National Electronic Injury Surveillance System All Injury Program, 2007


*United States Consumer Product Safety Commission*

Codebook
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## Table of Contents

Study Description ................................................................................ 4  
Citation ..................................................................................... 4  
Study Scope ............................................................................. 5  
  Subject Identification ...................................................... 5  
  Keyword(s) ........................................................................ 5  
  Topic Classification(s) ..................................................... 5  
Abstract ............................................................................... 5  
Summary Data Description ............................................ 6  
  Time Period..................................................................... 6  
  Date(s) of Collection....................................................... 6  
  Country .......................................................................... 6  
  Unit of Analysis .......................................................... 6  
  Universe ......................................................................... 6  
  Kind of Data ...................................................................... 6  
Methodology and Processing ................................................... 6  
  Data Collection Methodology ........................................ 6  
    Time Method .......................................................... 6  
    Data Collector ........................................................ 6  
    Frequency of Data Collection ...................................... 6  
    Sampling Procedure .................................................. 6  
    Control Operations .................................................... 7  
    Weight ......................................................................... 7  
  Data Appraisal Information .......................................... 13  
Data Access ........................................................................... 13  
  Dataset Availability ..................................................... 13  
    Location .................................................................... 13  
    Extent of Collection .................................................. 13  
Other Study Description Materials ........................................ 14  
  Related Publications .................................................... 14  
File Description ........................................................................ 19  
Variable Description ........................................................... 20  
  Variable Group ............................................................ 21  
  Codebook ....................................................................... 23  
Other Related Materials ......................................................... 51  
  Contact Information ........................................................ 51  
  2007 Summary Tables ..................................................... 52  
  Sampling Design .......................................................... 61  
  Coding Manual .............................................................. 93  
Training Module ..................................................................... 285
Study Description

Citation

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Series Name: National Electronic Injury Surveillance System (NEISS)
Series Information: In 1992, the National Center for Injury Prevention and Control (NCIPC), a unit of the Centers for Disease Control and Prevention (CDC), established an interagency agreement with the U.S. Consumer Product Safety Commission (CPSC) to begin collecting data on nonfatal firearm-related injuries by using the National Electronic Injury Surveillance System (NEISS), the primary data system of CPSC. This ongoing special study is commonly called the "CDC Firearm Injury Surveillance Study". These data provide the basis for national estimates of nonfatal firearm-related injuries and nonfatal BB/pellet gun-related injuries treated in hospital emergency departments in the United States. Beginning in July 2000, NCIPC, in collaboration with CPSC, expanded NEISS to collect data on all types and causes of injuries treated in a representative sample of hospitals. This system is called the "NEISS All Injury Program (NEISS AIP)". These data provide the basis for national estimates of all types of nonfatal injuries treated in hospital emergency departments in the United States.

Bibliographic Citation


Study Scope

Subject Information

Keyword(s): accidents, medical care, nonfatal injuries, poisoning, product safety, public health, public safety
BACKGROUND AND DATA COLLECTION DESCRIPTION

Beginning in July 2000, the National Center for Injury Prevention and Control (NCIPC), Centers for Disease Control and Prevention (CDC) in collaboration with the U.S. Consumer Product Safety Commission (CPSC) expanded the National Electronic Injury Surveillance System (NEISS) to collect data on all types and causes of injuries treated in a representative sample of U.S. hospitals with emergency departments (ED). This system is called the NEISS All Injury Program (NEISS AIP).

The NEISS AIP is designed to provide national incidence estimates of all types and external causes of nonfatal injuries and poisonings treated in U.S. hospital EDs. Data on injury-related visits are being obtained from a national sample of 66 out of 100 NEISS hospitals, which were selected as a stratified probability sample of hospitals in the United States and its territories with a minimum of six beds and a 24-hour ED. The sample includes separate strata for very large, large, medium, and small hospitals, defined by the number of annual ED visits per hospital, and children's hospitals. The scope of reporting goes beyond routine reporting of injuries associated with consumer-related products in CPSC's jurisdiction to include all injuries and poisonings. The data can be used to (1) measure the magnitude and distribution of nonfatal injuries in the United States; (2) monitor unintentional and violence-related nonfatal injuries over time; (3) identify emerging injury problems; (4) identify specific cases for follow-up investigations of particular injury-related problems; and (5) set national priorities. A fundamental principle of this expansion effort is that preliminary surveillance data will be made available in a timely manner to a number of different federal agencies with unique and overlapping public health responsibilities and concerns. Also, annually, the final edited data will be released as public use data files for use by other public health professionals and researchers. These public use data files provide NEISS AIP data on nonfatal injuries collected from July through December 2000 (ICPSR 3582), from January through December 2001 (ICPSR 3817), January through December 2002 (ICPSR 4085), January through December 2003 (ICPSR 4352), January through December 2004 (ICPSR 4598), January through December 2005 (ICPSR 21280), January through December 2006 (ICPSR 24421), and January through December 2007 (ICPSR 26941).

NEISS AIP is providing data on approximately 500,000 cases annually. Data obtained on each case include age, race/ethnicity, gender, principal diagnosis, primary body part affected, consumer products involved, disposition at ED discharge (i.e., hospitalized, transferred, treated and released, observation, died), locale where the injury occurred, work-relatedness, and a narrative description of the injury circumstances. Also, major categories of external cause of injury (e.g., motor vehicle, falls, cut/pierce, poisoning, fire/burn) and of intent of injury (e.g., unintentional, assault, intentional self-harm, legal intervention) are being coded for each case in a manner consistent with the International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) coding rules and guidelines.

NEISS has been managed and operated by the U.S. Consumer Product Safety Commission since 1972 and is used by the Commission for identifying and monitoring consumer product-related injuries and for assessing risk to all U.S. residents. These product-related injury data are used for educating consumers about hazardous products and for identifying injury-related cases used in detailed studies of specific products and associated hazard patterns. These studies set the stage for developing both voluntary and mandatory safety standards.

Since the early 1980s, CPSC has assisted other federal agencies by using NEISS to collect injury-related data of special interest to them. In 1990, an interagency agreement was established between NCIPC and CPSC to (1) collect NEISS data on nonfatal firearm-related injuries for the CDC Firearm Injury Surveillance Study; (2) publish NEISS data on a variety of injury-related topics, such as in-line skating, firearms, BB and pellet guns, bicycles, boat propellers, personal water craft, and playground injuries; and (3) to address common concerns. CPSC also uses NEISS to collect data on work-related injuries for the National Institute of Occupational Safety and Health (NIOSH), CDC.
In 1997, the interagency agreement was modified to conduct the three-month NEISS All Injury Pilot Study at 21 NEISS hospitals (see Quinlan KP, Thompson MP, Annest JL, et al. Expanding the National Electronic Injury Surveillance System to Monitor All Nonfatal Injuries Treated in US Hospital Emergency Departments. Annals Emerg. Med. 1999;34:637-643.) This study demonstrated the feasibility of expanding NEISS to collect data on all injuries. National estimates based on this study indicated product-related injuries that fall into CPSC’s jurisdiction accounted for approximately 50% of injuries treated in U.S. hospital EDs. The study also indicated that NEISS is a cost-effective system for capturing data on all injuries treated in U.S. hospital EDs. The NEISS All Injury Program provides an excellent data source for monitoring national estimates of nonfatal injuries over time. Analysis and dissemination of these surveillance data through the ICPSR, the internet (http://www.cdc.gov/ncipc/wisqars) and publications will help support NCIPC’s mission of reducing all types and causes of injuries in the United States, as well as assist other federal agencies with responsibilities for injury prevention and control.

### Summary Data Description

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### Notes

**What are the limitations of these nonfatal injury Data**

These data have been reviewed and edited carefully by CPSC and CDC for consistency and valid codes. However, analysts need to understand that these are surveillance data. There may still be some minor inconsistency in coding. Hospital coders are instructed to code only from information provided in the medical record (e.g., the ED record, EMS report, doctor’s notes and nurse’s notes). Narratives are taken verbatim from the medical record. Some of the variables (e.g., LOC_C, REASON) defining circumstances of injury have a relatively high proportion of missing data. Also, race/ethnicity (e.g., RACE_C) variables are missing for about one-fifth of cases. These factors should be taken into consideration in analysis and interpretation of data.

Data users should also note that NEISS AIP data only provide national estimates and cannot be used to provide regional, state, or local estimates.

### Methodology and Processing

#### Data Collection Methodology

**Time Method:** Cross-section


**Frequency of Data Collection:** Daily

**Sampling Procedure:** Sampling
Data were collected from a national sample of 66 out of 100 NEISS hospitals that were selected as a stratified probability sample of United States hospitals with at least six beds that provided 24-hour emergency service excluding psychiatric and penal institutions. The sample included five strata of which four represented different levels of hospital size, measured by the number of emergency department visits. The fifth contained the children's hospitals. There were 31 hospitals in the small stratum, 9 hospitals in the medium stratum, 6 hospitals in the large stratum, 15 hospitals in the very large stratum, and 5 hospitals in the children's stratum.

Control Operations:

Trained, onsite hospital coders took data for injury-related cases from ED records at NEISS hospitals. The coders coded all data elements, except for cause of injury. These coded data and a narrative were entered into a computer and electronically transmitted to CPSC headquarters in Bethesda, MD. NEISS AIP quality assurance coders at CPSC headquarters received the data electronically and reviewed all of the data elements as well as a narrative (description) for each case from each of the 66 NEISS AIP hospitals. Quality assurance coders then used the narrative and other data to assign codes for the precipitating and direct causes/mechanisms of injury for each case.

The narratives, in most cases, provided enough detail about the circumstances of the injury event so that trained quality assurance coders could assign codes for cause of injury and confirm the intent of injury code assigned by the hospital coder. NEISS hospital coders are trained not to interpret information provided in the ED record when writing the narrative but rather to transcribe exactly what medical providers recorded about the ED visit. Most narrative descriptions are based on doctors' and nurses' notes. This policy helps ensure that the data from the narrative is accurate and consistent. In a joint effort, CDC and CPSC developed the coding guidelines for cause and intent of injury. The guidelines are consistent with coding guidelines in the International Classification of Disease (ICD) 9-CM. For more details about coding procedures, see the NEISS All Injury Program training and coding manuals (reference 2 and 3).

Weighting:

Do I need to use the sample weights in analyzing the data?

Yes, the sample weights are essential for computing national estimates. Each sample weight represents the inverse of the probability of selection of the case. The sample weight has been adjusted for hospital non-response within each NEISS AIP sample stratum and changes in the number of ED visits annually in the sampling frame of US hospital EDs. More details are given in the Sample Design and Implementation Report that is a supplement to this documentation.

Two sample weights are provided. WEIGHT is the sample weight that was assigned to each case. WEIGHTA is an annualized weight that was calculated as 2*WEIGHT for 2000 data and 1*WEIGHT for 2001 and 2002. Since data collection did not begin until July 2000, the 2000 data file only has 6 months of data. Therefore, we created WEIGHTA as a way to get annualized national estimates. If the user is going to analyze national estimates based on data combined from the 2000 and 2001/2002 data files, WEIGHTA should be used to weight the data. If the user is going to analyze national estimates based on data from the 2001 through 2004 data files ONLY, then either WEIGHT or WEIGHTA can be used because these variables are identical. Using the 2000 data for temporal trend analysis is not recommended because no adjustment was made for seasonality.

Some annualized estimates may be affected by seasonal changes—the fact that some causes of injury occur more often in one season of the year than in another. For example, research shows that firearm-related injuries are more likely to occur in the summer (e.g., firearm-related assaults) and fall (e.g., unintentional, recreational firearm-related injuries). Thus, the overall annualized national estimate for firearm-related injuries based on data from this six-month period is likely to be higher than the estimate based on data obtained from the entire year 2000. The data user should keep this in mind when analyzing data by specific causes of injury or injury diagnoses.
How are data elements collected for NEISS AIP?

NEISS AIP collects data on age, race, Hispanic origin, and sex of the injured person, principal diagnosis, primary body part affected, locale where the injury occurred, up to two consumer products involved, disposition at discharge from the ED, cause/mechanism of injury, intent of injury, and whether the injury is related to work. In addition, there is a brief narrative description of the incident.

For transportation-related injuries, NEISS AIP collects data about whether the injury was related to traffic and the status of the motor vehicle occupant (e.g., driver, passenger, and boarding or alighting) when the injury occurred.

For assaults, NEISS AIP collects data about the relationship of the perpetrator to the injured person (such as spouse, partner, parent, other relative, friend, stranger, or multiple perpetrators) and the context of the assault (such as altercation, robbery, sexual assault, drug-related, gang-related, and drive-by shooting).

Are any of the NEISS AIP data elements not included in this initial release?

Yes, we are not releasing a work-relatedness variable. These data are being reviewed by the National Institute of Occupational Safety and Health (NIOSH) as part of a special work-related injury study. NIOSH has developed a web site where national estimates of work-related injuries using NEISS data are available [http://www2a.cdc.gov/risqs/](http://www2a.cdc.gov/risqs/).

DEFINITIONS

How is a nonfatal injury defined?

For NEISS AIP, a nonfatal injury is bodily harm resulting from severe exposure to an external force or substance (mechanical, thermal, electrical, chemical, or radiant) or submission. This bodily harm can be unintentional or violence-related.

This system did not count an ED case as a nonfatal injury if (1) the principal diagnosis was an illness, psychological harm (such as anxiety or depression) only, or contact dermatitis (skin irritation) associated with exposure to consumer products (such as body lotions, detergents, diapers) or plants (e.g., poison ivy); (2) pain symptoms were indicated in the ED record, but an injury-related diagnosis was not specified; (3) the visit was for adverse effects of therapeutic drugs or of surgical and medical care; (4) the principal diagnosis was unknown; or (5) the patient died on arrival at the ED or during treatment in the ED. Deaths were excluded because they are not completely captured by NEISS AIP.

How are age, sex, and race/Hispanic origin of the injured person defined?

Age: Age in years of the patient at the time of treatment, as recorded on the emergency department record.

Sex: Gender of the patient as recorded on the emergency department record. The three possible categories are male, female, and unknown/undetermined.

Race/Hispanic origin: Race and Hispanic origin of the patient is defined as recorded on the emergency department (ED) record. On the ED record, often only one entry is available for race or ethnicity. The classification scheme for this system assumes that most white Hispanics probably were recorded on the ED record as Hispanics, and most black Hispanics probably were recorded as black. Therefore, we have created two race variable, RACE2_C does not consider Hispanic origin, but only race categories (white, black, Asian, American Indian, and other). RACETH_C combines race and Hispanic origin into six categories (white, non-Hispanic; black (including Hispanic and
How are the precipitating and direct causes/mechanisms of injury defined?

The cause, or mechanism, of injury is the way in which the person sustained the injury; how the person was injured; or the process by which the injury occurred. For this system, both the precipitating (or underlying) cause and direct cause of injury were coded. The precipitating cause is what starts the chain of events that leads to an injury. The direct cause, or immediate cause, is what produces the actual physical harm. The precipitating (PCAUSE_C) and direct (ICAUSE_C) causes can be the same or different. For example, if a person cuts his or her finger with a knife, the cut is both the precipitating and direct cause. However, if a child falls and hits his head on a coffee table, the fall is the precipitating cause (the action that starts the injury event), and the contact with the table is the direct cause (the action that causes the actual physical harm).

The precipitating cause is more important to prevention efforts. If we can prevent the precipitating cause, we can stop the injury from occurring in the first place. In other words, without the precipitating cause, there would be no direct cause. Analyzing these nonfatal injury data by the precipitating cause of injury is consistent with analyzing fatal injury data by the underlying cause of death. Therefore, analysis using the precipitating cause of injury is recommended if the data user is going to compare fatal and nonfatal injury data for a specific cause (e.g., fall, poisoning, cut/pierce, etc.).

How are the major categories of cause/mechanism of injury defined?

*Cause/mechanism* of injury categories are defined as described below. For the actual training module and coding guidelines and rules, see A Training Module for Coding Mechanism and Intent of Injury for the NEISS AIP.

**BB/pellet gunshot:** A penetrating force injury resulting from a BB, pellet, or other projectile shot from a BB or pellet gun (a compressed air or CO2-powered BB or pellet gun). This category includes gunshot wound from a BB or pellet rifle or pistol. This category does not include injury caused by a compressed air-powered paint gun or nail gun, which falls in the category "other specified."

**Cut/pierce/stab:** Injury resulting from an incision, slash, perforation, or puncture by a pointed or sharp instrument, weapon, or object. This category does not include injury from being struck by or against a blunt object (such as the side of a night stand) or bite wounds; these injuries fall in the category "struck by/against."

**Dog bite:** Injury caused by a dog bite. This category does not include injury from other animal bites.

**Drowning/near drowning/submersion:** Suffocation (asphyxia) resulting from submersion in water or another liquid.

**Fall:** Injury received when a person descends abruptly due to the force of gravity and strikes a surface at the same or lower level.

**Fire/burn/smoke inhalation:** Severe exposure to flames, heat, or chemicals that leads to tissue damage in the skin or places deeper in the body; injury from smoke inhalation to the upper airway, lower airway, or lungs.

**Firearm gunshot:** A penetrating force injury resulting from a bullet or other projectile shot from a powder-charged gun. This category includes gunshot wounds from powder-charged handguns, shotguns, and rifles. This category does not include injury caused by a compressed air-powered paint gun or a nail gun, which falls in the "other specified" category.
**Foreign body:** Injury resulting from entrance of a foreign body into or through the eye or other natural body opening that does not block an airway or cause suffocation (asphyxia). Examples include pebble or dirt in eye, BB in ear, or small children's toys in esophagus.

**Inhalation/ingestion/suffocation:** Inhalation, aspiration, or ingestion of food or other object that blocks the airway or causes suffocation; intentional or accidental mechanical suffocation due to hanging, strangulation, lack of air in a closed place, plastic bag or falling earth. This category does not include injury resulting from a foreign body that does not block the airway (see foreign body).

**Machinery:** Injury that involves operating machinery, such as drill presses, fork lifts, large power-saws, jack hammers, and commercial meat slicers. This category does not include injury involving machines not in operation, falls from escalators or moving sidewalks, or injuries from powered lawn mowers or other powered hand tools or home appliances.

**Natural/environmental:** Injury resulting from exposure to adverse natural and environmental conditions (such as severe heat, severe cold, lightning, sunstroke, large storms, and natural disasters) as well as lack of food or water.

**Other bite/sting:** Injury from a poisonous or non-poisonous bite or sting through the skin, other than a dog bite. This category includes human bite, cat bite, snake or lizard bite, insect bite, stings from coral or jellyfish, or bites and stings by other plants and animals.

**Other specified causes:** Injury associated with any other specified cause that does not fit another category. Some examples include causes such as electric current, electrocution, explosive blast, fireworks, overexposure to radiation, welding flash burn, or animal scratch.

**Overexertion:** Working the body or a body part too hard, causing damage to muscle, tendon, ligament, cartilage, joint, or peripheral nerve (e.g., common cause of strains, sprains, and twisted ankles). This category includes overexertion from lifting, pushing, or pulling or from excessive force.

**Poisoning:** Ingestion, inhalation, absorption through the skin, or injection of so much of a drug, toxin (biologic or non-biologic), or other chemical that a harmful effect results, such as drug overdoses. This category does not include harmful effects from normal therapeutic drugs (i.e., unexpected adverse effects to a drug administered correctly to treat a condition) or bacterial illnesses.

**Struck by/against or crushed:** Injury resulting from being struck by (hit) or crushed by a human, animal, or inanimate object or force other than a vehicle or machinery; injury caused by striking (hitting) against a human, animal, or inanimate object or force other than a vehicle or machinery.

**Transportation-related causes:** Injury involving modes of transportation, such as cars, motorcycles, bicycles, and trains. This category is divided into five subcategories according to the person injured: motor vehicle occupant, motorcyclist, pedal cyclist, pedestrian, and other transport. This category also involves another factor—whether the injury occurred in traffic (on a public road or highway).

**Subcategories of Transportation-Related Causes:**

**Motor vehicle occupant:** Injury to a driver or passenger of a motor vehicle caused by a collision, rollover, crash or some other event involving another vehicle, an object, or a pedestrian. This category includes occupants of cars, pickup trucks, vans, heavy transport vehicles, buses, and SUVs. Injuries to occupants of other types of vehicles such as ATVs, snowmobiles, and go-carts fall in the category of "other transport."

**Motorcyclist:** Injury to a driver or passenger of a motorcycle resulting from a collision, loss of control, crash, or some other event involving a vehicle, object, or pedestrian. This category includes drivers or passengers of motorcycles (classic style), sidecars, mopeds, motorized bicycles, and motor-powered scooters.
Other transport: Injury to a person boarding, alighting, or riding in or on all other transport vehicles involved in a collision or other event with another vehicle, pedestrian, or animal not described above. It includes railway, water, air, space, animal and animal-drawn conveyances (e.g., horseback riding), ATVs, battery-powered carts, ski lifts, and other cable cars not on rails.

Pedal cyclist: Injury to a pedal cycle rider from a collision, loss of control, crash, or some other event involving a moving vehicle or pedestrian. This category includes riders of unicycles, bicycles, tricycles, and mountain bikes. This category does not include injuries unrelated to transport (moving), such as repairing a bicycle.

Pedestrian (struck by or against a vehicle): Injury to a person involved in a collision, where the person was not at the time of the collision riding in or on a motor vehicle, railway train, motorcycle, bicycle, airplane, streetcar, animal-drawn vehicle, or other vehicle. This category includes persons struck by cars, pickup trucks, vans, heavy transport vehicles, buses, and SUVs. This category does not include persons struck by other vehicles such as motorcycles, trains, or bicycles; these cases fall in the category of "other transport."

Unknown/unspecified cause: Injury for which the emergency department report does not provide enough information to describe the cause of injury.

Subcategories of Traffic-relatedness:
For cases involving at least one of these transport-related causes (motor vehicle occupant, motorcyclist, pedal cyclist, pedestrian, and other transport), the system notes whether the injury occurred in traffic (i.e., on a public road or highway). Specifically, the categories for this data element include traffic-related, not traffic-related, and unknown/unspecified

Traffic-Related: Any vehicle incident occurring on a public highway, street, or road (i.e., originating on, terminating on, or involving a vehicle partially on the highway). If a report did not specify traffic relatedness and the event involved a motor vehicle crash (i.e., collision involving a car, pickup truck, van, heavy truck, or SUV), this system assumed the event was traffic-related; this policy is consistent with ICD-9-CM coding rules. If a report without specification involved motorcycles, ATVs, go-carts, and other off-road vehicles, this system did not assume the event was traffic-related. Also, boarding and alighting injuries fall into the category of unknown/unspecified unless the report noted the injuries occurred in traffic.

Non-traffic: Any vehicle incident that occurs entirely in any place other than a public highway, street, or road.

Unknown/ unspecified: Any vehicle incident that is not a motor vehicle crash and that did not have a report specifying whether the incident happened on a public highway, street, or road.

How was intent of injury defined?

Intent of injury: Whether or not an injury was caused by an act carried out on purpose by oneself or by another person(s), with the goal of injuring or killing.

Note: This system categorized cases of unknown or undetermined intent as unintentional injuries. However, expanding the definitions of assault and intentional self-harm to include confirmed and suspected cases minimized the numbers of cases with unknown or undetermined intent. For most cases, the report indicated intent (or lack of intent) to harm.

Intent of Injury Categories
Assault, confirmed or suspected: Injury from an act of violence where physical force by one or more persons is used with the intent of causing harm, injury, or death to another person; or an intentional poisoning by another person. This category includes perpetrators as well as intended and unintended victims of violent acts (e.g., innocent bystanders). This category excludes unintentional shooting victims (other than those occurring during an act of violence), unintentional drug overdoses, and children or teenagers “horsing” around.

Assault - other: This category includes a majority of the assaults and excludes cases where the reason for the assault was classified as sexual assault (as defined below). If the emergency department record did not indicate that the assault involved sexual assault, then it was coded as other assault.

Assault - sexual: An assault as defined above that also involves

- the use of physical force to compel another person to engage in a sexual act against his or her will, whether the act is completed or not, attempted or completed sex act involving a person unable to
  1) understand the nature of the act,
  2) decline participation, or
  3) communicate unwillingness to participate for whatever reason.

