050 Burns, unspecified
 1731 Bursitis
 1461 Byssinosis, Mill fever

C

0733 Caisson disease, bends, divers' palsy
 1891 Callus
 3112 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 dysrhythmias
 1331 Cardiac infarction
 4159 Cardiac murmurs
 1359 Cardiomyopathy
 2132 Cardiovascular syphilis
 415* Cardiovascular system symptoms
 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

*Titles -not used for case coding

NATURE CODE INDEX

121*	Central nervous system inflammatory diseases	311*	Connective tissue or bone neoplasms and tumors, malignant
1221	Cerebellar ataxia	321*	Connective tissue, bone, and skin neoplasms, benign
1369	Cerebral artery occlusion	1822	Contact dermatitis and other eczema
061	Cerebral hemorrhages	043	Contusions, bruises
061	Cerebral hemorrhages--no mention of an underlying cause	4112	Convulsions, seizures
136	Cerebral hemorrhages--nontraumatic	1891	Corns and callosities (including callus, clavus)
136*	Cerebrovascular disease	1331	Coronary (artery) embolism--nontraumatic
1369	Cerebrovascular disease, n.e.c.	1339	Coronary atherosclerosis
1360	Cerebrovascular disease, unspecified	1461	Cotton-dust asthma
235	Chagas' disease	1461	Cotton-mill fever
1253	Chalazion, ophthalmia, iritis	2232	Cowpox and paravaccinia
051	Chemical burns	060	Crushed head
4164	Chest pain--nontraumatic	0971	Crushing injuries
416*	Chest symptoms	094	Crushing injuries involving internal organs
2233	Chickenpox	060	Crushing injuries involving the head
294	Chiggers (Acariasis)	094	Crushing injuries involving the trunk--fatal
0719	Chilblains	249	Cryptococcosis
4119	Chills	422	Crystalluria
1841	Chloracne	1241	CTS--Carpal Tunnel Syndrome
091	Choking on food or other substances	1741	Curvature of spine
261	Cholera	081	Cuts, abrasions, bruises
1253	Chorio-retinal inflammations	034	Cuts, lacerations
1259	Choroid disorders	4132	Cyanosis
249	Chromoblastomycosis	1815	Cyst, pilonidal
1422	Chronic conditions of upper respiratory tract (including chronic sinusitis)	1842	Cyst, sebaceous
1422	Chronic diseases of adenoids	1919	Cystic fibrosis
1422	Chronic diseases of tonsils	1735	Cystic tumor
119	Chronic lymphadenitis	1621	Cystitis
144*	Chronic obstructive pulmonary disease and allied conditions	2299	Cytomegalovirus
1440	Chronic obstructive pulmonary disease and allied conditions, unspecified		
1449	Chronic obstructive pulmonary diseases and allied conditions, n.e.c.		D
131	Chronic rheumatic heart disease	51	Damage to prosthetic devices
1422	Chronic sinusitis	1831	Dandruff
1897	Chronic skin ulcers	1261	Deafness, hearing loss or impairment
422	Chyluria	0319	Decapitation
13*	Circulatory system diseases	2122	Deerfly fever
139	Circulatory system diseases, n.e.c.	122*	Degenerative diseases of the central nervous system
130	Circulatory system diseases, unspecified	1229	Degenerative diseases of the central nervous system, n.e.c.
159	Cirrhosis, liver	1220	Degenerative diseases of the central nervous system, unspecified
232	Classic typhus	2242	Dengue
1891	Clavus	012	Depressed fracture
1451	Coal workers' pneumoconiosis (including anthracosis, black lung, miner's asthma)	182*	Dermatitis
244	Coccidioidomycosis	1826	Dermatitis due to substances taken internally
269	Coccidiosis	1823	Dermatitis, allergic
424	Coin lesion or shadow of lung	1821	Dermatitis, atopic
141	Cold, common	1824	Dermatitis, irritant
267	Colitis, infectious	1829	Dermatitis, n.e.c.
154	Colitis, noninfectious	1820	Dermatitis, unspecified
1495	Collapsed lung	242	Dermatomycosis
012	Comminuted fracture	241	Dermatophytosis (including athlete's foot, tinea)
141	Common cold	3134	Di Guglielmo's disease
012	Compound fracture	1912	Diabetes
062	Concussions	4179	Difficulty in swallowing
226*	Conjunctiva diseases, viral	417*	Digestive and urinary system symptoms
1252	Conjunctivitis, unknown causal agent	15*	Digestive system diseases and disorders
2262	Conjunctivitis, viral	159	Digestive system diseases and disorders, n.e.c.
1252	Conjunctivitis--non-viral	150	Digestive system diseases and disorders, unspecified
3112	Connective and other soft tissue cancer	2192	Diphtheria, whooping cough
332	Connective and other soft tissue neoplasms and tumors of unknown properties	1723	Disc disorders, except dislocation
170	Connective tissue and Musculoskeletal system diseases and disorders, unspecified		

*Titles -not used for case coding

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1912	Diseases and disorders of other endocrine glands	152	Duodenitis
163*	Diseases and disorders of the genital tract	152	Duodenum, esophagus, stomach diseases
1639	Diseases and disorders of the genital tract, n.e.c.	268	Dysentery
1630	Diseases and disorders of the genital tract, unspecified	4179	Dysphagia/difficulty in swallowing
1911	Diseases and disorders of thyroid gland	4179	Dysuria
137*	Diseases of arteries, arterioles, capillaries		
1379	Diseases of arteries, arterioles, capillaries, n.e.c.		E
1370	Diseases of arteries, arterioles, capillaries, unspecified	4122	Earache
119	Diseases of blood and blood forming organs, n.e.c.	2131	Early syphilis
152	Diseases of esophagus, stomach, duodenum	253	Echinococcosis
1894	Diseases of hair and hair follicles (including folliculitis)	4131	Edema (including dropsy)
134*	Diseases of pulmonary circulation	0724	Edema, heat
1349	Diseases of pulmonary circulation, n.e.c.	1493	Edema, pulmonary
1340	Diseases of pulmonary circulation, unspecified	073*	Effects of air pressure
184*	Diseases of sebaceous glands	0739	Effects of air pressure, n.e.c.
1849	Diseases of sebaceous glands, n.e.c.	0730	Effects of air pressure, unspecified
1840	Diseases of sebaceous glands, unspecified	07*	Effects of environmental conditions
11*	Diseases of the blood and blood forming organs	079	Effects of environmental conditions, n.e.c.
110	Diseases of the blood and blood forming organs, unspecified	070	Effects of environmental conditions, unspecified
1893	Diseases of the nail (including ingrowing nail)	072*	Effects of heat and light
138*	Diseases of the veins, lymphatics	0729	Effects of heat and light, n.e.c.
1389	Diseases of the veins, lymphatics, n.e.c.	0720	Effects of heat and light, unspecified
1380	Diseases of the veins, lymphatics, unspecified	071*	Effects of reduced temperature
011	Dislocations	0719	Effects of reduced temperature, n.e.c.
164	Disorders of breast	0710	Effects of reduced temperature, unspecified
1269	Disorders of ear, mastoid process, and hearing, n.e.c.	093	Electric shocks
1895	Disorders of sweat glands (including prickly heat)	052	Electrical burns
126*	Disorders of the ear, mastoid process, hearing	425	Electrocardiogram (ECG, EKG), abnormal results
1260	Disorders of the ear, mastoid process, hearing, unspecified	093	Electrocutions, electric shocks
125*	Disorders of the eye, adnexa, vision	425	Electroencephalogram (EEG), abnormal results
1259	Disorders of the eye, adnexa, vision, n.e.c.	425	Electroretinogram (ERG), abnormal results
1250	Disorders of the eye, adnexa, vision, unspecified	012	Elevated fracture
124*	Disorders of the peripheral nervous system	037	Embedded foreign body
1240	Disorders of the peripheral nervous system, unspecified	0962	Embolism, air or fat--traumatic
18*	Disorders of the skin and subcutaneous tissue	1379	Embolism, arterial--nontraumatic
18*	Disorders of the skin and subcutaneous tissue	1389	Embolism, venous--nontraumatic
180	Disorders of the skin and subcutaneous tissue, unspecified	1442	Emphysema
4139	Disturbances of skin sensation	1499	Empyema
0733	Divers' palsy	1211	Encephalitis
155	Diverticula, intestinal	2243	Encephalitis, viral
014	Division of nerve	1359	Endocarditis, acute and subacute
4114	Dizziness	191*	Endocrine, nutritional, metabolic, and immunity disorders
032	Dog bite	1919	Endocrine, nutritional, metabolic, and immunity disorders, n.e.c.
172*	Dorsopathies	1910	Endocrine, nutritional, metabolic, and immunity disorders, unspecified
1729	Dorsopathies, n.e.c.	1912	Endocrine gland diseases and disorders
1720	Dorsopathies, unspecified	4153	Enlargement of lymph nodes
256	Dracontiasis	269	Enteritis, infectious
4131	Dropsy	154	Enteritis, noninfectious
092	Drownings	259	Enterobiasis
152	Duodenal ulcer	035	Enucleations
		07*	Environmental conditions effects
		070	Environmental conditions, effects of--unspecified
		232	Epidemic typhus
		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
		1539	Esophageal hernia

*Titles -not used for case coding

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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

F

4111 Fainting
 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
 256 Filarial infection and dracontiasis
 0311 Fingertip amputation
 05* First degree burns
 012 Fissured fracture
 094 Fistula, traumatic
 252 Fluke infections
 4133 Flushing and pallor
 1894 Folliculitis
 265 Food poisoning, botulism
 263 Food poisoning, salmonella
 265 Food poisoning, staphylococcal
 255 Food poisoning, trichinosis
 2297 Foot and mouth disease
 044 Foreign bodies (superficial splinters, chips)
 037 Foreign body--embedded
 044 Foreign body--no depth indicated
 2141 Fort Bragg fever
 011 Fractured cartilage
 1749 Fractures, pathological
 1749 Fractures, spontaneous
 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
 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
 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
 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
 0721 Heat pyrexia
 0721 Heat stroke
 0722 Heat syncope
 3134 Heilmeyer-Schoner disease
 25* Helminthiases
 259 Helminthiases, n.e.c.
 250 Helminthiases, unspecified
 3291 Hemangioma and lymphangioma--any site
 021 Hemarthrosis of joint capsule, ligament,
 muscle, or tendon
 043 Hematoma

*Titles -not used for case coding

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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
2251	Hepatitis, Type A viral
2252	Hepatitis, Type B viral
2250	Hepatitis, viral--unspecified
419	Hepatomegaly
153*	Hernia
1539	Hernia, esophageal
1539	Hernia, femoral
1532	Hernia, hiatal
1531	Hernia, inguinal
1539	Hernia, n.e.c.
1539	Hernia, paraesophageal
1531	Hernia, scrotal
153*	Hernia, strangulated
1539	Hernia, umbilical
1530	Hernia, unspecified
1533	Hernia, ventral
1231	Herniated brain
011	Herniated disc
2235	Herpes simplex
2234	Herpes zoster
1532	Hiatal hernia
426	Histological and immunological studies, abnormal findings
245	Histoplasmosis
2219	HIV infection, n.e.c.
2210	HIV infection, unspecified
1898	Hives, urticaria
3132	Hodgkin's disease
221*	Human immunodeficiency virus (HIV) infection
2210	Human immunodeficiency virus (HIV) infection, unspecified
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
1253	Inflammation 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
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	Intraspinal abscess--nontraumatic
1449	Intrinsic asthma
1253	Iritis, chalazion, ophthalmia
1824	Irritant dermatitis
133*	Ischemic heart disease, including heart attack
1339	Ischemic heart disease, n.e.c.
1330	Ischemic heart disease, unspecified
J	
4139	Jaundice, unspecified
151	Jaws, oral cavity, salivary glands diseases
295	Jigger disease
5214	Job-related stress
021	Joint capsule avulsion, hemarthrosis, or rupture

*Titles -not used for case coding

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02*	Joint injuries--traumatic	31*	Malignant neoplasms and tumors (cancers, carcinomas, sarcomas)
K		311*	Malignant neoplasms and tumors of bone or connective tissue
3133	Kahler's disease	3110	Malignant neoplasms and tumors of bone or connective tissue, unspecified
1842	Keratin	313*	Malignant neoplasms and tumors of lymphatic and hematopoietic tissue
1253	Keratitis	3130	Malignant neoplasms and tumors of lymphatic and hematopoietic tissue, unspecified
1259	Keratoconjunctivitis, ultraviolet	3139	Malignant neoplasms and tumors of lymphatic and hematopoietic tissue, n.e.c.
1892	Keratoderma, acquired	319	Malignant neoplasms and tumors of other sites
113	Kostmann's syndrome	312*	Malignant neoplasms and tumors of the skin
1341	Kyphoscoliotic heart disease.	3120	Malignant neoplasms and tumors of the skin, unspecified
L		424	Mammogram, abnormal results
034	Lacerations	012	March fracture
034	Lacerations of tendons in open wounds	141	Masopharyngitis--acute
4129	Lack of coordination	164	Mastitis of the breast
141	Laryngitis--acute	1264	Mastoiditis
1422	Laryngitis--chronic	2236	Measles
1422	Laryngotracheitis--chronic	1249	Median, ulnar, and radial nerves, lesion--nontraumatic
0959	Lead poisoning	031*	Medical amputations due to irreparable traumatic injuries
295	Leech infestation	3121	Melanoma of the skin (melanocarcinoma)
1433	Legionnaires' disease	2126	Melioidosis
234	Leishmaniasis	4129	Meningismus
2191	Leprosy	1212	Meningitis
2141	Leptospirosis	2249	Meningitis due to arthropod-borne virus
014	Lesion in continuity--nerve	2223	Meningitis due to enterovirus
013	Lesion of spinal cord	2141	Meningitis due to leptospira
1249	Lesion of the median, ulnar, and radial nerves, nontraumatic	2223	Meningitis, abacterial
3134	Leukemias	2223	Meningitis, aseptic
1836	Lichen	2223	Meningitis, viral
021	Ligament avulsion, hemarthrosis, or rupture	2195	Meningococcal infection
02*	Ligament injuries--traumatic	520	Mental disorder or syndrome, unspecified
0728	Light and heat effects, multiple	5221	Mental disorder, substance-induced
0729	Light and heat effects, n.e.c.	52*	Mental disorders or syndromes
0720	Light and heat effects, unspecified	529	Mental disorders or syndromes, n.e.c.
093	Lightning shock	5220	Mental disorders, organic (neurotic or psychotic), unspecified
012	Linear fracture	1462	Metal fume fever
3212	Lipoma (fatty tumor)	114	Methemoglobinemia
159	Liver cirrhosis	1232	Migraine
0722	Loss of consciousness associated with heat	2299	Miliary fever
4111	Loss of consciousness--no reference to heat	2113	Miliary tuberculosis
4111	Loss of consciousness--not heat related	1461	Mill fever
4142	Loss of voice, voice disturbances	1632	Miscarriage, spontaneous abortion
232	Louse or flea borne typhus	294	Mites (Acariasis)
0972	Low back pain	2299	Molluscum contagiosum
1255	Low vision, blindness--nontraumatic	1461	Monday fever
1722	Lumbago	3134	Monocytic leukemia
4153	Lymph node enlargement	2295	Mononucleosis, infectious
424	Lung coin lesion	427	Multiple abnormal findings
424	Lung shadow	5218	Multiple anxiety, stress, neurotic disorders
237	Lyme disease	3298	Multiple benign neoplasms and tumors of other sites
119	Lymphadenitis, chronic	3218	Multiple benign neoplasms of bone, connective tissue, and skin
3291	Lymphangioma--any site	058	Multiple burns
313*	Lymphatic and hematopoietic tissue neoplasms and tumors, malignant	481	Multiple chemical sensitivity
138*	Lymphatics, vein diseases	8	MULTIPLE DISEASES, CONDITIONS, AND DISORDERS
3134	Lymphoid leukemia	0738	Multiple effects of air pressure
3131	Lymphosarcoma and reticulosarcoma (lymphoma)	078	Multiple effects of environmental conditions
M		0728	Multiple effects of heat and light
295	Maggot infestations		
4113	Malaise and fatigue		
233	Malaria		
310	Malignant neoplasms and tumors (cancers, carcinomas, and sarcomas), unspecified		

*Titles -not used for case coding

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0718	Multiple effects of reduced temperature	1429	Nasal polyps
4118	Multiple general symptoms	141	Nasopharyngitis--acute but not chronic
068	Multiple intracranial injuries	1422	Nasopharyngitis--chronic
3118	Multiple malignant neoplasms and tumors of bone or connective tissue	4171	Nausea and vomiting
3138	Multiple malignant neoplasms and tumors of lymphatic and hematopoietic tissue	257	Necatoriasis
3128	Multiple malignant neoplasms and tumors of the skin	018	Neck fracture--fatal
3133	Multiple myeloma	012	Neck fracture--nonfatal
338	Multiple neoplasms and tumors of unknown properties	414*	Neck symptoms
0978	Multiple nonspecified injuries and disorders	339	Neoplasms and tumors of other sites of unknown properties, n.e.c.
038	Multiple open wounds	33*	Neoplasms and tumors of unknown properties
5228	Multiple organic mental disorders--neurotic or psychotic	330	Neoplasms and tumors of unknown properties, unspecified
1239	Multiple sclerosis	32*	Neoplasms and tumors, benign
048	Multiple surface wounds and bruises	31*	Neoplasms and tumors, malignant
418	Multiple symptoms	3*	NEOPLASMS, TUMORS, AND CANCER
4158	Multiple symptoms involving cardiovascular system	1611	Nephritis
4178	Multiple symptoms involving digestive or urinary system	161*	Nephritis, nephrotic syndrome, and nephrosis
4148	Multiple symptoms involving head and neck	1610	Nephritis, nephrotic syndrome, and nephrosis, unspecified
4128	Multiple symptoms involving nervous and musculoskeletal systems	1613	Nephrosis
4168	Multiple symptoms involving respiratory system and chest	1612	Nephrotic syndrome
4138	Multiple symptoms involving skin and other integumentary tissue	014	Nerve injury, except spinal cord--traumatic
48*	Multiple symptoms, signs, and ill-defined conditions	412*	Nervous and musculoskeletal systems symptoms
489	Multiple symptoms, signs, and ill-defined conditions, n.e.c.	12*	Nervous system and sense organs diseases
480	Multiple symptoms, signs, and ill-defined conditions, unspecified	129	Nervous system and sense organs diseases, n.e.c.
0968	Multiple traumatic complications	120	Nervous system and sense organs diseases, unspecified
08*	Multiple traumatic injuries and disorders	122*	Nervous system degenerative diseases--central
080	Multiple traumatic injuries and disorders, unspecified	124*	Nervous system disorders--peripheral
018	Multiple traumatic injuries to bones, nerves, spinal cord	121*	Nervous system inflammatory diseases--central
2292	Mumps	2133	Neurosyphilis
021	Muscle avulsion, hemarthrosis, or rupture	5219	Neurotic disorders, n.e.c.
02*	Muscle injuries--traumatic	521*	Neurotic disorders, stress, anxiety
1249	Muscular dystrophies	5214	Neurotic reaction to stress
412*	Musculoskeletal and nervous systems symptoms	113	Neutropenia
17*	Musculoskeletal system and connective tissue diseases and disorders	3132	Nodular sclerosis
170	Musculoskeletal system and connective tissue diseases and disorders, unspecified	2259	Non Type A or Type B viral hepatitis
179	Musculoskeletal system and connective tissue diseases and disorders, n.e.c.	222*	Non-arthropod-borne viral diseases of the central nervous system
24*	Mycoses	2220	Non-arthropod-borne viral diseases of the central nervous system, unspecified
249	Mycoses, n.e.c.	2229	Non-arthropod-borne viral diseases of the central nervous system, n.e.c.
240	Mycoses, unspecified	3122	Non-melanoma skin cancer (squamous and basal cell)
249	Mycotic mycetoma	4115	Non-specified allergic reaction
3134	Myeloid leukemia	1252	Non-viral conjunctivitis
3133	Myelomatosis	9999	Nonclassifiable
1331	Myocardial infarction (heart attack)	094	Nonfatal crushing injury to trunk--abdomen, chest, or pelvis
1359	Myocarditis, acute non-toxic	154	Noninfectious enteritis and colitis (including ileitis)
1351	Myocarditis, acute toxic	156	Noninfective toxic hepatitis
422	Myoglobinuria	1252	Nonspecific conjunctivitis--unknown causal agent
1243	Myoneural disorders, toxic	097*	Nonspecified injuries and disorders
1736	Myositis	0979	Nonspecified injuries and disorders, n.e.c.
	N	1339	Nontraumatic aneurysm of coronary vessels.
1893	Nail, ingrowing	1339	Nontraumatic aneurysm of heart wall
		1349	Nontraumatic aneurysm of pulmonary artery
		13*	Nontraumatic aneurysm or fistula
		1379	Nontraumatic arterial embolism and thrombosis