- abusive sexual contact: intentional touching, either directly or through the clothing, of the genitalia, anus, groin, breast, inner thigh, or buttocks of any person against his or her will or of a person who is unable to consent (e.g., because of age, illness, disability, the influence of alcohol or other drugs) or refuse (e.g., due to the use of guns or other non-bodily weapons, or due to physical violence, threats of physical violence, real or perceived coercion, intimidation or pressure, or misuse of authority).

This category includes rape, completed or attempted; sodomy, completed or attempted; and other sexual assaults with bodily force, completed or attempted.

Also, for all assault cases, there were two additional sub-data elements collected:

- Perpetrator relationship: The relationship of the perpetrator to the victim.

- Reason: The reason for the assault or the context of the assault at the time of injury. There was only one reason for assault recorded. The hierarchy for assigning reason for assault was: sexual assault, drug-relatedness, robbery/illegal acquisition, gang-relatedness, and altercation.

Legal intervention: Injury or poisoning caused by police or other legal authorities (including security guards) during law enforcement activities. Includes injuries and poisonings (mace, pepper spray) inflicted during legal action or execution, or while attempting to enforce the law such as arrest or restraint of arrested persons.

Self-harm, confirmed or suspected: Injury or poisoning resulting from a deliberate violent act inflicted on oneself with the intent to take one’s own life or with the intent to harm oneself. This category includes suicide, suicide attempt, and other intentional self-harm.

Unintentional: Injury or poisoning that is not inflicted by deliberate means (i.e., not on purpose). This category includes those injuries and poisonings described as unintended or “accidental”, regardless of whether the injury was inflicted by oneself or by another person. Also, includes injury or poisoning where no indication of intent to harm was documented in the ED record.
Violence-related: Injury or poisoning inflicted by deliberate means (i.e., on purpose). This category includes the assault, legal intervention, and self-harm categories.

How are the sports- and recreation-related data elements defined?

A sports- and recreation-related variable (SPORTS) has 39 mutually exclusive categories established using a hierarchy (i.e., categories as ordered in the codebook). Individual variables of each of these sports are also provided in case the data user wants to specify a different hierarchy. Sports- and recreation-related categories are based on an algorithm that considers both the consumer products involved (e.g., bicycles or accessories, swings, or swing sets, or in-line skating [activity, apparel, or equipment]) and the narrative description of the incident.

Data Appraisal Information

What statistical criteria should be used to decide if a national estimate is unstable or unreliable?

National estimates of nonfatal injuries are based on weighted data. These national estimates are based on data obtained from patients treated in NEISS hospital EDs from July 1 through December 31, 2000, and from January 1 through December 31, 2001 and after. The overall annual national estimate of nonfatal injuries is based on approximately 230,000 NEISS AIP cases for 2000, 480,000 for 2001, 488,000 for 2002, 467,000 for 2003, 492,000 for 2004, 496,000 for 2005, 483,754 for 2006, and 501,312 for 2007, making these national estimates very reliable. However, when you analyze NEISS AIP data by specific causes/mechanisms of injury and intents of injury by age, sex and/or race/ethnicity, some national estimates may be based on relatively few cases and therefore unstable. The recommended statistical criteria for determining unstable or unreliable national estimates are:

1. Computation, based on fewer than 20 NEISS cases (based on unweighted data)
2. National estimates less than 1,200 (based on weighted data), or
3. The coefficient of variation (CV) of the estimate greater than 30%.

These criteria are similar to those recommended by CPSC for national estimates of consumer product-related injuries.

How do I calculate standard errors of the national estimates?

There are three different methods that can be used to calculate relative standard errors and 95% confidence intervals. One method uses SUDAAN, another SAS version 8 SURVEYMEANS, and another using a direct method of computation. All three methods seem to provide very similar estimates of standard errors. Sample programs written in SAS code for all three methods are provided in the NEISS All Injury Program: Sample Design and Implementation document (see reference 1). There are variables on the data set for specifying the hospital stratum (STRATUM), primary sampling unit (PSU) and sample weight (WEIGHT for the 6-month weight, WEIGHTA for the annualized weight).

Data Access

Dataset Availability

Location: Inter-university Consortium for Political and Social Research

Extent of Collection: 1 data file + machine-readable documentation + SAS, SPSS, and Stata setup files
Related Publication(s)


53. Stevens, Judy A, PhD, Thomas, Karen E; Ellen D. Sogolow n Ellen D. "Seasonal Patterns of Fatal and Nonfatal Falls among Older Adults in the U.S." ACCIDENT ANALYSIS AND PREVENTION, 2007;39:1239-124.4


Data Files Description

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ICPSR 26941

National Electronic Injury Surveillance System All Injury Program, 2007

Variable Description
## Variable Groups

### Variable Groups Containing Variables

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<tr>
<td>VG1</td>
<td>Variables for NEISS Data</td>
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### VG1 Variables for NEISS Data

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<td>FIRE INVOLVEMENT</td>
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### NEK
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- **Location:** 1-8 (width: 8; decimal: 0)
- **Variable Type:** numeric

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- **Location:** 9-9 (width: 1; decimal: 0)
- **Variable Type:** character

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### PSU
**PRIMARY SAMPLING UNIT FOR SUDAAN MODEL**

- **Location:** 10-12 (width: 3; decimal: 0)
- **Variable Type:** numeric

### WEIGHT
**RECORD WEIGHT FOR SUDAAN MODEL**

- **Location:** 13-25 (width: 13; decimal: 9)
- **Variable Type:** numeric

### BDYPT
**PRIMARY BODY PART AFFECTED**

- **Location:** 26-27 (width: 2; decimal: 0)
- **Variable Type:** numeric

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<td>Elbow</td>
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<td>33</td>
<td>Lower Arm</td>
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### DIAG: DIAGNOSIS

**Location:** 28-29 (width: 2; decimal: 0)

**Variable Type:** numeric

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<td>Observation</td>
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<td>AMA/LWBS</td>
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<tr>
<td>2</td>
<td>No /Fire</td>
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### INTENT: INTENT OF INJURY

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**Variable Type:** numeric

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<td>Passenger</td>
</tr>
<tr>
<td>3</td>
<td>Person Board/Alight</td>
</tr>
<tr>
<td>8</td>
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</tr>
<tr>
<td>9</td>
<td>UNK Unspec</td>
</tr>
<tr>
<td>. (M)</td>
<td>-</td>
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</tbody>
</table>

### PERPETRATOR RELATIONSHIP IN ASSAULT

**Location:** 34-35 (width: 2; decimal: 0)

**Variable Type:** numeric

<table>
<thead>
<tr>
<th>Value</th>
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<tbody>
<tr>
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<td>Spouse/Partner</td>
</tr>
<tr>
<td>2</td>
<td>Parent</td>
</tr>
<tr>
<td>3</td>
<td>Oth Relative</td>
</tr>
<tr>
<td>4</td>
<td>Unrel Caregiver</td>
</tr>
<tr>
<td>5</td>
<td>Friend/Acquaint</td>
</tr>
<tr>
<td>6</td>
<td>Off Authorities</td>
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<td>Mult Perps</td>
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<tr>
<td>8</td>
<td>Stranger</td>
</tr>
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<td>88</td>
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### REASON FOR ASSAULT

**Location:** 36-36 (width: 1; decimal: 0)

**Variable Type:** numeric

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<tr>
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**REASON: REASON FOR ASSAULT**

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<tbody>
<tr>
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</tr>
<tr>
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</tr>
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<td>Sexual Assault</td>
</tr>
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<td>Gang-Related</td>
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</tr>
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**SEX**

**SEX OF PATIENT**

| Location: | 37-37(width: 1; decimal: 0) |
| Variable Type: | numeric |

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<tr>
<td>1</td>
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<td>2</td>
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**STRATUM**

**STRATUM BASED ON SIZE FOR SUDAAN MODEL**

| Location: | 38-38(width: 1; decimal: 0) |
| Variable Type: | numeric |

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</tr>
<tr>
<td>3</td>
<td>Large</td>
</tr>
<tr>
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<td>Very Large</td>
</tr>
<tr>
<td>5</td>
<td>Children's</td>
</tr>
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**TRDATE**

**DATE OF TREATMENT YYYYMMDD**

| Location: | 39-46(width: 8; decimal: 0) |
| Variable Type: | numeric |

**AGE_C**

**AGE CODE YRS (200S IN MONTHS)**

| Location: | 47-49(width: 3; decimal: 0) |
| Variable Type: | numeric |

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<tr>
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<td>Label</td>
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<tr>
<td>-------</td>
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</tr>
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### AGE_C: AGE CODE YRS (200S IN MONTHS)

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<tr>
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<tr>
<td>120</td>
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</tr>
<tr>
<td>201</td>
<td>1 Mo</td>
</tr>
<tr>
<td>202</td>
<td>2 Mos</td>
</tr>
<tr>
<td>203</td>
<td>3 Mos</td>
</tr>
<tr>
<td>204</td>
<td>4 Mos</td>
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### AGE_C: AGE CODE YRS (200S IN MONTHS)

<table>
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<tbody>
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<tr>
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<td>6 Mos</td>
</tr>
<tr>
<td>207</td>
<td>7 Mos</td>
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<td>208</td>
<td>8 Mos</td>
</tr>
<tr>
<td>209</td>
<td>9 Mos</td>
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<tr>
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<td>11 Mos</td>
</tr>
<tr>
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<td>12 Mos</td>
</tr>
<tr>
<td>213</td>
<td>13 Mos</td>
</tr>
<tr>
<td>214</td>
<td>14 Mos</td>
</tr>
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<td>215</td>
<td>15 Mos</td>
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<tr>
<td>222</td>
<td>22 Mos</td>
</tr>
<tr>
<td>223</td>
<td>23 Mos</td>
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### LOC_C: LOCALE WHERE INJURED

| Location: | 50-50(width: 1; decimal: 0) |
| Variable Type: | numeric |

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<td>7</td>
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<tr>
<td>8</td>
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<tr>
<td>9</td>
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</tbody>
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### HISP_C: HISPANIC ORIGIN

| Location: | 51-51(width: 1; decimal: 0) |
| Variable Type: | numeric |
### HISP_C: HISPANIC ORIGIN

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<tbody>
<tr>
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<td>Hispanic</td>
</tr>
<tr>
<td>2</td>
<td>Non-Hisp/Ns</td>
</tr>
</tbody>
</table>

### TRMON_C: TREATMENT MONTH OF YEAR

| Location: | 52-53(width: 2; decimal: 0) |
| Variable Type: | numeric |

<table>
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<th>Value</th>
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<tr>
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<td>February</td>
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<tr>
<td>3</td>
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<td>5</td>
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<td>November</td>
</tr>
<tr>
<td>12</td>
<td>December</td>
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### TRDAY_C: TREATMENT DAY OF WEEK

| Location: | 54-54(width: 1; decimal: 0) |
| Variable Type: | numeric |

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<td>Thursday</td>
</tr>
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<td>6</td>
<td>Friday</td>
</tr>
<tr>
<td>7</td>
<td>Saturday</td>
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### AGEYR_C: AGE IN YRS

| Location: | 55-57(width: 3; decimal: 0) |
| Variable Type: | numeric |
| Range of Missing Values (M): | 999 |
### AGEYR_C: AGE IN YRS

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</tbody>
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### AGEG4_C: AGE GROUP 18 LEVELS EXC UNK

**Location:** 58-59(width: 2; decimal: 0)  
**Variable Type:** numeric

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<td>80-84</td>
</tr>
<tr>
<td>18</td>
<td>85+</td>
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</tbody>
</table>

### AGEG6_C: AGE GROUP 12 LEVELS EXC UNK

**Location:** 60-61(width: 2; decimal: 0)  
**Variable Type:** numeric

<table>
<thead>
<tr>
<th>Value</th>
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<tbody>
<tr>
<td>0</td>
<td>UNK</td>
</tr>
<tr>
<td>1</td>
<td>00-04</td>
</tr>
<tr>
<td>2</td>
<td>05-09</td>
</tr>
<tr>
<td>3</td>
<td>10-14</td>
</tr>
<tr>
<td>4</td>
<td>15-19</td>
</tr>
<tr>
<td>5</td>
<td>20-24</td>
</tr>
<tr>
<td>6</td>
<td>25-34</td>
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### AGE6_C: AGE GROUP 12 LEVELS EXC UNK

<table>
<thead>
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<tbody>
<tr>
<td>7</td>
<td>35-44</td>
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<td>8</td>
<td>45-54</td>
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<tr>
<td>9</td>
<td>55-64</td>
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<td>10</td>
<td>65-74</td>
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<tr>
<td>11</td>
<td>75-84</td>
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<tr>
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<td>85+</td>
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### BDYPTG_C: PRIMARY BODY PART-GROUPED

**Location:** 62-62(width: 1; decimal: 0)  
**Variable Type:** numeric

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<tr>
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</tr>
<tr>
<td>1</td>
<td>Head/Neck</td>
</tr>
<tr>
<td>2</td>
<td>Upper Trunk</td>
</tr>
<tr>
<td>3</td>
<td>Lower Trunk</td>
</tr>
<tr>
<td>4</td>
<td>Arm/Hand</td>
</tr>
<tr>
<td>5</td>
<td>Leg/Foot</td>
</tr>
<tr>
<td>6</td>
<td>Other</td>
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### INJURY_C: INJURY AS DEFINED BY CDC

**Location:** 63-63(width: 1; decimal: 0)  
**Variable Type:** numeric

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<tr>
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### LOCG_C: LOCALE WHERE INJURED-GROUP

**Location:** 64-64(width: 1; decimal: 0)  
**Variable Type:** numeric

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<tr>
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<td>UNK</td>
</tr>
<tr>
<td>1</td>
<td>Home/Apt/Mobile</td>
</tr>
<tr>
<td>2</td>
<td>School/Sports</td>
</tr>
<tr>
<td>3</td>
<td>Street</td>
</tr>
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<td>4</td>
<td>Other Property</td>
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<td>Farm</td>
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### RACE2_C: RACE (W B ASIAN A_INDIAN OTHER)

**Location:** 65-65(width: 1; decimal: 0)
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<td><strong>RACE2_C</strong>: RACE (W B ASIAN A_INDIAN OTHER)</td>
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<tr>
<td><strong>Value</strong></td>
<td><strong>Label</strong></td>
</tr>
<tr>
<td>0</td>
<td>NS</td>
</tr>
<tr>
<td>1</td>
<td>White</td>
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<tr>
<td>2</td>
<td>Black</td>
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<tr>
<td>3</td>
<td>Asian</td>
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<tr>
<td>4</td>
<td>Am Indian</td>
</tr>
<tr>
<td>5</td>
<td>Other</td>
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<td><strong>RACETH_C</strong>: RACE/ETHNICITY (WNH B H ANH INH ONH)</td>
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</tr>
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<td><strong>Value</strong></td>
<td><strong>Label</strong></td>
</tr>
<tr>
<td>0</td>
<td>UNK</td>
</tr>
<tr>
<td>1</td>
<td>White Nh</td>
</tr>
<tr>
<td>2</td>
<td>Black</td>
</tr>
<tr>
<td>3</td>
<td>Hispanic</td>
</tr>
<tr>
<td>4</td>
<td>Asian Nh</td>
</tr>
<tr>
<td>5</td>
<td>Am Ind Nh</td>
</tr>
<tr>
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<td>Other Nh</td>
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</tr>
<tr>
<td><strong>Value</strong></td>
<td><strong>Label</strong></td>
</tr>
<tr>
<td>0</td>
<td>Unint/Unk</td>
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<tr>
<td>1</td>
<td>Violent Inj</td>
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<tr>
<td>. (M)</td>
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<table>
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<tr>
<td><strong>INTENT_C</strong>: INTENT WITH SEX/OTH ASSAULT</td>
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<td><strong>Value</strong></td>
<td><strong>Label</strong></td>
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<tr>
<td>0</td>
<td>Unint/Unk</td>
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<tr>
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<td>2</td>
<td>Other Assault</td>
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<tr>
<td>3</td>
<td>Self</td>
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### PCAUSE_C: PRECIPITATING CAUSE OF INJURY

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<tr>
<td>2</td>
<td>Motorcyclist</td>
</tr>
<tr>
<td>3</td>
<td>Pedal Cyclist</td>
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<tr>
<td>4</td>
<td>Pedestrian</td>
</tr>
<tr>
<td>5</td>
<td>Oth Transport</td>
</tr>
<tr>
<td>6</td>
<td>Fall</td>
</tr>
<tr>
<td>7</td>
<td>Struck By/Ag</td>
</tr>
<tr>
<td>8</td>
<td>Cut/Pierce</td>
</tr>
<tr>
<td>9</td>
<td>Overexertion</td>
</tr>
<tr>
<td>10</td>
<td>Fire/Burn</td>
</tr>
<tr>
<td>11</td>
<td>Poisoning</td>
</tr>
<tr>
<td>12</td>
<td>Inhaltn/Suff</td>
</tr>
<tr>
<td>13</td>
<td>Drown/Near Drown</td>
</tr>
<tr>
<td>14</td>
<td>Machinery</td>
</tr>
<tr>
<td>15</td>
<td>Foreign Body</td>
</tr>
<tr>
<td>16</td>
<td>Dog Bite</td>
</tr>
<tr>
<td>17</td>
<td>Oth Bite/Sting</td>
</tr>
<tr>
<td>18</td>
<td>Firearm Gunshot</td>
</tr>
<tr>
<td>19</td>
<td>BB/Pellet Gunshot</td>
</tr>
<tr>
<td>20</td>
<td>Natural/Environm</td>
</tr>
<tr>
<td>21</td>
<td>Adv Eff Therap Drugs</td>
</tr>
<tr>
<td>22</td>
<td>Adv Eff Sur/Med Care</td>
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<td>Unk/Unspec</td>
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### ICAUSE_C: IMMEDIATE CAUSE OF INJURY

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<td>Pedal Cyclist</td>
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<tr>
<td>4</td>
<td>Pedestrian</td>
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<tr>
<td>5</td>
<td>Oth Transport</td>
</tr>
<tr>
<td>6</td>
<td>Fall</td>
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<tr>
<td>7</td>
<td>Struck By/Ag</td>
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### CAUSE_C: IMMEDIATE CAUSE OF INJURY

<table>
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</thead>
<tbody>
<tr>
<td>8</td>
<td>Cut/Pierce</td>
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<td>9</td>
<td>Overexertion</td>
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<tr>
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<td>11</td>
<td>Poisoning</td>
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<td>Inhalatn/Suff</td>
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<tr>
<td>13</td>
<td>Drown/Near Drown</td>
</tr>
<tr>
<td>14</td>
<td>Machinery</td>
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<td>15</td>
<td>Foreign Body</td>
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<tr>
<td>16</td>
<td>Dog Bite</td>
</tr>
<tr>
<td>17</td>
<td>Oth Bite/Sting</td>
</tr>
<tr>
<td>18</td>
<td>Firearm Gunshot</td>
</tr>
<tr>
<td>19</td>
<td>BB/Pellet Gunshot</td>
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<tr>
<td>20</td>
<td>Natural/Environm</td>
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<tr>
<td>21</td>
<td>Adv Eff Therap Drugs</td>
</tr>
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<td>Adv Eff Sur/Med Care</td>
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<tr>
<td>88</td>
<td>Oth Specified</td>
</tr>
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<td>Unk/Unspec</td>
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### SPORTS AND RECREATION (HIERARCHICAL)

| Location: | 73-74(width: 2; decimal: 0) |
| Variable Type: | numeric |

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<th>SPORTS: SPORTS AND RECREATION (HIERARCHICAL)</th>
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<tr>
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<td>Nonpowder Gun</td>
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<tr>
<td>2</td>
<td>Skating In-Line</td>
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</tr>
<tr>
<td>3</td>
<td>Skating Ice</td>
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</tr>
<tr>
<td>4</td>
<td>Skating Other</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Skateboard</td>
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</tr>
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<td>6</td>
<td>Trampoline</td>
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</tr>
<tr>
<td>7</td>
<td>Scooter</td>
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</tr>
<tr>
<td>8</td>
<td>Bicycle</td>
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<tr>
<td>9</td>
<td>Tobog/Sled/Disc</td>
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<td>10</td>
<td>Moped/Mini/Off</td>
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</tr>
<tr>
<td>11</td>
<td>Go-Cart</td>
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<tr>
<td>12</td>
<td>ATV</td>
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<td>13</td>
<td>Horseback</td>
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<td>14</td>
<td>Gymnastics</td>
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<td>15</td>
<td>Basketball</td>
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<td>Baseball</td>
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### SPORTS: SPORTS AND RECREATION (HIERARCHICAL)

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<td>Bowling</td>
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<td>19</td>
<td>Hockey</td>
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<tr>
<td>20</td>
<td>Football</td>
</tr>
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<td>21</td>
<td>Soccer</td>
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<td>22</td>
<td>Racquet Sports</td>
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<td>23</td>
<td>Golf</td>
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<td>24</td>
<td>Volleyball</td>
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<td>Misc Ball Games</td>
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<tr>
<td>26</td>
<td>Track/Field</td>
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<tr>
<td>27</td>
<td>Combative</td>
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<td>28</td>
<td>Exercise</td>
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<td>29</td>
<td>Swimming</td>
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<td>Playground</td>
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<td>Waterski/Surf</td>
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<td>Pers Watercraft</td>
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<td>Fishing</td>
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<td>Camping</td>
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<td>38</td>
<td>Billiards</td>
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<td>Other, Spec</td>
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<td>. (M)</td>
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### SPORTS_I  SPORTS INJURY? INTENT=UNINTENT/UNK ONLY

**Location:** 75-75(width: 1; decimal: 0)

**Variable Type:** numeric

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### SP_AMUSE  SPORTS:AMUSEMENT ATTRACTION

**Location:** 76-76(width: 1; decimal: 0)

**Variable Type:** numeric

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- Study 26941 -
### SP_AMUSE: SPORTS: AMUSEMENT ATTRACTION

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### SP_ATV  SPORTS: ATV

**Location:** 77-77 (width: 1; decimal: 0)

**Variable Type:** numeric

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### SP_BASEB  SPORTS: BASEBALL

**Location:** 78-78 (width: 1; decimal: 0)

**Variable Type:** numeric

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<td>2</td>
<td>No</td>
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### SP_BASKB  SPORTS: BASKETBALL

**Location:** 79-79 (width: 1; decimal: 0)

**Variable Type:** numeric

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### SP_BICYC  SPORTS: BICYCLE AND ACCESSORIES

**Location:** 80-80 (width: 1; decimal: 0)

**Variable Type:** numeric

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<tr>
<td>2</td>
<td>No</td>
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### SP_BILLI  SPORTS: BILLIARDS

**Location:** 81-81 (width: 1; decimal: 0)
### SP_BILLI  SPORTS:BILLIARDS

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### SP_BOWL  SPORTS:BOWLING

Location: 82-82(width: 1; decimal: 0)

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</tr>
<tr>
<td>2</td>
<td>No</td>
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### SP_CAMPG  SPORTS:CAMPING

Location: 83-83(width: 1; decimal: 0)

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### SP_CMBAT  SPORTS:COMBATIVE

Location: 84-84(width: 1; decimal: 0)

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### SP_EXERC  SPORTS:EXERCISE AND EXERCISE EQUIPMENT

Location: 85-85(width: 1; decimal: 0)

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### SP_FISHG - SPORTS:FISHING

**Location:** 86-86

**Variable Type:** numeric

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<tr>
<td>2</td>
<td>No</td>
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<td>. (M)</td>
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### SP_FOOTB - SPORTS:FOOTBALL

**Location:** 87-87

**Variable Type:** numeric

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### SP_GCART - SPORTS:GO-CART

**Location:** 88-88

**Variable Type:** numeric

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### SP_GOLF - SPORTS:GOLF

**Location:** 89-89

**Variable Type:** numeric

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### SP_GYMNA - SPORTS:GYMNASTICS, CHEERLEADING

**Location:** 90-90

**Variable Type:** numeric

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### SP_HOCKY: SPORTS:HOCKEY

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- **Variable Type:** numeric

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### SP_HORSE: SPORTS:HORSEBACK RIDING

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- **Variable Type:** numeric

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### SP_MBALL: SPORTS:LACROSSE, RUGBY, MISC BALLGAMES

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- **Variable Type:** numeric

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### SP_MOPED: SPORTS:MOPED, MINIBIKE, OTHER OFF-ROAD

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- **Variable Type:** numeric

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### SP_NPGUN: SPORTS:NONPOWDER GUN