*Titles -not used for case coding

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1729 Nontraumatic backache
 136 Nontraumatic cerebral hemorrhage
 139 Nontraumatic hemorrhage of blood vessels, n.e.c.
 1249 Nontraumatic lesion of the median, ulnar and radial nerves
 1259 Nontraumatic retinal detachments
 139 Nontraumatic rupture of blood vessels, n.e.c.
 13* Nontraumatic rupturing of blood vessels
 032 Nonvenomous animal or insect bite
 4149 Nosebleed

O

1369 Occlusion of cerebral arteries
 4174 Oliguria and anuria
 03* Open wounds
 039 Open wounds, n.e.c.
 030 Open wounds, unspecified
 1253 Ophthalmia, iritis, chalazion
 151 Oral cavity, salivary glands, jaw diseases
 5222 Organic affective syndrome
 522* Organic mental disorders--neurotic or psychotic
 5229 Organic mental disorders--neurotic or psychotic, n.e.c.
 5220 Organic mental disorders--neurotic or psychotic, unspecified
 2293 Ornithosis (including parrot fever, psittacosis)
 239 Oroya fever
 4169 Orthopnea
 174* Osteomyelitis
 174* Osteopathies, chondropathies, acquired deformities
 1749 Osteopathies, chondropathies, acquired deformities, n.e.c.
 1740 Osteopathies, chondropathies, acquired deformities, unspecified
 1263 Otalgia
 429 Other abnormal findings
 23* Other arthropod-borne diseases
 239 Other arthropod-borne diseases, n.e.c.
 230 Other arthropod-borne diseases, unspecified
 219* Other bacterial diseases
 2199 Other bacterial diseases, n.e.c.
 2190 Other bacterial diseases, unspecified
 265 Other bacterial food poisoning (including botulism and staphylococcal food poisoning)
 3214 Other benign neoplasms of connective and other soft tissue
 254 Other cestode infection (including tapeworm)
 089 Other combinations of traumatic injuries and disorders, n.e.c.
 1825 Other contact dermatitis
 189* Other diseases and disorders of the skin and subcutaneous tissue
 1890 Other diseases and disorders of the skin and subcutaneous tissue, unspecified
 1899 Other diseases and disorders of the skin and subcutaneous tissue, n.e.c.
 229* Other diseases due to viruses and Chlamydiae
 2299 Other diseases due to viruses and Chlamydiae, n.e.c.
 2290 Other diseases due to viruses and Chlamydiae, unspecified
 155 Other diseases of intestines or peritoneum
 142* Other diseases of upper respiratory tract

1429 Other diseases of upper respiratory tract, n.e.c.
 1420 Other diseases of upper respiratory tract, unspecified
 162* Other diseases of urinary system
 1629 Other diseases of urinary system, n.e.c.
 1620 Other diseases of urinary system, unspecified
 5* OTHER DISEASES, CONDITIONS, AND DISORDERS
 59 Other diseases, conditions, and disorders, n.e.c.
 123* Other disorders of the central nervous system
 1239 Other disorders of the central nervous system, n.e.c.
 1230 Other disorders of the central nervous system, unspecified
 1249 Other disorders of the peripheral nervous system, n.e.c.
 2224 Other enterovirus diseases
 1834 Other erythematous conditions
 135* Other forms of heart disease
 1359 Other forms of heart disease, n.e.c.
 1350 Other forms of heart disease, unspecified
 1892 Other hypertrophic and atrophic conditions (including acquired keratoderma)
 29* Other infectious and parasitic diseases
 299 Other infectious and parasitic diseases, n.e.c.
 290 Other infectious and parasitic diseases, unspecified
 295 Other infestations (including maggots, leeches, jigger disease)
 183* Other inflammatory conditions of the skin
 1830 Other inflammatory conditions of the skin, unspecified
 1839 Other inflammatory conditions, n.e.c.
 095* Other poisonings and toxic effects
 0959 Other poisonings and toxic effects, n.e.c.
 0950 Other poisonings and toxic effects, unspecified
 1490 Other respiratory diseases, unspecified
 149* Other respiratory system diseases
 1499 Other respiratory system diseases, n.e.c.
 263 Other salmonella infections
 214* Other spirochetal diseases
 2149 Other spirochetal diseases, n.e.c.
 2140 Other spirochetal diseases, unspecified
 419 Other symptoms, n.e.c.
 19* Other systemic diseases and disorders
 190 Other systemic diseases and disorders, unspecified
 09* Other traumatic injuries and disorders
 099 Other traumatic injuries and disorders, n.e.c.
 090 Other traumatic injuries and disorders, unspecified
 252 Other trematode infections (including fluke)
 0731 Otitic barotrauma
 1269 Otitis externa
 1265 Otitis media (except aero-)
 1269 Otosclerosis

P

0973 Pain, hurt, soreness, except the back-traumatic
 4133 Pallor and flushing
 4159 Palpitations
 159 Pancreatitis
 112 Pancytopenia
 5213 Panic disorder

*Titles -not used for case coding

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246	Paracoccidioidomycosis	1835	Psoriasis and similar disorders
1539	Paraesophageal hernia	299	Psorospermiasis
1831	Parakeratosis	134*	Pulmonary circulation diseases
112	Paralytic (toxic) anemia	1493	Pulmonary edema
2*	PARASITIC AND INFECTIOUS DISEASES	1494	Pulmonary fibrosis, n.e.c.
258	Parasitism, intestinal-unspecified	1341	Pulmonary heart disease
262	Paratyphoid and typhoid fevers	2112	Pulmonary tuberculosis
2232	Paravaccinia	037	Punctures, except bites
1229	Parkinson's disease	115	Purpura and other hemorrhagic conditions
2293	Parrot fever	115	Purpura, allergic
1749	Pathological fracture	1816	Pyoderma
293	Pediculosis and phthirus infestation (lice)	0721	Pyrexia, heat
152	Peptic ulcer		
1359	Pericarditis, acute		Q
174*	Periostitis		
124*	Peripheral nervous system disorders	2312	Q fever
139	Peripheral venous insufficiency, n.e.c.	115	Qualitative platelet defects
4179	Peristalsis		
155	Peritoneum or intestinal-other diseases of		R
155	Peritonitis		
1429	Peritonsillar abscess		
0719	Perniosis		
141	Pharyngitis--acute	2122	Rabbit fever
1422	Pharyngitis--chronic	2291	Rabies
1383	Phlebitis	1249	Radial median, and ulnar nerves, lesion- -nontraumatic
1219	Phlebitis of intracranial venous sinuses	059	Radiation burns
1815	Pilonidal cyst	149*	Radiation poisoning
2144	Pinta	0952	Radiation sickness
1831	Pityriasis	2127	Rat-bite fever
2121	Plague	1371	Raynaud's syndrome or phenomenon
2121	Plague, bubonic	0969	Reactions to injections, unspecified- -traumatic
2121	Plague, pneumonic	071*	Reduced temperature effects
2120	Plague, unspecified	0718	Reduced temperature effects, multiple
1499	Pleurisy	0719	Reduced temperature effects, n.e.c.
145*	Pneumoconioses	0710	Reduced temperature effects, unspecified
1459	Pneumoconioses, n.e.c.	236	Relapsing fever
1450	Pneumoconioses, unspecified	4179	Renal colic
1458	Pneumoconiosis with tuberculosis	1623	Renal failure
299	Pneumocystosis	141	Respiratory infections, acute
1431	Pneumonia	416*	Respiratory system and chest symptoms
143*	Pneumonia, influenza	14*	Respiratory system diseases
1439	Pneumonia, influenza, n.e.c.	140	Respiratory system diseases, unspecified
1430	Pneumonia, influenza, unspecified	3131	Reticulosarcoma
2121	Pneumonic plague	3131	Reticulum cell sarcoma
1492	Pneumonitis, n.e.c.	1222	Reye's syndrome
146*	Pneumonopathy	131	Rheumatic carditis
1469	Pneumonopathy, n.e.c.	131	Rheumatic fever with heart involvement
1460	Pneumonopathy, unspecified	1729	Rheumatism affecting the back
4219	Poikilocytosis	173*	Rheumatism, except the back
2197	Poisoning, blood	1739	Rheumatism, except the back, n.e.c.
0959	Poisoning, carbon monoxide	1730	Rheumatism, except the back, unspecified
265	Poisoning, food (botulism)	1421	Rhinitis, allergic
263	Poisoning, food (salmonella)	249	Rhinosporeidiosis
265	Poisoning, food (staphylococcal)	094	Rib fracture--fatal
255	Poisoning, food (trichinosis)	012	Rib fracture--nonfatal
0959	Poisoning, lead	231*	Rickettsioses diseases
149*	Poisoning, radiation	2319	Rickettsioses diseases, n.e.c.
2221	Poliomyelitis, acute	2310	Rickettsioses diseases, unspecified
171	Polyarthrits	2313	Rickettsioses, tick-born
119	Polycythemia	1833	Rosacea
4173	Polyuria	1739	Rotator cuff syndrome
5211	Post-traumatic anxiety--acute	2237	Rubella/German measles
5212	Post-traumatic anxiety--chronic	021	Rupture of joint capsule, ligament, muscle, or tendon
1895	Prickly heat	1739	Rupture of synovium, nontraumatic
1341	Primary pulmonary hypertension	13*	Ruptured blood vessels, nontraumatic
2111	Primary tuberculous infection	094	Ruptured blood vessels, traumatic
1332	Prinzmetal angina	011	Ruptured disc
51	Prosthetic devices, damage to		
1837	Pruritus and related conditions		
2293	Psittacosis		

*Titles -not used for case coding

NATURE CODE INDEX

S			
151	Salivary glands, jaws , oral cavity diseases	1729	Spondylitis of the spine
296	Sarcoidosis	1729	Spondylosis of the spine
31*	Sarcomas	1632	Spontaneous abortion, miscarriage
299	Sarcosporidiosis	1749	Spontaneous fracture
294	Scabies, (Acariasis)	139	Spontaneous hemorrhage, n.e.c.
053	Scalds, heat	1499	Spontaneous pneumothorax
2193	Scarlatina	249	Sporotichosis
251	Schistosomiasis (including bilharziasis)	2311	Spotted fevers
1721	Sciatica	082	Sprains and bruises
041	Scratches	021	Sprains, strains, tears
1531	Scrotal hernia	3122	Squamous cell non-melanoma skin cancer
232	Scrub typhus	037	Stab wounds
1842	Sebaceous cyst	1459	Stannosis
184*	Sebaceous gland diseases	265	Staphylococcal food poisoning
05*	Second degree burns	152	Stomach, duodenum, esophagus diseases
4112	Seizures, convulsion	153*	Strangulated hernia
129	Sense organs and nervous system diseases, n.e.c.	091	Strangulations
120	Sense organs and nervous system diseases, unspecified	2193	Streptococcal sore throat and scarlatina
2197	Septicemia	521*	Stress, neurotic disorders, anxiety
2252	Serum hepatitis, type B viral	5210	Stress, neurotic disorders, anxiety, unspecified
013	Severed spinal cord	4169	Stridor
013	Severed spinal cord (nonfatal)-from gunshot wound	1461	Stripper's asthma
424	Shadow of lung	1361	Stroke
264	Shigellosis	0721	Stroke, heat
093	Shock, lightning	259	Strongliodiasis
0961	Shock, traumatic	4119	Stupor
4169	Shortness of breath	18*	Subcutaneous tissue and skin disorders
111	Sickle-cell anemia	181*	Subcutaneous tissue and skin infections
1457	Siderosis	011	Subluxations
1453	Silicosis	5221	Substance-induced mental disorder
012	Simple fracture	091	Suffocations
0732	Sinus barotrauma	1839	Sunburn
141	Sinusitis--acute	0721	Sunstroke
1422	Sinusitis--chronic	044	Superficial chips--foreign bodies
0721	Siriasis	044	Superficial splinters--foreign bodies
413*	Skin and other integumentary tissue symptoms	04*	Surface wounds and bruises
18*	Skin and subcutaneous tissue disorders	049	Surface wounds and bruises, n.e.c.
181*	Skin and subcutaneous tissue infections	040	Surface wounds and bruises, unspecified
183*	Skin, other inflammatory conditions	4179	Swallowing difficulty
321*	Skin connective tissue, and bone neoplasms, benign	2141	Swamp fever
333	Skin neoplasms and tumors of unknown properties	2299	Sweating fever
3212	Skin neoplasms and tumors, malignant	41*	Symptoms
4139	Skin sensation, disturbances of	415*	Symptoms involving cardiovascular system
4139	Skin texture, changes in	4159	Symptoms involving cardiovascular system, n.e.c.
068	Skull fracture--fatal	4150	Symptoms involving cardiovascular system, unspecified
012	Skull fracture--nonfatal	417*	Symptoms involving digestive and urinary system
4119	Sleep disturbances	4179	Symptoms involving digestive and urinary system, n.e.c.
235	Sleeping sickness	4170	Symptoms involving digestive and urinary system, unspecified
011	Slipped disc	414*	Symptoms involving head and neck
012	Slipped epiphysis	4149	Symptoms involving head and neck, n.e.c.
2222	Slow virus infection of central nervous system	4140	Symptoms involving head and neck, unspecified
2231	Smallpox	412*	Symptoms involving nervous and musculoskeletal systems
032	Snake bite--nonvenomous	4129	Symptoms involving nervous and musculoskeletal systems, n.e.c.
0951	Snake bite--venomous	4120	Symptoms involving nervous and musculoskeletal systems, unspecified
1251	Solar retinopathy	416*	Symptoms involving respiratory system and chest
0973	Soreness, pain, hurt, except the back	4169	Symptoms involving respiratory system and chest, n.e.c.
4121	Spasms or tremors, n.e.c.	4160	Symptoms involving respiratory system and chest, unspecified
2294	Specific diseases due to Coxsackie virus		
1229	Spinocerebellar disease		
012	Spiral fracture		
419	Splenomegaly		

*Titles -not used for case coding

NATURE CODE INDEX

413* Symptoms involving skin and other integumentary tissue
 4139 Symptoms involving skin and other integumentary tissue, n.e.c.
 4130 Symptoms involving skin and other integumentary tissue, unspecified
 4* SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS
 49 Symptoms, signs, and ill-defined conditions, n.e.c.
 40 Symptoms, signs, and ill-defined conditions, unspecified
 410 Symptoms, unspecified
 0722 Syncope, heat
 4111 Syncope, other than heat
 1732 Synovitis
 1739 Synovium rupture--nontraumatic
 213* Syphilis and other venereal diseases
 2139 Syphilis and other venereal diseases, n.e.c.
 2130 Syphilis and other venereal diseases, unspecified
 1* SYSTEMIC DISEASES AND DISORDERS
 199 Systemic diseases and disorders, n.e.c.
 10 Systemic diseases and disorders, unspecified

T

4169 Tachypnea
 1454 Talcosis
 254 Tapeworm infection
 1249 Tarsal tunnel syndrome
 1733 Tendinitis
 021 Tendon avulsion, hemarthrosis, or rupture--traumatic
 02* Tendon injuries--traumatic
 034 Tendon lacerations in open wounds
 1733 Tendonitis
 4179 Tenesmus
 1734 Tenosynovitis
 2196 Tetanus
 4129 Tetany
 111 Thalassemias
 0721 Thermoplegia
 05* Third degree burns
 4149 Throat pain, nontraumatic
 115 Thrombasthenia
 115 Thrombocytasthenia
 115 Thrombocytopenia
 1383 Thrombophlebitis
 1219 Thrombophlebitis of intracranial venous sinuses
 1379 Thrombosis, arterial--nontraumatic
 1389 Thrombosis, venous--nontraumatic
 1911 Thyroid gland diseases and disorders
 1911 Thyroiditis
 2313 Tick typhus
 2313 Tick-born rickettsioses
 241 Tinea
 1262 Tinnitus
 141 Tonsillitis--acute
 1422 Tonsils--chronic diseases
 011 Torn cartilage
 112 Toxic (paralytic) anemia
 1911 Toxic and nontoxic goiter
 0959 Toxic effects of food contaminants or noxious food stuffs--non-viral and non-bacterial
 156 Toxic hepatitis--noninfective
 1351 Toxic myocarditis
 1243 Toxic myoneural disorders
 291 Toxoplasmosis

141 Tracheitis--acute
 2261 Trachoma
 1362 Transient cerebral ischemia
 1362 Transient ischemic attacks
 094 Traumatic aneurysm or fistula
 0972 Traumatic backache
 061 Traumatic cerebral hemorrhage
 096* Traumatic complications
 0969 Traumatic complications, n.e.c.
 0960 Traumatic complications, 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
 2119 Tuberculoses, n.e.c.
 2110 Tuberculoses, unspecified
 2113 Tuberculosis, miliary
 2112 Tuberculosis, pulmonary
 2111 Tuberculous infection, primary
 2122 Tularemia
 3212 Tumor, fatty (lipoma)
 32* Tumors and neoplasms, benign
 31* Tumors and neoplasms, malignant
 3* Tumors, Neoplasms, and Cancer
 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
 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

*Titles -not used for case coding

NATURE CODE INDEX

1259 Ultraviolet keratoconjunctivitis
 1539 Umbilical hernia
 0722 Unconsciousness associated with heat
 4111 Unconsciousness without reference to heat
 4219 Unspecified bacteremia
 258 Unspecified intestinal parasitism
 4139 Unspecified jaundice
 0969 Unspecified reactions to injections--traumatic
 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
 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
 2141 Weil's disease
 1256 Welder's flash
 1842 Wen
 4169 Wheezing
 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

*Titles -not used for case coding

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SECTION 4.2
<p>Part of</p> <p>Body Affected</p> <p>Index</p>