- **Location:** 95-95 (width: 1; decimal: 0)
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### SP_OTHER: SPORTS:OTHER SPECIFIED SPORTS

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### SP_PLAYG: SPORTS:PLAYGROUND EQUIPMENT

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### SP_PWATR: SPORTS:PERSONAL WATERCRAFT

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### SP_SKATB - SPORTS:SKATEBOARD

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### SP_SKATI - SPORTS:SKATING, ICE SKATING

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### SP_SKATO - SPORTS:SKATING, OTHER INC ROLLER

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### SP_SNOWM: SPORTS: SNOWMOBILE

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### SP_SOCCR: SPORTS: SOCCER

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### SP_SOFTB: SPORTS: SOFTBALL

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### SP_SSKI: SPORTS: SNOW SKIING

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### SP_SWIM: SPORTS: SWIMMING

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### SP_TOBOG: SPORTS:TOBOGGAN,SLED,SNOW DISC,SNOWTUBE

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### SP_TRACK: SPORTS:TRACK AND FIELD

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<td>OA-Drown/Near</td>
</tr>
<tr>
<td>214</td>
<td>OA-Machinery</td>
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### INTCAU_C: INTENT_C/PCause_C COMPOSITE

<table>
<thead>
<tr>
<th>Value</th>
<th>Label</th>
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<tbody>
<tr>
<td>215</td>
<td>OA-Foreign B</td>
</tr>
<tr>
<td>216</td>
<td>OA-Dog Bite</td>
</tr>
<tr>
<td>217</td>
<td>OA-Oth Bite/St</td>
</tr>
<tr>
<td>218</td>
<td>OA-Firearm</td>
</tr>
<tr>
<td>219</td>
<td>OA-BB/Pellet</td>
</tr>
<tr>
<td>220</td>
<td>OA-Nat/Envir</td>
</tr>
<tr>
<td>288</td>
<td>OA-Oth Spec</td>
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<tr>
<td>299</td>
<td>OA-UNK Unspe</td>
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<tr>
<td>301</td>
<td>SF-MV Occupant</td>
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<tr>
<td>302</td>
<td>SF-Motorcyclist</td>
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<tr>
<td>303</td>
<td>SF-Pedal Cyclist</td>
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<td>304</td>
<td>SF-Pedestrian</td>
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<td>305</td>
<td>SF-Oth Trans</td>
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<td>306</td>
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<td>307</td>
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<td>SF-Fire/Burn</td>
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<td>SF-Poisoning</td>
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<tr>
<td>312</td>
<td>SF-Inhal/Suff</td>
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<tr>
<td>313</td>
<td>SF-Drown/Near</td>
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<td>314</td>
<td>SF-Machinery</td>
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<td>315</td>
<td>SF-Foreign B</td>
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<tr>
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<td>SF-Firearm</td>
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<td>SF-Nat/Envir</td>
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<td>LE-Fall</td>
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<td>407</td>
<td>LE-Struckby/Ag</td>
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<td>408</td>
<td>LE-Cut/Pierce</td>
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<td>410</td>
<td>LE-Fire/Burn</td>
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<td>411</td>
<td>LE-Poisoning</td>
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### INTCAU_C: INTENT_C/PCause_C COMPOSITE

<table>
<thead>
<tr>
<th>Value</th>
<th>Label</th>
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</thead>
<tbody>
<tr>
<td>412</td>
<td>LE-Inhal/Suff</td>
</tr>
<tr>
<td>413</td>
<td>LE-Drown/Near</td>
</tr>
<tr>
<td>414</td>
<td>LE-Machinery</td>
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<tr>
<td>415</td>
<td>LE-Foreign B</td>
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<tr>
<td>416</td>
<td>LE-Dog Bite</td>
</tr>
<tr>
<td>417</td>
<td>LE-Oth Bite/St</td>
</tr>
<tr>
<td>418</td>
<td>LE-Firearm</td>
</tr>
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<td>419</td>
<td>LE-BB/Pellet</td>
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| Location: | 119-119(width: 1; decimal: 0) |
| Variable Type: | numeric |

### ANNUALIZED RECORD WEIGHT (1*WEIGHT)

| Location: | 120-132(width: 13; decimal: 9) |
| Variable Type: | numeric |
Additional information regarding the National Electronic Injury Surveillance System All Injury Program [United States], 2000-2007 may be obtained from:

Contact person: J. Lee Annest, Ph.D.
Director, Office of Statistics and Programming
National Center for Injury Prevention and Control
Centers for Disease Control and Prevention
4770 Buford Hwy, NE, MS/F64
Atlanta, GA 30341-3717
770-488-4804 (office)
770-488-1665 (FAX)
lannest@cdc.gov
TABLE. National Estimates of the Number and Percentage* of Persons with Nonfatal Injuries Treated in Hospital Emergency Departments, by Selected Characteristics, National Electronic Injury Surveillance System All Injury Program, United States, 2007

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>2007 No.</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>29,756,586</td>
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<tr>
<td>Age in Years</td>
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<td>0-4</td>
<td>2,226,008</td>
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<tr>
<td>5-9</td>
<td>1,704,371</td>
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</tr>
<tr>
<td>10-14</td>
<td>2,303,754</td>
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<tr>
<td>15-19</td>
<td>3,148,043</td>
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<tr>
<td>20-24</td>
<td>2,919,359</td>
<td>9.8</td>
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<tr>
<td>25-29</td>
<td>2,560,247</td>
<td>8.6</td>
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<tr>
<td>30-34</td>
<td>2,098,827</td>
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<tr>
<td>35-39</td>
<td>2,085,042</td>
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<tr>
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<td>2,032,594</td>
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<td>45-49</td>
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<td>50-54</td>
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<td>55-59</td>
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<td>60-64</td>
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<td>65-69</td>
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<td>70-74</td>
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<td>85+</td>
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<tr>
<td>Unknown</td>
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</table>
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<table>
<thead>
<tr>
<th>Characteristic</th>
<th>2007</th>
<th>%</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>No.</td>
<td></td>
</tr>
<tr>
<td><strong>Race</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Black</td>
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<tr>
<td>White</td>
<td>15,331,751</td>
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<tr>
<td>Asian/Pacific Islander</td>
<td>346,079</td>
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</tr>
<tr>
<td>American Indian/Alaska Native</td>
<td>455,762</td>
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<tr>
<td>Other</td>
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</tr>
<tr>
<td>Unknown</td>
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<tr>
<td><strong>Race/Ethnicity</strong></td>
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</tr>
<tr>
<td>Black</td>
<td>3,748,990</td>
<td>12.6</td>
</tr>
<tr>
<td>White, Non-Hispanic†</td>
<td>15,329,331</td>
<td>51.5</td>
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<tr>
<td>Hispanic§</td>
<td>1,665,280</td>
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<tr>
<td>Asian, Non-Hispanic</td>
<td>345,697</td>
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<tr>
<td>American Indian, Non-Hispanic</td>
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<tr>
<td>Other, Non-Hispanic</td>
<td>95,105</td>
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<tr>
<td><strong>Sex</strong></td>
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<tr>
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<tr>
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<tr>
<td>Not Stated</td>
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</table>
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<thead>
<tr>
<th>Characteristic</th>
<th>2007</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>No.</td>
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<tr>
<td><strong>Primary Body Part Affected</strong></td>
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<tr>
<td>Head/Neck</td>
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<td>Upper Trunk</td>
<td>2,617,303</td>
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<tr>
<td>Lower Trunk</td>
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<tr>
<td>Arm/Hand</td>
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<tr>
<td>Leg/Foot</td>
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<tr>
<td>Other</td>
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<tr>
<td>Unknown</td>
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<td><strong>Disposition</strong></td>
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<tr>
<td>Treated/Released</td>
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<td>Transferred/Released</td>
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<td>Hospitalized</td>
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<td>Observation</td>
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<tr>
<td>Unknown</td>
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<tr>
<td>AMA/LWBS(^1)</td>
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<tr>
<td><strong>Diagnosis</strong></td>
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<tr>
<td>Ingestion</td>
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<tr>
<td>Aspiration</td>
<td>85,057</td>
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<tr>
<td>Burn Electrical</td>
<td>5,883</td>
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<tr>
<td>Burn Not Specified</td>
<td>9,799</td>
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<tr>
<td>Burn Scald</td>
<td>147,727</td>
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</tbody>
</table>
TABLE. National Estimates of the Number and Percentage* of Persons with Nonfatal Injuries Treated in Hospital Emergency Departments, by Selected Characteristics, National Electronic Injury Surveillance System All Injury Program, United States, 2007

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<tr>
<th>Characteristic</th>
<th>2007</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>No.</td>
</tr>
<tr>
<td>Burn Chemical</td>
<td>53,375</td>
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<tr>
<td>Amputation</td>
<td>46,765</td>
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<tr>
<td>Burn Thermal</td>
<td>179,561</td>
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<tr>
<td>Concussion</td>
<td>344,001</td>
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<tr>
<td>Contusion/Abrasion</td>
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<tr>
<td>Crushing</td>
<td>101,365</td>
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<tr>
<td>Dislocation</td>
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<tr>
<td>Foreign Body</td>
<td>679,738</td>
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<tr>
<td>Fracture</td>
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<tr>
<td>Hematoma</td>
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<tr>
<td>Laceration</td>
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<tr>
<td>Dental Injury</td>
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<tr>
<td>Nerve Damage</td>
<td>20,301</td>
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<tr>
<td>Internal Injury</td>
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<tr>
<td>Puncture</td>
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<tr>
<td>Strain/Sprain</td>
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<td>Anoxia</td>
<td>62,059</td>
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<tr>
<td>Hemorrhage</td>
<td>42,437</td>
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<td>Electric Shock</td>
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<td>Poisoning</td>
<td>1,785,657</td>
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<tr>
<td>Submersion</td>
<td>5,561</td>
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</table>
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</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>No.</td>
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<td>Avulsion</td>
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<td>Radiation</td>
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<td>Dermatological/Conjunctivitis</td>
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<td>Other Assault</td>
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<td>Self</td>
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<td>Legal Intervention</td>
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<td>School/Sports</td>
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<td>Street</td>
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<td>Other Property</td>
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<td>Unknown</td>
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<td><strong>Cause/Mechanism of Injury</strong></td>
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<tr>
<td>MV Occupant</td>
<td>2,661,379</td>
</tr>
<tr>
<td>Motorcyclist</td>
<td>288,379</td>
</tr>
</tbody>
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<tr>
<th>Characteristic</th>
<th>2007 No.</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cause/Mechanism of Injury (cont’d)</strong></td>
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<tr>
<td>Pedal Cyclist</td>
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<td>Pedestrian</td>
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<td>Other Transport</td>
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<td>Fall</td>
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<tr>
<td>Struck by/Against</td>
<td>5,930,416</td>
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<tr>
<td>Cut/Pierce</td>
<td>2,299,345</td>
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</tr>
<tr>
<td>Overexertion</td>
<td>3,553,867</td>
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</tr>
<tr>
<td>Fire/Burn</td>
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<td>Poisoning</td>
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<td>Inhalation/Suffocation</td>
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<tr>
<td>Drown/Near Drowning/Submersion</td>
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<td>Machinery</td>
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<tr>
<td>BB/Pellet Gunshot</td>
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<tr>
<td>Natural/Environmental</td>
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<tr>
<td>Other, Specified</td>
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<tr>
<td>Unknown</td>
<td>708,663</td>
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</tr>
</thead>
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<tr>
<td></td>
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</tr>
<tr>
<td>Sports Total (Unintentional/Unknown Intent only)</td>
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<td>Sports Injury</td>
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<td>Nonpowder Gun</td>
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<tr>
<td>Skating In-line</td>
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<tr>
<td>Skating Ice</td>
<td>22,344</td>
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<tr>
<td>Skating Other</td>
<td>47,735</td>
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<td>Skateboard</td>
<td>143,912</td>
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<tr>
<td>Trampoline</td>
<td>98,286</td>
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<tr>
<td>Scooter</td>
<td>55,175</td>
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<tr>
<td>Bicycle</td>
<td>510,263</td>
</tr>
<tr>
<td>Toboggan/Sled/Disc</td>
<td>50,625</td>
</tr>
<tr>
<td>Moped/Mini/Off Road Vehicle</td>
<td>90,444</td>
</tr>
<tr>
<td>Go-cart</td>
<td>12,976</td>
</tr>
<tr>
<td>ATV</td>
<td>161,716</td>
</tr>
<tr>
<td>Horseback</td>
<td>79,211</td>
</tr>
<tr>
<td>Gymnastics</td>
<td>97,955</td>
</tr>
<tr>
<td>Basketball</td>
<td>486,860</td>
</tr>
<tr>
<td>Baseball</td>
<td>162,666</td>
</tr>
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TABLE. National Estimates of the Number and Percentage* of Persons with Nonfatal Injuries Treated in Hospital Emergency Departments, by Selected Characteristics, National Electronic Injury Surveillance System All Injury Program, United States, 2007

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>2007</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>No.</td>
</tr>
<tr>
<td><strong>Sports Injury (cont’d)</strong></td>
<td></td>
</tr>
<tr>
<td>Softball</td>
<td>104,099</td>
</tr>
<tr>
<td>Bowling</td>
<td>19,498</td>
</tr>
<tr>
<td>Hockey</td>
<td>59,738</td>
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<tr>
<td>Football</td>
<td>447,136</td>
</tr>
<tr>
<td>Soccer</td>
<td>208,445</td>
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<tr>
<td>Racquet Sports</td>
<td>28,670</td>
</tr>
<tr>
<td>Golf</td>
<td>44,142</td>
</tr>
<tr>
<td>Volleyball</td>
<td>59,501</td>
</tr>
<tr>
<td>Misc Ball Games</td>
<td>86,746</td>
</tr>
<tr>
<td>Track/Field</td>
<td>19,830</td>
</tr>
<tr>
<td>Combative</td>
<td>82,129</td>
</tr>
<tr>
<td>Exercise</td>
<td>239,976</td>
</tr>
<tr>
<td>Swimming</td>
<td>103,497</td>
</tr>
<tr>
<td>Amusement Attraction</td>
<td>28,570</td>
</tr>
<tr>
<td>Playground</td>
<td>208,140</td>
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<tr>
<td>Waterski/Surfing</td>
<td>32,729</td>
</tr>
<tr>
<td>Personal Watercraft</td>
<td>6,918</td>
</tr>
<tr>
<td>Snow Skiing</td>
<td>92,306</td>
</tr>
</tbody>
</table>
TABLE. National Estimates of the Number and Percentage* of Persons with Nonfatal Injuries Treated in Hospital Emergency Departments, by Selected Characteristics, National Electronic Injury Surveillance System All Injury Program, United States, 2007

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<thead>
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<th>Characteristic</th>
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<tbody>
<tr>
<td></td>
<td>No.</td>
</tr>
<tr>
<td><strong>Sports Injury (cont’d)</strong></td>
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<tr>
<td>Snowmobile</td>
<td>12,500</td>
</tr>
<tr>
<td>Fishing</td>
<td>65,187</td>
</tr>
<tr>
<td>Camping</td>
<td>5,044</td>
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<tr>
<td>Billiards</td>
<td>4,260</td>
</tr>
<tr>
<td>Other, Specified</td>
<td>81,619</td>
</tr>
<tr>
<td><strong>Traffic-Related?</strong></td>
<td></td>
</tr>
<tr>
<td>Total - MV Occupant</td>
<td>2,661,379</td>
</tr>
<tr>
<td>Yes</td>
<td>2,610,968</td>
</tr>
<tr>
<td>No</td>
<td>36,159</td>
</tr>
<tr>
<td>Unknown</td>
<td>14,252</td>
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*Column percentages may not sum up to 100.0 due to rounding error.
†Nonfatal injuries for whites, excluding those who were of Hispanic origin.
§Nonfatal injuries for Hispanics, excluding black Hispanics.
¶Left against medical advice (AMA) or left without being seen (LWBS).
**AMA/LWBS not a valid value for disposition until 2002.
Data source: CDC NEISS All Injury Program, OSP, NCIPC.
NEISS ALL INJURY PROGRAM: SAMPLE DESIGN AND IMPLEMENTATION

Prepared for public release by:

Tom Schroeder
Kimberly Ault
Division of Hazard and Injury Data Systems
U.S. Consumer Product Safety Commission
November 2001
# TABLE OF CONTENTS

## LIST OF TABLES

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>II</td>
</tr>
</tbody>
</table>

## INTRODUCTION

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
</tbody>
</table>

## REPORTABLE CASES FOR NEISS-AIP

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
</tbody>
</table>

## AUTHORITY TO COLLECT DATA AND DATA RESTRICTIONS

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
</tr>
</tbody>
</table>

## NEISS-AIP SAMPLE CHARACTERISTICS

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
</tr>
</tbody>
</table>

## NEISS-AIP CODED VARIABLES

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
</tr>
</tbody>
</table>

## HOSPITAL SELECTION PROCEDURE AND HOSPITAL PARTICIPATION

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
</tr>
</tbody>
</table>

## NEISS-AIP HOSPITAL WEIGHTS

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
</tr>
</tbody>
</table>

## BASIC HOSPITAL WEIGHTS

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
</tr>
</tbody>
</table>

## ADJUSTMENTS FOR NON-RESPONSE

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
</tr>
</tbody>
</table>

## ADJUSTMENTS FOR HOSPITAL MERGERS

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
</tr>
</tbody>
</table>

## ADJUSTMENTS FOR CHANGES IN SAMPLING FRAME

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
</tr>
</tbody>
</table>

## FINAL NEISS-AIP WEIGHTS

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
</tr>
</tbody>
</table>

## BIAS IN A RATIO ADJUSTED ESTIMATE

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
</tr>
</tbody>
</table>

## NATIONAL ESTIMATES OF INJURIES FROM THE NEISS-AIP

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
</tr>
</tbody>
</table>

## SAMPLING ERRORS ASSOCIATED WITH NEISS-AIP ESTIMATES

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
</tr>
</tbody>
</table>

## CALCULATING VARIANCES OF NEISS-AIP ESTIMATES

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
</tr>
</tbody>
</table>

## GENERALIZED SAMPLING ERRORS OF THE NEISS-AIP

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
</tr>
</tbody>
</table>

## APPENDIX 1

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
</tr>
</tbody>
</table>

## APPENDIX 2

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
</tr>
</tbody>
</table>

## APPENDIX 3

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>24</td>
</tr>
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# List of Tables

<table>
<thead>
<tr>
<th>Table</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Table 1</td>
<td>15</td>
</tr>
<tr>
<td>NEISS all injury program sample characteristics, July 2000 to present</td>
<td></td>
</tr>
<tr>
<td>Table 2</td>
<td>16</td>
</tr>
<tr>
<td>Number of hospitals in the NEISS sample and number participating by stratum for each month, July to December 2000</td>
<td></td>
</tr>
<tr>
<td>Table 3</td>
<td>17</td>
</tr>
<tr>
<td>Ratio adjustments to NEISS weights, July 1, 2000 through December 31, 2000</td>
<td></td>
</tr>
<tr>
<td>Table 4</td>
<td>18</td>
</tr>
<tr>
<td>NEISS-AIP weights by year, month, and stratum from July to December 2000</td>
<td></td>
</tr>
<tr>
<td>Table 5</td>
<td>19</td>
</tr>
<tr>
<td>Generalized relative sampling errors for NEISS-AIP for estimates of various size</td>
<td></td>
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</table>
INTRODUCTION

Between May and July of 1997, the U. S. Consumer Product Safety Commission (CPSC) in conjunction with Centers for Disease Control and Prevention (CDC) conducted an All Injury Program pilot study. The pilot study included an expansion of the current National Electronic Injury Surveillance System (NEISS) to collect all injuries treated in hospital emergency departments across the country. The pilot study showed the All Injury Program would be a feasible way to collect timely data on all types and causes of nonfatal injuries treated in hospital emergency departments. The reports by Kessler and Reiff (1998) and Quinlan, Thompson, et al. (1999) discuss the pilot study in detail.

Beginning July 2000, the CPSC implemented the NEISS-All Injury Program (NEISS-AIP) in collaboration with CDC. For the past 20 years, CPSC expanded NEISS upon request to collect information on injuries outside CPSC jurisdiction, but within the jurisdiction of other federal agencies. Now with the implementation of the NEISS-AIP, all federal agencies are now able to receive basic surveillance data. Data from the NEISS-AIP will be able to provide national estimates and associated variances for the number of injuries treated in all U. S. hospital emergency departments for any type of injury. Additionally, follow-up investigations can also be conducted within the statistical framework and therefore, national estimates can be produced to cover variables collected through these follow-up activities.

Reportable Cases for NEISS-AIP

The NEISS-AIP collects data on injuries only. An injury is generally defined as all conditions treated in the emergency room which are the result of contact with external forces: mechanical energy, chemicals and poisons, temperature extremes, electricity, radiation, as well as self harm and interpersonal violence. Injuries typically involve a single, instantaneous event such as a cut, fracture, sprain, amputation, etc. (The CPSC collects data on illnesses if the incident is related to a consumer product or a recreational or work activity.)

Reportable cases include:
- cases where the patient diagnosis (e.g., fractures, burns, lacerations, etc.) generally reflects an injury;
• cases reporting symptoms (e.g., pain, soreness, weakness, etc) if there is an external cause of the symptom(s);
• cases where the visit is directly related to an external cause (e.g., motor vehicle crash, fall, overexertion, etc.) even if no symptoms or diagnoses are listed; and
• cases related to use or abuse of alcohol and drugs including adverse reactions.

Authority to Collect Data and Data Restrictions

CPSC has authority to collect data as stated in the Consumer Product Safety Act (CPSA), Section 5. "The Commission shall maintain an Injury Information Clearinghouse to collect, investigate, analyze, and disseminate injury data, and information, relating to the causes and prevention of death, injury, and illness associated with consumer products; conduct such continuing studies and investigations of deaths, injuries, diseases, other health impairments, and economic losses resulting from accidents involving consumer products as it deems necessary."

The Privacy Act of 1974 does not apply to the collection of NEISS-AIP data since we do not request, collect or store any personal identifiers related to the patients involved. Section 6(b) of the CPSA restricts the publication of any names of manufacturers or private labelers. For this reason, published NEISS-AIP reports are purged of any manufacturer names and brand names of products under CPSC jurisdiction. Section 25(c) of the CPSA requires that any surveillance or investigation report that comes from the NEISS-AIP data will not identify any injured person or any person treating him without the consent of the person so identified. CPSC complies with Section 25(c) and the hospital commitment by purging the names of these people on every case before release of the data.
NEISS-AIP SAMPLE CHARACTERISTICS

The NEISS-AIP consists of a nationally representative sample of hospital emergency departments that collects information on injuries. (That is, the population is defined as all injuries treated in hospital emergency departments.) The NEISS-AIP sample is a stratified random sample of the approximately 5,000 U. S. hospitals with at least six beds that provide 24-hour emergency service excluding psychiatric and penal institutions. Currently, the sample contains 65 hospitals. The sample contains five strata of which four represent different levels of hospital size, measured by the number of emergency department visits. The fifth contains the children’s hospitals. The hospital size strata were constructed as shown in Table 1. There are 31 hospitals in the small stratum, 9 hospitals in the medium stratum, 6 hospitals in the large stratum, 15 hospitals in the very large stratum, and 5 hospitals in the children’s stratum.

NEISS-AIP Coded Variables

The NEISS-AIP hospitals provide data from injury-related emergency department (ED) cases on a daily basis. Each NEISS-AIP case report consists of coded variables and a brief narrative describing the injury incident. In addition to the age, race/ethnicity, sex, and disposition (where injured person goes when released from ED); cause/mechanism of injury; and intent of injury, data are being collected about the principal diagnoses, primary body part affected, locale where the injury occurred, and whether the injury is related to work. For transportation-related injuries, NEISS-AIP collects data about whether the injury was related to traffic and the status of the motor vehicle occupant (e.g., driver, passenger, and boarding or alighting) when the injury occurred. For assaults, NEISS-AIP collects data about the relationship of the perpetrator to the injured person (such as spouse, partner, parent, other relative, friend, stranger, or multiple perpetrators) and the context of the assault (such as altercation, robbery, sexual assault, drug-related, gang-related, and drive-by shooting).

The cause, or mechanism, of injury is the way in which the person sustained the injury; how the person was injured; or the process by which the injury occurred. For this system, the cause of injury is the underlying cause, rather than the direct cause. The underlying cause is what starts the chain of events that leads to
an injury. The direct cause is what produces the actual physical harm. The underlying and direct causes can be the same or different.

Trained, onsite hospital coders take data for injury-related cases from ED records at NEISS-AIP hospitals. The coders code all data elements, except for cause of injury. NEISS-AIP quality assurance coders at CPSC headquarters receive the data electronically and review all of the data elements as well as a narrative (description) for each case from each of the NEISS-AIP hospitals. Quality assurance coders then use the narrative and other data to assign codes for:

- precipitating and direct causes of injury for each case
- traffic-relatedness and occupant status for transportation-related cases
- perpetrator relationship and context of assault for assault cases

**Hospital Selection Procedure and Hospital Participation**

The NEISS-AIP hospitals are a nationally representative sub-sample of the current NEISS sample. (See Ault and Schroeder, 2001) CPSC recruited each of the selected hospitals to participate in the system. Most hospitals readily agreed to participate after conversations with CPSC staff who explained the need for their participation. In the event that a hospital declined to participate, a substitute NEISS hospital was selected from the same stratum and geographic area as the original.

This report documents the NEISS-AIP sample design. For documentation of the NEISS sample prior to the All Injury Program implementation, see the reports “The NEISS Sample (Design and Implementation) from 1979 to 1996” and “The NEISS Sample (Design and Implementation) from 1997 to present”.

**NEISS-AIP HOSPITAL WEIGHTS**

**Basic Hospital Weights**

The “basic” hospital weights used by NEISS-AIP are equal to the inverse of the probability of selection for the hospitals in each stratum. The inverse of the probability of selection is simply the total number of hospitals on the sampling frame divided by the total number of hospitals in the NEISS-AIP sample calculated at the stratum level. Adjustments to these basic weights are made for non-response,
hospital mergers, and changes in the sampling frame. The basic weights are shown in Table 1.

**Adjustments for Non-Response**

When a hospital in a given stratum does not report cases for a particular month, the basic hospital weight is adjusted for this lack of participation. If all hospitals in the stratum participate during the given month, the non-response adjustment factor is one. Non-response adjustment factors can be computed for each month and stratum since July 2000 by using Table 2. For a given month and stratum, the non-response adjustment factor is obtained by dividing the number in the column labeled "SAMPLE" by the number in the column labeled "PARTICIPANTS." For example, the non-response adjustment factor for the children's stratum for November 2000 is 5/4 or 1.25. When the monthly non-response adjustment factor for the given stratum is multiplied by the basic hospital weight, the result is the adjusted basic NEISS weight for the children's stratum for November 2000. The basic weight for the children's stratum was 50/5 or 10.0. Therefore, the November 2000 adjusted basic NEISS weight is 1.25 x 10.0, or 12.5.

**Adjustments for Hospital Mergers**

One hospital in the NEISS-AIP sample has a unique weight because the hospital merged with another hospital after the sampling frame was chosen. Hospital A selected in stratum 2, merged with Hospital B also in stratum 2. The merged hospital is considered in the statistical sample as one hospital. The basic weight of this hospital is 59.06. The basic procedures for handling hospital mergers are outlined in the following paragraphs.

When two hospitals merge and are in different strata classes, the probability of selection of the merged hospitals is found by the formula for the union of two events:

\[ P = P_1 + P_2 - P_1 P_2 \]

Where \( P_i \) = probability of selection of hospital \( i \); \( i = 1, 2 \)
Taking into account any non-response adjustment, the basic merged weight of hospital $i$ is computed as:

$$Wgt_{hi} = \frac{1}{\left(\frac{n_{h1}}{N_{h1}} - \frac{r_{h1}}{n'_{h1}}\right) + \left(\frac{n_{h2}}{N_{h2}} - \frac{r_{h2}}{n'_{h2}}\right) - \left(\frac{n_{h1}}{N_{h1}} - \frac{r_{h1}}{n'_{h1}}\right) \left(\frac{n_{h2}}{N_{h2}} - \frac{r_{h2}}{n'_{h2}}\right)}$$

where:

- $N_{h1(2)}$ = Number of hospitals in the NEISS sampling frame for stratum $h1(2)$
- $n_{h1(2)}$ = Number of hospitals selected for the NEISS sample for stratum $h1(2)$
- $r_{h1(2)}$ = Number of hospitals participating in the NEISS sample for stratum $h1(2)$ for the time period
- $n'_{h1(2)}$ = Number of in-scope hospitals in the NEISS sample for stratum $h1(2)$

When two hospitals merge and are in the same strata class, the situation is more complex because the sampling in a size class is done without replacement. The sample size in a particular strata class was a fixed number $n$, and the total number of hospitals in the size class was $N$ for the original sample and frame. If $S$ denotes the sample, $H_1$ and $H_2$ the hospitals, the three possibilities that lead to the retention of the merged hospital in the sample are:

A. $H_1 \in S, H_2 \not\in S$  Hospital 1 is in the original sample, hospital 2 is not
B. $H_1 \not\in S, H_2 \in S$  Hospital 2 is in the original sample, hospital 1 is not
C. $H_1 \in S, H_2 \in S$  Both hospitals are in the original sample

The probability of event A is:

$$P(A) = P(H_1 \text{ is selected on the first draw and } H_2 \text{ is not selected on any draw})$$

$$= n \frac{1}{N} \frac{N - 2}{N - 1} \frac{N - 3}{N - 2} \ldots \frac{N - n + 1}{N - n + 2} \frac{N - n}{N - n + 2} = n \frac{N - n}{N - 1}$$

The leading multiplier $n$ accounts for the possibility that $H_1$ may be selected on any of the $n$ draws. The probability of event B, $P(B)$, is the same as $P(A)$ from symmetry.
The probability of event $C$ is:

$$P(C) = 2\binom{n}{2}P(H_1 \text{ is selected } n \text{ the first draw and } H_2 \text{ is selected on the 2nd})$$

$$= 2\binom{n}{2} \frac{1}{N} \frac{1}{N-1}$$

The probability of inclusion of the merged hospital is then:

$$P(A) + P(B) + P(C) = \frac{n(2N-n-1)}{N(N-1)} = \frac{2n}{N} - \frac{n(n-1)}{N(N-1)}$$

$$Wgt_{hi} = \frac{1}{2n_h - \frac{n_h(n_h-1)}{N_h}} \left( \frac{n'_h}{r_h} \right)$$

Taking into account any non-response adjustment, the basic merged weight of hospital $i$ is computed as:

Where:

$N_h$ = Number of hospitals in the NEISS-AIP sampling frame for stratum $h$

$n_h$ = Number of hospitals selected from the NEISS-AIP sample for stratum $h$

$r_h$ = Number of hospitals participating in the NEISS-AIP sample for stratum $h$ for the time period

$n'_h$ = Number of in-scope hospitals in the NEISS-AIP sample for stratum $h$

**Adjustments for Changes in Sampling Frame**

The hospital population does not remain static over time. Hospitals close, merge, and open as well as change in the volume of emergency department visits. In order to stabilize the NEISS-AIP estimates over time without taking a new sample and backcasting historical estimates, a ratio adjustment to the basic NEISS-AIP weight can occur. A ratio adjustment takes advantage of knowledge about a highly correlated auxiliary variable, which in this case is the total number of emergency department visits. The total number of emergency department visits is obtained by purchasing a complete hospital database on a yearly basis.

The ratio adjustment applied to the basic NEISS-AIP weight is the ratio of the known total number of emergency department visits in the population (from the most
recent hospital database) over the estimate of the total emergency department
visits based on the sample of NEISS-AIP hospitals. For computing ratio
adjustments, the small and medium strata are combined together and the large and
very large strata are combined together due to the relatively small number of
hospitals in some of the larger strata. The 1999 hospital database was used to
adjust the 2000 basic NEISS-AIP weights and the 2000 hospital database will be
used to adjust the 2001 basic NEISS-AIP weights. Table 3 presents the total
emergency department visits (ERVs) from the 1999 hospital database (sampling
frame), the estimated ERVs from the NEISS-AIP sample for 1999, and the
computed ratio adjustments for July - December 2000.

Within each combined stratum, the ratio-adjusted weights, \( w^*_{hi} \), are computed as:

\[
 w^*_{hi} = w_{hi} \left( \frac{ERV_{up,h*}}{\sum_h \sum_i w_{hi} Erv_{up,i}} \right) = w_{hi} * R_{h*} \tag{Equation 1}
\]

where

- \( w_{hi} \) = NEISS-AIP basic weight (adjusted for hospital mergers if necessary)
- \( w'_{hi} \) = NEISS-AIP basic weight (adjusted for hospital mergers if necessary: see
discussion below)
- \( ERV_{up,h*} \) = Total ERVs on updated SMG file for combined stratum \( h^* \)
- \( Erv_{up,i} \) = Number of ERVs from the updated SMG file for NEISS-AIP hospital \( i \)
- \( R_{h*} \) = Ratio adjustment for combined stratum \( h^* \)

A NEISS-AIP hospital is given a merged weight if that hospital has merged with
another hospital and CPSC cannot distinguish in which hospital emergency
department an injury was treated. However, it is possible on the updated sampling
frame that the total ERVs from each of the merged hospitals are listed
separately, and for estimating total ERVs the hospitals would not be considered
merged. If this is the case then \( w_{hi} \) equals the merged weight and \( w'_{hi} \) equals the
NEISS-AIP basic weight. The one merged hospital in the NEISS-AIP is treated as
two separate hospitals on the updated sampling frame since both of the merged
hospitals have separate ERVs listed on the updated sampling frame and both
emergency departments remain operational. Thus \( w_{hi} ^\wedge = w'_{hi} \).

If the ERVs can be distinguished on the frame then \( w_{hi} = w'_{hi} \); otherwise, \( w_{hi} ^\wedge = w'_{hi} \).
A ratio adjustment in its true form would only sum the total ERVs on the updated sampling frame for the hospitals that were eligible for NEISS-AIP on the sampling frame. However, summing in this manner would not account for the ERVs from any of the new emergency departments that opened in the interim and thus underestimate the total number of injuries. Through NEISS-AIP, CPSC wants to estimate the total number of injuries treated at all eligible U.S. hospitals. This would include any new emergency departments that have opened since the sample was selected. Thus, the total ERVs from the new emergency departments are added into their appropriate combined strata.

**Final NEISS-AIP Weights**

The final NEISS-AIP weight calculated each month and used for national estimates can consist of the following parts: basic weights, adjustments for non-response, adjustments for merged hospitals, and adjustments for changes in the sampling frame. The final weight (for all non-merged hospitals) can be written as:

\[
NEISS_{\text{wt}} = \left( \frac{N_h n^{*}_h n'_h}{n_h n'_h r_h} \right) R_h \quad \text{(Equation 2)}
\]

where:

- \( N_h \) = Number of hospitals in the original sampling frame for stratum \( h \)
- \( n_h \) = Number of hospitals selected for the NEISS-AIP sample for stratum \( h \)
- \( n^{*}_h \) = Number of in-scope hospitals in the NEISS sample for stratum \( h \)
- \( n'_h \) = Number of in-scope hospitals in the NEISS-AIP sample for stratum \( h \)
- \( r_h \) = Number of NEISS-AIP hospitals participating in stratum \( h \) for the given month
- \( R_h \) = Ratio adjustment for combined stratum \( h \)

Table 4 shows the final NEISS-AIP weights for July to December 2000.

**Bias in a Ratio Adjusted Estimate**

Ratio estimates in general are biased estimates. In practice, the bias is usually negligible and unimportant if the sample is of moderate size. As discussed in the book by Cochran (1977), the bias in each stratum of a stratified sample has an upper bound less than the standard error of the estimate multiplied by the coefficient of variation of the estimated total ERVs.
Bias in Estimate \( h \) \[\leq \text{SE( Estimate } h \text{ )} \times \text{C.V. (Estimated ERV } h \text{ )}\]

where:

- .10 in the combined small and medium strata
- .09 in the combined large and very large strata
- .11 in the children’s stratum

Bias in a stratified sample is additive, but due to the relatively small upper bounds of the bias in terms of the standard error of the estimate for each stratum, the bias in ratio adjusted NEISS estimates is considered negligible.

**NATIONAL ESTIMATES OF INJURIES FROM THE NEISS-AIP**

National estimates for a given month of NEISS-AIP are calculated using the following formula

\[
\text{Estimate} = \sum wgt_i x_i \quad (\text{Equation 3})
\]

where:

- \( wgt_i \) = Weight of hospital \( i \) for the month
- \( x_i \) = Number of cases for a type of injury reported by hospital \( i \) for the given month

Except for the unique weights of merged hospitals, the weights of the hospitals are the same within a stratum and equation 3 can be written as:

\[
\text{Estimate} = \sum_{h=1}^{m} \sum_{i=1}^{n_h} \left( \frac{N_h n^* h n'_h}{n_h n^* h r_h} \right) \text{R}_{h'i} x_{hi} \quad (\text{Equation 4})
\]

where:

- \( m \) = Number of strata in the NEISS-AIP sample during the given time period
- \( N_h \) = Number of hospitals in the NEISS-AIP sampling frame for stratum \( h \)
- \( n_h \) = Number of hospitals selected for the NEISS-AIP sample for stratum \( h \)
- \( n^* h \) = Number of in-scope hospitals in the NEISS sample for stratum \( h \)
- \( n'_h \) = Number of in-scope hospitals in the NEISS-AIP sample for stratum \( h \)
- \( r_h \) = Number of NEISS-AIP hospitals participating for stratum \( h \) for the given
month

$R_{h}^{*} = \text{Ratio adjustment factor for stratum h for the given month}$

$x_{hi} = \text{Number of cases for a type of injury reported by hospital i in stratum h for the given month}$

Note that factor $N_{h}/n_{h}$ is the basic weight associated with each hospital in stratum h. The factor $n'_{h}/r_{h}$ is the adjustment for non-response and the factor $R_{h}$ is the last adjustment is for changes in the sampling frame.

To summarize, each case is assigned a weight depending on the hospital and the month of treatment. The national injury estimate is the simple addition of the weights for all cases of interest. A NEISS-AIP national estimate is considered unstable and potentially unreliable when the estimate is less than 1,200, or the sample is less than 20, or the coefficient of variation exceeds 30%.

**SAMPLING ERRORS ASSOCIATED WITH NEISS-AIP ESTIMATES**

**Calculating Variances of NEISS-AIP Estimates**

Variances of NEISS-AIP estimates are calculated by CPSC using a slightly modified version of the classical formula for the variance of a total from a stratified sample. With adjustments to NEISS-AIP weights made for non-response, hospital mergers, and ratio adjustments, the classical variance formula doesn’t fit NEISS-AIP exactly. Other methods for approximating the variance are available such as Taylor series approximation or various replication (Jackknife, Balanced Repeated Replication) methods. Taylor series approximations and a 'leave one out' Jackknife approach available using SUDAAN software produce similar if not identical results to the classical variance formula.

Because NEISS-AIP estimates are based on a sample of hospital emergency departments rather than on a census of all hospital emergency departments, they may differ somewhat from the figures that would have been obtained if injuries had been obtained from all hospital emergency departments in the U.S. Standard (or sampling) errors are measures of the sampling variability, that is, of the variations in the estimates that occur by chance because a sample rather than the entire set of emergency departments is surveyed. Measures of sampling variation are frequently expressed as coefficients of variation (c.v.'s). The coefficients of
variation are the standard errors divided by the estimates. The c.v. is a measure of the proportionate error due to sampling and the standard error is a measure of the absolute error. The square of the standard error is referred to as the sampling variance. The variance of an estimate based on a sample can be calculated from the sample data, and this has been done for NEISS-AIP.

The estimates of variances for NEISS-AIP take into account the probabilities of selection, stratification, and weighting. The variance estimating formula currently used is:

$$\sigma^2 = \sum_{h=1}^{m} \frac{r_h}{r_h - 1} \sum_{i=1}^{n_h} \left( \frac{N_h}{n_h} \frac{n'_h}{r_h} \right)^2 (x_{hi} - \bar{x}_h)^2 = \sum_{h=1}^{m} \frac{r_h}{r_h - 1} \sum_{i=1}^{n_h} \left( wgt_{hi} x_{hi} - wgt_{hi} \bar{x}_h \right)^2$$

where:

- $m$ = Number of strata in the sample for the time period
- $r_h$ = the number of hospitals participating in stratum $h$ for the time period
- $N_h$ = Number of hospitals in the NEISS sampling frame for stratum $h$
- $n_h$ = Number of hospitals selected for the (current) sample for stratum $h$
- $n'_h$ = Number of in-scope hospitals in the (current) sample or stratum $h$
- $x_{hi}$ = the number of injuries reported for the time period in the $i$-th hospital in stratum $h$
- $wgt_{hi}$ = The weight of hospital $i$ in stratum $h$ for the time period

$$\bar{x}_h = \frac{\sum_{i=1}^{n_h} x_{hi}}{r_h} \quad \text{and} \quad wgt_{hi} \bar{x}_h = \sum_{i=1}^{n_h} \frac{wgt_{hi} x_{hi}}{r_h}$$

The equation above applies to estimates of injuries during any period -- monthly, quarterly, annually, etc. -- with $x_{hi}$ interpreted as the number of injuries during that period. For periods greater than one month, the formula assumes that the sample size is constant over the period. When there have been variations in sample size, $r_h$ is defined as the number of hospitals reporting during all, or the majority of the months in the period. A "majority $n$" (number of hospitals reporting a majority of the time or $n \geq 7$ months for a 12 month period) or "fractional $n$" (sum of number of hospital months divided by the number of months) can be used with little difference in the results between the two methods. This formula actually slightly overstates the true sampling variance, because it does not take into account the effect of the secondary stratification factor, geography.
calculations indicate that there are only slight differences between calculations using the formula above, and ones that consider the geographic sub-stratification.

Appendixes 1 and 2 contain sample SAS code for calculating variances associated with a particular NEISS-AIP estimate. Appendix 3 contains sample SAS /SUDAAN code for calculating variances associated with a particular NEISS-AIP estimate.

**Generalized Sampling Errors of the NEISS-AIP**

"Generalized sampling errors" are also produced for NEISS-AIP estimates. These smoothed values are derived from fitting a curve to all calculated sampling errors for a defined set. Generalized sampling errors are commonly used by U.S. Government statistical agencies such as the Bureau of the Census, the Bureau of Labor Statistics, and the National Center for Health Statistics to convey to the public information about the precision of their estimates. One reason for their use is to reduce the cost of computing and presenting the large number of variances that would be required if each required a separate computation. Another reason is to produce more stable estimates of variances. Sampling errors, when estimated from sample data, have variances of their own; fitting a curve frequently reduces these errors.

There are two general steps in producing a generalized variance: calculating estimates and variances of groups of data and fitting a curve to the calculated variances. For NEISS-AIP, the method used for calculating estimates and variances involved generating random groups of various sizes. For the second step of fitting curves to the generated data points, two models were compared. The first model is shown in the equation 6 and the second model is shown in equation 7.

\[
\frac{\sigma^2_{x_k}}{x_k} = C.V.\cdot x_k = \frac{1}{a + (b \cdot LN(x_k))} 
\]  
(Equation 6)

\[
\frac{\sigma^2_{x_k}}{x_k} = C.V.\cdot x_k = \sqrt{a + b / x_k} \]

(Equation 7)

where \( x_k \) = Estimate of group k
\( a, b \) = Constants from linear equation
The model in equation 6 fit the data points better than equation 7. Therefore, the generalized standard errors and coefficients of variation from this model are presented in Table 5. The standard errors derived from NEISS-AIP shown in Table 5 can be used in the following way. The sample estimate and its standard error enable one to construct confidence intervals, ranges that would include the average results of all possible samples with a known probability. For example, if all possible samples were selected and surveyed, and an estimate and its standard error calculated from each, then:

- Approximately 95 percent of the time the interval from two standard errors below the estimate to two standard errors above the estimate would include the average result of all possible samples.
- About 90 percent of similar confidence intervals using 1.645 standard errors would include the average results of all samples.
- About 68 percent of confidence intervals using one standard error would include the average results of all possible samples.
Table 1
NEISS All Injury Program Sample Characteristics
July to December 2000

<table>
<thead>
<tr>
<th>Stratum</th>
<th>Range of Total ERVs</th>
<th>Number of Hospitals in Universe</th>
<th>Total Sample</th>
<th>Basic Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1 - 16,830</td>
<td>3,179</td>
<td>31</td>
<td>102.55</td>
</tr>
<tr>
<td>2</td>
<td>16,831 - 28,150</td>
<td>1,059</td>
<td>9</td>
<td>117.67</td>
</tr>
<tr>
<td>3</td>
<td>28,151 - 41,130</td>
<td>674</td>
<td>6</td>
<td>112.33</td>
</tr>
<tr>
<td>4</td>
<td>41,131 +</td>
<td>426</td>
<td>15</td>
<td>28.40</td>
</tr>
<tr>
<td>Children’s</td>
<td>Various</td>
<td>50</td>
<td>5</td>
<td>10.00</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>5,388</td>
<td>66</td>
<td></td>
</tr>
</tbody>
</table>

Note: The basic weight is based on the 1995 SMG data when the NEISS was redesigned in 1997.
TABLE 2
Number of Hospitals in the NEISS-AIP Sample and Number of Participating Hospitals By Stratum For Each Month, July to December 2000

<table>
<thead>
<tr>
<th>Year</th>
<th>Month</th>
<th>Sample</th>
<th>Participants</th>
<th>Sample</th>
<th>Participants</th>
<th>Sample</th>
<th>Participants</th>
<th>Sample</th>
<th>Participants</th>
<th>Total Sample</th>
<th>Total Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>7</td>
<td>31</td>
<td>31</td>
<td>9</td>
<td>9</td>
<td>6</td>
<td>6</td>
<td>15</td>
<td>15</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>2000</td>
<td>8</td>
<td>31</td>
<td>31</td>
<td>9</td>
<td>9</td>
<td>6</td>
<td>6</td>
<td>15</td>
<td>15</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>2000</td>
<td>9</td>
<td>31</td>
<td>31</td>
<td>9</td>
<td>9</td>
<td>6</td>
<td>6</td>
<td>15</td>
<td>15</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>2000</td>
<td>10</td>
<td>31</td>
<td>31</td>
<td>9</td>
<td>9</td>
<td>6</td>
<td>6</td>
<td>15</td>
<td>15</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>2000</td>
<td>11</td>
<td>31</td>
<td>31</td>
<td>9</td>
<td>9</td>
<td>6</td>
<td>5</td>
<td>15</td>
<td>15</td>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td>2000</td>
<td>12</td>
<td>31</td>
<td>31</td>
<td>9</td>
<td>9</td>
<td>6</td>
<td>5</td>
<td>15</td>
<td>15</td>
<td>5</td>
<td>4</td>
</tr>
</tbody>
</table>
Table 3
Ratio Adjustments to NEISS All Injury Program Weights
July 1, 2000 through December 31, 2000

<table>
<thead>
<tr>
<th>Stratum</th>
<th>1999 ERVs from Emergency Rooms on Original Frame</th>
<th>1999 ERVs from Emergency Rooms New to 1999 Frame</th>
<th>Total ERVs</th>
<th>Estimated ERVs from NEISS-AIP Sample</th>
<th>Ratio Adjustment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>24,895,553</td>
<td>177,975</td>
<td>25,073,528</td>
<td>25,784,670</td>
<td>1.096692</td>
</tr>
<tr>
<td>2</td>
<td>23,759,376</td>
<td>269,898</td>
<td>24,029,274</td>
<td>18,988,883</td>
<td>0.934073</td>
</tr>
<tr>
<td>3</td>
<td>23,253,312</td>
<td>38,516</td>
<td>23,291,828</td>
<td>26,235,338</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>23,441,652</td>
<td>77,000</td>
<td>23,518,652</td>
<td>23,879,032</td>
<td></td>
</tr>
<tr>
<td>Children's</td>
<td>1,984,668</td>
<td>269,222</td>
<td>2,253,890</td>
<td>2,388,930</td>
<td>0.943473</td>
</tr>
<tr>
<td>Total</td>
<td>97,334,561</td>
<td>832,611</td>
<td>98,167,172</td>
<td>97,276,853</td>
<td></td>
</tr>
</tbody>
</table>

Table 4

NEISS-AIP Final Adjusted Weights by Year, Month, and Stratum From July to December 2000