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PART OF BODY CODE INDEX

A		02	Eardrum
24*	Abdomen	312	Elbow(s)
240	Abdomen, except internal location of diseases or disorders	222	Esophagus
42	Ankle(s)	02	Eustachian tube (Ear)
482	Ankle(s) and foot(feet)	2553	External female genital region
02	Anvil (Ear)	255*	External reproductive tract structures
4322	Arch(es) of the foot(feet)	2559	External reproductive tract structures, n.e.c.
31*	Arm(s)	2550	External reproductive tract structures, unspecified
383	Arm(s) and hand(s)	4*	EXTREMITIES, LOWER
319	Arm(s), n.e.c.	3*	EXTREMITIES, UPPER
310	Arm(s), unspecified	032	Eye(s)
91	Artificial eye(s)	032	Eyeball
91	Artificial limb(s)	031	Eyebrow(s)
02	Auditory nerve (Ear)	032	Eyelashes
02	Auricle (Ear)	032	Eyelids
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)
		251	Hip(s)
		14	Hypopharynx
D		I	
91	Denture(s)	431	Instep(s) of foot(feet)
34	Distal phalanx, phalanges (Finger)	249	Internal abdominal location, n.e.c.
		241	Internal abdominal location, unspecified
E			
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)	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
02	Middle ear	013	Parietal bone (Skull)
036*	Mouth	25*	Pelvic region
0369	Mouth, n.e.c.	259	Pelvic region, n.e.c.
0360	Mouth, unspecified	250	Pelvic region, unspecified
318	Multiple arm(s) locations	252	Pelvis
238	Multiple back regions	2552	Penis
8	MULTIPLE BODY PARTS	2451	Peritoneum
018	Multiple cranial region locations	2450	Peritoneum, unspecified
2558	Multiple external reproductive tract structures	34	Phalanges (Finger)
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)	16	Trachea
15	Pharynx	02	Tragus (Ear)
02	Pinna (Ear)	2*	TRUNK
225	Pleura	29	Trunk, n.e.c.
2561	Prostate	20	Trunk, unspecified
91	Prosthetic devices	02	Tympanic cavity (Ear)
34	Proximal phalanx, phalanges (Finger)		
R		U	
2453	Rectum	311	Upper arm(s)
255*	Reproductive tract structures, external	3*	UPPER EXTREMITIES
2559	Reproductive tract structures, external n.e.c.	39	Upper extremities, n.e.c.
2550	Reproductive tract structures, external unspecified	30	Upper extremities, unspecified
256*	Reproductive tract structures, internal	244*	Urinary organs
2569	Reproductive tract structures, internal n.e.c.	2449	Urinary organs, n.e.c.
2560	Reproductive tract structures, internal unspecified	2440	Urinary organs, unspecified
032	Retina (Eye)	2564	Uterus
22*	Ribs		
S		V	
233	Sacral region of the back	23*	Vertebra--except cervical
259	Sacroiliac	10	Vertebra--cervical
259	Sacrum	12	Vocal cord(s)
012	Scalp		
02	Scapha (Ear)	W	
21	Scapula (Shoulder)	32	Wrist(s)
2551	Scrotum	382	Wrist(s) and hand(s)
02	Semicircular canals (Ear)		
413	Shin		
21	Shoulder blade		
21	Shoulder girdle		
21	Shoulder, including clavicle, scapula		
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		
T			
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			
3451	A-frame derricks	0139	Acid--disulfurous
0653	Abate	0139	Acid--dithionic
3541	Abraders, grinders (metal, woodworking, special material)	0139	Acid--dithionous
7173	Abrasive pads	0149	Acid--etching
3579	Abrasive saws (metal, woodworking, special material)	0149	Acid--fluoboric
7959	Accordions	0149	Acid--fluoroacetic
0321	Acetaldehyde	0149	Acid--fluorosulfonic
0542	Acetate--lead	0149	Acid--formic
0959	Acetate--polyvinyl	0149	Acid--hexafluorophosphoric
0141	Acetic acid, vinegar	0149	Acid--hexanoic
0321	Acetic aldehyde	0121	Acid--hydriodic
0361	Acetone	0122	Acid--hydrobromic
0364	Acetone--propyl	0123	Acid--hydrochloric
0341	Acetylaminofluorene (2-)	0144	Acid--hydrocyanic
099	Acetylene	0124	Acid--hydrofluoric
0149	Acetylsalicylic acid	0149	Acid--hydrofluorosilicic
0113	Acid gas--fluorohydric	0139	Acid--hypobromous
0114	Acid gas--hydriodic	0131	Acid--hypochlorous
0112	Acid gas--hydrochloric	0139	Acid--hypoiodous
0113	Acid gas--hydrofluoric	0139	Acid--hyponitrous
0119	Acid gases, n.e.c.	0139	Acid--hypophosphorous
0110	Acid gases, unspecified	0139	Acid--hyposulfurous
011*	Acid gases--halogen	0139	Acid--iodic
0641	Acid--2,4,5-trichlorophenoxyacetic	0149	Acid--iodoacetic
0641	Acid--2-(2,4,5-trichlorophenoxy) propionic	0149	Acid--isobutyric
0641	Acid--4-chloro-2-methylphenoxyacetic	0139	Acid--isocyanic
0141	Acid--acetic	0149	Acid--isopentoic
0149	Acid--acetylsalicylic	0149	Acid--lauric
0142	Acid--acrylic	0139	Acid--manganic
0149	Acid--adipic	0139	Acid--metaboric
0149	Acid--alkanesulfonic	0139	Acid--metaphosphoric
0114	Acid--anhydrous hydriodic	0142	Acid--methacrylic
0111	Acid--anhydrous hydrobromic	0139	Acid--metsilicic
0112	Acid--anhydrous hydrochloric	0149	Acid--monofluorophosphoric
0113	Acid--anhydrous hydrofluoric	0123	Acid--muriatic
0139	Acid--arsenic	0132	Acid--nitric
0139	Acid--arsenous	0149	Acid--nitrohydrochloric
0134	Acid--battery	0139	Acid--nitrous
0149	Acid--benzoic	0146	Acid--nitroxanthic
0139	Acid--bromic	0139	Acid--nitroxyllic
0149	Acid--bromoacetic	0149	Acid--oleic
0139	Acid--bromous	0139	Acid--orthoboric
0149	Acid--butyric	0139	Acid--orthoperiodic
0149	Acid--capric	0139	Acid--orthosilicic
0149	Acid--caproic	0139	Acid--orthotelluric
0149	Acid--caprylic	0149	Acid--oxalic
0146	Acid--carbazotic	0149	Acid--palmitic
0139	Acid--carbonic	0145	Acid--peracetic
0131	Acid--chloric	0131	Acid--perchloric
0149	Acid--chloroacetic	0139	Acid--perchromic
0149	Acid--chlorobutyric	0149	Acid--performic
0112	Acid--chlorohydric	0139	Acid--periodic
0149	Acid--chloroisocyanuric	0139	Acid--permanganic
0149	Acid--chloropropionic	0139	Acid--perrhenic
0139	Acid--chlorosulfonic	0149	Acid--persulfuric
0131	Acid--chlorous	0139	Acid--pertechnic
0139	Acid--chromic	0143	Acid--phenol
0139	Acid--cyanic	0146	Acid--phenol trinitrate
0149	Acid--cyanoacetic	0149	Acid--phenylacetic
0139	Acid--dichloroacetic	0149	Acid--phenylstearic
0139	Acid--dichloropropionic	0133	Acid--phosphoric
0139	Acid--dichromic	0982	Acid--phosphoric and chlorine mixture
0139	Acid--difluorophosphoric	0139	Acid--phosphorous
0139	Acid--diphosphoric	0149	Acid--phthalic
0139	Acid--diphosphorous	0146	Acid--picric
0139	Acid--disulfuric	0146	Acid--picronitric
		0142	Acid--polyacrylic
		0142	Acid--polymethacrylic
		0149	Acid--propionic
		0132	Acid--red fuming nitric (RFNA)

*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--triposphoric	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
0649	Agent orange	0391	Aliphatic and organic nitrogen compounds
0793	Agents--clearing, photographic	02*	Alkalies
3291	Agitators, mixers--earth, mineral (construction, logging, and mining)	029	Alkalies, n.e.c.
31*	Agricultural and garden machinery	020	Alkalies, unspecified
3199	Agricultural and garden machinery, n.e.c.	028	Alkalies--multiple
310	Agricultural and garden machinery, unspecified	0149	Alkanesulfonic acid
319*	Agricultural and garden machinery--other	0542	Alkyl lead
069	Agricultural and horticultural chemicals, n.e.c.	841	All terrain vehicle (ATV)
068	Agricultural and horticultural chemicals--multiple	0319	Allyl alcohol
06*	Agricultural chemicals and other pesticides	0322	Allyl aldehyde
060	Agricultural chemicals and other pesticides, unspecified	0341	alpha-, beta-Naphthylamine
119	Air cargo containers	0561	Aluminum and aluminum compounds
3991	Air compressors	116	Aluminum cans
3311	Air conditioning units	119	Aluminum containers for bakery goods and frozen foods
7231	Air hammers (powered handtools)	4196	Aluminum, vinyl siding (building materials--solid elements)
789	Air mattresses	829	Ambulances
931*	Air pressure	0339	Amine--butyl
9310	Air pressure, unspecified	0339	Amine--ethyl
129	Air receiver tanks	0339	Amine--isopropyl
81*	Air vehicles	0331	Amine--methyl
7252	Air wrenches (powered handtools)	0339	Amine--propyl
819	Aircraft, n.e.c.	0341	Amines--aniline and other aromatic
810	Aircraft, unspecified	033*	Amines--nonaromatic
813*	Aircraft--nonpowered	0341	Aminobenzene
8139	Aircraft--nonpowered, n.e.c.	0341	Aminodiphenyl
8130	Aircraft--nonpowered, unspecified	091*	Ammonia and ammonium compounds
811*	Aircraft--powered fixed wing	0919	Ammonia and ammonium compounds, n.e.c.
8119	Aircraft--powered fixed wing, n.e.c.	0910	Ammonia and ammonium compounds, unspecified
8110	Aircraft--powered fixed wing, unspecified	0918	Ammonia and ammonium compounds--multiple
812*	Aircraft--powered rotary wing	0981	Ammonia and chlorine--mixture
8129	Aircraft--powered rotary wing, n.e.c.	0911	Ammonia, anhydrous ammonia
8112	Aircraft--propeller-driven	0912	Ammonium hydroxide
8120	Aircraft--rotary wing, unspecified	0913	Ammonium nitrate
		0914	Ammonium sulfate

*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
4133	Beams (structural metal materials)	4431	Bits--drill (unattached)
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	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)	4823	Block--engine (vehicle engine parts and accessories)
7243	Belts--sand (powered handtools)	411*	Blocks, bricks, structural stone
7142	Bench Dogs (nonpowered handtools)	4112	Blocks--concrete, cinder
7142	Bench screws (nonpowered handtools)	4111	Blocks--ornamental, decorative paving
7179	Bench strops (nonpowered surfacing handtools)	9212	Blouses, shirts, dresses, trousers, skirts
7142	Bench vises (nonpowered handtools)	7261	Blow torches
232	Benches, workbenches, saw horses	3312	Blowers, fans--wall, floor, ceiling, ventilation
232	Benches--utility	7169	Bludgeons (nonpowered striking handtools)
3511	Bending, crimping machines (metal, woodworking, special material)	884	Boat--motorboat, yacht
351*	Bending, rolling, shaping machinery (metal, woodworking, special material)	882	Boat--rowboat, canoe, kayak, raft
3519	Bending, rolling, shaping machinery, n.e.c.	885	Boat--sailboat, sailing ship
3510	Bending, rolling, shaping machinery, unspecified	887	Boat--tugboat, commercial fishing boat
0342	Benxole	561	Bodily conditions of injured, ill worker
0342	Benzene	571	Bodily fluids or substances of person
0652	Benzene hexachloride (BHC)	562	Bodily motion or position of injured, ill worker
0341	Benzidine	7119	Bodkins
0771	Benzine	121	Boilers--industrial, power, marine
0149	Benzoic acid	7122	Bolt cutters
0641	Benzoic and phenylacetic acids	7251	Bolt setters--powered
0342	Benzol	133	Bolts of fabric, beams
0371	Benzoyl peroxide	4213	Bolts, washers, nuts
052	Beryllium and beryllium compounds	912	Bombs
0341	beta-, alpha-Naphthylamine	5111	Bones, shells
7157	Bevels (nonpowered measuring handtools)	214	Book and magazine racks
371*	Beverage and food processing machinery--specialized	152	Book bags
116	Beverage cans	211	Bookcases--any composition, built-in, free-standing, etc.
3321	Beverage heating and percolating equipment and appliances	94*	Books, magazines, paper
522	Beverages, n.e.c.	941	Books, notebooks, magazines, catalogues
0741	Beverages--alcoholic	3234	Boom--heel, log loaders (logging and wood processing)
0652	BHC (benzene hexachloride)	789	Boomerangs
0222	Bicarbonate--sodium, baking soda	9214	Boots, shoes, slippers, sandals
8312	Bicycle	3243	Bore tunneling machine (mining and drilling)
4811	Bicycle tires	7111	Bores (nonpowered)
782	Bicycles--stationary (exercise equipment)	711*	Boring handtools--nonpowered
0653	Bidrin	7119	Boring handtools--nonpowered, n.e.c.
152	Billfolds	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)	7191	Brushes--cleaning, steel
352*	Boring, drilling, planing, milling machinery (metal, woodworking, special material)	7199	Brushes--paint
3529	Boring, drilling, planing, milling machinery, n.e.c.	3221	Bucket loaders
3520	Boring, drilling, planing, milling machinery, unspecified	3461	Bucket or basket hoist--truck mounted
792	Bottle openers	3422	Bucket, cup conveyors
113	Bottles, jugs, flasks	115	Buckets, baskets, pails
113	Bottles--hot-water, medicine, milk, packing, paper, water, etc.	115	Buckets--coopered wooden, metal, etc.
3731	Bottling, canning, filling machinery	7241	Buffering machines--hand
373*	Bottling, wrapping, packaging machinery	7241	Buffers, polishers, waxers--powered
552	Boulders	8311	Buggy--horse drawn
7125	Bow saws (nonpowered handtools)	7959	Bugles (musical instruments)
789	Bowling equipment	6221	Building floor (surface)
141	Bowls, dishes	410	Building materials, unspecified
141	Bowls--any use or composition	41*	Building materials--solid elements
114	Boxes, crates, cartons	619	Building system, n.e.c.
114	Boxes--ammunition, cardboard, corrugated, fiberboard, filing, food, 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)
7112	Brace and bits, braces (nonpowered)	2412	Bulbs--light
7112	Braces (nonpowered)	3212	Bulldozers
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	231	Bunk beds
3562	Brake presses (metal, woodworking, special material)	7262	Burning systems (powered handtools)
7124	Bread knives	0213	Burnt lime
117	Breadpans	759	Burs--dental
112	Breakers (containers)	822	Bus (motorized highway vehicle)
3292	Breakers--coal (construction, logging, and mining)	115	Bushels (containers)
7111	Breast augers	7124	Bushwhackers
3453	Breast derricks	36*	Business and office machinery
7113	Breast drills (nonpowered handtools)	0841	Butane
4111	Bricks and pavers	0363	Butanone
411*	Bricks, blocks, structural stone	7124	Butcher knives
4119	Bricks, blocks, structural stone, n.e.c.	7172	Butt mortise planes (nonpowered surfacing handtools)
4110	Bricks, blocks, structural stone, unspecified	0341	Butter yellow
641	Bridges, dams, locks (structures)	3191	Butter-making machinery
151	Briefcases	0314	Butyl alcohol
9219	Briefs (clothing)	0339	Butyl amine
3523	Broaching machines (metal, woodworking, special material)	0329	Butyraldehyde
7121	Broad hatchets	0149	Butyric acid
7121	Broadaxes		
3322	Broiling and frying equipment and appliances		C
0139	Bromic acid	21*	Cabinets, cases, racks, shelves
0122	Bromide--aqueous hydrogen	212	Cabinets, cases--display, storage
0111	Bromide--hydrogen	212	Cabinets--china, kitchen, medicine, office, etc.
0413	Bromide--methyl	4423	Cable (machine and appliance parts)
0414	Bromide--potassium	053	Cadmium and cadmium compounds
0411	Bromine	117	Cake pans
041*	Bromine and bromine compounds	0221	Calcium carbonate
0419	Bromine and bromine compounds, n.e.c.	0429	Calcium chloride
0410	Bromine compounds, unspecified	0219	Calcium hydroxide, calcium oxides, n.e.c.
0149	Bromoacetic acid	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)
		3741	Calenders/supercalenders--paper production