<table>
<thead>
<tr>
<th>Year</th>
<th>Month</th>
<th>Small Stratum</th>
<th>Medium Stratum</th>
<th>Large Stratum</th>
<th>Very Large Stratum</th>
<th>Children’s Stratum</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>August</td>
<td>112.4658</td>
<td>129.0478</td>
<td>104.9244</td>
<td>26.5277</td>
<td>9.4347</td>
</tr>
<tr>
<td>2000</td>
<td>September</td>
<td>112.4658</td>
<td>129.0478</td>
<td>104.9244</td>
<td>26.5277</td>
<td>9.4347</td>
</tr>
<tr>
<td>2000</td>
<td>October</td>
<td>112.4658</td>
<td>129.0478</td>
<td>104.9244</td>
<td>26.5277</td>
<td>9.4347</td>
</tr>
<tr>
<td>2000</td>
<td>November</td>
<td>112.4658</td>
<td>129.0478</td>
<td>125.9093</td>
<td>26.5277</td>
<td>11.7934</td>
</tr>
<tr>
<td>2000</td>
<td>December</td>
<td>112.4658</td>
<td>129.0478</td>
<td>125.9093</td>
<td>26.5277</td>
<td>11.7934</td>
</tr>
</tbody>
</table>

Note: The weights presented in this table have been adjusted for nonresponse and changes in the sampling frame.
Table 5

Generalized Relative Sampling Errors for NEISS AIP for Estimates of Various Size

<table>
<thead>
<tr>
<th>Estimated Number of Injuries</th>
<th>Approximate Standard Error</th>
<th>Generalized Sampling Error</th>
<th>Approximate 90% Confidence Interval</th>
<th>Approximate 95% Confidence Interval</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,200</td>
<td>336</td>
<td>0.28</td>
<td>647</td>
<td>1,753</td>
</tr>
<tr>
<td>5,000</td>
<td>750</td>
<td>0.15</td>
<td>3,800</td>
<td>6,200</td>
</tr>
<tr>
<td>10,000</td>
<td>1200</td>
<td>0.12</td>
<td>8,000</td>
<td>1,200</td>
</tr>
<tr>
<td>25,000</td>
<td>2250</td>
<td>0.09</td>
<td>21,300</td>
<td>2,200</td>
</tr>
<tr>
<td>50,000</td>
<td>4000</td>
<td>0.08</td>
<td>43,400</td>
<td>4,000</td>
</tr>
<tr>
<td>75,000</td>
<td>6000</td>
<td>0.08</td>
<td>65,100</td>
<td>6,000</td>
</tr>
<tr>
<td>100,000</td>
<td>8000</td>
<td>0.08</td>
<td>86,800</td>
<td>8,000</td>
</tr>
<tr>
<td>200,000</td>
<td>14000</td>
<td>0.07</td>
<td>177,000</td>
<td>14,000</td>
</tr>
<tr>
<td>300,000</td>
<td>21000</td>
<td>0.07</td>
<td>265,500</td>
<td>21,000</td>
</tr>
<tr>
<td>400,000</td>
<td>28000</td>
<td>0.07</td>
<td>353,900</td>
<td>28,000</td>
</tr>
<tr>
<td>500,000</td>
<td>35000</td>
<td>0.07</td>
<td>442,400</td>
<td>35,000</td>
</tr>
<tr>
<td>600,000</td>
<td>42000</td>
<td>0.07</td>
<td>530,900</td>
<td>42,000</td>
</tr>
<tr>
<td>700,000</td>
<td>49000</td>
<td>0.07</td>
<td>619,400</td>
<td>49,000</td>
</tr>
<tr>
<td>1,500,000</td>
<td>105000</td>
<td>0.07</td>
<td>1,327,300</td>
<td>1,672,700</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1,290,000</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1,710,000</td>
</tr>
</tbody>
</table>
APPENDIX 1
SAMPLE SAS CODE FOR CALCULATING VARIANCES

/* YOUR DATASET MUST CONTAIN VARIABLES NAMED PSU, STRATUM, AND A WEIGHT VARIABLE (EITHER WEIGHT OR WEIGHTA) */;

/* PUT IN YOUR DIRECTORY HERE WHERE THE DATA IS STORED*/;
LIBNAME PC 'C:\NEISSAIP';

DATA ALL; SET PC.NEISSAIP;

PROC SORT; BY PSU PCAUSE_C;

/* SUM YOUR PSU TOTALS */;

DATA TOTAL (KEEP = PSU TOT_WT TOT_CNT PCAUSE_C STRATUM);
SET ALL; BY PSU PCAUSE_C;
TOT_WT + WEIGHTA;
TOT_CNT + 1;
IF LAST.PCAUSE_C THEN DO;
OUTPUT;
TOT_WT = 0;
TOT_CNT = 0;
END;
RETAIN TOT_WT 0 TOT_CNT 0;

PROC SORT DATA = TOTAL; BY PCAUSE_C STRATUM;

DATA VARPROD (KEEP = PCAUSE_C ESTIMATE COUNT CV VAR); SET TOTAL;
BY PCAUSE_C STRATUM;
COUNT + TOT_CNT;
TWCNT + TOT_WT;
SUMSQ = (TOT_WT)**2;
TSUMSQ + SUMSQ;

IF LAST.STRATUM THEN DO;
IF STRATUM = '1' THEN N = 31;
ELSE IF STRATUM = '2' THEN N = 9;
ELSE IF STRATUM = '3' THEN N = 5.67;
ELSE IF STRATUM = '4' THEN N = 15;
ELSE IF STRATUM = '5' THEN N = 4.67;

STR_VAR = (TSUMSQ-(TWCNT**2)/N)*N/(N-1);
VAR+STR_VAR;
TSUMSQ = 0;
ESTIMATE+TWCNT;
TWCNT=0;
END;

IF LAST.PCAUSE_C THEN DO;
   SD = SQRT(VAR);
   CV = SD/ESTIMATE;
   OUTPUT VARPROD;
   ESTIMATE = 0;
   VAR = 0;
   COUNT = 0;
END;
RUN;

PROC PRINT DATA = VARPROD;
   TITLE1 'VARIANCE ESTIMATES FOR ANNUALIZED 2000 NEISS-AIP';
   TITLE2 'BY PRECIPITATING CAUSE OF INJURY';
   VAR PCAUSE_C ESTIMATE COUNT CV VAR;
   FORMAT PCAUSE_C $CAUSE. ESTIMATE 7.0 CV 7.4 VAR 12.;
   SUM ESTIMATE COUNT VAR;
RUN;
APPENDIX 2

SAMPLE SAS PROC SURVEYMEANS CODE FOR CALCULATING VARIANCES

/* YOUR DATASET MUST CONTAIN VARIABLES NAMED PSU, STRATUM, AND A WEIGHT VARIABLE (EITHER WEIGHT OR WEIGHTA) */

/* PUT IN YOUR DIRECTORY HERE WHERE THE DATA IS STORED*/;

LIBNAME PC 'C:\NEISSAIP';

/* READ IN 1 DUMMY RECORD FOR EACH PSU */;

PROC SQL;
    CREATE TABLE DUMMY AS
    SELECT DISTINCT PSU, STRATUM FROM PC.NEISSAIP;

DATA DUMMY; SET DUMMY;
    WEIGHTA = 0.0001;

/* READ IN YOUR DATA SET */;

DATA ALL (KEEP = PSU STRATUM PCAUSE_C WEIGHTA); SET PC.NEISSAIP;

DATA ALL; SET ALL DUMMY;
    NEISSAIP = 1;

DATA _NULL_;
    TITLE1 'VARIANCE ESTIMATES FOR ANNUALIZED 2000 NEISS-AIP';
    TITLE2 'BY PRECIPITATING CAUSE OF INJURY';
    TITLE3 'USING SAS: PROC SURVEYMEANS';

PROC SURVEYMEANS DATA = ALL SUM VARSUM;
    CLUSTER PSU;
    STRATA STRATUM;
    WEIGHT WEIGHTA;
    VAR NEISSAIP;

RUN;
PROC SURVEYMEANS DATA = ALL SUM VARSUM;
   CLASS PCause_C;
   CLUSTER PSU;
   STRATA STRATUM;
   WIEIGHT WEIGHTA;
   VAR PCause_C;
RUN;
APPENDIX 3
SUDAAN CODE FOR CALCULATING VARIANCES
Example to calculate estimates and coefficient of variations of NEISS-AIP estimates by cause

/* YOUR DATASET MUST CONTAIN VARIABLES NAMED PSU, STRATUM, AND A WEIGHT VARIABLE (EITHER WEIGHT OR WEIGHTA) */

/* PUT IN YOUR DIRECTORY HERE WHERE THE DATA IS STORED*/;

LIBNAME PC 'C:\NEISSAIP';

/* READ IN 1 DUMMY RECORD FOR EACH PSU */;

DATA DUMMY;
  INPUT PSU 3. STRAT $CHAR1.;
CARDS;
  1 M
  2 S
  3 S
  4 S
  5 V
  6 S
  7 M
  8 S
  9 S
 10 V
11 S
12 S
13 S
14 S
15 S
16 M
17 S
18 V
19 L
20 S
21 S
DATA DUMMY (DROP = STRAT); SET DUMMY;
  INSTUDY = 0;
  WEIGHTA = 0.0001;
  IF STRAT = 'C' THEN STRATUM = 5;
  IF STRAT = 'S' THEN STRATUM = 1;
  IF STRAT = 'M' THEN STRATUM = 2;
  IF STRAT = 'L' THEN STRATUM = 3;
  IF STRAT = 'V' THEN STRATUM = 4;

/* READ IN YOUR DATA SET */;

DATA ALL (KEEP = PSU STRATUM PCAUSE_C WEIGHTA); SET PC.NEISSAIP;

DATA ALL; SET ALL DUMMY;
  NEISSAIP = 1;

PROC SORT; BY STRATUM PSU;

/***************** DATA SET IS NOW SORTED BY STRATUM PSU *******************/

PROC DESCRIPT DATA = "ALL" FILETYPE = SAS DESIGN = WR;

/* SUDAAN ESTIMATES OF TOTALS */;
SUBPOPN IN_STUDY = 1;
NEST STRATUM PSU;
WEIGHT WEIGHTA;

SUBGROUP PCAUSE_C;
LEVELS 24;
VAR NEISSAIP;
TABLES CAUSE;
PRINT NSUM TOTAL SETOTAL / TOTALFMT=F10. SETOTALFMT = F10.
  STYLE = NCHS;
OUTPUT NSUM TOTAL SETOTAL / TOTALFMT=F10. SETOTALFMT = F10.
  FILENAME = SUDAAN1;

DATA SUDAAN1; SET SUDAAN1;
  FORMAT CV 7.4;
  CV = SETOTAL/TOTAL;

PROC PRINT;
  FORMAT PCAUSE_C $CAUSE.;
  VAR PCAUSE_C TOTAL NSUM CV SETOTAL;

RUN;
REFERENCES


# NEISS Coding Manual

## Table of Contents

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction</td>
</tr>
<tr>
<td>System Enhancements</td>
</tr>
<tr>
<td>General Instructions</td>
</tr>
<tr>
<td>Reviewing Hospital Records and Selecting Cases to Report</td>
</tr>
<tr>
<td>General NEISS Reporting Rule</td>
</tr>
<tr>
<td>Do Report</td>
</tr>
<tr>
<td>Report All Injuries</td>
</tr>
<tr>
<td>Report Illnesses if Product-Related</td>
</tr>
<tr>
<td>Do Not Report</td>
</tr>
<tr>
<td>Coding and Data Entry</td>
</tr>
<tr>
<td>Specific Coding Instructions</td>
</tr>
<tr>
<td>Medical Information Codes</td>
</tr>
<tr>
<td>Date of Treatment</td>
</tr>
<tr>
<td>Case Number</td>
</tr>
<tr>
<td>Age of Patient</td>
</tr>
<tr>
<td>Sex (gender) of Patient</td>
</tr>
<tr>
<td>Injury Diagnosis</td>
</tr>
<tr>
<td>Definitions of Selected Diagnoses</td>
</tr>
<tr>
<td>Anoxia</td>
</tr>
<tr>
<td>Aspirated Foreign Object</td>
</tr>
<tr>
<td>Burn Injuries</td>
</tr>
<tr>
<td>Choking</td>
</tr>
<tr>
<td>Ingested Foreign Object</td>
</tr>
<tr>
<td>Poisoning</td>
</tr>
<tr>
<td>Other</td>
</tr>
<tr>
<td>Body Part Affected</td>
</tr>
<tr>
<td>Discussion of Body Part Affected for Selected Injuries</td>
</tr>
<tr>
<td>Back Injuries</td>
</tr>
<tr>
<td>Burn Injuries</td>
</tr>
<tr>
<td>Eye Injuries</td>
</tr>
<tr>
<td>Head Injuries</td>
</tr>
<tr>
<td>Injury Diagnoses Affecting the Entire Body</td>
</tr>
<tr>
<td>Disposition of Case</td>
</tr>
<tr>
<td>Consumer Products</td>
</tr>
<tr>
<td>Products Involved</td>
</tr>
<tr>
<td>Product Information Needed</td>
</tr>
<tr>
<td>Assignment of Product Code</td>
</tr>
<tr>
<td>Specific Product Codes</td>
</tr>
<tr>
<td>&quot;Other&quot; Products in a Category</td>
</tr>
<tr>
<td>&quot;Not Specified&quot; Products in a Category</td>
</tr>
<tr>
<td>Product Categories Listed as &quot;Also Consider&quot;</td>
</tr>
<tr>
<td>Products Excluded from a Code</td>
</tr>
<tr>
<td>Products Included in a Code</td>
</tr>
</tbody>
</table>
Consumer Products (continued)

Product Parts ................................................................. 18
Toys ............................................................................. 19
Sports and Games ......................................................... 19
Poisoning or Burns to Children Under 5 ......................... 19
"New" Product Codes for Products Not Found in Manual .... 20
No Product Involved or Product Not Listed ....................... 20

Product Coding for Special Types of Incidents ................. 20
Flammable Fabrics .......................................................... 20
House Fires .................................................................. 21
Product Fires .................................................................. 21
Hot Water ...................................................................... 21

Other Codeable Information ............................................ 22
Whether Injury Was Intentionally Inflicted ......................... 22
Incident Locale ............................................................. 24
Fire Involvement ........................................................... 26
Occupational (Work-Related Incident) ............................ 26
Race ............................................................................ 27
“Other” Race or Ethnicity ................................................. 27
Comments ...................................................................... 27
Incident Sequence ........................................................ 28
Brand Name .................................................................. 28
Product Description ....................................................... 28

Epidemiologic Investigations ............................................ 29

Product Codes (alphabetic listing) .................................... Product Codes 1

Appendixes

Appendix A: NEISS Coding Sheet
Appendix B: Injury Diagnosis Codes
Appendix C: Body Part Codes
Appendixes D and E: NEISS Body Part Diagram and Summary of Other Codes
Introduction

The primary mission of the Consumer Product Safety Commission (CPSC) is to reduce injuries and fatalities associated with consumer products. For more than 25 years, the National Electronic Injury Surveillance System (NEISS) has been an essential tool in identifying the number and severity of consumer product-related injuries to persons treated in hospital emergency departments in the United States. This system has also served as a model for systems in other countries that track injuries.

Your hospital was statistically selected to participate in the NEISS to represent many similar hospitals in the United States. Practically speaking, that means that every injury you report will be important not only for itself, but because it will be multiplied by a weight to account for similar injuries treated at the other hospitals you are representing. Your reports lay the cornerstone in the effort to reduce injuries and deaths from consumer products. It is essential that each report be as complete and accurate as possible. Please follow these instructions carefully.

System Enhancements

While the NEISS continues to be the most important surveillance system tracking consumer product-related injuries, in 2000 CPSC, in partnership with the Centers for Disease Control (CDC), began an expansion of NEISS to an all injury system. The scope of NEISS was increased from a system collecting only consumer product-related injuries to one that includes first visits to an emergency department (ED) for all injuries regardless of product involvement, injury intent or occurrence at work. NEISS also includes illnesses that mention a consumer product or recreational activity and illnesses causally linked to a work activity.

NEISS is now an important public health research tool not only for the Consumer Product Safety Commission but also for many other agencies and researchers.
General Instructions

The success of the NEISS depends upon accurate and timely data. Care must be taken to identify, correctly code and successfully enter into the computer, all appropriate cases. Most important is information about the patient, the incident, the injury and the product(s) associated with the injury. You will have to work closely with all persons who put such information on emergency department records. It is only with their help that you will be able to get accurate and complete data and eliminate guesswork or inadequate product identification.

Reviewing Hospital Records and Selecting Cases to Report

Each day (or each time you work on NEISS), review the records for all emergency cases seen in your hospital since the last time you reported to determine whether an in-scope injury or illness is mentioned. Make sure that all cases that are part of the hospital’s emergency system are reviewed for every treatment date. Be aware that some places of emergency care may be physically separate from the main emergency department in the hospital. For example, consider visits for emergency care to the adult and pediatric emergency department, the trauma center, the burn center, and occupational clinics. Include all fatalities for which an emergency department record was completed. Also include all emergency department cases where the patient was later admitted for hospitalization in the same facility or transferred to a different facility.

General NEISS Reporting Rule

Do report All first visits to your hospital ED for:

- injuries, regardless of product involvement and regardless of intent
- illnesses that mention a consumer product or a recreational activity
- illnesses causally linked to a work activity

Definitions

Injury is generally defined as a medical condition resulting from contact with an external force, such as mechanical injury, chemicals and poisons, temperature extremes, electricity, radiation, interpersonal violence and self harm. Injuries typically involve a single, instantaneous event such as a cut, fracture, sprain, amputation, etc.

Report All Injuries

All injuries, with or without product involvement, qualify for NEISS and should be reported. Reportable injuries include those occurring while in recreation, while at work and whether intentional or unintentional. Listed below are some examples of reportable injuries:
- amputation, laceration, burns, anoxia, etc.;
- bite or sting injury;
- injury due to assault or suicide attempt;
- needle stick injury;
- injury associated with exposure to chemicals, pesticides, etc.;
- injury related to a motor vehicle crash; and
- gunshot wound.

Note that symptoms (e.g. tingling, numbness, shortness of breath, rash with unspecified source, pain of unspecified cause,) may indicate either an illness or an injury. However, symptoms-only cases are reportable only if an external cause is noted in the ED record. Otherwise, treat such symptoms-only cases as illnesses.

Report Illnesses or disorders qualify for NEISS and should be reported only if the ED record mentions a consumer product or recreational activity, or if there is a causal link between the illness or disorder and a work activity. Some examples of reportable illnesses and disorders related to a medical device or work activity are:

- repeated trauma disorders from work activities (e.g. carpal tunnel);
- welder’s UV keratitis; and

Do not report An illness or disorder is not reportable if the ED record does not mention a consumer product or recreational activity or does not have a causal link to a work activity. Some specific examples of illnesses or disorders that typically are not reportable are:

- chronic conditions, such as cancer, diabetes heart disease, arthritis, etc.;
- infections such as the “flu,” sore throat, sexually transmitted diseases, etc.;
- psychiatric conditions, such as anxiety, depression and psychosis, etc.; and
- and neurological conditions, such as stroke and epilepsy.

Do not report routine visits for either screening or treatment referral for drugs or alcohol use.

Also do not report a case if the specific injury or illnesses was previously treated in this or any other hospital.
Do not hesitate to call your CPSC headquarters representative for guidance on in-scope definitions and appropriate coding (1-800-638-8095).

### Coding and Data Entry

Each day (or periodically) review all the hospital records of emergency visits to the hospital and code each in-scope case. Be sure to include all reportable cases for treatment dates since the last time you coded cases.

Data entry will be easier if you group the emergency department records by the date of treatment.

Report only the first visit for a particular injury. If, however, the patient returns to the emergency department (even on the same day) with an injury or illness UNRELATED to the first one, code each of the visits separately.

### Specific Coding Instructions

Please read the following section very carefully. However thorough we try to be, we cannot foresee all possible problems in reporting cases for NEISS. If you have any questions, your Commission Representative will be very glad to help you. The CPSC toll-free number is: 1-800-638-8095. There is a section for each of the variables to be reported:

- Date of Treatment
- Case Number
- Age of Patient
- Gender of Patient
- Diagnosis
- Body Part Affected
- Disposition of Case
- Product(s) Mentioned
- Whether Intentionally Inflicted
- Incident Locale
- Fire Involvement
- Whether Work-Related
- Race and Ethnicity
- Other Race and/or Ethnicity
- Comments

### Medical Information Codes

**Date of Treatment**

(8 spaces)

Code the date on which the patient was seen for treatment.

Use four digits for the year and two digits each for the month and day, in that order. Whenever the month or day is 1 digit (1-9), add a zero in front of the number, i.e., 1 becomes 01, 2 becomes 02, etc.

*Examples:*
<table>
<thead>
<tr>
<th>Date of Treatment</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>July 17, 2000</td>
<td>20000717</td>
</tr>
<tr>
<td>November 3, 2001</td>
<td>20011103</td>
</tr>
<tr>
<td>December 20, 2000</td>
<td>20001220</td>
</tr>
<tr>
<td>March 12, 2005</td>
<td>20050312</td>
</tr>
</tbody>
</table>

**Case Number**

(8 spaces)

Each case treated on a specific date must have a unique record number for NEISS.

If your hospital uses fewer than eight digits for its emergency department (ED) record or case numbers, use zeros IN FRONT of the number.

*Example:*

<table>
<thead>
<tr>
<th>ED Case number</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>12345</td>
<td>00012345</td>
</tr>
</tbody>
</table>

If your hospital uses more than eight digits for its case numbers, code only the LAST eight digits.

*Example:*

<table>
<thead>
<tr>
<th>ED Case number</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>956781234</td>
<td>56781234</td>
</tr>
</tbody>
</table>

Do not code any letters of the alphabet, which may appear in your hospital's case number. Substitute zeros for any letters.

*Example:*

<table>
<thead>
<tr>
<th>ED Case number</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>EA123456</td>
<td>00123456</td>
</tr>
</tbody>
</table>

**Age of patient**

(3 spaces)

For children under two years old, record the age in months. To show that the age is in months instead of years, put a "2" in the first space of the age code. Code the age of infants in "completed months;" e.g., code the age of infants who are four to seven weeks old as one month. Code the age of infants who are less than one month old as one month.

*Examples:*

<table>
<thead>
<tr>
<th>Age</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Three weeks</td>
<td>201</td>
</tr>
<tr>
<td>Four weeks (one month)</td>
<td>201</td>
</tr>
<tr>
<td>Seven weeks</td>
<td>201</td>
</tr>
</tbody>
</table>
Ten weeks   202
Nine months  209
Twelve months (one year)  212
Eighteen months  218

For a patient two years of age or older, record age in years. Use zeros in front when needed.

**Examples:**

<table>
<thead>
<tr>
<th>Age</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Two years</td>
<td>002</td>
</tr>
<tr>
<td>Eight years</td>
<td>008</td>
</tr>
<tr>
<td>Forty-five years</td>
<td>045</td>
</tr>
<tr>
<td>One hundred years</td>
<td>100</td>
</tr>
<tr>
<td>Not recorded</td>
<td>000</td>
</tr>
</tbody>
</table>

**Gender of Patient**

(1 space)

Indicate the gender of the patient with one of the codes listed below:

<table>
<thead>
<tr>
<th>Gender</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>1</td>
</tr>
<tr>
<td>Female</td>
<td>2</td>
</tr>
<tr>
<td>Not recorded</td>
<td>0</td>
</tr>
</tbody>
</table>

**Diagnosis**

(2 spaces)

The diagnosis codes are listed in the table which follows. Use the attending physician's diagnosis to determine the nature of an injury. If the attending physician's diagnosis is missing, use diagnostic information provided by another physician, physician's assistant or nurse to select the appropriate code. If the record contains no diagnosis by medical personnel, review the patient's complaint and the treatment given to arrive at the most logical diagnosis.

However, do not assume that the diagnostic words used at your hospital are always the appropriate words for a NEISS diagnosis. Carefully review the NEISS rules for coding the specific types of diagnoses that follow to learn how to interpret and report selected incidents. For example, the physician's diagnosis may be "ingested 15 iron supplement pills." For NEISS, the diagnosis is "poisoning." A word such as "anoxia" may be stated in the ED record when the victim has inhaled fumes from bleach. Again, the NEISS code for this is "poisoning" (inhaled vapors, fumes or gases) according to the definitions below. Use all appropriate medical information available together with your understanding of the NEISS diagnosis reporting rules to code the injury diagnosis for NEISS. Of course do not hesitate to call your NEISS representative whenever you have a question on coding.

When more than one diagnosis appears on the emergency department record, code the one that seems to be the most severe. Others should be noted in the Comments.
Since we are especially concerned with injuries to children, if there was a *poisoning or chemical burn* to a child under 5 years from a product which is not listed in the Coding Manual, report the case using product code 5555.

Appendix B contains additional diagnosis cross references
<table>
<thead>
<tr>
<th>Diagnosis</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amputation</td>
<td>50</td>
</tr>
<tr>
<td>Anoxia</td>
<td>65</td>
</tr>
<tr>
<td>Aspirated foreign object</td>
<td>42</td>
</tr>
<tr>
<td>Avulsion</td>
<td>72</td>
</tr>
<tr>
<td>Burns, scald (from hot liquids or steam)</td>
<td>48</td>
</tr>
<tr>
<td>Burns, thermal (from flames or hot surface)</td>
<td>51</td>
</tr>
<tr>
<td>Burns, chemical (caustics, etc.)</td>
<td>49</td>
</tr>
<tr>
<td>Burns, radiation (includes all cell damage by ultraviolet, x-rays, microwaves, laser beam, radioactive materials, etc.)</td>
<td>73</td>
</tr>
<tr>
<td>Burns, electrical</td>
<td>46</td>
</tr>
<tr>
<td>Burns, not specified</td>
<td>47</td>
</tr>
<tr>
<td>Concussions</td>
<td>52</td>
</tr>
<tr>
<td>Contusions, Abrasions</td>
<td>53</td>
</tr>
<tr>
<td>Crushing</td>
<td>54</td>
</tr>
<tr>
<td>Dental injury</td>
<td>60</td>
</tr>
<tr>
<td>Dermatitis, Conjunctivitis</td>
<td>74</td>
</tr>
<tr>
<td>Dislocation</td>
<td>55</td>
</tr>
<tr>
<td>Electric shock</td>
<td>67</td>
</tr>
<tr>
<td>Foreign body</td>
<td>56</td>
</tr>
<tr>
<td>Fracture</td>
<td>57</td>
</tr>
<tr>
<td>Hematoma</td>
<td>58</td>
</tr>
<tr>
<td>Hemorrhage</td>
<td>66</td>
</tr>
<tr>
<td>Ingested foreign object</td>
<td>41</td>
</tr>
<tr>
<td>Internal organ injury</td>
<td>62</td>
</tr>
<tr>
<td>Laceration</td>
<td>59</td>
</tr>
<tr>
<td>Nerve damage</td>
<td>61</td>
</tr>
<tr>
<td>Poisoning</td>
<td>68</td>
</tr>
<tr>
<td>Puncture</td>
<td>63</td>
</tr>
<tr>
<td>Strain or Sprain</td>
<td>64</td>
</tr>
<tr>
<td>Submersion (including Drowning)</td>
<td>69</td>
</tr>
<tr>
<td>Other</td>
<td>71</td>
</tr>
<tr>
<td>Not recorded</td>
<td>70</td>
</tr>
</tbody>
</table>
Definitions of Selected Diagnoses

- **ANOXIA**: Use code 65, Anoxia, when the patient cannot obtain sufficient oxygen, either due to hampered breathing or lack of oxygen itself. Code anoxia when:

  1. The diagnosis is strangulation, suffocation or asphyxia.
  2. The patient has inhaled products of combustion, such as carbon monoxide (CO), smoke, soot, etc. (e.g. from a house fire, heating appliance or camping equipment).

- **ASPIRATED FOREIGN OBJECT**: Use code 42, Aspirated foreign object, when an object causes choking or is caught in the nose, lungs or the airways in between the nose and the lungs. The object must be one that does not dissolve and does not lead to poisoning or anoxia (inability to obtain oxygen). Examples of such objects are thumbtacks, beads and miniature light bulbs. If the aspirated object causes a poisoning reaction, use code 68, Poisoning.

- **BURN INJURIES**: Try to get information about the kind of burn (chemical, electrical, scald, thermal, radiation). If the attending physician's diagnosis is inadequate, one can sometimes deduce the type of burn from the kind of incident and product(s) involved.

<table>
<thead>
<tr>
<th>Scenario</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Patient burned when hot water spilled onto</td>
<td>48, Scald</td>
</tr>
<tr>
<td>his arm.</td>
<td>burn</td>
</tr>
<tr>
<td>Contact with acids, alkalies or caustics.</td>
<td>49, Chemical burn</td>
</tr>
<tr>
<td>Chemical ignited causing injury from resulting</td>
<td>51, Thermal burn</td>
</tr>
<tr>
<td>flames.</td>
<td></td>
</tr>
<tr>
<td>Burns from flammable liquids (gasoline,</td>
<td>51, Thermal burn</td>
</tr>
<tr>
<td>kerosene or lighter fluid) which ignited.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

  *Note: For thermal burns, indicate in the Comments if the burn came from flames or a hot surface.*

  | Burns from arcing, electrical products        | 46, Electric burn |
  |                                              |                |
  | Burn/cell damage by radiation, ultraviolet   | 73, Radiation   |
  | microwaves, laser                            | burn           |
beams or radioactive materials.

- **Burn caused by exposure to lamp**: 73, Radiation burn
- **Burn caused by touching the hot surface of lamp**: 51, Thermal burn
- **Pulmonary burns**: 62, Internal organ injury

- **CHOKING**: If the **ONLY** diagnosis is "choking" and the Object that caused it is insoluble (e.g., a toy) or semi-soluble (e.g., putty), code 42, Aspirated foreign object.

- **INGESTED FOREIGN OBJECT**: Use code 41, Ingested foreign object, only when BOTH of the following conditions are met:
  1. The patient has swallowed an insoluble, solid object; that is, an item that will not dissolve in liquid, and
  2. the swallowed object is not likely to cause poisoning.

Some commonly swallowed objects are coins, toy parts, buttons, nails, crayons. The foreign object may or may not have lodged somewhere inside the body.

- **POISONING**: Code 68, Poisoning, should be used when a patient:
  1. Swallowed either a liquid or soluble chemical or drug/medication. (Chemicals that may cause poisoning include liquids such as furniture polish, bleach, lighter fluid, paint, gasoline and alcohol. Poisoning can also be caused by such non-liquid household substances as charcoal, powder detergents, toilet bowl cleaning tablets, spackling compounds and solid room deodorizers. These substances dissolve in liquid.)
  2. Inhaled vapors, fumes or gases (e.g. from chemicals, cleaners or fuels). (Exception: vapors from carbon monoxide (CO) and smoke from fires are coded as Anoxia.)

- **OTHER**: If none of the listed diagnoses in Appendix B is appropriate, use code 71, Other. However, whenever you use diagnosis code 71, Other. However, whenever you use diagnosis code 71, please record the actual diagnosis in the COMMENTS.
Body Part

Use the codes in the table which follows for the body part affected Affected in the product related incident. Also see Appendix C. The body part diagram in Appendix D will help you visualize more clearly the boundaries of such parts as lower trunk, upper arm, etc.

In general, if an injury affects more than one body part, code the body part that seems to be most seriously hurt. Then, mention other body parts in the Comments.

Occasionally, a report will say "Lacerations to the right side," where many body parts are involved but none is specifically mentioned. In such a case you may use body part code 84, 25-50% of body or body part code 85, All parts of body (more than 50% of body).

Special rules for back injuries, burn injuries, eye injuries, head injuries and injuries which affect the entire body are discussed in the section which follows the body part table.
<table>
<thead>
<tr>
<th>Body Part Affected</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arm, lower (not including elbow or wrist)</td>
<td>33</td>
</tr>
<tr>
<td>Arm, upper</td>
<td>80</td>
</tr>
<tr>
<td>Ankle</td>
<td>37</td>
</tr>
<tr>
<td>Ear</td>
<td>94</td>
</tr>
<tr>
<td>Elbow</td>
<td>32</td>
</tr>
<tr>
<td>Eyeball</td>
<td>77</td>
</tr>
<tr>
<td>Face (including eyelid, eye area and nose)</td>
<td>76</td>
</tr>
<tr>
<td>Finger</td>
<td>92</td>
</tr>
<tr>
<td>Foot</td>
<td>83</td>
</tr>
<tr>
<td>Hand</td>
<td>82</td>
</tr>
<tr>
<td>Head</td>
<td>75</td>
</tr>
<tr>
<td>Internal (use with aspiration and ingestion)</td>
<td>00</td>
</tr>
<tr>
<td>Knee</td>
<td>35</td>
</tr>
<tr>
<td>Leg, lower (not including knee or ankle)</td>
<td>36</td>
</tr>
<tr>
<td>Leg, upper</td>
<td>81</td>
</tr>
<tr>
<td>Mouth (including lips, tongue and teeth)</td>
<td>88</td>
</tr>
<tr>
<td>Neck</td>
<td>89</td>
</tr>
<tr>
<td>Pubic region</td>
<td>38</td>
</tr>
<tr>
<td>Shoulder (including clavicle, collarbone)</td>
<td>30</td>
</tr>
<tr>
<td>Toe</td>
<td>93</td>
</tr>
<tr>
<td>Trunk, lower</td>
<td>79</td>
</tr>
<tr>
<td>Trunk, upper (not including shoulders)</td>
<td>31</td>
</tr>
<tr>
<td>Wrist</td>
<td>34</td>
</tr>
<tr>
<td>25-50% of body</td>
<td>84</td>
</tr>
<tr>
<td>All parts of body (more than 50% of body)</td>
<td>85</td>
</tr>
<tr>
<td>Not recorded</td>
<td>87</td>
</tr>
</tbody>
</table>
Discussion of Body Part Affected for Selected Injuries

- **BACK INJURIES**: For a diagnosed back injury, if possible determine whether the upper back (upper trunk/thoracic vertebrae), code 31, or lower back (lower trunk/lumbar vertebrae), code 79, was involved and code accordingly. Use the waist or navel as the dividing line to differentiate between upper and lower trunk. If the diagnosis simply says "Back injury," use code 31, Upper trunk.
  
  (Note: For cervical vertebrae, use Neck, code 89.)

- **BURN INJURIES**:
  1. If only one body part was injured, code that body part.
  2. For burns involving up to 25% of the body, code the most severely burned body part.
  3. For burns covering 25% to 50% of the body, use code 84.
  4. For burns covering more than 50% of the body surface, use code 85.

- **EYE INJURIES**:
  1. For injuries to eyelids, eyebrows, or the area immediately around the eyes, use code 76, Face.
  2. For an injury to the eye itself, use code 77, Eyeball.

- **HEAD INJURIES**: If the ED record gives no specific (NEISS) diagnosis (laceration, concussion, etc.), but says "head trauma," "closed head injury" or "blunt head injury," use Diagnosis code 62, Internal organ injury and mention the exact ED record injury wording in the Comments.
• **INJURY DIAGNOSES AFFECTING THE ENTIRE BODY:**

As shown below, four diagnoses must ALWAYS be accompanied by body part code 85, All parts of body, in the body part spaces. In addition, two other diagnoses MUST be accompanied by body part code 00, Internal. These diagnoses are:

<table>
<thead>
<tr>
<th>Diagnosis</th>
<th>Code</th>
<th>Body Part Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anoxia</td>
<td>65</td>
<td>85</td>
</tr>
<tr>
<td>Electric shock</td>
<td>67</td>
<td>85</td>
</tr>
<tr>
<td>Poisoning</td>
<td>68</td>
<td>85</td>
</tr>
<tr>
<td>Submersion (incl. drowning)</td>
<td>69</td>
<td>85</td>
</tr>
<tr>
<td>Aspirated foreign object</td>
<td>42</td>
<td>00</td>
</tr>
<tr>
<td>Ingested foreign object</td>
<td>41</td>
<td>00</td>
</tr>
</tbody>
</table>

**Disposition of Case**

Use the codes given below to indicate the disposition of the case from the emergency department.

<table>
<thead>
<tr>
<th>Disposition</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Treated and released, or examined and released without treatment</td>
<td>1</td>
</tr>
<tr>
<td>Treated and transferred to another hospital</td>
<td>2</td>
</tr>
<tr>
<td>Treated and admitted for hospitalization (within same facility)</td>
<td>4</td>
</tr>
<tr>
<td>Held for observation</td>
<td>5</td>
</tr>
<tr>
<td>Fatality, including DOA, died in the ED</td>
<td>8</td>
</tr>
<tr>
<td>Not recorded</td>
<td>9</td>
</tr>
</tbody>
</table>

**NOTE:** Also use code 1 when the patient is not hospitalized, but transferred for treatment to another department of the same facility.
Products Involved (4 spaces for each of 2 product codes)

Please work closely with hospital emergency department staff to see that emergency department records mention all products involved in reported injuries.

The PC-NEISS program provides two 4-digit spaces for coding up to two products involved in an injury. Consult the alphabetic product code listing and select the most appropriate product code(s). We believe that all consumer products can be classified using the codes in the alphabetical index. However, if you need assistance in deciding on the correct coding of a case, use 9999 or call your NEISS representative for assistance. Your NEISS representative will call or send a message back to you providing guidance on how to code the case.

If no product is mentioned in the ED record, use product code 7878. If a (non-consumer) product is mentioned in the ED record, but you cannot find an appropriate code in the alphabetic index, use product code 7878. If a case also mentions a second product that is a codeable consumer product, code only the consumer product. When using product code 7878, always use 0000 in the second product position.

When only one product is associated with an injury, place the product code for that product in the space allocated for "First Product Code" and fill in the "Second Product Code" spaces with 4 zeros (0000).

When two products are associated with an injury, either product may be coded as the first product and the other as the second product.

Example: An 11-year old boy riding a bicycle ran into a parked motor vehicle.

Code: Product 1 = 5040 (bicycle) and Product 2 = 1901 (motor vehicle) or 
Code: Product 1 = 1901 (motor vehicle) and Product 2 = 5040 (bicycle)

Exception: When two products involved in an incident are the same product, do not code a second product; simply fill in the "Second Product Code" spaces with zeros. For example, if two skateboard riders collide, code skateboard, 1333, for the first product and 0000 for the second product.

Product Information Needed

Whenever possible, report specific products rather than general types of products; for example: electric oven, electric scissors.

As another example, try to learn whether an injury from a saw involved a chain saw, a portable circular saw, a radial arm saw, a hand saw, a saber saw, etc.

To get such detailed information, coders should continually encourage hospital admissions clerks, nurses and physicians to record specific product detail. If you cannot get this kind of detail, at least try to emphasize the need to know whether the product was powered or motorized (gas, electric) or unpowered or manual (e.g. power saw vs. hand saw).

If a product is not specified as "electric," "powered," or "motorized," do not assume it is. Use the "Not otherwise specified" code or if there is none, then you may use the code for the manual product.

Assignment

July 1, 2000

The product code section of this manual provides an alphabetical
of Product Code

listing of products and their corresponding NEISS product code numbers. When product code names include more than one product, there is an alphabetic listing for each product.

Example:

**Bedspreads, throws or comforters** .................................................. **0667**

is also listed as

**Comforters**

*Use:* Bedspreads, throws or comforters ................................................. **0667**

and

**Throws**

*Use:* Bedspreads, throws or comforters ............................................... **0667**

In addition, the alphabetic list also includes products that are similar to the coded products but whose names are not part of the title.

Example:

**Afghans**

*Use:* Bedspreads, throws or comforters ............................................... **0667**

**Handbags**

*Use:* Clothing accessories.................................................................... **1647**

Specific Product Codes

Consult the alphabetic NEISS Product Codes section of the Coding Manual for the specific product code. When words such as electric, gas, portable are used in the ED record, first look up the product itself. For example, look up "Saws" rather than "Power saws," and look up "Blankets" rather than "Electric blankets."

When more than one code exists for a particular type of product you are directed to choose among the various eligible codes, as shown below for pillows:

Example:

**Pillows**

*Choose among:*

Pillows (excl. water pillows) .................................................................. **4050**

Waterbeds or water pillows .................................................................... **0662**

"Other" The code for Other named products, as in "Other baby carriers,"
Products in a Category

For example, is used only when the ED record identifies a specific product, but there is no code given for that particular product.

**Examples:**

<table>
<thead>
<tr>
<th>Product code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Portable infant seat</td>
</tr>
<tr>
<td>Dining room chair</td>
</tr>
</tbody>
</table>

(There is no code under "Chairs" for that particular type of chair.)

When you select a product code with the "Other" in the title, please describe the particular product in the Comments.

"Not Specified"

Product in a Category

If there is no description of the product to help you choose a specific code or an "Other" code, you may have to use a "Not specified" code. Not all product groups have a "Not specified" code. In those cases, choose the best code from among those listed.

**Example:**

**Soldering irons**

Choose among:

- Electric soldering equipment .......................................................... 0866
- Nonelectric soldering equipment ................................................... 0868

If type of soldering equipment is not specifically identified,

Use: Soldering equipment, not specified ........................................ 0859

Also consider," a direction that accompanies many codes, suggests other products or groups of products that are related to the one already under consideration. Consider which most appropriately describes the product.

**Examples:**

**Bottle openers** .......................................................... 0422

Also consider:

Can openers

Adult games

Choose among:

- Video or electronic games
  
  Use: Computers (equipment and electronic games) ......................... 0557

- Toys, not elsewhere classified ................................................ 5004

Also consider:

Sports

Products excluded from a particular code are listed in parentheses immediately following the code title. These products appear...
from a Code elsewhere in the alphabetic list with their own separate code numbers.

Example:

Manual cleaning equipment (excl. buckets or pails) ....................... 0480

The entry for manual cleaning equipment indicates that there is a separate entry for buckets or pails. This entry is shown below as it appears in the alphabetic list.

Buckets or pails ............................................................... 1143

Products Included in a Code

Unless a product code title has qualifying words or phrases, it includes all varieties of that product with the exception of toys. For example, "Televisions" includes all sizes, black and white, color, free-standing and cabinet models.

Product Parts

For injuries involving only a particular part or component of a product, code the product as a whole. If the source product is not stated (e.g., pieces of glass, metal, wood, plastic, etc.), use code = 7878, no product involved/other product involved.

<table>
<thead>
<tr>
<th>Scenario</th>
<th>Product Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Injury from wringer on a washing machine</td>
<td>0102, Wringer machine</td>
</tr>
<tr>
<td>Injury from handlebars of bicycle</td>
<td>5040, Bicycles or accessories (excl. mountain or all-terrain bicycles)</td>
</tr>
<tr>
<td>Injured on piece of broken glass</td>
<td>7878, No product involved</td>
</tr>
<tr>
<td>Injured on piece of broken glass from a storm door with glass panels</td>
<td>1823, Storm doors</td>
</tr>
</tbody>
</table>

Toys

A product is considered a toy only if it is specifically described as a toy (e.g., play money, toy watch, toy car, etc.), or if you can clearly assume from the information recorded that the product is a toy.

<table>
<thead>
<tr>
<th>Scenario</th>
<th>Product Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Child lacerated his leg while digging in the yard at home with a shovel</td>
<td>1403, Other unpowered tools</td>
</tr>
<tr>
<td>Child fell and cut lip while playing in the yard at nursery school with a toy shovel explicitly states &quot;toy&quot;) classified</td>
<td>5004, Toys, not elsewhere record</td>
</tr>
</tbody>
</table>
2-year old child lacerated hand on miniature plastic shovel obtained in cereal box; occurred in sandbox at neighbor’s home (assume toy shovel from information given in ED record)

Sports and Games

The phrase "activity, apparel or equipment" accompanying sports codes means that any apparel or equipment contributing to an injury during a game or sport is coded as part of the product code for that sport. In addition, please specify in the Comments the item of apparel or equipment, e.g., football helmet, tennis racquet, ski binding, etc.

However, if apparel or equipment is not mentioned, but the activity or sport is specified, report the case, using the product code for the sport.

<table>
<thead>
<tr>
<th>Scenario</th>
<th>Product Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scalp lacerated by thrown tennis racquet at school</td>
<td>3284, Tennis (activity, apparel or equipment)</td>
</tr>
<tr>
<td>Sprained ankle playing tennis at the recreation center</td>
<td>3284, Tennis (activity, apparel or equipment)</td>
</tr>
</tbody>
</table>

Poisoning or Chemical Burns to Children

When coding poisoning cases and chemical burns for children under 5 years of age, if the product is not a consumer product, or if the product is unknown, and you cannot locate an appropriate product code in the alphabetic listing, report the case using product code 5555.

"New" Product Codes for Consumer Products Not Found in Manual

If you believe a case involves a consumer product, but you cannot determine an appropriate product code, or you have a coding question about any case and are not able to discuss the case with your NEISS representative, you may use code 9999 temporarily. NEISS Headquarters staff will review these cases and determine whether 1) a current NEISS product code can be used, or 2) a new product code should be added to the Manual. In either case, your NEISS representative will contact you after reviewing the case.

No Product Involved, or Product Not Listed

Use product code 7878 in the first product position if a product is unknown or not mentioned, or if the product mentioned is not a consumer product (for example, sidewalks or driveways). If a case also mentions a second product that is a consumer product, code only the consumer product.
When using product code 7878, always use 0000 in the second product position.

<table>
<thead>
<tr>
<th>Scenario</th>
<th>Product Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fell off bike and lacerated knee on sidewalk</td>
<td>5040, Bicycles or accessories (excl mountain or all-terrain bikes)</td>
</tr>
<tr>
<td>Fell on driveway and fractured hip</td>
<td>7878, Other product/no product involved</td>
</tr>
</tbody>
</table>

**Product Coding for Special Types of Incidents**

Listed below are some situations which require special coding treatment.

### Flammable Fabrics

If a burn or smoke inhalation injury results directly from a flammable fabric, code (up to) two products involved by coding:

- The source of the fire (such as stove, portable room heater, camping lantern, or other fire-causing item), and
- The first item to ignite (such as blanket, clothing, draperies, slipcover, etc.)

Remember, for NEISS it does not matter which item is coded the first product or the second product.

In the field labeled "Fire", enter code 1, 2 or 3 to indicate that a fire and/or smoke inhalation was involved. (See the section on Fire Involvement.)

### House Fires

In the case of a house fire and/or smoke inhalation where no specific product is identified, use product code 1866 (General home or room involvement in fires) as the first product code. Use this code, for example, when the emergency department record describes the incident as "house fire" or "fire in the basement" and no other information is available. If there is a house fire and a specific consumer product is identified, code the specific consumer product only. If the fire involved an out of scope product (denoted by an underlined product code in the coding manual), code both 1866 and the out of scope product.

<table>
<thead>
<tr>
<th>Scenario</th>
<th>Product Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>House fire</td>
<td>1866 General room involvement in fire</td>
</tr>
<tr>
<td>Kitchen fire started on 0259 Electric ranges electric range</td>
<td>1866 General room involvement in fire and 1913 Food</td>
</tr>
<tr>
<td>Food fire in kitchen</td>
<td>1866 General room involvement in fire 1913 Food</td>
</tr>
</tbody>
</table>

---

July 1, 2000
Enter code 1, 2 or 3 in the "Fire" column to show that a fire and/or smoke inhalation was involved. If known, state the particular room involved (e.g. bathroom, living room) in the COMMENTS whenever product code 1866 is used.

**Product Fires**

A product fire can be extensive (fire/flames) or limited (with smoldering/smoke). Code the specific product(s) involved.

Enter code 1, 2 or 3 under the "Fire" column to indicate that a fire and/or smoke inhalation was involved.

**Hot Water**

When an injury involves hot water, code the source of the water (e.g., teakettle, sink, bathtub, etc.) as one product and use 1934, Hot water, as the other product code.

<table>
<thead>
<tr>
<th>Scenario</th>
<th>Product Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Child scalded by hot water spilled from a teapot</td>
<td>0453, Coffee maker or teapots, not specified</td>
</tr>
<tr>
<td>Child scalded by hot water in the shower</td>
<td>0611, Bathtubs or showers</td>
</tr>
<tr>
<td></td>
<td>1934, Hot water</td>
</tr>
</tbody>
</table>

*Note: If there is no specific product information for a hot water injury, code 1934, Hot water, as the "First Product" and fill in the "Second Product" code spaces with zeros.*

**Other Codeable Information**

**Whether Injury was Intentionally Inflicted (1 space)**

An intentional injury or poisoning is one that is inflicted with the aim of injuring or killing. The injury may be either one that was inflicted by one person on another, or one that was self-inflicted. Use one of the four categories below to indicate whether the injury resulted from a confirmed or suspected intentional act (e.g. assaults, self-inflicted injuries, and injuries related to law enforcement activities - Codes 1, 2, & 3) or an unintentional act, including acts of unknown/undetermined intent (Code 0).