*Titles -not used for case coding

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7151	Calipers--dial, vernier, inside, yankee, micrometer, outside	21*	Cases, cabinets, racks, shelves
0213	Calx	219	Cases, cabinets, racks, shelves, n.e.c.
769	Camera film	210	Cases, cabinets, racks, shelves, unspecified
769	Camera parts	212	Cases, cabinets--display, storage
761	Cameras (photographic equipment)--still and motion picture, aerial, movie, box, home movie, video, motion picture, etc.	211	Cases--book
781	Camping equipment	114	Cases--mailing
3326	Camping stoves--portable	159	Cases--musical instrument
7129	Can openers--hand-operated (nonpowered handtools)	114	Cases--plastic utility
799	Candles	581	Cash grain crops
521	Candy, confections, snack foods, bakery products	3622	Cash registers and calculating machines
794	Canes (health care and orthopedic equipment)	112	Casks (containers)
116	Canisters	3531	Casting machinery (metal, woodworking, special material)
116	Canned foods	941	Catalogues, books, notebooks, magazines
3731	Canning, filling, bottling machinery	3611	Cathode ray tubes (CRTs) and video display terminals (VDTs)
882	Canoe, kayak, rowboat, raft	5151	Cats
116	Cans	5152	Cattle
116	Cans--aluminum, gasoline, beverage, oil, packing, tin, food, trash	7199	Caulking guns (nonpowered handtools)
781	Canteens (recreation and athletic equipment)	46*	Caulking, insulating material, tars, sealants
7981	Canvasses (art supplies)	463	Caulking--foam, foam insulation
0759	Cap--blasting	465	Caulking--plastic, vinyl
0149	Capric acid	024	Caustic potash, soda
0149	Caproic acid	644*	Caves, tunnels, mines
0149	Caprylic acid	212	Cedar chests
9213	Caps, hats	3312	Ceiling fans
821	Car (automobile)	4141	Ceiling tiles
3331	Car or vehicle washing machinery	7959	Cellos (musical instruments)
0643	Carbamate and thiocarbamate herbicides	7121	Celts (stone axe)
0651	Carbamate insecticides	3291	Cement mixers (except trucks)
0651	Carbaryl (Sevin)	0211	Cement, mortar mix--dry
0146	Carbazotic acid	0212	Cement, mortar mix--wet
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)
0223	Carbonate--sodium, soda ash	7982	Chalk--artists', blackboard, marking, chalk lines, etc.
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
221	Carpet (except rolls)	0*	Chemicals and Chemical Products
133	Carpet rolls	099	Chemicals and chemical products, n.e.c.
8311	Carriage--horse drawn	00	Chemicals and chemical products, unspecified
8521	Carrier--container (powered industrial carrier)	06*	Chemicals--agricultural and other pesticides
8522	Carrier--lumber (powered industrial carrier)	068	Chemicals--multiple agricultural and horticultural
8523	Carrier--stacker (powered industrial carrier)	09*	Chemicals--other
8524	Carrier--straddle (powered industrial carrier)	0739	Chemicals--photographic
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	7191	Cleaning tools, mops, brooms
9519	Chips, particles, splinters, n.e.c.	33*	Cleaning, heating, and cooling machinery and appliances
9510	Chips, particles, splinters, unspecified	0793	Clearing agents--photographic
9512	Chips--glass	7124	Cleavers
9513	Chips--metal	611	Climate control system
9514	Chips--wood, sawdust	7126	Clippers--grass (nonpowered handtools)
7123	Chisels (nonpowered handtools)--cold, steel, wood, etc.	7129	Clippers--nail
7321	Chisels (power not determined)	791	Clocks--cuckoo, standing, grandfather, office, travel alarm, ships, etc.
7222	Chisels (powered handtools)	762	Cloth and paper--photographic
0649	Chlorates	3332	Clothes dryers
0652	Chlordane	3333	Clothes washers
0641	Chlorfenec	214	Clothes-drying racks
0131	Chloric acid	921*	Clothing and shoes
0123	Chloride--aqueous hydrogen	9219	Clothing, n.e.c.
0429	Chloride--calcium	9210	Clothing, unspecified
0429	Chloride--ethyl	7169	Clubs (nonpowered striking handtools)
0112	Chloride--hydrogen	4425	Clutches--friction (machine and appliance parts)
0423	Chloride--methyl	572	Co-worker, former co-worker of injured or ill worker
0429	Chloride--methylene	0811	Coal
0954	Chloride--vinyl, polyvinyl chloride	081*	Coal and coal products
0981	Chlorine and ammonia--mixture	0819	Coal and coal products, n.e.c.
042*	Chlorine and chlorine compounds	3292	Coal breakers, crushers (construction, logging, and mining)
0983	Chlorine and cleaning agent, n.e.c.	0812	Coal manufactures--coke and other
0982	Chlorine and phosphoric acid--mixture	0342	Coal naptha
0429	Chlorine compounds, n.e.c.	0810	Coal products, unspecified
0420	Chlorine compounds, unspecified	089	Coal, natural gas, petroleum fuels and products, n.e.c.
0422	Chlorine, chlorine bleach	08*	Coal, natural gas, petroleum fuels and products, n.e.c.
0131	Chlorine-containing oxyacids	080	Coal, natural gas, petroleum fuels and products, unspecified
0149	Chloroacetic acid	214	Coat racks
0792	Chloroacetophenone	3742	Coaters--paper production
0341	Chloroaniline (2-)	9215	Coats, jackets, suits
0149	Chlorobutyric	236	Cocktail tables
0429	Chloroethane	5292	Cocoa, chocolate, sugar
0429	Chloroform	3321	Coffee makers
0112	Chlorohydric acid	236	Coffee tables
0149	Chloroisocyanuric acid	114	Coffins
0423	Chloromethane	3629	Coin-counting machinery
0149	Chloropropionic acid	0812	Coke and other coal manufactures
0139	Chlorosulfonic acid	3533	Cold forging machinery (metal, woodworking, special material)
0131	Chlorous acid	9361	Cold--environmental
5292	Chocolate, sugar, cocoa	0312	Cologne spirit
8121	Chopper (helicopter)	7157	Combination builders tools (nonpowered measuring handtools)
3119	Choppers--forage (agricultural)	3112	Combines (agricultural)
0139	Chromic acid	3763	Combing, picking, carding machinery
0563	Chromium and chromium compounds	799	Combs
3411	Chutes	3912	Communication and telephone equipment
4112	Cinder blocks, concrete blocks	3292	Compactors, crushers, pulverizers--earth, mineral (construction, logging, and mining)
7224	Circular saws	3997	Compactors--trash
118	Cisterns	7159	Compasses--magnetic, measuring
7142	Clamps (nonpowered handtools)--spreader, spring, band, toggle, bar, cam, edging, hand, etc.	464	Compound--joint, patching
4211	Clamps, couplings (fasteners)	0561	Compounds--aluminum
7142	Clamps, vises (nonpowered gripping handtools)	091*	Compounds--ammonium
432	Clamshells, hooks, shackles, magnets (hoisting accessories)	051	Compounds--arsenic
3191	Clarifiers (milk processing)	049	Compounds--astatine
7959	Clarinets	052	Compounds--beryllium
553	Clay--natural and processed	041*	Compounds--bromine
0771	Cleaners' naptha	053	Compounds--cadmium
0733	Cleaners--drain and oven		
0739	Cleaners--other and unspecified		
3336	Cleaners--vacuum		
073*	Cleaning and polishing agents, disinfectants, n.e.c.		
0730	Cleaning and polishing agents, unspecified		
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
3615	Computer printers and plotters	7125	Coping saws (nonpowered handtools)
3612	Computers--electronic	3625	Copy machines
361*	Computers--electronic, and peripheral equipment	0793	Copying and photographic solutions
3242	Concentrators, sorters, separators--mineral (mining and drilling)	0793	Copying machine fluids
4112	Concrete blocks, cinder blocks	4222	Cords--bungee
4121	Concrete or clay pipes and conduits	7111	Corkscrews
3254	Concrete pavers	7172	Cornering tools (nonpowered surfacing handtools)
3797	Concrete pumps	7959	Cornets
0721	Conditioners--hair	794	Corsets (health care and orthopedic equipment)
93*	Conditions of the atmosphere and environment	7174	Corundum stone (nonpowered surfacing handtools)
4121	Conduits and pipes--concrete or clay	152	Cosmetic pouches
521	Confections, snack foods, bakery products, candy	072*	Cosmetics, beauty preparations, n.e.c.
236	Conference tables	231	Cots
42*	Connectors, ropes, ties, fasteners	131	Cotton bales
32*	Construction, logging, and mining machinery	235	Couches
3299	Construction, logging, and mining machinery, n.e.c.	066	Coumarins
320	Construction, logging, and mining machinery, unspecified	8511	Counterbalance rider--high lift (forklift)
8521	Container carrier (powered industrial carrier)	7111	Counterbores
1*	Containers	7163	Counterpunches (nonpowered handtools)
19	Containers, n.e.c.	213	Counters, counter tops
10	Containers, unspecified	213	Counters--kitchen
119	Containers--air cargo	7163	Countersinks (nonpowered handtools)
119	Containers--aluminum for bakery goods and frozen foods	7213	Countersinks--(powered handtools)
11*	Containers--nonpressurized	4211	Couplings, clamps
119	Containers--nonpressurized, n.e.c.	22*	Coverings--floor, wall, window
110	Containers--nonpressurized, unspecified	222	Coverings--wall
12*	Containers--pressurized	231	Cradles
129	Containers--pressurized, n.e.c.	0649	Crag herbicide
120	Containers--pressurized, unspecified	343*	Cranes
13*	Containers--variable restraint	3439	Cranes, n.e.c.
139	Containers--variable restraint, n.e.c.	3430	Cranes, unspecified
130	Containers--variable restraint, unspecified	3431	Cranes--floating
3214	Continuous bucket excavators	3432	Cranes--gantry
3241	Continuous miners (mining and drilling)	3433	Cranes--hammerhead
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	523	Dairy products
3437	Cranes--portal, tower, pillar	641	Dams, locks, bridges (structures)
114	Crates, cartons, boxes	769	Darkroom apparatus
114	Crates--shipping	0652	DDT
7982	Crayons--charcoal, wax, chalk	0653	DDVP (Vapona)
3191	Cream separators (milk processing)	3232	Debarkers (logging and wood processing)
231	Cribs	95*	Debris, waste, scrap
3511	Crimping, bending machines (metal, woodworking, special material)	113	Decanters
784	Crops (riding goods and equipment)	077*	Degreasers, solvents, n.e.c.
581	Crops--cash grain	0778	Degreasers, solvents--multiple
582	Crops--field	3313	Dehumidifiers, vaporizers, humidifiers
7125	Cross-cut saws (nonpowered handtools)	0649	Delapon
7192	Crowbars	8251	Delivery trucks
3611	CRTs (cathode ray tubes)	0653	Demeton
083	Crude oil, petroleum	759	Dental burs
3192	Crushers, mixers, grinders--feed (agricultural)	912	Depth charges
3292	Crushers, pulverizers, compactors--earth, mineral (construction, logging, and mining)	03*	Derivatives--aromatics and hydrocarbon, except halogenated
794	Crutches (health care and orthopedic equipment)	038	Derivatives--multiple aromatics and hydrocarbon, except halogenated, n.e.c.
092*	Cryogenic gases	345*	Derricks
0929	Cryogenic gases, n.e.c.	3459	Derricks, n.e.c.
0920	Cryogenic gases, unspecified	3450	Derricks, unspecified
3131	Cultivating and plowing machinery	3451	Derricks--A-frame
3131	Cultivators (agricultural)	3452	Derricks--basket
3422	Cup, bucket conveyors	3453	Derricks--breast
142	Cups--drinking, beverage glasses	3454	Derricks--gin pole
14*	Cups--drinking, dishes, beverage glasses	3455	Derricks--guy
799	Curlers	234	Desks--computer, school, office, roll-top
223	Curtains	0737	Detergents and shampoos--synthetic
4113	Cut marble splashblocks	0759	Detonator
3570	Cutoff saws (metal, woodworking, special material)	0793	Developers--photographic
7122	Cutters--bolt, chain, wire, lock	769	Developing apparatus (photographic equipment)
7129	Cutters--glass	0951	Di-isocyanates
7124	Cutters--mat	0369	Diacetone
7229	Cutters--powered	0369	Diacetone alcohol
712*	Cutting handtools--nonpowered	393	Diagnostic, testing (product), and inspecting machinery, n.e.c.
7129	Cutting handtools--nonpowered, n.e.c.	0959	Diamine--ethylene
7120	Cutting handtools--nonpowered, unspecified	3241	Diamond drills (mining and drilling)
732*	Cutting handtools--power not determined	3579	Diamond saws (metal, woodworking, special material)
7329	Cutting handtools--power not determined, n.e.c.	0653	Diazinon
7320	Cutting handtools--power not determined, unspecified	7139	Dibbles (make seed holes in garden)
722*	Cutting handtools--powered	0653	Dibrom (Naled)
7229	Cutting handtools--powered, n.e.c.	0412	Dibromide--ethylene
7220	Cutting handtools--powered, unspecified	0641	Dicamba
0844	Cutting oils, lubricating greases	0653	Dicathon
0951	Cyanates	0139	Dichloroacetic acid
0139	Cyanic acid	0341	Dichlorobenzidine (3,3'-)
093*	Cyanide and cyanide compounds, n.e.c.	0429	Dichloromethane
0930	Cyanide and cyanide compounds, unspecified	0139	Dichloropropionic acid
0792	Cyanide--bromobenzyl	0139	Dichromic acid
0931	Cyanide--hydrogen	0653	Diclorvo
0938	Cyanides--multiple	0652	Dicofol (Kelthane)
0149	Cyanoacetic	3629	Dictating machines
0342	Cyclohextriene	0652	Dieldrin
0653	Cygon (Dimethoate)	4421	Dies, molds, patterns (machine and appliance parts)
129	Cylinders--pressure	7989	Dies--hand seal (art supplies)
3541	Cylindrical grinders (metal, woodworking, special material)	0842	Diesel fuel, jet fuel, gasoline
7959	Cymbals	0351	Diethyl ether
		0351	Diethyl oxide
		0139	Difluorophosphoric acid
		713*	Digging handtools--nonpowered
		7139	Digging handtools--nonpowered, n.e.c.
		7130	Digging handtools--nonpowered, unspecified
		4151	Dimensional lumber: 2x4, 2x3, etc.

D

*Titles -not used for case coding

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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	324*	Drilling and mining machinery
0391	Dinitrophenol (DNP)	3521	Drilling machines (metal, woodworking, special material)
0391	Dinitrotoluene (DNT)	3241	Drilling machines, drilling augers (mining and drilling)
115	Dinner pails	352*	Drilling, planing, milling, boring machinery (metal, woodworking, special material)
0644	Dinosam (DNAP)	7113	Drills (nonpowered handtools)
0644	Dinoseb (DNBP)	7313	Drills (power not determined)
0359	Dioxane	7213	Drills (powered handtools)--hand, pneumatic, cordless, variable speed
0942	Dioxide--carbon, dry ice	3241	Drills--diamond, rock, jet flame, water-jet (mining and drilling)
0541	Dioxide--lead	3521	Drills--radial, gang (metal, woodworking, special material)
0943	Dioxide--nitrogen	3521	Drills--stationary (metal, woodworking, special material)
0973	Dioxide--sulfur	142	Drinking cups, beverage glasses
066	Diphacin	4422	Drives--chain, leather, fabric, vee belt (machine and appliance parts)
0139	Diphosphoric acid	3293	Drop hammers (construction, logging, and mining)
0139	Diphosphorous acid	0749	Drugs and medicines, n.e.c.
0642	Diquat	0740	Drugs and medicines, unspecified
9511	Dirt particles	074*	Drugs, alcohol, medicines
554	Dirt, earth	0748	Drugs, medicines--multiple
3131	Discs (agricultural)	0742	Drugs--nonmedicinal
3334	Dish washers	7959	Drums (musical instruments)
141	Dishes, bowls--any use or composition	112	Drums, barrels, kegs
14*	Dishes, drinking cups, beverage glasses	4423	Drums, pulleys, sheaves (machine and appliance parts)
149	Dishes, drinking cups, beverage glasses, n.e.c.	112	Drums--fiber, oil, shipping, etc.
140	Dishes, drinking cups, beverage glasses, unspecified	0773	Dry cleaning fluids, n.e.c.
117	Dishpans	0942	Dry ice, carbon dioxide
0732	Disinfectants	333*	Dryers, washers, and cleaning machinery and appliances
073*	Disinfectants, cleaning and polishing agents, n.e.c.	3332	Dryers--clothes
799	Dispensers--soap	3335	Dryers--hair and hand
214	Display racks	3743	Dryers--paper production
217	Display shelving	4198	Drywall, wallboard (building materials--solid elements)
3992	Disposals--garbage	5123	Ducks
084*	Distillates, petroleum fuels, products, n.e.c.	4122	Ducts
3792	Distilling and rectifying machinery	412*	Ducts, tubing, pipes
0971	Disulfide--carbon	159	Duffel bags
0139	Disulfuric acid	3462	Dumbwaiters
0139	Disulfurous acid	8252	Dump trucks
6271	Ditches, channels, trenches, excavations	118	Dumpsters
063	Dithiocarbamates	0653	Dursban
0139	Dithionic acid, dithionous acid	771	Dust masks (protective equipment)
0649	Diuron	7191	Dusters--feather
235	Divans	3193	Dusting and spraying machinery--agricultural
7152	Dividers (nonpowered measuring handtools)	117	Dustpans
9219	Diving suits	05*	Dusts, particulates, trace elements, powders, fumes--metallic
786	Diving--scuba, skin (equipment)	3793	Dyeing machinery, except textile
0644	DNAP (dinosam)	3761	Dyeing machinery--textile
0644	DNBP (dinoseb)		
0644	DNOC (dinitro-orthoeresol)		
0391	DNP (Dinitrophenol)		
0391	DNT (Dinitrotoluene)		
6292	Docks--loading, ramps, runways		
5153	Dogs		
861	Dolly, handtruck, cart		
4197	Door knobs		
631	Doors		
7124	Dowel makers (used with lathes)		
4194	Downspouts, gutters (building materials--solid elements)		

*Titles -not used for case coding

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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
4411	Electrical wiring	0339	Ethyl amine
3591	Electrochemical and discharge machinery (EDM) (metal, woodworking, special material)	0429	Ethyl chloride
3591	Electrochemical machinery (ECM) (metal, woodworking, special material)	0351	Ethyl ether
4413	Electrolytic and magnetic apparatus	0312	Ethyl hydrate
361*	Electronic computers and peripheral equipment	0312	Ethyl hydroxide
3619	Electronic computers and peripheral equipment, n.e.c.	0363	Ethyl methyl ketone
3610	Electronic computers and peripheral equipment, unspecified	0351	Ethyl oxide
6222	Elevator floor	0959	Ethyl silicate
346*	Elevators	0959	Ethylene diamine
3469	Elevators, n.e.c.	0412	Ethylene dibromide
3460	Elevators, unspecified	0313	Ethylene glycol
3463	Elevators--electric	0353	Ethylene oxide
3465	Elevators--hand operated	0792	Ethylidooacetate
3464	Elevators--hydraulic	3191	Evaporators (milk processing)
7171	Emery boards (nonpowered surfacing handtools)	321*	Excavating machinery
7174	Emery wheels (nonpowered surfacing handtools)	3219	Excavating machinery, n.e.c.
3222	End loaders	3210	Excavating machinery, unspecified
236	End tables	6271	Excavations, ditches, channels, trenches
0652	Endrin	3214	Excavators--continuous bucket
4823	Engine block (vehicle engine parts and accessories)	3219	Excavators--marine
482*	Engine parts and accessories	782	Exercise and gymnasium equipment--exercise bikes, exercise machines, jump ropes, weigh lifting equipment, etc.
4829	Engine parts and accessories, n.e.c.	0941	Exhaust gas--motor vehicle
4820	Engine parts and accessories, unspecified	912	Explosive devices
4424	Engines, turbines, except vehicle (machine and appliance parts)	075*	Explosives, blasting agents, n.e.c.
3752	Engraving machinery	0750	Explosives, blasting agents, unspecified
769	Enlargers (photographic equipment)	769	Exposure meters (photographic equipment)
93*	Environmental and atmospheric conditions	7421	Extension ladders
9399	Environmental conditions, n.e.c.	3712	Extractors--juice, oil, fat
0653	EPN (organophosphorus compounds)	3294	Extractors--pile (construction, logging, and mining)
0952	Epoxy resin	3532	Extruding machinery (metal, woodworking, special material)
0353	Epoxyethane (1,2-)	353*	Extruding, injecting, forming, molding machinery (metal, woodworking, special material)
7*	Equipment, tools, and instruments	3539	Extruding, injecting, forming, molding machinery, n.e.c.
241*	Equipment--lighting	3530	Extruding, injecting, forming, molding machinery, unspecified
		922*	Eye glasses, jewelry, and watches
		9221	Eye glasses, sunglasses
F			
		9231	Fabric
		133	Fabric bolts, beams

*Titles -not used for case coding

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4422	Fabric drives (machine and appliance parts)	769	Flash bulbs (photographic equipment)
7961	Fabric pins, safety pins (sewing notions)	4192	Flashing (building materials--solid elements)
3323	Fabric pressers and ironing appliances	7299	Flashlights
133	Fabric rolls	113	Flasks, bottles, jugs
0729	Face masks--cosmetic	3431	Floating cranes
773	Face shields, welding masks (protective equipment)	935	Flood
4824	Fan (vehicle engine parts and accessories)	7241	Floor buffers
3312	Fans, blowers--wall, floor, ceiling, ventilation	221	Floor coverings, nonstructural
118	Farm storage tanks	6221	Floor of building
421*	Fasteners	6222	Floor of elevator
42*	Fasteners, connectors, ropes, ties	6223	Floor of mine
429	Fasteners, connectors, ropes, ties, n.e.c.	6224	Floor of scaffold, staging, or temporary work platform
420	Fasteners, connectors, ropes, ties, unspecified	6225	Floor of vehicle
4219	Fasteners, n.e.c.	0739	Floor stripper
4210	Fasteners, unspecified	4144	Floor tiles--vinyl
5291	Fats, oils	6229	Floor, n.e.c.
2429	Faucets	6220	Floor, unspecified
3623	FAX machines	22*	Floor, wall, window coverings
5112	Feathers	229	Floor, wall, window coverings, n.e.c.
3192	Feed grinders, crushers, mixers--agricultural	220	Floor, wall, window coverings, unspecified
3233	Feller-buncher, harvesters (logging and wood processing)	4195	Flooring--sheet (building materials--solid elements)
471	Felt--roofing, roofing paper	622*	Floors
632	Fences, fence panels	62*	Floors, walkways, ground surfaces
4191	Fencing and screening material, n.e.c.	6299	Floors, walkways, ground surfaces, n.e.c.
0653	Fenthion (Baytex)	620	Floors, walkways, ground surfaces, unspecified
0649	Fenuron	786	Flotation devices
063	Ferban	0113	Flouride--hydrogen
3133	Fertilizer spreaders	115	Flower baskets
0649	Fertilizers mixed with plant foods and herbicides	583	Flowers
061	Fertilizers, plant food, n.e.c.	3797	Fluid power pumps
313*	Fertilizing, plowing, and planting machinery	0793	Fluid--mimeograph
462	Fiberglass insulation	0311	Fluid--radiator
9512	Fibers--glass	0793	Fluids--copying machine
582	Field crops	0773	Fluids--dry cleaning, n.e.c.
7171	Files (nonpowered handtools)--wood, bastard, cabinet, detail, diamond, nail, needle, round, etc.	0149	Fluoboric acid
3731	Filling, bottling, canning machinery	0124	Fluoride--aqueous hydrogen
0793	Film developing solutions	0434	Fluoride--methyl
769	Film reels	0431	Fluorine
769	Film--photographic (motion picture, x-ray, still camera, etc.)	043*	Fluorine and fluorine compounds
3339	Filtering and purifying machinery--other	0439	Fluorine compounds, n.e.c.
9342	Fire gases, smoke	0430	Fluorine compounds, unspecified
122	Fire hoses	0921	Fluorine--liquid
8259	Fire trucks	066	Fluoroacetate--sodium
9341	Fire, flame	066	Fluoroacetates
934*	Fire, flame, smoke	0149	Fluoroacetic acid
9340	Fire, flame, smoke, unspecified	0433	Fluorocarbons, n.e.c.
7939	Firearm, n.e.c.	0113	Fluorohydric acid gas
7930	Firearm, unspecified	3722	Fluoroscopic x-ray
793*	Firearms	0149	Fluorosulfonic acid
0754	Fireworks	0432	Fluorotrchloromethane
112	Firkins	7959	Flutes (musical instruments)
513	Fish, shellfish	099	Flux
887	Fishing boat--commercial, tugboat	0213	Fluxing lime
786	Fishing equipment	799	Fly swatters
4124	Fittings--pipe	463	Foam caulking, foam insulation
0793	Fixers--photographic	9371	Fog
2*	Fixtures and furniture	116	Foil-fiber cans
431	Fixtures, load indicators (hoisting accessories)	231	Folding beds
24*	Fixtures--other	233	Folding chairs
242*	Fixtures--plumbing	236	Folding tables
7124	Flails--hand-threshing	371*	Food and beverage processing machinery--specialized
4152	Flake board	3719	Food and beverage processing machinery--specialized, n.e.c.
9341	Flame, fire	3710	Food and beverage processing machinery--specialized, unspecified
934*	Flame, fire, smoke	114	Food boxes
0752	Flammable gas, unspecified	116	Food cans
		529*	Food products (fresh or processed)--other

*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
525	Grain dust	7234	Hammers--electric riveting
525	Grains, grain mill products	231	Hammocks
643	Grandstands, stadia	114	Hampers--shipping
586	Grasses, shrubs	7113	Hand drills (nonpowered handtools)
4134	Grates (structural metal materials)	7242	Hand grinders--powered
556	Gravel, sand	7173	Hand sanders (nonpowered handtools)
341*	Gravity conveyors	7125	Hand saws (nonpowered handtools)
7199	Grease guns (nonpowered handtools)	7989	Hand stamps, seals (art supplies)
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.	7142	Handscrews (nonpowered handtools)
3541	Grinders, abraders (metal, woodworking, special material)	711*	Handtools--boring (nonpowered)
3192	Grinders, crushers, mixers--feed (agricultural)	71*	Handtools--nonpowered
3713	Grinders--meat	710	Handtools--nonpowered, unspecified
354*	Grinding, polishing machinery (metal, woodworking, special material)	73*	Handtools--power not determined
3549	Grinding, polishing machinery, n.e.c.	730	Handtools--power not determined, unspecified
3540	Grinding, polishing machinery, unspecified	72*	Handtools--powered
714*	Gripping handtools--nonpowered	720	Handtools--powered, unspecified
7149	Gripping handtools--nonpowered, n.e.c.	774	Hard hats (protective equipment)
7140	Gripping handtools--nonpowered, unspecified	099	Hardener--potting compound
528	Groceries or multiple foods	4197	Hardware--structural, n.e.c.
7124	Groovers	7959	Harmonicas
623	Ground	775	Harnesses, safety belts, lifelines, lanyards (protective equipment)
62*	Ground surfaces, floors, walkways	7959	Harps (musical instruments)
7121	Grub axes	7959	Harpsichords
6481	Guardrails, road dividers	3131	Harrows (agricultural)
7959	Guitars	3236	Harvester--mechanical (logging and wood processing)
7931	Gun--handgun, pistol, revolver	3233	Harvesters, including feller-buncher, sheet (logging and wood processing)
7932	Gun--rifle	3113	Harvesters, reapers (agricultural)
7933	Gun--shotgun	311*	Harvesting and threshing machinery
0753	Gunpowder	3119	Harvesting and threshing machinery, n.e.c.
7199	Guns--grease (nonpowered handtools)	3110	Harvesting and threshing machinery, unspecified
7262	Guns--soldering (powered handtools)	7121	Hatchets, axes
7195	Guns--staple (nonpowered)	9213	Hats, caps
9327	Gusts, high winds	774	Hats--hard hats (protective equipment)
0653	Guthion	7199	Hawks (mortar holders)
4194	Gutters, downspouts (building materials--solid elements)	131	Hay bales
3455	Guy derricks	7193	Hay fork (nonpowered handtools)
153	Gym bags	3123	Hay mowers, haying machines
782	Gymnasium and exercise equipment	231	Headboards (furniture)
	H	794	Health care and orthopedic equipment, n.e.c.
7124	Hacks	573	Health care patient or resident of health care facility
3335	Hair and hand dryers	772	Hearing protectors and earplugs
0721	Hair conditioners, dyes, perming solutions, preparations, rinses, setting gels, sprays, straighteners	9362	Heat--environmental
7121	Halberds	3324	Heaters, furnaces
011*	Halogen acid gases	3324	Heaters--solar, space, hot-water
048	Halogen compounds--multiple	332*	Heating and cooking machinery and appliances
04*	Halogens and halogen compounds	3329	Heating and cooking machinery and appliances, n.e.c.

*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
82*	Highway vehicle, motorized	0931	Hydrogen cyanide
829	Highway vehicle, motorized, n.e.c.	0113	Hydrogen fluoride
83*	Highway vehicle, nonmotorized	0114	Hydrogen iodide
839	Highway vehicle, nonmotorized, n.e.c.	0372	Hydrogen peroxide
830	Highway vehicle, nonmotorized, unspecified	0972	Hydrogen sulfide
820	Highway vehicle, unspecified	0923	Hydrogen--liquid
4197	Hinges (structural hardware)	0912	Hydroxide--ammonium
789	Hockey equipment	0312	Hydroxide--ethyl
7131	Hoes (nonpowered handtools)--garden, masons', grub, scuffle	023	Hydroxide--lithium
3438	Hoist systems--storage and retrieval	024	Hydroxide--potassium, sodium
3461	Hoist--truck mounted bucket or basket	021*	Hydroxides--calcium
43*	Hoisting accessories	0139	Hypobromous acid
439	Hoisting accessories, n.e.c.	0131	Hypochlorous acid
430	Hoisting accessories, unspecified	751	Hypodermic needles, syringes
344*	Hoists--overhead	0139	Hypoiodous acid
3441	Hoists--overhead, electric powered	0139	Hyponitrous acid
3442	Hoists--overhead, manual	0139	Hypophosphorous acid
3443	Hoists--overhead, pneumatic powered	0139	Hyposulfurous acid
3191	Homogenizers (milk processing)		
7174	Honing stones (nonpowered surfacing handtools)		I
3542	Honing, polishing, lapping machinery (metal, woodworking, special material)	3314	Ice makers, refrigerators, freezers
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)
113	Hot-water bottles	3533	Industrial ovens (metal, woodworking, special material)
3324	Hot-water heaters	53*	Infectious and parasitic agents
791	Hourglasses	539	Infectious and parasitic agents, n.e.c.
		530	Infectious and parasitic agents, unspecified
		3531	Ingot molding machinery (metal, woodworking, special material)
		451	Ingots, bars, metal sheets (nonstructural metal materials)

*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
3542	Lapping, honing, polishing machinery (metal, woodworking, special material)	3221	Loaders--bucket
3592	Laser cutting machinery (metal, woodworking, special material)	3222	Loaders--end
4197	Latches (structural hardware)	3223	Loaders--front end
355*	Lathes (metal, woodworking, special material)	3234	Loaders--log, including heel boom (logging and wood processing)
3559	Lathes, n.e.c.	6292	Loading docks, ramps, runways
3550	Lathes, unspecified	115	Lobster pots
0943	Laughing gas	7122	Lock cutters
924	Laundry (apparel and textiles)	215	Lockers
0149	Lauric acid	4197	Locks (structural hardware)--door
7129	Lawn edgers (nonpowered handtools)	641	Locks, bridges, dams (structures)
3129	Lawn mowers (nonpowered)--push	7199	Locks--padlocks, combination
3121	Lawn mowers (powered)--nonriding, push	3234	Log loaders, including heel boom (logging and wood processing)
3122	Lawn mowers (powered)--riding	323*	Logging and wood processing machinery--specialized
0542	Lead acetate	3239	Logging and wood processing machinery--specialized, n.e.c.
054*	Lead and lead compounds	3230	Logging and wood processing machinery--specialized, unspecified
0549	Lead and lead compounds, n.e.c.	32*	Logging, mining, and construction machinery
0540	Lead and lead compounds, unspecified	587	Logs, trees
0542	Lead arsenate	235	Loungers, love seats
0541	Lead oxide, dioxide	9312	Low pressure
0541	Lead salts	0844	Lubricating greases, cutting oils
0541	Lead soaps	15*	Luggage, handbags
0542	Lead--alkyl	159	Luggage, handbags, n.e.c.
0541	Lead--inorganic compounds	150	Luggage, unspecified
0542	Lead--organic compounds	8522	Lumber carrier (powered industrial carrier)
0542	Lead--tetraethyl, tetramethyl	415*	Lumber, wood
7191	Leaf skimmers (nonpowered handtools)	4151	Lumber--dimensional (1x4, 2x4, etc.)
4422	Leather drives (machine and appliance parts)	024	Lye
5114	Leather hides		
376*	Leather, textile, apparel production machinery		M
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	44*	Machine, tool, and electric parts
799	Lighters	449	Machine, tool, and electric parts, n.e.c.
241*	Lighting equipment	440	Machine, tool, and electric parts, unspecified
2419	Lighting equipment, n.e.c.	3*	Machinery
2410	Lighting equipment, unspecified	3321	Machinery and appliances--beverage heating and percolating
9374	Lightning	3322	Machinery and appliances--broiling and frying
0213	Lime--burnt, fluxing, pebble, quick, slaked, unslaked, etc.	3339	Machinery and appliances--filtering and purifying
0221	Limestone, calcium carbonate	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		

*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--haymaking
3542	Machinery--honoring, 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--milling, broaching (metal, woodworking, special material)
323*	Machinery--logging and wood processing	789	Machines--milling, broaching (metal, woodworking, special material)
34*	Machinery--material handling	3522	Machines--milling, broaching (metal, woodworking, special material)
35*	Machinery--metal, woodworking, and special material	3524	Machines--milling, broaching (metal, woodworking, special material)
324*	Machinery--mining and drilling	3512	Machines--milling, broaching (metal, woodworking, special material)
39*	Machinery--miscellaneous	358	Machines--reaming, reamers
312*	Machinery--mowing	3214	Machines--shearing (metal, woodworking, special material)
36*	Machinery--office and business	3243	Machines--shearing (metal, woodworking, special material)
362*	Machinery--office, banking, and retail	3998	Machines--threading and tapping (metal, woodworking, special material)
399*	Machinery--other	3999	Machines--threading and tapping (metal, woodworking, special material)
319*	Machinery--other agricultural and garden	3523	Machines--trenching
329*	Machinery--other construction, logging, and mining	94*	Machines--tunneling (mining and drilling)
379*	Machinery--other special process	0565	Machines--tunneling (mining and drilling)
373*	Machinery--packaging, bottling, wrapping	4413	Machines--vending
3732	Machinery--packaging, wrapping, bundling	432	Machines--voting
3795	Machinery--paint mixing	111	Machining centers (metal, woodworking, special material)
3796	Machinery--painting, priming, metal coating	214	Magazines, books, paper
374*	Machinery--paper production	3624	Magazines, catalogues, books, notebooks
3763	Machinery--picking, carding, combing	114	Magnesium and magnesium compounds
		132	Magnetic and electrolytic apparatus
		0729	Magnetic and electrolytic apparatus
		0653	Magnets, clamshells, hooks, shackles (hoisting accessories)
			Mail pouches
			Mail-sorting racks
			Mailing and metering machines
			Mailing cases
			Mailing packages, parcels
			Make-up--cosmetic
			Malathion

*Titles -not used for case coding

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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
6443	Manholes, storm drains, sewers	413*	Metal materials--structural
3466	Manlifts	541	Metal ores--nonradiating
7193	Manure fork (nonpowered handtools)	4123	Metal pipe, tubing
3133	Manure spreaders	099	Metal plating solutions, unspecified
517	Manure, animal waste products	451	Metal sheets, ingots, bars--nonstructural
4113	Marble--splashblocks	35*	Metal, woodworking, and special material machinery
7959	Marimbas	3599	Metal, woodworking, and special material machinery, n.e.c.
121	Marine boilers	350	Metal, woodworking, and special material machinery, unspecified
3219	Marine dredges, excavators	4137	Metal--sheet (structural metal materials)
7982	Markers (art supplies)--felt, soft tip	54*	Metallic minerals
7124	Marking knives	549	Metallic minerals, n.e.c.
0729	Masks--cosmetic	540	Metallic minerals, unspecified
786	Masks--diving	05*	Metallic particulates, trace elements, dusts, powders, fumes
771	Masks--dust (protective equipment)	059	Metallic particulates, trace elements, dusts, powders, fumes, n.e.c.
773	Masks--welding, face shields (protective equipment)	050	Metallic particulates, trace elements, dusts, powders, fumes, unspecified
7124	Mat cutters	056*	Metals and compounds--other
799	Matches--book	058	Metallics and metallic compounds--multiple
34*	Material handling machinery	542*	Metals--radiating
3499	Material handling machinery, n.e.c.	3551	Metalworking lathes
340	Material handling machinery, unspecified	0139	Metaphosphoric acid
41*	Materials (solid elements)--building	0653	Metastox
4*	Materials and Parts	3624	Metering and mailing machines
45*	Materials--nonstructural metal	769	Meters--exposure (photographic equipment)
7132	Mattocks (combination adz, pick, and axe)	7156	Metersticks
231	Mattresses, beds, bedding	0142	Methacrylic acid
789	Mattresses--air	0961	Methane gas
7161	Mauls (nonpowered handtools)	096*	Methane, sewer gas, mine gas
0364	MBK	0315	Methanol
0641	MCPA	0315	Methyl alcohol
0641	MCPB	0323	Methyl aldehyde
715*	Measuring handtools--nonpowered	0331	Methyl amine
7159	Measuring handtools--nonpowered, n.e.c.	0413	Methyl bromide
7150	Measuring handtools--nonpowered, unspecified	0423	Methyl chloride
3713	Meat grinders	0352	Methyl ether
526	Meat, poultry	0354	Methyl ethyl ether
3236	Mechanical harvester (logging and wood processing)	0363	Methyl ethyl ketone
3241	Mechanical miners (mining and drilling)	0434	Methyl fluoride
75*	Medical and surgical instruments	0369	Methyl isobutyl ketone
759	Medical and surgical instruments, n.e.c.	0364	Methyl n-butyl ketone
750	Medical and surgical instruments, unspecified	0369	Methyl n-propyl ketone
3721	Medical machinery and equipment, except x-ray	0653	Methyl parathion
372*	Medical, surgical, and x-ray machinery and equipment	0341	Methyl yellow
3729	Medical, surgical, and x-ray machinery and equipment, n.e.c.	0312	Methylated spirit
3720	Medical, surgical, and X-ray machinery and equipment, unspecified	0343	Methylbenzene
113	Medicine bottles	0343	Methylbenzol
212	Medicine cabinets	0429	Methylene chloride
0743	Medicines	0323	Methylene oxide
074*	Medicines, drugs, alcohol	0641	Methylphenoxyacetic acid (4-chloro-2-)
0748	Medicines, drugs--multiple	0139	Metsilic acid
0363	MEK	0653	Mevinphos
118	Melting pots	7151	Micrometers, calipers
063	Mercurials--organic	3326	Microwave ovens
055	Mercury and compounds	113	Milk bottles
0362	Mesityl oxide	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, calendering 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	4414	Motors (machine, tool, and electric parts)
3291	Mineral agitators, mixers (construction, logging, and mining)	0721	Mousses--hair
3292	Mineral compactors, crushers, pulverizers (construction, logging, and mining)	7959	Mouthpieces--musical instrument
3249	Mineral property analyzers (mining and drilling)	7429	Movable ladders, n.e.c.
3242	Mineral sorters, separators, concentrators (mining and drilling)	7420	Movable ladders, unspecified
0771	Mineral spirits	769	Movie screens
5*	Minerals, persons, plants, and animals	6293	Moving walkways
54*	Minerals--metallic	3129	Mowers--nonpowered push
55*	Minerals--nonmetallic, except fuel	3121	Mowers--nonriding, powered lawn
3241	Miners--continuous, mechanical (mining and drilling)	3122	Mowers--riding lawn
912	Mines	3123	Mowers--tractor, hay
644*	Mines, caves, tunnels	312*	Mowing machinery
6449	Mines, caves, tunnels, n.e.c.	3129	Mowing machinery, n.e.c.
6440	Mines, caves, tunnels, unspecified	3120	Mowing machinery, unspecified
6441	Mines, mine tunnels	3722	MRI's (magnetic resonance imaging), x-ray, and fluoroscope machinery and equipment
324*	Mining and drilling machinery	932	Mud slide, avalanche
3249	Mining and drilling machinery, n.e.c.	4825	Muffler, exhaust (vehicle engine parts and accessories)
3240	Mining and drilling machinery, unspecified	7174	Multi-stones (nonpowered surfacing handtools)
32*	Mining, construction, and logging machinery	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
0341	Moca	058	Multiple metallics and metallic compounds
7214	Molders and routers (powered handtools)	0948	Multiple oxygen and oxygen compounds
3531	Molding machinery (except plastic)	0768	Multiple paint, lacquer, shellac, or varnishes
353*	Molding, extruding, injecting, forming machinery (metal, woodworking, special material)	0778	Multiple solvents, degreasers
4421	Molds, patterns, dies (machine and appliance parts)	0978	Multiple sulfur and sulfur compounds
452	Molten or hot metals, slag (nonstructural metal materials)	061	Muriate of potash
0149	Monofluorophosphoric acid	0123	Muriatic acid
0432	Monofluorotrichloromethane	7959	Musical instrument accessories (e.g. reeds, mouthpieces, stands, traps)
0959	Monomer, n.e.c.	159	Musical instrument cases
0954	Monomer--polyvinyl chloride, vinyl chloride	7950	Musical instrument, unspecified
3435	Monorail and underhung cranes	795*	Musical instruments
871	Monorail rides (amusement park rail vehicle)	7959	Musical instruments--electronic, except pianos
0941	Monoxide--carbon	7959	Musical instruments--non-electronic, except pianos
0649	Monuron		
823	Moped, motorcycle (motorized highway vehicle)		N
7191	Mops, brooms, and other cleaning tools	0319	n-butyl alcohol
		0316	n-propyl alcohol
		063	Nabam

*Titles -not used for case coding

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7129	Nail clippers	7959	Oboes
7291	Nail guns (powered handtools)--air, electric, gunpowder activated, etc.	7959	Ocarinas
7192	Nail pullers (nonpowered handtools)	7959	Octophones (musical instruments)
716*	Nailing and striking handtools (nonpowered)	3629	Office and banking machinery, n.e.c.
733*	Nailing and striking handtools (power not determined)	3620	Office and banking machinery, unspecified
723*	Nailing and striking handtools (powered)	36*	Office and business machinery
4212	Nails, brads, tacks	360	Office and business machinery, unspecified
0653	Naled (Dibrom)	217	Office and store shelving
0341	Naphthylamine--alpha-, beta-	212	Office cabinets
0771	Naptha	234	Office desks
0771	Naptha solvents	216	Office partitions
0771	Naptha--cleaners'	362*	Office, banking, and retail machinery
0342	Naptha--coal	84*	Offroad vehicle, nonindustrial
0771	Napthalene	849	Offroad vehicle, nonindustrial, n.e.c.
082	Natural gas	840	Offroad vehicle, nonindustrial, unspecified
08*	Natural gas, coal, petroleum fuels and products, n.e.c.	116	Oil cans
9211	Neckties, scarves, belts, gloves	112	Oil drums
751	Needles and syringes (medical and surgical instruments)	118	Oil storage tanks
751	Needles--hypodermic, suture (medical and surgical instruments)	3797	Oil well pumps
7962	Needles--sewing	083	Oil--crude, petroleum
0929	Neon--liquified	0844	Oil--cutting, lubricating greases
114	Newsboard boxes	0314	Oil--fusel
3529	Nibbling machines (metal, woodworking, special material)	0843	Oil--heating, kerosene
7983	Nibs (art supplies)	5291	Oils, fats
0567	Nickel and nickel compounds	7174	Oilstone (nonpowered surfacing handtools)
0659	Nicotine	0149	Oleic acid
9219	Nightgowns, nightshirts	7129	Openers--letter
7169	Nightsticks (nonpowered striking handtools)	236	Operating tables
7141	Nippers	3614	Optical scanners
0913	Nitrate--ammonium	8513	Order picker high lift truck (forklift)
0132	Nitric acid	541	Ores--nonradiating metal
0943	Nitric oxide	014*	Organic acids
0391	Nitro hydrocarbons	0149	Organic acids, n.e.c.
0391	Nitrobenzene	0140	Organic acids, unspecified
0391	Nitrobiphenyl (4-)	0542	Organic lead compounds
0391	Nitroethane	063	Organic mercurials (used in seed dressing)
0391	Nitrogen compounds--aliphatic and organic	0652	Organochlorine compounds
0943	Nitrogen dioxide	0653	Organophosphorus compounds, organophosphates
0943	Nitrogen oxides	7959	Organs (musical instruments)
0943	Nitrogen trioxide	4111	Ornamental, decorative paving blocks
0924	Nitrogen--liquid	0139	Orthoboric acid
0943	Nitrogen--other oxides of	794	Orthopedic and health care equipment, n.e.c.
0149	Nitrohydrochloric acid	794	Orthopedic braces (health care and orthopedic equipment)
0391	Nitropropane (2-)	0139	Orthoperiodic acid
0139	Nitrous acid	0139	Orthosilicic acid
0943	Nitrous oxide	0139	Orthotelluric acid
0146	Nitroxanthic acid	3190	Other agricultural and garden machinery, unspecified
0139	Nitroxyl acid	4190	Other building materials--solid elements, unspecified
9391	Noise	0790	Other chemical products, unspecified
033*	Nonaromatic amines	3290	Other construction, logging, and mining machinery, unspecified
0339	Nonaromatic amines, n.e.c.	240	Other fixtures, unspecified
0330	Nonaromatic amines, unspecified	6290	Other floors, walkways, ground surfaces, unspecified
9999	Nonclassifiable	7190	Other handtools--nonpowered, unspecified
55*	Nonmetallic minerals, except fuel	7290	Other handtools--powered, unspecified
559	Nonmetallic minerals, except fuel, n.e.c.	3990	Other machinery, unspecified
550	Nonmetallic minerals, except fuel, unspecified	9*	Other Sources
71*	Nonpowered handtools	98	Other sources, n.e.c.
786	Nose plugs	3790	Other special process machinery, unspecified
941	Notebooks, magazines, catalogues, books	630	Other structural elements, unspecified
423	Nozzles, valves	6480	Other structures, unspecified
7169	Numchuks (nonpowered striking handtools)	235	Ottomans
7149	Nutcrackers (nonpowered handtools)	0733	Oven and drain cleaners
4213	Nuts, bolts, washers		
524	Nuts, vegetables, fruits		