<table>
<thead>
<tr>
<th>Injury Intent</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assault / intentional injury (confirmed or suspected)</td>
<td>1</td>
</tr>
<tr>
<td>Self-inflicted injury including suicide or suicide attempt (confirmed or suspected)</td>
<td>2</td>
</tr>
<tr>
<td>Injury related to legal intervention (due to law enforcement activity)</td>
<td>3</td>
</tr>
</tbody>
</table>
Definitions of these categories and some examples follow:

**Injury Intent**

<table>
<thead>
<tr>
<th>Code</th>
<th>Injury Intent</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Assault/intentional injury</td>
</tr>
</tbody>
</table>

Includes all confirmed or suspected cases of injuries and poisonings inflicted by one person on another person regardless of the age of the victim, involvement of a product, or occurrence on the job. This would include intended and unintended victims of violent acts. Also included are injuries resulting from civil disorders and other conflict situations (e.g. riots, strikes, terrorist activities, etc.).

*Includes:*
- victim of fight
- innocent bystander shot in drive by incident
- perpetrator stabbed by store clerk during robbery
- victim of rape or other sexual assault
- injured protest march participant

*Excludes:*
- accidental shooting victim *(code as 0)*
- accidental drug overdose victim *(code as 0)*
- teenager injured while horsing around *(code as 0)*
- child shot playing with BB gun *(code as 0)*
- victim attacked by dog *(code as 0)*

**Self inflicted injury**

Includes suicides and suicide attempts, both confirmed and suspected, where the medical record indicates that the person was trying to take their life. Also includes a deliberate violent act inflicted on oneself with the intent to harm oneself.

*Includes:*
- self-inflicted gunshot wound to the head
- slashing of wrists in suspected suicide incident
- self-mutilation

*Excludes:*
- injury associated with excessive alcohol intake at party *(code as 0)*
- teenager hitting wall with fist when upset with mom *(code as 0)*

**Legal intervention**

Includes injuries or poisonings caused by police or other legal authorities during law enforcement activities.
Includes:

- burglar shot by police
- demonstrator sprayed with tear gas or pepper spray by police
- suspect injured by police baton while being arrested

Excludes:

- police injured someone, but not in the line of duty (code as 1)
- police injured spouse or partner during domestic dispute (code as 1)

Unintentional (accidental) or unknown intent................................. 0

Includes all injuries and poisonings not inflicted by deliberate means including incidents described as "accidents" regardless of who inflicted the injury. Also includes cases where the emergency department record contains no indication of intent.

Includes:

- 8 year old accidentally shot self with handgun
- painter fell off of ladder and fractured foot
- 80 year old experienced adverse reaction to prescribed drug
- driver of motor vehicle rear ended at stop light

To show where the incident happened, use one of the codes given below:

<table>
<thead>
<tr>
<th>Incident Locale</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Home</td>
<td>1</td>
</tr>
<tr>
<td>Farm/Ranch</td>
<td>2</td>
</tr>
<tr>
<td>Street or highway</td>
<td>4</td>
</tr>
<tr>
<td>Other public property</td>
<td>5</td>
</tr>
<tr>
<td>Manufactured (Mobile) home</td>
<td>6</td>
</tr>
<tr>
<td>Industrial place</td>
<td>7</td>
</tr>
<tr>
<td>School</td>
<td>8</td>
</tr>
<tr>
<td>Place of recreation or sports</td>
<td>9</td>
</tr>
<tr>
<td>Not recorded</td>
<td>0</td>
</tr>
</tbody>
</table>

Some examples of specific incident sites covered under each NEISS incident locale code follow:
<table>
<thead>
<tr>
<th>Locale</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Home (house, townhouse, apartment, etc.)</td>
<td>1</td>
</tr>
<tr>
<td>Includes:</td>
<td></td>
</tr>
<tr>
<td>• Patient's own home</td>
<td></td>
</tr>
<tr>
<td>• Someone else's home</td>
<td></td>
</tr>
<tr>
<td>• Rooms inside a home</td>
<td></td>
</tr>
<tr>
<td>• Porch or patio of a home</td>
<td></td>
</tr>
<tr>
<td>• Yard or garden of a home</td>
<td></td>
</tr>
<tr>
<td>• Garage of a home</td>
<td></td>
</tr>
<tr>
<td>• Driveway of a home</td>
<td></td>
</tr>
<tr>
<td>• Sidewalk of a house</td>
<td></td>
</tr>
<tr>
<td>• Farmhouse</td>
<td></td>
</tr>
</tbody>
</table>

| Farm/Ranch                    | 2    |
| Includes:                     |      |
| • Land, pasture, farm         |      |
| • Barn or other outbuilding   |      |

Does not include: Farmhouse or driveway, yard, garden, etc., immediately surrounding a farmhouse. (See code for Home.)

| Street or highway             | 4    |
| Includes:                     |      |
| • Highway                     |      |
| • Alley                       |      |
| • Road (paved, unpaved, etc.) |      |
| • Public thoroughfare of any kind |    |

| Other public property         | 5    |
| Includes:                     |      |
| • Store                       |      |
| • Office building             |      |
| • Restaurant                  |      |
| • Church                      |      |
| • Hotel or motel              |      |
| • Hospital, nursing home, other medical facility | |
| • Adult day care facility     |      |
| • Nightclub                   |      |
| • Theater                     |      |
| • Other public property       |      |
Manufactured (Mobile) home........................................................... 6

Industrial place .......................................................................... 7

Includes:
• Factory
• Railway yard
• Warehouse
• Loading platform of factory or store
• Construction site

School ....................................................................................... 8

Includes:
• Children's day care facilities and all types of schools: nursery, elementary, high school, college, business school, etc.

Place of recreation or sports ....................................................... 9

Includes:
• Bowling alley
• Amusement park
• Sports fields or stadiums
• Lake, mountain, or beach resort
• Park, beach, or recreation area (including water)

Not recorded ................................................................................ 0

• Locale not stated on emergency department record

Fire Involvement
(1 Space)

Use the following codes to show whether the incident involved fire or smoke.

Whenever "smoke inhalation" is the diagnosis/complaint, also use the appropriate code for fire. For a fire, that was attended by the Fire Department, use code 1. For a fire, that was not attended by the Fire Department, use code 2. For a fire where Fire Department attendance is not recorded, use code 3.

<table>
<thead>
<tr>
<th>Fire Involvement</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire involvement and/or smoke inhalation - Fire Dept. attended</td>
<td>1</td>
</tr>
<tr>
<td>Fire involvement and/or smoke inhalation - Fire Dept. did not attend</td>
<td>2</td>
</tr>
<tr>
<td>Fire involvement and/or smoke inhalation - Fire Dept. attendance is not recorded</td>
<td>3</td>
</tr>
<tr>
<td>No fire involvement or fire involvement is not recorded</td>
<td>0</td>
</tr>
</tbody>
</table>
Use this variable to indicate that an *injury or illness* occurred while the victim was involved in a work-related activity.

### Work-Related

<table>
<thead>
<tr>
<th>Work-Related</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not recorded</td>
<td>0</td>
</tr>
<tr>
<td>Work-related; occurred on the job (excluding active military duty)</td>
<td>1</td>
</tr>
<tr>
<td>Not work-related; did not occur on the job</td>
<td>2</td>
</tr>
<tr>
<td>Work-related; active military duty</td>
<td>3</td>
</tr>
</tbody>
</table>

### Race

Report the patient’s race as it is recorded in the emergency department record. Use “other” for the race if it is other than “white” or “black.” If the “other” race code is selected, also specify the free-text entry for race/other or ethnicity.

<table>
<thead>
<tr>
<th>Race</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>white</td>
<td>1</td>
</tr>
<tr>
<td>black</td>
<td>2</td>
</tr>
<tr>
<td>other</td>
<td>3</td>
</tr>
<tr>
<td>not stated in ED record</td>
<td>0</td>
</tr>
</tbody>
</table>

### “Other” Race or Ethnicity

If “other” is used, please specify the other race in the free text area that follows the codes. Examples of “other race” entries that may be seen in the emergency department record are:

- lacerated hand while washing dishes at the tavern
- bicyclist hit by car while delivering newspapers at 5 a.m.
- lacerated hand while washing dishes at the tavern
- bicyclist hit by car while delivering newspapers at 5 a.m.
- lacerated hand while washing dishes at the tavern
- bicyclist hit by car while delivering newspapers at 5 a.m.
- lacerated hand while washing dishes at the tavern
- bicyclist hit by car while delivering newspapers at 5 a.m.
• American Indian or Alaskan Native
• Asian or Pacific Islander
• Hispanic

Even if race entered as “white” or “black,” the entry cursor will pause on the free-text line to allow you to enter the patient’s ethnicity (e.g. “Hispanic”).

**Comments**

Every case **MUST** include descriptive comments or remarks. Enter these notes on the two lines labeled "Comment" that immediately follow the coded entries.

**Incident Sequence**

The comments should include a description of what the victim was doing when the injury occurred (sequence of events), the product involved and the locale of the incident. Quote verbatim the words actually used on the emergency department record. Refer to the ED notes of the physician, nurse and clerk for pertinent information. When “Other” is used for the diagnosis, include an explanation (i.e., actual diagnosis) in the Comments.

*Examples:*

Cleaning ear with (brand name) when cotton lodged in ear, at home.

Rubber sandals broke, victim tripped on carpet at school.

Someone stepped on his hand while tackling ball carrier in football game at high school.

**Brand Name**

Please include the brand name or manufacturer of the product associated with an injury whenever such information is available. Remarks like "doll made in Taiwan" or "English bicycle" are helpful in the absence of any other product identification.

**Product Description**

Whenever you code a product as "Other" (e.g., Other baby carriers; Furniture, other; Other drugs or medications, etc.), describe the specific product in the Comments.

<table>
<thead>
<tr>
<th>Scenario</th>
<th>Product Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Patient was hit in the eye by a dart fired from a toy cannon.</td>
<td>5001, Other toy weapons (projectile) In Comments: Dart from a toy cannon</td>
</tr>
</tbody>
</table>

A patient cut himself with a steak knife. classified

<table>
<thead>
<tr>
<th>Scenario</th>
<th>Product Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>A patient cut himself with a steak knife. classified</td>
<td>0464, Knives, not elsewhere In Comments: Cut with steak knife</td>
</tr>
</tbody>
</table>

Similarly, for products such as tableware, manual cleaning equipment, etc., specify the particular item (e.g., sugar bowl, broom) in the Comments. Product codes for
sports also require identification of the game involved as well as any equipment or apparel associated with the injury. In addition, whenever the product code is 1866 (General home or room involvement in fires), the Comments should include the room involved (such as bedroom or kitchen), if known.

**PRODUCT IDENTIFICATION CAN NEVER BE TOO SPECIFIC!**

If you are uncertain whether a given product code requires elaboration, add further detail to the Comments.

**Epidemiologic Investigations**

The Consumer Product Safety Commission conducts telephone and/or on-site interviews to obtain detailed information for selected cases. For the cases selected, the NEISS hospital coder is requested to supply the patient's name, address and telephone number.

Note that patient confidentiality is protected at all times. After an investigation has been completed, information identifying the patient is removed from CPSC's records.
NEISS PRODUCT CODES

A

Abrasive cleaners ........................................ 0953
Also consider:
Scouring pads or steel wool

Abrasive compounds, workshop
Use: Workshop compounds or chemicals................................. 0833

Acetaminophen
Use: Aspirin substitutes............................................ 1930

Acetylsalicylic acid (ASA)
Use: Aspirin or aspirin compounds............................ 1923

Acetylene torches
Use: Cutting torches............................................... 0874

Acids (excl. drain cleaners and battery acids) .......................................... 0936
Also consider:
Automotive chemicals
Caustics
Chemicals, not elsewhere classified
School laboratory chemicals

Adapters, voltage
Use: Electrical wire or wiring systems (excl. panelboards, receptacles or interrupters) ...................... 4062
Also consider:
Electrical testing equipment

Adding machines
Use: Business and office machines............. 0571

Additives, automotive
Use: Automotive chemicals (excl. antifreeze, lubricants, waxes and windshield wiper fluids) ......................... 0955

Adhesive tapes
Use: Tapes (with adhesive surfaces) ........... 0927

Adhesives (excl. tapes) ........................................ 0909
Also consider:
Glue guns

Adult games
Choose among:
Video or electronic games
Use: Computers (equipment and electronic games).......................... 0557
Toys, not elsewhere classified.......................... 5004
Also consider:
Sports

Adult "potty chairs" (portable toilets)
Use: Toilets......................................................... 0649

Aerobics
Use: Exercise (activity and apparel without equipment; incl. aerobics, stretching, walking, jogging and running (excl. track and field) .................. 3299

Aerosol containers.................................................. 1133
Always use this code (regardless of container contents) if an aerosol container contributed to the injury.
Also, code the container contents if possible.
Afghans  
*Use:* Bedspreads, throws or comforters ...........................................0667

Agricultural chemicals  
*Use:* Fertilizers and other chemicals for outdoor use (excl. pesticides) .........................1053

Agricultural equipment  
*Use:* Industrial equipment .................................................2200

Air compressors  
*If a separate unit, use:*  
Air compressors, separate ........................................0823  
*If part of a self-contained unit, use code for that product.*

Air conditioners .........................................................0381

Air conditioning/heating systems, combination  
*Use:* Heat pumps ..........................................................0365

Air fresheners or room deodorizers  
*Choose among:*  
Liquid room deodorizers or fresheners .....................................0973  
Solid room deodorizers or fresheners ........................................0974  
*If type of air freshener/room deodorizer is not specifically identified,*  
*Use:* Room deodorizers or fresheners, not specified .........................0975

Air guns  
*Use:* Gas, air or spring-operated guns (incl. BB guns) .........................1237  
*Also consider:*  
BBs or pellets

Air hammers  
*Use:* Other portable or stationary power tools .......................................0809

Air hockey / table hockey  
*Use:* Toys, not elsewhere classified ...........................................5004

Air mattresses  
*Choose among:*  
Camping equipment (excl. trailers, lighting equipment, sleeping bags, cots, hammocks, coolers, stoves and heaters) ........................................5029
Inflatable furniture .........................................................4011

Air purifiers .................................................................0307  
*Also consider:*  
Humidifiers  
Vaporizers

Air tanks (oxygen)  
*Choose among:*  
Cutting torches ..........................................................0874  
Scuba diving (activity, apparel or equipment) ........................................1275

Aircraft .................................................................1906

Airless paint sprayers  
*Use:* Painting equipment, powered (incl. sprayers, rollers or brushes) ..................0887

Airplanes .................................................................1906

Airplanes (model or toy)  
*Choose among:*  
Model airplanes .......................................................... See: Models  
Riding toy airplanes.................................................. See: Riding toys  
Toy airplanes (excl. riding toys)  
*Use:* Toys, not elsewhere classified ...........................................5004

Alarm clocks  
*Choose Among:*  
Clocks, electric or battery operated ...........................................4065  
Clocks, not electric or battery operated or not specified ..................4067
Alarms
Choose among:
- Burglar alarms ............................................ 0704
- Carbon monoxide detectors......................... 0712
- Fire or smoke alarms .................................... 0702

Albums
Use: Books, magazines, albums or scrapbooks ........................................ 4047

Alcohol
Choose among:
- Alcohol (beverage) ............................................. 1903
- Liniments or rubbing compounds ......................... 1915
- Methyl alcohol (solvent) ...................................... 0915

Alcoholic beverage bottles
Choose among:
- Glass alcoholic beverage bottles ............. 1122
- Nonglass bottles or jars (excl. baby bottles) ........................................ 1127
If type of alcoholic beverage bottle is not specifically identified,
Use: Bottles or jars, not specified ..................... 1135

All-terrain vehicles (ATVs)
Choose among:
- All-terrain vehicles (3 wheels only; exclusively off road) ........... 3285
- All-terrain vehicles (4 wheels; excl. dune buggies) ....................... 3286
- All-terrain vehicles (more than 4 wheels; excl. dune buggies) ....... 3296
- All-terrain vehicles (number of wheels not specified; excl. dune buggies) ........................................ 3287

Aluminum siding
Use: House structures and repair or construction materials, not elsewhere classified ......................... 1876

Aluminum wiring
Use: Electrical wire or wiring systems (excl. panelboards, receptacles or interrupters) ................. 4062

Ammonia
Choose among:
- Ammonia, household (cleaner) .............. 0930
- Ammonia inhalant
Use: Other drugs or medications ........................................ 1932

Ammunition
Use: Gunpowder or ammunition (excl. BBs and pellets) ............... 1935

Amplifiers
Use: Stereo or hi-fi components or accessories (excl. self-contained units) ................. 0546

Amusement attractions (incl. rides) .......... 1293
Also consider:
Playground equipment
Water slides, public (stationary amusement rides)

Andirons
Use: Fireplace equipment ......................... 0663

Angle Iron
Use: Cabinets, racks, room dividers and shelves, not elsewhere classified ......................... 4056
Animal induced injury ..................................2001
Also consider:
Insect bites or stings
Human Bites

Animal traps...................................................1432

Animals, toy
Use: Toys, not elsewhere classified ..........5004

Antenna discharge units
Use: Lightning rods or arresters,
anenna discharge units or other
grounding devices.................................0706
Also consider:
Antennas

Antennas
If antenna is attached to a product,
use the code for that product.
If antenna is unattached,
choose among:
Indoor antennas (separate) .................0558
Outdoor antennas (separate) .................0561
If type of antenna is not
specifically identified,
Use: Antennas, not specified..............0552
Also consider:
Grounding devices

Antifreeze .......................................................0966
If antifreeze came directly from
a motor vehicle:
Use: Motor vehicles or parts (licensed;
four or more wheels) .........................1901

Antihistamines ..............................................1928

Anti-plaque rinses, oral
Use: Mouthwashes or rinses
(excl. peroxide).................................1940

Antiseptic mouthwashes
Use: Mouthwashes or rinses
(excl. peroxide).................................1940

Antiseptics, other
Use: Other drugs or medications...........1932

Apartments (fire)
Use: General home or room
involvement in fires .........................1866
Use this code only for home fires
where no consumer product
Can be identified.

Appliance cords or lamp cords
If cord is attached, use code for
specified appliance or lamp.
If cord is unattached,
Use: Appliances or lamp cords,
unattached.................................0684

Appliances, other and not specified......0482

Appliances, toy
Choose among:
Electric toy irons .........................1335
Electric toy ovens .........................1334
If type of toy appliance is not
specifically identified,
Use: Toys, not elsewhere classified ...5004

Aprons
Use: Other clothing .........................1677

Aquariums or accessories..................1240
Also consider:
Terrariums

Arcade games
Choose among:
Computers (equipment
and electronic games).........0557
Toys, not elsewhere classified...............5004
<table>
<thead>
<tr>
<th>Product</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Archery</td>
<td></td>
<td>Choose among:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Archery (activity, apparel or equipment)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Toy bows or arrows</td>
</tr>
<tr>
<td>Arresters, lightning</td>
<td></td>
<td>Use: Lightning rods or arresters, antenna discharge units or other grounding devices</td>
</tr>
<tr>
<td>Arrows</td>
<td></td>
<td>Choose among:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Archery (activity, apparel or equipment)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Toy bows or arrows</td>
</tr>
<tr>
<td>Art supplies or equipment (excl. ceramics supplies and paintbrushes)</td>
<td>0564</td>
<td>Also consider:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Crayons or chalk</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Desk supplies</td>
</tr>
<tr>
<td>Artificial Christmas trees</td>
<td>1701</td>
<td></td>
</tr>
<tr>
<td>Artificial fireplace logs</td>
<td>0663</td>
<td>Use: Fireplace equipment</td>
</tr>
<tr>
<td>Artificial flowers or plants</td>
<td>0653</td>
<td></td>
</tr>
<tr>
<td>Artificial turf</td>
<td>1857</td>
<td></td>
</tr>
<tr>
<td>ASA (Acetylsalicylic acid)</td>
<td>1923</td>
<td>Use: Aspirin or aspirin compounds</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asbestos</td>
<td></td>
<td>Consult entry for particular product or Choose among:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>House structures and repair or construction materials, not elsewhere classified</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Potholders, oven mitts or hot pads</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Thermal or sound insulation materials</td>
</tr>
<tr>
<td>Ashtrays</td>
<td></td>
<td>Choose among:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ashtrays, electric or battery operated</td>
</tr>
<tr>
<td></td>
<td></td>
<td>If not specified as electric or battery operated</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Use: Ashtrays, not electric or not battery operated or not specified</td>
</tr>
<tr>
<td>Aspirators</td>
<td></td>
<td>Use: Respiratory protection devices</td>
</tr>
<tr>
<td>Aspirin or aspirin compounds</td>
<td>1923</td>
<td></td>
</tr>
<tr>
<td>Aspirin substitutes</td>
<td>1930</td>
<td></td>
</tr>
<tr>
<td>Atmospheric thermometers</td>
<td></td>
<td>Use: Thermometers (excl. medical thermometers)</td>
</tr>
<tr>
<td>Attachable high chairs (incl. booster seats)</td>
<td>1556</td>
<td>Also consider:</td>
</tr>
<tr>
<td></td>
<td></td>
<td>High chairs</td>
</tr>
<tr>
<td>Attaché cases</td>
<td></td>
<td>Use: Luggage (excl. footlockers)</td>
</tr>
<tr>
<td>Attic fans</td>
<td></td>
<td>Use: Fans</td>
</tr>
</tbody>
</table>
Attics (fire)
Use: General home or room involvement in fires ..........................1866
Use this code only for home fires where no consumer product can be identified.