O

586 Oak--poison

*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	8514	Pallet lift truck--motorized (forklift)
344*	Overhead hoists	16	Pallets, skids
3449	Overhead hoists, n.e.c.	0149	Palmitic acid
3440	Overhead hoists, unspecified	3425	Pan conveyors
3441	Overhead hoists--electric powered	4152	Paneling--wood, plywood; particle, chip, flake board
3442	Overhead hoists--manual	222	Panels--acoustic wall
3443	Overhead hoists--pneumatic powered	632	Panels--fence, fences
153	Overnight bags	4135	Panels--metal, plates (structural metal materials)
0149	Oxalic acid	117	Pans, trays, pots
0351	Oxide--ethyl, diethyl	117	Pans--baking, dust, kitchen, etc.
0353	Oxide--ethylene, dimethylene	7159	Pantographs
0541	Oxide--lead	9212	Pants, shirts, dresses, skirts, blouses
0362	Oxide--mesityl	762	Paper and cloth--photographic
0323	Oxide--methylene	7129	Paper cutters (nonpowered handtools)
0943	Oxide--nitric, nitrous	132	Paper packages, parcels
0943	Oxides of nitrogen--other	374*	Paper production machinery
021*	Oxides--calcium	3749	Paper production machinery, n.e.c.
0943	Oxides--nitrogen	3740	Paper production machinery, unspecified
0353	Oxirane	133	Paper rolls
0323	Oxomethane	94*	Paper, books, magazines
3594	Oxyacetylene torch (metal, woodworking, special material)	949	Paper, books, magazines, n.e.c.
0131	Oxyacids--contained in chlorine	940	Paper, books, magazines, unspecified
094*	Oxygen and oxygen compounds, n.e.c.	942	Paper, sheets
0940	Oxygen and oxygen compounds, unspecified	471	Paper--roofing, roofing felt
0948	Oxygen and oxygen compounds--multiple	7173	Paper--sand
123	Oxygen tanks	7129	Paper-hole punchers
0925	Oxygen--liquid	0959	PAPI
0944	Oxygen--nonliquified	8132	Parachute
0323	Oxymethylene	0642	Paraquat
7141	Oyster tongs	53*	Parasitic and infectious agents
0945	Ozones	0653	Parathion
	P	0653	Parathion--methyl
340	Package conveyor	132	Parcels, packages
132	Packages, parcels	232	Park benches
373*	Packaging, bottling, wrapping machinery	628	Parking lots
3739	Packaging, bottling, wrapping machinery, n.e.c.	4152	Particle board
3730	Packaging, bottling, wrapping machinery, unspecified	951*	Particles, splinters, chips
3732	Packaging, wrapping, bundling machinery	9511	Particles--dirt
111	Packets	9513	Particles--metal
113	Packing bottles, packing jugs, etc.	05*	Particulates, trace elements, dusts, powders, fumes--metallic
116	Packing cans	216	Partitions
781	Packs--back (recreation and athletic equipment)	216	Partitions--room
7199	Padlocks	4*	Parts and Materials
7173	Pads--abrasive	49*	Parts and materials, n.e.c.
7989	Pads--ink (art supplies)	40	Parts and materials, unspecified
7179	Pads--scouring	769	Parts--camera
115	Pails, buckets, baskets	441*	Parts--electric
115	Pails--milk	442*	Parts--machine and appliance
0762	Paint	44*	Parts--machine, tool, and electric
7199	Paint brushes	443*	Parts--tool
3795	Paint mixing machinery	48*	Parts--vehicle and mobile equipment
0772	Paint removers, thinners	482*	Parts--vehicle engine
7199	Paint rollers	7982	Pastels (art supplies)
7179	Paint scrapers (nonpowered surfacing handtools)	3191	Pasteurizers (milk processing)
7294	Paint sprayers (powered handtools)	464	Patching compounds, joint compound
7199	Paint sticks	624	Paths, outdoor walkways, sidewalks
0768	Paint, lacquer, shellac, or varnishes--multiple	4111	Pavers and bricks
076*	Paint, lacquer, shellac, varnish, n.e.c.	3254	Pavers--road, steam rollers
0760	Paint, lacquer, shellac, varnish, unspecified	0426	PCBs (polychlorinated biphenyls)
		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.

*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
0145	Peracetic acid	7959	Piccolos
0131	Perchloric acid	7132	Pick-axes (nonpowered handtools)
0425	Perchloroethylene	3763	Picking, carding, combing machinery
0139	Perchromic acid	7132	Picks (nonpowered handtools)--hand, ice, etc.
3321	Percolating and beverage heating equipment and appliances	8253	Pickup truck
0149	Performic acid	115	Picnic baskets
0139	Periodic acid	0146	Picric acid
0139	Permanganic acid	0146	Picronitric acid
0721	Perming solutions--hair	6291	Piers, wharfs
0371	Peroxide--benzoyl	3293	Pile drivers, tamping machinery (construction, logging, and mining)
0372	Peroxide--hydrogen	3294	Pile extractors (construction, logging, and mining)
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	3522	Planing machines (metal, woodworking, special material)
0342	Phene	352*	Planing, milling, boring, drilling machinery (metal, woodworking, special material)
0143	Phenol	859	Plant and industrial powered vehicle, n.e.c.
0146	Phenol trinitrate	85*	Plant and industrial powered vehicles, tractors
0645	Phenols	850	Plant and industrial powered vehicles, unspecified
0342	Phenyl hydride	86*	Plant and industrial vehicle--nonpowered
0149	Phenylacetic acid	869	Plant and industrial vehicle--nonpowered, n.e.c.
0641	Phenylacetic and benzoic acids	860	Plant and industrial vehicle--nonpowered, unspecified
0343	Phenylmethane	0649	Plant foods mixed with fertilizers and herbicides
0149	Phenylstearic acid	313*	Planting, fertilizing, and plowing machinery
0653	Phenylsulphtion	5*	Plants, animals, minerals, and persons
0653	Phorate	580	Plants, trees, vegetation, unspecified
0653	Phosdrin	58*	Plants, trees, vegetation--not processed
0429	Phosgene	589	Plants, trees, vegetation--not processed, n.e.c.
066	Phosphide--zinc	584	Plants--houseplants
099	Phosphine	3594	Plasma arch torch (metal, woodworking, special material)
0133	Phosphoric acid	3532	Plastic extruders (metal, woodworking, special material)
0982	Phosphoric acid and chlorine--mixture		
0139	Phosphorous acid		
3625	Photocopiers		
0793	Photographic and copying solutions		
769	Photographic and graphic arts plates		
0793	Photographic chemicals		
76*	Photographic equipment		
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)	024	Potassium hydroxide
769	Plates--photographic and graphic arts	0374	Potassium peroxide
8515	Platform lift truck--high or low lift (forklift)	7124	Potato peelers
6224	Platform--temporary work floor	3324	Potbellied stoves
099	Plating solutions--metal, unspecified	117	Pots, pans, trays
783	Play sets--outdoor (playground equipment)	117	Pots--kitchen
783	Playground equipment	115	Pots--lobster
7141	Pliers, tongs (nonpowered handtools)	118	Pots--melting
7122	Pliers--cutting	099	Potting compound hardener
3615	Plotters and printers--computer	152	Pouches--cosmetic
3131	Plowing and cultivating machinery	111	Pouches--mail
313*	Plowing, planting, and fertilizing machinery	526	Poultry, meat
3139	Plowing, planting, and fertilizing machinery, n.e.c.	05*	Powders, particulates, trace elements, dusts, fumes--metallic
3130	Plowing, planting, and fertilizing machinery, unspecified	0735	Powders--scouring
3131	Plows (agricultural)	121	Power boilers
3995	Plows--snow	7231	Power hammers
7155	Plumb bobs (nonpowered measuring handtools)	4415	Power lines, transformers, convertors
242*	Plumbing fixtures	72*	Powered handtools
2429	Plumbing fixtures, n.e.c.	852*	Powered industrial carrier, except forklifts
2420	Plumbing fixtures, unspecified	8529	Powered industrial carrier, n.e.c.
612	Plumbing system	8520	Powered industrial carrier, unspecified
7155	Plumbs (nonpowered measuring handtools)	4113	Preformed sidewalk slabs
5421	Plutonium	3323	Pressers--fabric, ironing appliances
4152	Plywood, wood paneling; particle, chip, flake board	356*	Presses, except printing (metal, woodworking, special material)
066	PMP	3569	Presses, except printing, n.e.c.
3426	Pneumatic conveyors	3560	Presses, except printing, unspecified
122	Pneumatic hoses	3561	Presses--assembly (metal, woodworking, special material)
7124	Pocket knives	3562	Presses--brake (metal, woodworking, special material)
152	Pocketbooks, wallets, handbags	3521	Presses--drill (metal, woodworking, special material)
7291	Point drivers (powered handtools)	3753	Presses--printing
585	Poison ivy, oak, sumac	3563	Presses--punch (metal, woodworking, special material)
7121	Poleaxes	9311	Pressure (air)--high
647	Poles, towers	9312	Pressure (air)--low
7169	Police batons, nightsticks	129	Pressure cylinders
7241	Polishers--powered	3593	Pressure fluid cutting machinery (metal, woodworking, special material)
0734	Polishes	129	Pressure gas tanks
073*	Polishing and cleaning agents, disinfectants, n.e.c.	129	Pressure housings
0738	Polishing and cleaning agents--multiple	124	Pressure lines, except hoses
0739	Polishing and cleaning agents--other	121	Pressure stills
7241	Polishing heads	931*	Pressure--air
354*	Polishing, grinding machinery (metal, woodworking, special material)	3796	Priming, metal coating, painting machinery
3542	Polishing, lapping, honing machinery (metal, woodworking, special material)	3615	Printers and plotters--computer
0142	Polyacrylic acid	375*	Printing machinery and equipment
0426	Polychlorinated biphenyls (PCBs)	3759	Printing machinery and equipment, n.e.c.
0959	Polymer	3750	Printing machinery and equipment, unspecified
0142	Polymethacrylic acid	3753	Printing presses
0959	Polypropylene	392	Product assembly machinery, n.e.c.
0959	Polystyrene	3733	Product labeling machinery
0953	Polyurethane	393	Product testing, inspecting, and diagnostic machinery, n.e.c.
0959	Polyvinyl acetate	763	Projectors--still and motion picture, cinema, slide, home movie, etc.
0954	Polyvinyl chloride monomer	0845	Propane
0954	Polyvinyl chloride, vinyl chloride		
645	Pools		
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	4136	Rails (structural metal materials)
0339	Propyl amine	9375	Rain
0319	Propylene glycol	7194	Rakes (nonpowered handtools)--garden, swimming pool, leaf, etc.
77*	Protective equipment, except clothing	7191	Ram rods (cleaning rods)
779	Protective equipment, except clothing, n.e.c.	6292	Ramps, runways, loading docks
770	Protective equipment, except clothing, unspecified	3326	Ranges, cooking ovens, grills, toasters, food warmers
7156	Protractors (nonpowered measuring handtools)	3326	Ranges--kitchen, cooking
7192	Prying bars, nail pullers (nonpowered handtools)	7171	Rasps (nonpowered handtools)--cabinet, keyway, needle, round, sculptor's, etc.
7149	Pullers--wheel, gear, bearing (nonpowered handtools)	7249	Rasps (powered handtools)--rotary
4423	Pulleys, sheaves, drums (machine and appliance parts)	7113	Ratchet drills (nonpowered handtools)
3292	Pulverizers, compactors, crushers--earth, mineral (construction, logging, and mining)	7181	Ratchet drivers (nonpowered turning handtools)
7174	Pumice stone (nonpowered surfacing handtools)	5155	Rats, rodents
3797	Pumps--centrifugal, gasoline, oil well, fluid power, water, sump	7129	Razorblades
3563	Punch presses (metal, woodworking, special material)	7129	Razors (nonpowered handtools)
7163	Punches (nonpowered handtools)--belt, center	7229	Razors (powered handtools)--electric
7332	Punches (power not determined)	8516	Reach rider lift truck (forklift)
7233	Punches (powered)	7113	Reamers (nonpowered handtools)
7163	Punches, counterpunches, countersinks	3524	Reaming machines (metal, woodworking, special material)
3339	Purifying and filtering machinery--other	3113	Reapers, harvesters (agricultural)
152	Purses	4132	Rebar, bars, rods
7113	Push drills (nonpowered handtools)	233	Recliners
3129	Push mowers--nonpowered	3914	Recorders and players--video
7191	Pushbrooms	78*	Recreation and athletic equipment
7124	Pushknives	789	Recreation and athletic equipment, n.e.c.
7179	Putty knives (nonpowered surfacing handtools)	780	Recreation and athletic equipment, unspecified
0659	Pyrethrum	824	Recreational vehicle, motor home
0361	Pyroacetic ether	3792	Rectifying and distilling machinery
0329	Pyromucic aldehyde	0132	Red fuming nitric acid (RFNA)
0754	Pyrotechnics, fireworks	7959	Reeds--musical instrument
Q		133	Reels, rolls--banding, wire, steel wool, etc.
0213	Quick lime	769	Reels--film
7983	Quills (art supplies)	0432	Refrigerant 11
R		3314	Refrigerators, freezers, ice makers
21*	Racks, shelves, cases, cabinets	3324	Registers (furnaces, heaters)
214	Racks--book and magazine, clothes, coat, display, garment, mail-sorting, etc.	784	Reins (riding goods and equipment)
3521	Radial drills (metal, woodworking, special material)	574	Relative of injured or ill worker
542*	Radiating metals, natural and processed	4416	Relays, rheostats, starters, controls (machine, tool, and electric parts)
5429	Radiating metals, natural and processed, n.e.c.	516	Reptiles, snakes
5420	Radiating metals, natural and processed, unspecified	0952	Resin--acrylic, epoxy, silicone
4826	Radiator (vehicle engine parts and accessories)	0952	Resins
		095*	Resins, plastics
		776	Respirators (protective equipment)
		0941	Results of incomplete combustion of fuels
		362*	Retail, office, and banking machinery
		759	Retractors (medical and surgical instruments)
		0132	RFNA (red fuming nitric acid)
		0139	Rhenic acid
		4416	Rheostats, starters, controls, relays (machine, tool, and electric parts)
		784	Riding goods and equipment
		7171	Rifflers (nonpowered surfacing handtools)
		7932	Rifle

*Titles -not used for case coding

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4814	Rims--tire, wheels	7193	Sading forks, pitchforks
0721	Rinses--hair	775	Safety belts, harnesses, lifelines, lanyards (protective equipment)
7234	Riveters (powered handtools)--electric pneumatic	777	Safety glasses or goggles (protective equipment)
4214	Rivets (fasteners)	7199	Safety guides
6481	Road dividers, guardrails	786	Sailboards
325*	Road grading and surfacing machinery	885	Sailboat, sailing ship
3259	Road grading and surfacing machinery, n.e.c.	0149	Salicylic acid
3250	Road grading and surfacing machinery, unspecified	0541	Salts--lead
3253	Road linemarking machinery	7243	Sand belts (powered handtools)
3254	Road pavers, steam rollers	556	Sand, gravel
626	Road, street (surfaces)	9214	Sandals, boots, shoes, slippers
3326	Roasters (heating and cooking machinery and appliances)	7244	Sandblasters--powered
3241	Rock drills (mining and drilling)	783	Sandboxes (playground equipment)
233	Rocking chairs	7173	Sanders (nonpowered handtools)--hand, block, sanding sticks, sandpaper, etc.
555	Rocks, crushed stone	7341	Sanders (power not determined)
066	Rodenticides	7243	Sanders (powered handtools)--disc, belt, finishing, etc.
5155	Rodents, rats	7173	Sanding grips (nonpowered handtools)
4132	Rods, bars, reinforcing bar (rebar)	4432	Saw blades--unattached
7191	Rods--ram, cleaning	232	Saw horses
234	Roll-top desks	9514	Sawdust, wood chips
871	Roller coasters (amusement park rail vehicle)	357*	Sawing machinery (metal, woodworking, special material)--stationary
3412	Roller conveyors	3579	Sawing machinery--stationary, n.e.c.
3424	Roller conveyors--live	3570	Sawing machinery--stationary, unspecified
789	Roller skates/blades	3579	Saws (metal, woodworking, special material)--abrasive, diamond
4427	Rollers (machine and appliance parts)	3571	Saws (metal, woodworking, special material)--arm, radial
7199	Rollers--paint (nonpowered handtools)	3572	Saws (metal, woodworking, special material)--band
3513	Rolling mills, rolling, calendaring machinery (metal, woodworking, special material)	3570	Saws (metal, woodworking, special material)--cutoff
792	Rolling pins (cooking and eating utensils)	3573	Saws (metal, woodworking, special material)--table
351*	Rolling, shaping, bending machinery (metal, woodworking, special material)	7125	Saws (nonpowered handtools)
133	Rolls, reels--carpet, fabric, paper, etc.	7323	Saws (power not determined)
634	Roof	7224	Saws (powered handtools), except chainsaws--circular, jig, portable hand
4143	Roof shingles, except tile	7959	Saxophones
635	Roof trusses	6224	Scaffold floor
471	Roofing paper, roofing felt	646*	Scaffolds, staging
461	Roofing tar, asphalt	6461	Scaffolds--improvised staging
216	Room partitions	6462	Scaffolds--self-supporting staging
4224	Rope, twine, string	6463	Scaffolds--staging supported by structure or other means
422*	Ropes, ties	6469	Scaffolds--staging, n.e.c.
42*	Ropes, ties, fasteners, connectors	6460	Scaffolds--staging, unspecified
4229	Ropes, ties, n.e.c.	6464	Scaffolds--suspended staging
4220	Ropes, ties, unspecified	7159	Scales (nonpowered measuring handtools)
782	Ropes--jump (gymnasium and exercise equipment)	752	Scalpels (medical and surgical instruments)
7249	Rotary rasps (powered handtools)	3614	Scanners--optical
0659	Rotenone	9211	Scarves, belts, gloves, neckties
7214	Routers and molders (powered handtools)	234	School desks
882	Rowboat, raft, canoe, kayak	7126	Scissors (nonpowered handtools)--hand, barber's, tailor's, school, office, etc.
782	Rowing machines (gymnasium and exercise equipment)	7126	Scissors, snips, shears (nonpowered handtools)
3532	Rubber extruders (metal, woodworking, special material)	7134	Scoops--hand (nonpowered handtools)
7989	Rubber stamps (art supplies)	514	Scorpions, spiders, ticks
0316	Rubbing alcohol	7179	Scouring pads
7156	Rulers (nonpowered measuring handtools)--tape measures, etc.	0735	Scouring powders
7156	Rules (nonpowered measuring handtools)--shop, steel, bench, centering, foot, pocket, parallel, etc.	95*	Scrap, waste, debris
6292	Runways, loading docks, ramps	959	Scrap, waste, debris, n.e.c.
7125	Ryoba saws (nonpowered handtools)	950	Scrap, waste, debris, unspecified
S		7124	Scrapers (used with lathes)
111	Sacks, bags, totes	3252	Scrapers, graders, levellers, planers (road grading and surfacing)
784	Saddlery (riding goods and equipment)	7172	Scrapers--cabinet (nonpowered handtools)
784	Saddles (riding goods and equipment)		

*Titles -not used for case coding

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7179	Scrapers--paint (nonpowered surfacing handtools)	942	Sheets--paper
4191	Screening and fencing material, n.e.c.	0761	Shellac, lacquer, varnish
769	Screens--movie	0768	Shellac, paint, lacquer, or varnishes--multiple
7989	Screens--textile printing (art supplies)	076*	Shellac, paint, lacquer, varnish, n.e.c.
3427	Screw conveyors, auger conveyors	513	Shellfish, fish
7181	Screwdrivers (nonpowered turning handtools)-- phillips head, straight tip, ratchet, etc.	5111	Shells, bones
7351	Screwdrivers (power not determined)	21*	Shelves, cases, cabinets, racks
7253	Screwdrivers (powered)	217	Shelving
4215	Screws (fasteners)	131	Shingle bales
7125	Scroll saws (nonpowered handtools)	414*	Shingles, tiles
7293	Scrubbers--powered	4143	Shingles--roof (except tile)
786	Scuba diving equipment	114	Shipping crates, hampers
7124	Scythes	112	Shipping drums
527	Seafood	886	Ships--other than sail powered
46*	Sealants, caulking, insulating material, tars	885	Ships--sailing, sailboat
466	Sealants, waterproofers, n.e.c.	9212	Shirts, dresses, trousers, skirts, blouses
3734	Sealing, stapling machinery	921*	Shoes and clothing
0149	Sebacic acid	9214	Shoes, boots, slippers, sandals
0316	Secondary propyl alcohol	232	Shop benches
3132	Seed planting machinery	913	Shot--pellets
0139	Selenic acid	7933	Shotgun
8254	Semitrailer, tractor trailer, trailer truck	152	Shoulder bags
3242	Separators, concentrators, sorters--mineral (mining and drilling)	7133	Shovels (nonpowered handtools)--hand, snow, etc.
117	Serving trays	3213	Shovels--steam and power
0721	Setting gels--hair	212	Showcases
0651	Sevin (Carbaryl)	2429	Showers
952	Sewage	586	Shrubs, grasses
0963	Sewer gas	7124	Sickles
096*	Sewer gas, mine gas, methane	624	Sidewalks, paths, outdoor walkways
0960	Sewer gas, mine gas, unspecified	4196	Siding--aluminum, vinyl (building materials-- solid elements)
6443	Sewers, manholes, storm drains	557	Silica
7962	Sewing needles	0959	Silicate--ethyl
796*	Sewing notions, n.e.c.	0952	Silicone resin
7969	Sewing notions, n.e.c.	0641	Silvex
7960	Sewing notions, unspecified	0646	Simazine
3764	Sewing, stitching machinery	8517	Single side loader rider truck (forklift)
7159	Sextants (nonpowered measuring handtools)	2422	Sinks
432	Shackles, magnets, clamshells, hooks (hoisting accessories)	7156	Size sticks
223	Shades--window, blinds, or draperies	789	Skateboards
3119	Shakers--tree (agricultural)	789	Skates--ice, roller
0737	Shampoos and detergents--synthetic	3235	Skidder, forwarder/yarder (logging and wood processing)
0721	Shampoos--hair	3238	Skidder--cable and grapple (logging and wood processing)
351*	Shaping, bending, rolling machinery (metal, woodworking, special material)	16	Skids, pallets
7174	Sharpening stones and wheels (nonpowered handtools)	785	Skiing--snow equipment
7179	Sharpening straps (nonpowered surfacing handtools)	117	Skillets
7172	Shavehooks (nonpowered handtools)	7191	Skimmers--leaf
7124	Shavers (nonpowered woodworking handtools)	786	Skin diving equipment
3512	Shearing machines	9212	Skirts, blouses, shirts, dresses, trousers
7126	Shears (nonpowered handtools)--hedge, pruning	883	Skis--jet (water vehicle)
7229	Shears (powered handtools)	636	Skylights
4423	Sheaves, drums, pulleys (machine and appliance parts)	4113	Slabs or structural stones, n.e.c.
5156	Sheep	4113	Slabs--preformed sidewalk
4195	Sheet flooring (building materials--solid elements)	0213	Slaked lime
4137	Sheet metal (structural metal materials)	3237	Slasher (logging and wood processing)
47*	Sheeting and tarps--nonmetal	7164	Sledges (nonpowered handtools)
472	Sheeting--plastic or fabric; tarps	781	Sleeping bags (recreation and athletic equipment)
4198	Sheetrock (building materials--solid elements)	9373	Sleet, snow, ice
451	Sheets--metal, ingots, bars (nonstructural metal materials)	3711	Slicers--food
		7179	Slicks (nonpowered surfacing handtools)--cement smoothers
		7123	Slicks--socket (chisels)
		783	Sliding boards (playground equipment)
		433	Slings (hoisting accessories)
		3254	Slip-form pavers
		9214	Slippers, sandals, shoes, boots
		7174	Slipstones (nonpowered surfacing handtools)

*Titles -not used for case coding

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3745	Slitters, winders--paper production	4113	Splashblocks--cut marble
115	Slop pails	951*	Splinters, particles, chips
3428	Slot conveyors	7172	Spokeshaves (nonpowered handtools)
789	Slot machines	7191	Sponges
3533	Smelters (metal, woodworking, special material)	792	Spoons (cooking and eating utensils)
9376	Smog	3594	Spot welding machinery (metal, woodworking, special material)
9342	Smoke, fire gases	7294	Sprayers--paint (powered handtools)
934*	Smoke, fire, flame	3193	Spraying and dusting machinery--agricultural
516	Snakes, reptiles	0721	Sprays--hair
7126	Snips--tin (nonpowered handtools)	3251	Spreaders--asphalt and mortar (road grading and surfacing)
786	Snorkels (water sports equipment)	3133	Spreading machinery (agricultural)--fertilizer, manure
3995	Snow plows	7134	Spuds (combination trowel and chisel)
785	Snow skiing goods and equipment	7121	Spuds--bark
9373	Snow, sleet, ice	7157	Squares (nonpowered measuring handtools)--framing, speed, T-, combination, try, engineers, etc.
3994	Snowblowers	066	Squill and derivatives
843	Snowmobile	8523	Stacker carrier (powered industrial carrier)
799	Soap dispensers	643	Stadia, grandstands
0736	Soap products	7169	Staffs (nonpowered striking handtools)
0729	Soaps--beauty and cosmetic	6224	Staging floor
0541	Soaps--lead	646*	Staging, scaffolds
789	Soccer equipment	625*	Stairs, steps
7123	Socket slicks	6250	Stairs, steps, unspecified
0223	Soda ash	6251	Stairs, steps--indoors
024	Soda--caustic	6252	Stairs, steps--outdoors
024	Sodium and potassium hydroxide, potassium carbonate	7989	Stamps--hand (art supplies)
0222	Sodium bicarbonate, baking soda	7989	Stamps--rubber (art supplies)
0223	Sodium carbonate, soda ash	764	Stands, tripods--camera
066	Sodium fluoroacetate	7959	Stands--musical instrument
024	Sodium hydroxide	7195	Staple guns (nonpowered handtools)
0375	Sodium peroxide	7295	Staple guns (powered handtools)--electric, pneumatic, gunpowder activated, etc.
022*	Sodium, calcium carbonates	7199	Staple removers (nonpowered handtools)
235	Sofas, sofa beds	7195	Staplers (nonpowered handtools)
3324	Solar heaters	7391	Staplers (power not determined)
7262	Soldering coppers	4217	Staples (fasteners)
7262	Soldering guns (powered handtools)	7295	Stapling tools--electric or pneumatic
7262	Soldering irons (powered handtools)	7195	Stapling tools--nonpowered
057	Soldering or welding fumes, unspecified or n.e.c.	3734	Stapling, sealing machinery
7262	Soldering tools (powered handtools)	4416	Starters, controls, relays, rheostats (machine, tool, and electric parts)
099	Solutions--metal plating, unspecified	3521	Stationary drills (metal, woodworking, special material)
0793	Solutions--photographic and copying	357*	Stationary sawing machinery (metal, woodworking, special material)
0771	Solvent--stoddard	7169	Staves (nonpowered striking handtools)
077*	Solvents, degreasers, n.e.c.	7124	Steak knives
0770	Solvents, degreasers, unspecified	3213	Steam and power shovels
0778	Solvents, degreasers--multiple	3254	Steam rollers, road pavers
0771	Solvents--naphtha	96*	Steam, vapors, liquids, n.e.c.
3242	Sorters, separators, concentrators--mineral (mining and drilling)	961	Steam, vapors--nonchemical
9*	Sources--other	3327	Steaming equipment and appliances
98	Sources--other, n.e.c.	0149	Stearic acid
3324	Space heaters	133	Steel wool reels
7133	Spades (nonpowered handtools)	7989	Stencils (art supplies)
7182	Spanners (nonpowered turning handtools)	7422	Step ladders, step stools
792	Spatulas (cooking and eating utensils)	625*	Steps, stairs
7124	Spears	6251	Steps, stairs--indoors
37*	Special process machinery	6252	Steps, stairs--outdoors
3799	Special process machinery, n.e.c.	3911	Stereos, radios, and other audio equipment
370	Special process machinery, unspecified	7199	Sticks--paint
759	Speculums (medical and surgical instruments)	7173	Sticks--sanding
514	Spiders, ticks, scorpions	7156	Sticks--size, yardsticks
4216	Spikes (fasteners)	7422	Stiles
3765	Spinning machinery	7124	Stiletos
7154	Spirit levels (nonpowered measuring handtools)	121	Stills--pressure
0312	Spirit of wine	3764	Stitching, sewing machinery
0312	Spirit--cologne		
0312	Spirit--methylated		
0771	Spirits--mineral		
0315	Spirits--wood		

*Titles -not used for case coding

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0771	Stoddard solvent	0978	Sulfur and sulfur compounds--multiple
7174	Stone (nonpowered handtools)--corundum, pumice, slip, honing, multi, water, whetstone, oilstone, etc.	0973	Sulfur dioxide
4142	Stone or ceramic tiles--drain, roof, multipurpose	0134	Sulfuric acid
555	Stone--crushed, rocks	0139	Sulfurous acid
411*	Stone--structural, blocks, bricks	586	Sumac--poison
233	Stools--bar	3797	Sump pumps
7422	Stools--step	9392	Sun
0793	Stop baths--photographic	9221	Sunglasses, eye glasses
3438	Storage and retrieval hoist systems	3741	Supercalenders/calenders--paper production
3326	Stoves--kitchen, cooking	061	Superphosphates
3326	Stoves--portable, camping	794	Supporters (health care and orthopedic equipment)
3324	Stoves--potbellied, franklin	0653	Supracide
8524	Straddle carrier (powered industrial carrier)	3541	Surface grinders (metal, woodworking, special material)
8518	Straddle rider lift truck (forklift)	6*	Surfaces and structures
7156	Straight edges (nonpowered measuring handtools)	627*	Surfaces below ground level, n.e.c.
7423	Straight ladders	6270	Surfaces below ground level, unspecified
4225	Strapping (banding, ties)	717*	Surfacing handtools--nonpowered
7179	Straps--sharpening	7179	Surfacing handtools--nonpowered, n.e.c.
3996	Street sweeping and cleaning machinery	7170	Surfacing handtools--nonpowered, unspecified
626	Street, road (surfaces)	734*	Surfacing handtools--power not determined
872	Streetcar, trolley	7349	Surfacing handtools--power not determined, n.e.c.
794	Stretchers (health care and orthopedic equipment)	7340	Surfacing handtools--power not determined, unspecified
716*	Striking and nailing handtools--nonpowered	724*	Surfacing handtools--powered
733*	Striking and nailing handtools--power not determined	7249	Surfacing handtools--powered, n.e.c.
7339	Striking and nailing handtools--power not determined, n.e.c.	7240	Surfacing handtools--powered, unspecified
7330	Striking and nailing handtools--power not determined, unspecified	0793	Surfactants
723*	Striking and nailing handtools--powered	786	Surfboards (water sports equipment)
7169	Striking handtools--nonpowered, n.e.c.	75*	Surgical and medical instruments
7160	Striking handtools--nonpowered, unspecified	752	Surgical knives
7239	Striking handtools--powered, n.e.c.	372*	Surgical, x-ray, and medical machinery and equipment
7230	Striking handtools--powered, unspecified	751	Sutures (medical and surgical instruments)
4224	String, rope, twine	3996	Sweeping and cleaning machinery--street
0739	Stripper--floor, cleaning agent	645	Swimming pools
7179	Strops--bench (nonpowered surfacing handtools)	9219	Swimsuits
639	Structural elements, n.e.c.	5157	Swine
63*	Structural elements--other	783	Swing sets (playground equipment)--swings
4197	Structural hardware, n.e.c.	7124	Switchblades
413*	Structural metal materials	4417	Switches, fuses, switchboards (machine, tool, and electric parts)
4139	Structural metal materials, n.e.c.	7124	Swords
4130	Structural metal materials, unspecified	7959	Synthesizers (musical instruments)
4113	Structural stones or slabs, n.e.c.	0737	Synthetic detergents and shampoos
64*	Structures	751	Syringes and needles (medical and surgical instruments)--hypodermic
6*	Structures and Surfaces	611	System--climate control
69	Structures and surfaces, n.e.c.	612	System--plumbing
60	Structures and surfaces, unspecified	61*	Systems--building
6489	Structures, n.e.c.	0653	Systox
640	Structures, unspecified		T
066	Strychnine		
873	Subway (rail vehicle)	7157	T squares (nonpowered measuring handtools)
6444	Subway and train tunnels	7124	Table knives
3219	Suction dredges	3573	Table saws (metal, woodworking, special material)
62*	Surfaces--ground, floors, walkways	236	Tables, worktables
5292	Sugar, cocoa, chocolate	789	Tables--billiards, ping pong
153	Suitcases, suit bags	236	Tables--folding, coffee, dining, operating
9215	Suits, coats, jackets	4212	Tacks, nails, brads
9219	Suits--bathing, diving	7169	Tampers (nonpowered striking handtools)
0914	Sulfate--ammonium	3293	Tamping machinery, pile drivers (construction, logging, and mining)
066	Sulfate--thallium	118	Tanks, bins, vats
0972	Sulfide--hydrogen	129	Tanks--air receiver
0139	Sulfoxylic acid		
097*	Sulfur and sulfur compounds		
0979	Sulfur and sulfur compounds, n.e.c.		
0970	Sulfur and sulfur compounds, unspecified		

*Titles -not used for case coding

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118	Tanks--coopered, farm storage, oil storage, water, etc.	4144	Tiles--vinyl floor
123	Tanks--oxygen	791	Time clocks
769	Tanks--photographic	116	Tin cans
129	Tanks--pressure gas	7262	Tips, tiplets--soldering (powered handtools)
125	Tanks--propane	4812	Tire inner tubes
7156	Tape measures, tape lines (nonpowered measuring handtools)	4814	Tire rims, wheels
358	Tapping and threading machines (metal, woodworking, special material)	4813	Tires, except bike
461	Tar--roofing, asphalt	481*	Tires, inner tubes, wheels
479	Tarps and sheeting, nonmetal, n.e.c.	4819	Tires, inner tubes, wheels, n.e.c.
470	Tarps and sheeting, nonmetal, unspecified	4810	Tires, inner tubes, wheels, unspecified
47*	Tarps and sheeting--nonmetal	4811	Tires--bike
472	Tarps; plastic, or fabric sheeting	3326	Toasters, food warmers, ranges, cooking ovens, grills
46*	Tars, sealants, caulking, insulating material	799	Tobacco pipes
469	Tars, sealants, caulking, insulation, n.e.c.	2423	Toilets
460	Tars, sealants, caulking, insulation, unspecified	0343	Toluene
0951	TDI (Toluene-di-isocyanates)	0951	Toluene-di-isocyanates (TDI)
0792	Tear gas, mace	0343	Toluol
0139	Technetic acid	7121	Tomahawks
3912	Telephones and communication equipment	0793	Toners--photographic and copying
3913	Televisions	7141	Tongs, pliers (nonpowered handtools)
936*	Temperature extremes--environmental	212	Tool chests
9360	Temperature extremes--environmental, unspecified	443*	Tool parts, accessories
789	Tennis equipment	4439	Tool parts, accessories, n.e.c.
781	Tents and accessories (recreation and athletic equipment)	4430	Tool parts, accessories, unspecified
0653	TEPP	44*	Tool, electric, and machine parts
393	Testing (product), inspecting, and diagnostic machinery, n.e.c.	7*	Tools, Instruments, and Equipment
0421	Tetrachloride--carbon	799	Tools, instruments, and equipment, n.e.c.
0542	Tetraethyl lead	70	Tools, instruments, and equipment, unspecified
0542	Tetramethyl lead	79*	Tools, instruments, and equipment--other
0943	Tetroxide--dinitrogen	3594	Torches (metal, woodworking, special material)--oxyacetylene, plasma arch
3761	Textile dyeing machinery	7261	Torches (powered handtools)--blow, welding, propane
923*	Textile products	9377	Tornado, hurricane, typhoon
9239	Textile products, n.e.c.	912	Torpedoes
9230	Textile products, unspecified	111	Totes, bags, sacks
376*	Textile, apparel, leather production machinery	3437	Tower, pillar, portal cranes
3769	Textile, apparel, leather production machinery, n.e.c.	647	Towers, poles
3760	Textile, apparel, leather production machinery, unspecified	0652	Toxaphene
92*	Textiles and apparel	212	Toy chests
066	Thallium sulfate	3123	Tractor mowers
3722	Therapeutic x-ray	8254	Tractor trailer, trailer truck, semitrailer
781	Thermoses (recreation and athletic equipment)	853	Tractors (industrial, agricultural)
0653	Thimet	85*	Tractors, vehicles (powered)--plant and industrial
0772	Thinners--paint	8254	Trailer--semi, tractor
0643	Thiocarbamate and carbamate herbicides	483	Trailers (vehicle and mobile equipment parts)
0652	Thiodan	874	Train (rail vehicle)
0149	Thioglycolic acid	6444	Train and subway tunnels
0651	Thiram	7152	Trammel heads (nonpowered measuring handtools)
9232	Thread, yarn	7424	Trams--aerial ladder, truck-mounted ladders
358	Threading and tapping machines (metal, woodworking, special material)	4415	Transformers, convertors, power lines
3114	Threshers (agricultural)	4827	Transmission (vehicle engine parts and accessories)
311*	Threshing and harvesting machinery	7959	Traps--drum accessories (musical instrument)
514	Ticks, scorpions, spiders	118	Trash bins
42*	Ties, fasteners, connectors, ropes	116	Trash cans
422*	Ties, ropes	3997	Trash compactors
9211	Ties--neck, scarves, gloves, belts	953	Trash, garbage
414*	Tiles, shingles	117	Trays, pots, pans
4149	Tiles, shingles, n.e.c.	782	Treadmills (gymnasium and exercise equipment)
4140	Tiles, shingles, unspecified	3119	Tree shakers (agricultural)
4141	Tiles--ceiling	587	Trees, logs
4142	Tiles--ceramic or stone	58*	Trees, vegetation, plants--not processed
		6271	Trenches, excavations, ditches, channels
		3214	Trenching machines, trenchers
		759	Trepines (medical and surgical instruments)

*Titles -not used for case coding

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7156	Triangles (nonpowered measuring handtools)		
0646	Triazines		
0432	Trichloromonofluoromethane		
0427	Trichloroethylene		
0432	Trichlorofluoromethane		
0641	Trichlorophenoxy acid--2-(2,4,5-) propionic		
0641	Trichlorophenoxyacetic acid (2,4,5-T)		
0149	Trichloroacetic acid		
4153	Trim pieces, wood pieces, n.e.c.		
7126	Trimmers (nonpowered handtools)--hedge		
7229	Trimmers (powered handtools)		
0146	Trinitrate--phenol		
0146	Trinitrophenol		
0943	Trioxide--nitrogen		
0139	Triphosphoric acid		
764	Tripods, stands--camera		
872	Trolley, streetcar		
7959	Trombones		
118	Troughs		
9212	Trousers, skirts, blouses, shirts, dresses		
7134	Trowels (nonpowered handtools)--cement, garden, etc.		
825*	Truck (motorized highway vehicle)		
7424	Truck mounted ladders, aerial ladder trams		
8259	Truck, n.e.c.		
8250	Truck, unspecified		
8251	Truck--delivery		
8252	Truck--dump		
8259	Truck--fire		
8253	Truck--pickup		
8254	Truck--trailer, semitrailer, tractor trailer		
7959	Trumpets		
794	Trusses (health care and orthopedic equipment)		
635	Trusses--roof		
7157	Try squares		
114	Tubes (containers)--cardboard, mailing		
786	Tubes--inner (recreational)		
4812	Tubes--inner, tire		
481*	Tubes--inner, tires, wheels		
4125	Tubing and pipe--plastic or rubber		
4123	Tubing, metal pipe		
412*	Tubing, pipes, ducts		
2421	Tubs--bath		
118	Tubs--excluding bathtubs		
887	Tugboat, commercial fishing boat		
3243	Tunneling machines (mining and drilling)		
644*	Tunnels, mines, caves		
6441	Tunnels--mine, mines		
6442	Tunnels--pedestrian		
6444	Tunnels--train, subway		
112	Tuns		
4424	Turbines, engines, except vehicle (machine and appliance parts)		
5125	Turkey		
718*	Turning handtools (nonpowered)		
735*	Turning handtools (power not determined)		
725*	Turning handtools (powered)		
7189	Turning handtools--nonpowered, n.e.c.		
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		
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		
		V	
3336	Vacuum cleaners		
0149	Valeric acid		
066	Valone		
423	Valves, nozzles		
826	Van--passenger or light delivery		
0643	Vapam (carbamate and thiocarbamate herbicides)		
0651	Vapam (carbamate insecticides)		
0653	Vapona (DDVP)		
0941	Vapor--kiln		
3313	Vaporizers, humidifiers, dehumidifiers		
96*	Vapors, liquids, steam, n.e.c.		
961	Vapors, steam--nonchemical		
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		
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		

*Titles -not used for case coding

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3611	Video display terminals (VDTs) and cathode ray tubes (CRTs)	7129	Wedges (nonpowered handtools)
3914	Video players and recorders--tape and disk	0640	Weed killer
0141	Vinegar	782	Weight-lifting equipment (gymnasium and exercise equipment)
0319	Vinyl carbinol	726*	Welding and heating handtools--powered
0954	Vinyl chloride monomer	7269	Welding and heating handtools--powered, n.e.c.
0954	Vinyl chloride, polyvinyl chloride	7260	Welding and heating handtools--powered, unspecified
0355	Vinyl ether	3594	Welding machinery (metal, woodworking, special material)--spot welding
4144	Vinyl floor tiles	057	Welding or soldering fumes, unspecified or n.e.c.
4196	Vinyl, aluminum siding (building materials--solid elements)	7263	Welding torches (powered handtools)
7959	Violins, violas	6483	Wells
533	Viruses	0132	WFNA (white fuming nitric acid)
7141	Vise-grips (nonpowered handtools)	6291	Wharfs, piers
7142	Vises (nonpowered handtools)--bench dogs, bench screws, front, miter	3413	Wheel conveyors
7142	Vises, clamps	7149	Wheel pullers (nonpowered handtools)
3999	Voting machines	862	Wheelbarrow
	W	797	Wheelchairs
		4814	Wheels, tire rims
		481*	Wheels, tires, inner tubes
		7174	Whetstone (nonpowered surfacing handtools)
		3714	Whippers, mixers, blenders--food and beverage
3326	Waffle irons	0132	White fuming nitric acid (WFNA)
62*	Walkways, ground surfaces, floors	024	White potash
6293	Walkways--moving	7124	Whittling knives
624	Walkways--outdoor, sidewalks, paths	115	Wicker baskets
222	Wall coverings	7111	Wimbles
215	Wall lockers	4423	Winches (machine and appliance parts)
222	Wall panels--acoustic	7959	Wind chimes
22*	Wall, window, floor coverings	3745	Winders, slitters--paper production
4198	Wallboard, drywall (building materials--solid elements)	3491	Winders, unwinders
152	Wallets, handbags, pocketbooks	223	Window coverings, blinds, shades, or draperies
222	Wallpaper (except rolls)	4193	Window panes, glass (building materials--solid elements)
637	Walls	223	Window shades
066	Warfarin	22*	Window, floor, wall coverings
3746	Washers, bleachers, refiners--paper production	638	Windows
333*	Washers, dryers, and cleaning machinery and appliances	484	Windows--vehicle, windshields
3339	Washers, dryers, and cleaning machinery and appliances, n.e.c.	9327	Winds--high winds, gusts
3330	Washers, dryers, and cleaning machinery and appliances, unspecified	484	Windshields, vehicle windows
4213	Washers, nuts, bolts	0312	Wine--spirit of
3333	Washers--clothes	115	Wire baskets
3334	Washers--dish	7122	Wire cutters
517	Waste products--animal, including manure	3532	Wire extruders (metal, woodworking, special material)
95*	Waste, debris, scrap	133	Wire reels
9223	Watches	4226	Wire--nonelectrical
922*	Watches, jewelry, and eye glasses	4411	Wiring--electrical
9621	Water	117	Woks
231	Water beds	0315	Wood alcohol, spirits
113	Water bottles	9514	Wood chips, sawdust
122	Water hoses	4153	Wood pieces, trim pieces, n.e.c.
3797	Water pumps, sump pumps	323*	Wood processing and logging machinery--specialized
786	Water sports equipment	415*	Wood, lumber
7174	Water stones (nonpowered surfacing handtools)	4159	Wood, lumber, n.e.c.
118	Water tanks	4150	Wood, lumber, unspecified
88*	Water vehicle	7262	Woodburning sets (powered handtools)
889	Water vehicle, n.e.c.	7124	Woodcarving knives
880	Water vehicle, unspecified	7124	Woodturning tools (nonpowered handtools used with lathes)
3241	Water-jet drills (mining and drilling)	3552	Woodworking lathes
116	Watering cans	35*	Woodworking, metal, and special material machinery
466	Waterproofers, sealants, n.e.c.	5113	Wool, fur
7241	Waxers, buffers, polishers--powered	3626	Word processing equipment and typewriters
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

7429	Work stands--combination, ladder assemblies	0641	4-chloro-2-methylphenoxyacetic acid
234	Work stations	0341	4-Dimethylaminoazobenzene
232	Workbenches	0391	4-Nitrobiphenyl
561	Worker (injured or ill)--bodily conditions		
562	Worker (injured or ill)--bodily motion or position		
56*	Worker--injured or ill		
236	Worktables		
3732	Wrapping, bundling, packaging machinery		
373*	Wrapping, packaging, bottling machinery		
7192	Wrecking bars (nonpowered handtools)		
7182	Wrenches (nonpowered turning handtools)--open-end, adjustable, pipe, allen, socket, box, spark-plug, tuning, etc.		
7352	Wrenches (power not determined)		
7252	Wrenches (powered handtools)--air, impact		
798*	Writing, drawing, and art supplies		
7989	Writing, drawing, and art supplies, n.e.c.		
7980	Writing, drawing, and art supplies, unspecified		
X			
7124	X-acto knives		
769	X-ray film		
3722	X-ray, magnetic resonance imaging (MRI's), and fluoroscope machinery and equipment		
372*	X-ray, medical, and surgical machinery and equipment		
0344	Xylene		
0344	Xylol		
7959	Xylophones		
Y			
884	Yacht, motorboat		
3235	Yarder/forwarder, skidder (logging and wood processing)		
7156	Yardsticks		
9232	Yarn, thread		
Z			
0651	Zectran		
0929	Zenon--liquified		
0568	Zinc and zinc compounds		
066	Zinc phosphide		
063	Zineb		
063	Ziram		
7959	Zithers		
NUMERIC CHEMICALS			
0353	1,2-Epoxyethane		
0313	1,2-Ethanediol		
0641	2,3,6-TBA		
0641	2,4,5-T		
0641	2,4,5-Trichlorophenoxyacetic acid (2,4,5-T)		
0641	2,4-D		
0641	2,4-DEP		
0341	2-Acetylaminofluorene		
0341	2-Chloroaniline		
0646	2-chloro-4, 6-bis(ethylamino)-S-triazine		
0329	2-Furaldehyde		
0364	2-hexanone		
0391	2-Nitropropane		
0361	2-Propanone		
0641	2-(2,4,5-Trichlorophenoxy) propionic acid		
0341	3,3'-Dichlorobenzidine		

*Titles -not used for case coding

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*Titles -not used for case coding

SECTION 4.4
Event or Exposure Index

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EVENT or EXPOSURE CODE INDEX

A	
46*	Aircraft accident
469	Aircraft accident, n.e.c.
460	Aircraft accident, unspecified
6*	ASSAULTS AND VIOLENT ACTS
61*	Assaults and violent acts by person(s)
619	Assaults and violent acts by person(s), n.e.c.
610	Assaults and violent acts by person(s), unspecified
60	Assaults and violent acts, unspecified
63*	Assaults by animals
639	Assaults by animals, n.e.c.
630	Assaults by animals, unspecified
B	
3432	Bee, wasp, hornet sting
211	Bending, climbing, crawling, reaching, twisting
611	Biting
25	Bodily conditions, n.e.c.
21*	Bodily reaction
2*	BODILY REACTION AND EXERTION
29	Bodily reaction and exertion, n.e.c.
20	Bodily reaction and exertion, unspecified
219	Bodily reaction, n.e.c.
210	Bodily reaction, unspecified
C	
03*	Caught in or compressed by equipment or objects
039	Caught in or compressed by equipment or objects, n.e.c.
030	Caught in or compressed by equipment or objects, unspecified
04*	Caught in or crushed in collapsing materials
049	Caught in or crushed in collapsing materials, n.e.c.
040	Caught in or crushed in collapsing materials, unspecified
044	Caught in or crushed in collapsing structure
031	Caught in running equipment or machinery
382	Choking on object or substance
451	Collision (Water vehicle accident)
443	Collision between railway vehicle and other object
442	Collision between railway vehicle and other vehicle
441	Collision between railway vehicles
421	Collision between vehicles or mobile equipment (Nonhighway Accident, expt rail, air, water)
411*	Collision between vehicles, mobile equipment (Highway Accident)
4119	Collision between vehicles, mobile equipment, n.e.c. (Highway Accident)
4110	Collision between vehicles, mobile equipment, unspecified (Highway Accident)
032	Compressed or pinched by rolling, sliding, or shifting objects
324	Contact with cold objects or substances
31*	Contact with electric current
311	Contact with electric current of machine, tool, appliance, or light fixture
319	Contact with electric current, n.e.c.
310	Contact with electric current, unspecified
323	Contact with hot objects or substances
0*	CONTACT WITH OBJECTS AND EQUIPMENT
09	Contact with objects and equipment, n.e.c.
00	Contact with objects and equipment, unspecified
313	Contact with overhead power lines
342	Contact with skin or other exposed tissue
32*	Contact with temperature extremes
320	Contact with temperature extremes, unspecified
314	Contact with underground, buried power lines
312	Contact with wiring, transformers, or other electrical components
D	
383	Depletion of oxygen from cave-in or collapsed materials
384	Depletion of oxygen in other enclosed, restricted, or confined space
445	Derailment
381	Drowning, submersion
461	During takeoff or landing (Aircraft accident)
E	
041	Excavation or trenching cave-in
52*	Explosion
521	Explosion of battery
522	Explosion of pressure vessel or piping
446	Explosion, fire, n.e.c. (Railway accident)
452	Explosion, fire, n.e.c. (Water vehicle accident)
529	Explosion, n.e.c.
520	Explosion, unspecified
339	Exposure to air pressure change, n.e.c.
330	Exposure to air pressure change, unspecified
33*	Exposure to air pressure changes
34*	Exposure to caustic, noxious, or allergenic substances
349	Exposure to caustic, noxious, or allergenic substances, n.e.c.
340	Exposure to caustic, noxious, or allergenic substances, unspecified
322	Exposure to environmental cold
321	Exposure to environmental heat
3*	EXPOSURE TO HARMFUL SUBSTANCES OR ENVIRONMENTS
39	Exposure to harmful substances or environments, n.e.c.
30	Exposure to harmful substances or environments, unspecified
35*	Exposure to noise
352	Exposure to noise in single incident
351	Exposure to noise over time
350	Exposure to noise, unspecified
36*	Exposure to radiation
369	Exposure to radiation, n.e.c.
360	Exposure to radiation, unspecified
363	Exposure to radioactive material
361	Exposure to sun
37	Exposure to traumatic or stressful event, n.e.c.
362	Exposure to welding light
F	
111	Fall down stairs or steps
117	Fall from building girders or other structural steel

EVENT or EXPOSURE CODE INDEX

112*	Fall from floor, dock, or ground level	3410	Inhalation of substance, unspecified
1129	Fall from floor, dock, or ground level, n.e.c.	343*	Injections, stings, venomous bites
1120	Fall from floor, dock, or ground level, unspecified	3439	Injections, stings, venomous bites, n.e.c.
1124	Fall from ground level to lower level	3430	Injections, stings, venomous bites, unspecified
113	Fall from ladder		J
1123	Fall from loading dock	4141	Jack-knifed or overturned--no collision (Highway Accident)
4231	Fall from moving vehicle, mobile equipment (Nonhighway Accident, expt rail, air, water)	123	Jump from nonmoving vehicle
118	Fall from nonmoving vehicle	121	Jump from scaffold, platform, loading dock
114	Fall from piled or stacked material	122	Jump from structure, structural element, n.e.c.
115*	Fall from roof	12*	Jump to lower level
1154	Fall from roof edge	129	Jump to lower level, n.e.c.
1159	Fall from roof, n.e.c.	120	Jump to lower level, unspecified
1150	Fall from roof, unspecified		L
116	Fall from scaffold, staging	043	Landslide
453	Fall from ship, boat, n.e.c.	4234	Loss of control (Nonhighway Accident, expt rail, air, water)
447	Fall in, on, or from railway vehicle in motion, n.e.c.		M
13*	Fall on same level	4115	Moving and standing vehicle, mobile equipment--in roadway (Highway Accident)
139	Fall on same level, n.e.c.	4116	Moving and standing vehicle, mobile equipment--side of road (Highway Accident)
130	Fall on same level, unspecified	4114	Moving in intersection (Highway Accident)
454	Fall on ship, boat	4113	Moving in opposite directions, oncoming (Highway Accident)
132	Fall onto or against objects (Fall on same level)	4112	Moving in same direction (Highway Accident)
1121	Fall through existing floor opening		N
1151	Fall through existing roof opening	3431	Needle sticks
1122	Fall through floor surface	9999	Nonclassifiable
1152	Fall through roof surface	414*	Noncollision accident (Highway Accident)
1153	Fall through skylight	423*	Noncollision accident (Nonhighway Accident, expt rail, air, water)
131	Fall to floor, walkway, or other surface (Fall on same level)	4149	Noncollision accident, n.e.c. (Highway Accident)
11*	Fall to lower level	4239	Noncollision accident, n.e.c. (Nonhighway Accident, expt rail, air, water)
119	Fall to lower level, n.e.c.	4140	Noncollision accident, unspecified (Highway Accident)
110	Fall to lower level, unspecified	4230	Noncollision accident, unspecified (Nonhighway Accident, expt rail, air, water)
19	Fall, n.e.c.	42*	Nonhighway accident, except rail, air, water
10	Fall, unspecified	429	Nonhighway accident, n.e.c. (Nonhighway Accident, expt rail, air, water)
1*	FALLS	420	Nonhighway accident, unspecified (Nonhighway Accident, expt rail, air, water)
444	Fell from and struck by railway vehicle	631	Nonvenomous bites (Assaults by animals)
4232	Fell from and struck by vehicle, mobile equipment (Nonhighway Accident, expt rail, air, water)		O
511	Fire in residence, building, or other structure (unintended or uncontrolled)	042	Other cave-in
50	Fire or explosion, unspecified (unintended or uncontrolled)	9	OTHER EVENTS OR EXPOSURES
519	Fire, n.e.c. (unintended or uncontrolled)	389	Other oxygen d, n.e.c.
510	Fire, unspecified (unintended or uncontrolled)	3433	Other stings or venomous bites
51*	Fire--unintended or uncontrolled	22*	Overexertion
5*	FIRES AND EXPLOSIONS	223	Overexertion in holding, carrying, turning, or welding objects
512	Forest, brush, or other outdoor fire (unintended or uncontrolled)	221	Overexertion in lifting
	H	222	Overexertion in pulling or pushing objects
41*	Highway accident	224	Overexertion in throwing objects
419	Highway accident, n.e.c.		
410	Highway accident, unspecified		
612	Hitting, kicking, beating		
	I		
513	Ignition of clothing from controlled heat source		
344	Ingestion of substance		
3411	Inhalation in enclosed, restricted, or confined space		
3412	Inhalation in open or nonconfined space		
341*	Inhalation of substance		

EVENT or EXPOSURE CODE INDEX

229	Overexertion, n.e.c.	615	Stabbing
220	Overexertion, unspecified	216	Standing
4233	Overturned (Nonhighway Accident, expt rail, air, water)	011	Stepped on object
38*	Oxygen deficiency, n.e.c.	013	Struck against moving object
P		01*	Struck against object
433	Pedestrian struck by vehicle, mobile equipment in parking lot or non-roadway area	019	Struck against object, n.e.c.
431	Pedestrian struck by vehicle, mobile equipment in roadway	010	Struck against object, unspecified
432	Pedestrian struck by vehicle, mobile equipment on side of road	012	Struck against stationary object
430	Pedestrian struck by vehicle, mobile equipment, unspecified	0222	Struck by discharged object or substance
43*	Pedestrian, nonpassenger struck by vehicle, mobile equipment	0221	Struck by dislodged flying object, particle
332	Pressure changes in airplane, other aircraft	021	Struck by falling object
331	Pressure changes underwater	022*	Struck by flying object
R		0229	Struck by flying object, n.e.c.
44*	Railway accident	0220	Struck by flying object, unspecified
449	Railway accident, n.e.c.	315	Struck by lightning
440	Railway accident, unspecified	02*	Struck by object
4142	Ran off highway--no collision (Highway Accident)	029	Struck by object, n.e.c.
616	Rape	020	Struck by object, unspecified
4111	Re-entrant collision (Highway Accident)	0231	Struck by or slammed in swinging door or gate
23*	Repetitive motion	024	Struck by rolling, sliding objects on floor or ground level
239	Repetitive motion, n.e.c.	4143	Struck by shifting load (Highway Accident)
230	Repetitive motion, unspecified	4235	Struck by shifting load (Nonhighway Accident, expt rail, air, water)
233	Repetitive placing, grasping, or moving objects, except tools	0232	Struck by slipping handheld object
232	Repetitive use of tools	023*	Struck by swinging or slipping object
053	Rubbed or abraded by foreign matter in eye	0239	Struck by swinging or slipping object, n.e.c.
05*	Rubbed or abraded by friction or pressure	0230	Struck by swinging or slipping object, unspecified
059	Rubbed or abraded by friction or pressure, n.e.c.	212	Sudden reaction when surprised, frightened, startled
050	Rubbed or abraded by friction or pressure, unspecified	4144	Sudden start or stop, n.e.c. (Highway Accident)
051	Rubbed or abraded by kneeling on surface	4236	Sudden start or stop, n.e.c. (Nonhighway Accident, expt rail, air, water)
052	Rubbed or abraded by objects being handled	621	Suicide, attempted suicide
062	Rubbed, abraded, or jarred by other machine or equipment vibration	24	Sustained viewing
061	Rubbed, abraded, or jarred by vehicle or mobile equipment vibration	T	
06*	Rubbed, abraded, or jarred by vibration	617	Threats or verbal assaults
069	Rubbed, abraded, or jarred by vibration, n.e.c.	49	Transportation accident, n.e.c.
060	Rubbed, abraded, or jarred by vibration, unspecified	40	Transportation accident, unspecified
213	Running--without other incident	4*	TRANSPORTATION ACCIDENTS
S		231	Typing or keyentry (Repetitive motion)
62*	Self-inflicted injury	V	
622	Self-inflicted injury or fatality--intent unknown	412	Vehicle struck stationary object or equipment in roadway (Highway Accident)
620	Self-inflicted injury, unspecified	413	Vehicle struck stationary object, equipment on side of road (Highway Accident)
613	Shooting	422	Vehicle, mobile equipment struck stationary object (Nonhighway Accident, expt rail, air, water)
455	Sinking, capsized water vehicle	W	
214	Sitting	217	Walking--without other incident
215	Slip, trip, loss of balance--without fall	45*	Water vehicle accident
614	Squeezing, pinching, scratching, twisting	459	Water vehicle accident, n.e.c.
		450	Water vehicle accident, unspecified

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