ATV's. See: All-terrain vehicles

Augers
Use: Manual drills..................................................0829

Automatic doors or door openers
Choose among:
Automatic doors or door openers (excl. garage doors) .........................0137
Automatic garage doors or door openers...........................................0138

Automobiles
Use: Motor vehicles or parts (licensed; four or more wheels)....................1901

Automobiles (model or toy)
Choose among:
Model automobiles.............. See: Models
Riding toy automobiles......... See: Riding toys
Toy automobiles (excl. riding toys)
Choose among:
Electric toy racing cars or accessories ........................................1383
Toys, not elsewhere classified.............5004

Automotive supplies
Choose among:
Antifreeze .............................................................0966
If antifreeze came directly from a motor vehicle,
Use: Motor vehicles or parts (licensed four or more wheels)...........1901
Automotive chemicals (excl. antifreeze, lubricants, waxes and windshield wiper fluids) ......................0955
Automotive waxes, polishes or cleaners ........................................0978
Batteries .................................................................0884
Battery chargers ....................................................0883
Lubricants ..............................................................0913
Windshield wiper fluids ................................................0967

Awls, chisels or planes ..................................................0870

Awnings
Use: Outdoor awnings or shutters.......... 1808

Axes
Use: Hatchets or axes..............................................1426
Baby baths or bathinettles.......................... 1544

Baby bathtub seats or rings (not toys) .... 1557

Baby bottles or nipples ............................... 1509

Baby booster seats

Use: Attachable high chairs  
(incl. booster seats) ..................................... 1556

Also consider:  
High chairs  
Youth chairs

Baby bouncing seats/carriers

Use: Other baby carriers............................. 1549

Also consider:  
Baby walkers or jumpers  
Baby exercisers

Baby buggies

Use: Baby carriages.................................... 1505

Baby carriages.............................................. 1505

Baby carriers

Choose among:  
Baby carriers (bicycle-mounted).............. 1531  
Baby carriers or slings (backpacks).......... 1527  
Other baby carriers .................................. 1549

If type of baby carrier is not specifically identified,  
Use: Baby carriers, not specified............. 1548

Baby chairs or seats

Choose among:  
Baby bathtub seats or rings  
(not toys) .................................................. 1557  
Baby booster seats  
Use: Attachable high chairs  
(incl. booster seats) .................................. 1556  
Baby carriers (bicycle-mounted).............. 1531  
Youth chairs ............................................. 1518  
Car seats (for infants or children) .......... 1519

Also consider:  
Baby carriers

Baby changing tables................................. 1502

Baby exercisers .......................................... 1520

Baby food warming dishes

Use: Food warmers....................................0221

Baby gates or barriers................................. 1506

Also consider:  
Window or door security barriers

Baby harnesses .......................................... 1524

Baby jumpers

Use: Baby walkers or jumpers.................1508

Also consider:  
Baby bouncing seats/carriers  
Baby exercisers

Baby mattresses or pads (excl.  
Mattress covers or mattress pads)......... 1542

Baby monitoring devices (not medical)

Use: Radios (self-contained units;  
excl. two-way radios) .........................0555

Product Codes: Page 7  November 1, 2000
<table>
<thead>
<tr>
<th>Product</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baby rattles</td>
<td>1517</td>
</tr>
<tr>
<td>Baby scales</td>
<td>1515</td>
</tr>
<tr>
<td><strong>Baby seats or chairs</strong></td>
<td></td>
</tr>
<tr>
<td>Choose among:</td>
<td></td>
</tr>
<tr>
<td>Baby bathtub seats or rings</td>
<td>1557</td>
</tr>
<tr>
<td>(not toys)</td>
<td></td>
</tr>
<tr>
<td>Baby booster seats</td>
<td></td>
</tr>
<tr>
<td>Use: Attachable high chairs</td>
<td>1556</td>
</tr>
<tr>
<td>(incl. booster seats)</td>
<td></td>
</tr>
<tr>
<td>Baby carriers (bicycle-mounted)</td>
<td>1531</td>
</tr>
<tr>
<td>Other baby carriers</td>
<td>1549</td>
</tr>
<tr>
<td>Youth chairs</td>
<td>1518</td>
</tr>
<tr>
<td>Also consider:</td>
<td></td>
</tr>
<tr>
<td>Car seats (for infants or children)</td>
<td></td>
</tr>
<tr>
<td>Baby strollers</td>
<td>1522</td>
</tr>
<tr>
<td>Baby swings, portable (for home use)</td>
<td>1553</td>
</tr>
<tr>
<td>Baby walkers or jumpers</td>
<td>1508</td>
</tr>
<tr>
<td>Note:</td>
<td></td>
</tr>
<tr>
<td>For stationary baby activity centers</td>
<td></td>
</tr>
<tr>
<td>(non-wheeled alternatives to baby walkers)</td>
<td></td>
</tr>
<tr>
<td>Use: Baby exercisers</td>
<td>1520</td>
</tr>
<tr>
<td>Baby wipes</td>
<td></td>
</tr>
<tr>
<td>Use: Paper products (excl. bags, cups, straws and cardboard products)</td>
<td>1137</td>
</tr>
<tr>
<td>Baby wipe warmers</td>
<td></td>
</tr>
<tr>
<td>Use: Appliances, other or not specified</td>
<td>0482</td>
</tr>
<tr>
<td><strong>Badminton (activity, apparel or equipment)</strong></td>
<td>3222</td>
</tr>
<tr>
<td><strong>Bags</strong></td>
<td></td>
</tr>
<tr>
<td>Choose among:</td>
<td></td>
</tr>
<tr>
<td>Book bags or back carriers</td>
<td>5011</td>
</tr>
<tr>
<td>(excl. baby carriers, luggage and camping equipment)</td>
<td></td>
</tr>
<tr>
<td>Paper bags</td>
<td>1128</td>
</tr>
<tr>
<td>Plastic bags</td>
<td>1130</td>
</tr>
<tr>
<td>If type of bag is not specifically identified, Use: Bags, not elsewhere classified</td>
<td>1144</td>
</tr>
<tr>
<td><strong>Baggers and shredders, leaf</strong></td>
<td></td>
</tr>
<tr>
<td>Use: Leaf mulchers and grinders, powered</td>
<td>1433</td>
</tr>
<tr>
<td><strong>Balance beams</strong></td>
<td></td>
</tr>
<tr>
<td>Use: Gymnastics (activity, apparel or equipment)</td>
<td>1272</td>
</tr>
<tr>
<td><strong>Balconies</strong></td>
<td></td>
</tr>
<tr>
<td>Use: Porches, balconies, open side floors or floor openings</td>
<td>1817</td>
</tr>
<tr>
<td><strong>Ball pits</strong></td>
<td></td>
</tr>
<tr>
<td>Use: Amusement attractions (incl rides)</td>
<td>1293</td>
</tr>
</tbody>
</table>
Ball sports
See entry for balls or for specific ball sport.
If type of ball sport is specifically identified, code that sport.
If that sport does not have its own code, use:
Other ball sports (activity, apparel or equipment).......................... 3235
If type of ball sport is not specifically identified,
Use: Ball sports (activity, apparel or equipment), not specified............ 3236

Ballasts, lighting
Use: Other electric lighting equipment........................................... 4039

Balloons, toy .................................................. 1347

Balls
If ball is used in a specific sport or game, use the code for that sport or game.
Otherwise, choose among:
Beach balls
Use: Toy sports equipment..................................................... 1392
Clacker balls................................................................. 1346
Medicine balls
Use: Exercise equipment (excl. weight lifting and gymnastic equipment).................................................. 3277
Other ball sports
(activity, apparel or equipment).............................................. 3235
Toy sports equipment............................................................. 1392
If type of ball sport is not specifically identified,
Use: Ball sports (activity, apparel or equipment), not specified............ 3236
Also consider:
Toy sports equipment
Toys, not elsewhere classified

Band saws.......................................................... 0842

Bandages
Use: First-aid equipment
(excl. medications)......................................................... 1710

Bands, rubber
Use: Desk supplies (excl. pens and pencils).................................. 1650

Banisters
Use: Handrails, railings or banisters ....................... 1829

Banks, toy
Use: Toys, not elsewhere classified ............... 5004

Bar accessories
Choose among:
Bars and bar accessories (excl. gymnastic and weight lifting equipment).................................................. 4058
Corkscrews................................................................. 0416

Barbed wire
Use: Fences or fence posts ........................................... 1871

Barbeque grills
Choose among:
Charcoal or wood-burning grills ................. 3218
Electric grills.......................................................... 3229
Gas or LP grills or stoves.......................... 3248
Kerosene grills or stoves.......................... 3230
Grills or stoves, other................................. 3233
If type of grill is not specifically identified,
Use: Grills, not specified............................... 3249

Barometers
Use: Thermometers (excl. medical thermometers).......................... 0477
Barrels
Choose among:
- Metal containers (excl. aerosols, trash and gasoline cans) .................. 1112
- Plastic containers (rigid or semi-rigid, excl. bottles and jars) ................ 1123
- Wooden containers ........................................ 1125
If type of barrel is not specifically identified,
Use: Containers, not specified .................. 1141

Barrettes
Use: Hair curlers, curling irons, clips and hairpins .............................. 1682

Barriers, safety or security
Choose among:
- Baby gates or barriers ..................................... 1506
- Fences or fence posts .................................... 1871
- Window or door security barriers .................. 1888

Bars
Choose among:
- Bars (gymnastic)
  Use: Gymnastics (activity, apparel or equipment) .......................... 1272
- Bars, rods or pipes (metal)
  Use: Pipes (excl. smoking pipes) ...................... 0374
- Bars and bar accessories (excl. gymnastic and weight lifting equipment) .... 4058
Also consider:
- Counters

Barstools or kitchen stools ........................................ 4025

Baseball (activity, apparel or equipment; excl. softball) ...................... 5041
Also consider:
- Softball (activity, apparel or equipment) ............................... 5034

Baseboard heaters, electric ........................................ 0312

Basements (fire)
Use: General home or room involvement in fires ............................. 1866
Use this code only for home fires where no consumer product can be identified.

Basketball (activity, apparel or equipment) .................. 1205

Baskets
Choose among:
- Easter baskets
  Use: Seasonal decorations (excl. Christmas decorations) .............. 1714
- Laundry baskets ........................................ .. 0438
- Plastic baskets
  Use: Plastic products, not elsewhere classified .......................... 1855
- Trash baskets
  Use: Waste containers, trash baskets or refuse bins ................. 0413
- Wicker baskets
  Choose among:
    - Plastic products, not elsewhere classified ......................... 1855
    - Wooden containers ........................................ 1125
If type of basket is specified, but not listed above, use:
- Other containers (excl. vacuum or pressurized containers) .......... 1107
If type of basket is not specified, use:
- Containers, not specified ........................................ 1141

Bassinets or cradles .............................................. 1537

Bath brushes
Use: Bath or facial brushes .................................. 1678

Bath caddies
Use: Bathtubs or showers (incl. fixtures or accessories; excl. enclosures, faucets, spigots and towel racks) ....................... 0611

Bath oils
Use: Cosmetics .................................................. 1913
<table>
<thead>
<tr>
<th>Product Category</th>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bath towels</td>
<td>Towels or cloths</td>
<td>0666</td>
</tr>
<tr>
<td>Bathinettes</td>
<td>Baby baths or bathinette</td>
<td>1544</td>
</tr>
<tr>
<td>Bathrobes</td>
<td>Nightwear</td>
<td>1644</td>
</tr>
<tr>
<td>Bathroom rugs or bathmats (excl. bathtub mats)</td>
<td>Runners, throw rugs or doormats (excl. bathtub mats)</td>
<td>0612</td>
</tr>
<tr>
<td></td>
<td>Room-sized, wall-to-wall or outdoor carpeting (excl. runners)</td>
<td>0613</td>
</tr>
<tr>
<td></td>
<td>If type of bathroom rug is not specifically identified, Use: Rugs or carpets, not specified</td>
<td>0676</td>
</tr>
<tr>
<td>Bathrooms (fire)</td>
<td>General home or room involvement in fires</td>
<td>1866</td>
</tr>
<tr>
<td></td>
<td>Use this code only for home fires where no consumer product can be identified.</td>
<td></td>
</tr>
<tr>
<td>Bathtubs or showers (incl. fixtures or accessories; excl. enclosures, faucets, spigots and towel racks)</td>
<td></td>
<td>0611</td>
</tr>
<tr>
<td></td>
<td>Also consider: Bathtub enclosures</td>
<td></td>
</tr>
<tr>
<td>Bathtubs or showers (incl. fixtures or accessories; excl. enclosures, faucets, spigots and towel racks)</td>
<td></td>
<td>0611</td>
</tr>
<tr>
<td>Battery-operated toys</td>
<td>Use: Toys, not elsewhere classified</td>
<td>5004</td>
</tr>
<tr>
<td>BB guns</td>
<td>Use: Gas, air or spring-operated guns (incl. BB guns)</td>
<td>1237</td>
</tr>
<tr>
<td></td>
<td>Also consider: BBs or pellets</td>
<td></td>
</tr>
<tr>
<td>BBs or pellets</td>
<td></td>
<td>1936</td>
</tr>
<tr>
<td>Beach balls</td>
<td>Use: Toy sports equipment</td>
<td>1392</td>
</tr>
</tbody>
</table>
Beach buggies
Use: Dune buggies/beach buggies ..............3288

Beach chairs or folding chairs ...............4016

Beach towels
Use: Towels or cloths.................................0666

Beach umbrellas
Use: Umbrellas.........................................1660

Beading kits
Use: Toys, not elsewhere classified.............5004

Beads
Use: Jewelry (excl. watches) .......................1616

Beakers
Use: Glass tubing or test tubes ....................1124

Bean bags
Use: Toys, not elsewhere classified .............5004

Beaters
Choose among:
Electric mixers......................................0231
Kitchen gadgets, not elsewhere classified.....0428

Bed pads
Use: Other bedding.....................................4054

Bed rails
Choose among:
Crib extender rails or youth bed rails ..........1536
Bed rails, adult
Use: Bedsprings or bedframes (excl. bunk beds) .....0601
Hospital bed rails
Use: Medical equipment, general..............2400

Bed springs
Choose among:
Bedsprings or bedframes (excl. bunk beds) .........0601
Box springs........................................4002
See: Box springs

Bedding
Choose among:
Bedspreads, throws or comforters..............0667
Blankets
Choose among:
Blankets or sheets, electric .......................0132
Blankets, nonelectric.................................4008
If type of blanket is not specifically identified,
Use: Blankets, not specified.......................0689
Sheets or pillowcases...............................4051
Bedding, other........................................4054
If type of bedding is not specifically identified,
Use: Bedding, not specified.......................4002
Also consider:
Sleeping bags

Bedrooms (fire)
Use: General home or room
involvement in fires.................................1866
Use this code only for home fires where no consumer product can be identified.
**Beds**

*Choose among:*
- Bassinets or cradles ........................................ 1537
- Bedsprings or bedframes (excl. bunk beds) ..................... 0601
- Bunk beds ..................................................... 0661
- Car beds (for infants) ........................................ 1534
- Convertible beds, hideaway beds or sofa beds ................... 0680
- Cots .................................................................... 4069
- Cribs (excl. portable cribs) ...................................... 1543
- Crib extender rails or youth bed rails ......................... 1536
- Futons .................................................................. 4064
- Hospital beds
  *Use:* Medical equipment, general ................................. 2400
- Portable cribs .......................................................... 1529
- Waterbeds or water pillows ........................................... 0662

*If type of crib is not specifically identified,*
- *Use:* Cribs, not specified ........................................ 1545

*If type of bed is not specifically identified,*
- *Use:* Beds, not specified ........................................ 0694

**Bedspreads, throws or comforters** .................................. 0667

**Beepers**

*Use:* Telephones or telephone accessories ......................... 0550

**Beer containers**

*Choose among:*
- Beer bottles
  *Use:* Glass alcoholic beverage bottles .......................... 1122
- Beer cans
  *Use:* Metal containers (excl. aerosols, trash and gasoline cans)........... 1112
- Beer kegs ......................................................... See: Containers

**Bells**

*Choose among:*
- Door bells
  *Use:* Electrical wire or wiring systems (excl. panelboards, receptacles or interrupters) .................. 4062
- Knickknacks
  *Use:* Knickknacks, statues, vases or urns .......................... 0654
- Toys
  *Use:* Toys, not elsewhere classified ............................. 5004

**Belt exercisers**

*Use:* Exercise equipment (excl. weight lifting and gymnastic equipment) .................. 3277

**Belt racks**

*Use:* Tie racks, belt racks or other clothes hangers ............... 0419

**Belts**

*Use:* Clothing accessories ........................................ 1647

**Bench or table saws** .................................................. 0841

**Benches**

*Choose among:*
- Benches (excl. workbenches) ....................................... 0687
- Work benches
  *Use:* Workshop furnishings ...................................... 0854
Beverage containers
Choose among:
Bottles
Choose among:
Baby bottles or nipples .......................... 1509
Canning jars or lids ............................... 1136
Glass alcoholic beverage bottles........... 1122
Glass soft drink bottles......................... 1120
Nonglass bottles or jars
(excl. baby bottles)............................. 1127
Other glass bottles or jars....................... 1134
If type of glass bottle is not specifically identified,
Use: Glass bottles or jars, not specified ........ 1140
If type of bottle is not identified at all,
Use: Bottles or jars, not specified ............ 1135
Metal containers.................................. 1112

Bicycle-mounted baby carrier
Use: Baby carriers (bicycle-mounted) .......... 1531

Bicycles, exercise
Use: Exercise equipment (excl. weight lifting and gymnastic equipment) ....................... 3277

Bikes
Choose among:
Bicycles or accessories (excl. mountain or all-terrain bicycles) .................. 5040
Licensed two-wheeled motor vehicles
(excluding mopeds and trail bikes) ............ 1910
Mountain or all-terrain bicycles
or accessories ..................................... 5033
Minibikes, powered ............................... 5035
Mopeds or power-assisted cycles ............ 3215
Two-wheeled, powered, off-road vehicles (incl. dirt bikes and trail bikes; excl. mopeds and minibikes) .................. 5036
Also consider:
All-terrain vehicles
Pedal-powered adult vehicles
(3 or more wheels)
Tricycles
Unicycles

Billfolds
Use: Clothing accessories ......................... 1647

Billiards or pool (activity, apparel or equipment) .................................................. 1260

Binder clips
Use: Desk supplies (excl. pens and pencils) .... 1650

Binders or notebooks
Use: Books, magazines, albums or scrapbooks ......................................................... 4047

Bingo chips
Use: Toys, not elsewhere classified ............ 5004

Binoculars
Use: Telescopes, binoculars, microscopes or magnifying glasses .................... 0529

Bins, refuse
Use: Waste containers, trash baskets or refuse bins ................................................. 0413

Birdbaths, bird feeders or birdhouses
Use: Decorative yard equipment ................. 1417

Bites
Choose among:
Animal bites ...................................... 2001
Human bites ....................................... 7878
Insect bites and stings ........................... 2003

Bits, drill
Code the type of drill used.
Choose among:
Manual drills ..................................... 0829
Power drills or accessories, portable ....... 0855
Power drills or accessories, stationary .... 0856
If type of power drill bit is not specifically identified,
Use: Power drills or accessories, not specified ...................................................... 0871
If type of drill bit is not specifically identified,
Use: Drills, not specified ....................... 0847
Blackboards/chalkboards
Choose among:
School equipment ........................................ 2300
Toys, not elsewhere classified............................. 5004

Blades, razor or shaver
Choose among:
Razors or shavers, electric .................................. 1664
Razors or shavers, nonelectric .............................. 1661
If type of razor or shaver is not specifically identified,
Use: Razors or shavers, not specified............. 1667

Blankets
Choose among:
Blankets or sheets, electric................................. 0132
Blankets, nonelectric........................................... 4008
If type of blanket is not specifically identified,
Use: Blankets, not specified......................... 0689

Bleaches, noncosmetic...................................... 0956

Bleachers ..................................................... 1294

Blenders, electric (food)................................. 0215
Also consider:
Food processors

Blinds, venetian
Use: Window shades, venetian
blinds or indoor shutters................................. 0638

Blocks, cinder or concrete
Use: House structures and repair or
construction materials, not elsewhere classified............. 1876

Boards, diving
Use: Diving or diving boards....................... 1278
Also consider:
Swimming pools

Blowguns, toy
Use: Other toy weapons (projectile) .............. 5001

Blowers, snow
Choose among:
Snow throwers or blowers
(attachments)............................................ 1434
Snow throwers or blowers
(self-contained units) ................................. 1458
If type of snow thrower or blower is not specifically identified,
Use: Snow throwers or blowers, not specified....... 1459

Boots, cinder or concrete
Use:
House structures and repair or
construction materials, not elsewhere classified............. 1876

Blowers, leaf............................................... 1461

Boating
Choose among:
Boats
Choose among:
Boats and boating (activity, apparel or equipment), excl. personal watercraft, powered ..........3298
Ice or snow boats (activity, apparel or equipment) ................................3247
Personal watercraft, powered .........................3292

Book bags or back carriers
(excl. baby carriers, luggage and camping equipment) ............... 5011

Books, magazines, albums
or scrapbooks ........................................ 4047

Bookshelves or bookcases
Use: Cabinets, racks, room dividers and shelves, not elsewhere classified ............... 4056

Bookstands
Use: Tables (excl. baby changing tables, billiard or pool tables and television tables or stands) ............... 4057

Boomerangs
Use: Flying toys (excl. kites, rockets and gasoline-or other fuel-powered models) ............... 1317

Booster seats
Use: Attachable high chairs (incl. booster seats) ............... 1556

Booths
Use: Benches (excl. workbenches) ............... 0687

Boots
If injury occurs during play of a sport or game requiring special boots, use code for that sport. If not, Use: Footwear ............... 1615
Also consider: Waders

Boric acid
Use: Chemicals, not elsewhere classified .. 0921
Bottle cutting equipment
Use: Glass bottle cutting equipment........... 0532

Bottle openers ........................................... 0422
Also consider:
Can openers

Bottle warmers ........................................... 1510

Bottles
Choose among:
Baby bottles or nipples.............................. 1509
Canning jars or lids..................................... 1136
Glass alcoholic beverage bottles............... 1122
Glass soft drink bottles............................. 1120
Nonglass bottles or jars (excl. baby bottles)................................................................. 1127
Other glass bottles or jars..................... 1134
If type of glass bottle is not specifically identified,
Use: Glass bottles or jars, not specified........... 1140
If type of bottle is not identified at all,
Use: Bottles or jars, not specified........... 1135

Bottles, hot water
Use: First-aid equipment
(excl. medications) ..................................... 1710

Bottles, vacuum
Use: Vacuum containers........................... 1102

Bouncing horses
Use: Nonwheeled riding toys,
unpowered (e.g., rocking or bouncing horse).............................. 1327
Also consider:
Riding toys

Bouncing seats, baby
Choose among:
Other baby carriers.............................. 1549
Baby exercisers.............................. 1520
Also consider:
Baby walkers or jumpers

Bowling (activity, apparel or equipment) ........................................... 1206

Bows
Choose among:
Kitchen mixing bowls, canisters or similar containers (excl. plastic products).............................. 0435
Tableware and accessories
(excl. drinking glasses)............................. 0474

Bows and arrows
Choose among:
Archery (activity, apparel or equipment)...................................... 1235
Toy bows or arrows.............................. 1338

Box openers
Use: Knives with replaceable blades........... 0836
Also consider:
Knives

Box springs
Choose among:
Baby mattresses or pads (excl. mattress covers or mattress pads)........ 1542
Mattresses, nonbaby (excl. camping mattresses)................................... 4009
If type of box spring is not specifically identified,
Use: Mattresses, not specified................... 4010
Boxes
Choose among:
Cardboard products ........................................ 1114
Lunch boxes or pails .......................................... 1719
Metal containers (excl. aerosols, trash and gasoline cans) ........................................ 1112
Music boxes or chimes .................................... 1734
Plastic containers (rigid or semi-rigid; excl. bottles and jars) ........................................ 1123
Wooden containers ........................................... 1125
Toy boxes or chests .......................................... 1353
If type of box is not specifically identified,
Use: Containers, not specified ......................... 1141

Boxes, toy
Use: Toy boxes or chests ................................... 1353

Boxing (activity, apparel or equipment) .... 1207

Bracelets
Use: Jewelry (excl. watches) ............................... 1616

Braces
Choose among:
Manual drills .................................................. 0829
Suspenders
Use: Clothing accessories ................................. 1647

Brackets
Use: Cabinets, racks, room dividers and shelves, not elsewhere classified ................. 4056

Brake fluids
Use: Automotive chemicals (excl. antifreeze, lubricants, waxes and windshield wiper fluids) ........................................ 0955

Brassieres
Use: Day wear .................................................. 1645

Bread making machines ................................. 0481

Breath fresheners, oral (non-aerosol)
Use: Mouthwashes or rinses (excl. peroxide) ....................................................... 1940

Breathing apparatus
Choose among:
Respiratory protection devices ..................... 1618
Scuba diving (activity, apparel or equipment) ................................................... 1275
Also consider:
Medical equipment, general

Bricks
Use: House structures and repair or construction materials, not elsewhere classified ................. 1876

Bridles
Use: Horseback riding (activity, apparel or equipment) ........................................ 1239

Briefcases
Use: Luggage (excl. footlockers) ......................... 1623

Broad jump
Use: Track and field (activity, apparel or equipment; excl. jogging or running for fitness) ........................................ 5030

Broiler pans or racks
Use: Range or oven accessories ....................... 0250

Broilers
Choose among:
Counter-top ovens, broilers or toaster ovens; electric ........................................ 0216
Ovens, electric (excl. counter-top ovens) ........................................ 0261
Ovens, gas ..................................................... 0262
If type of broiler is not specifically identified,
Use: Ovens, not specified ................................. 0266
Also consider:
Rotisseries

Brooches
Use: Jewelry (excl. watches) ............................... 1616
Brooms
Choose among:
Electric brooms ........................................... 0116
Manual cleaning equipment
(excl. buckets or pails) ............................ 0480
If type of broom is not specifically identified,
Use: Manual cleaning equipment
(excl. buckets or pails) ............................ 0480

Brushcutters, powered ............................ 1463
Also consider:
Pruning or trimming equipment

Brushes
Choose among:
Bath or facial brushes ............................ 1678
Clothes brushes ............................ 1641
Combs or hairbrushes, unpowered ............................ 1638
Household cleaning brushes
Use: Manual cleaning equipment
(excl. buckets or pails) ............................ 0480
Nail brushes
Use: Manicuring devices ............................ 1659
Paint brushes, manual
Use: Paintbrushes or rollers ............................ 0925
Painting equipment, powered (incl. sprayers, brushes or rollers) ............................ 0887
Scrub brushes
Use: Manual cleaning equipment
(excl. buckets or pails) ............................ 0480
Tooth brushes
Choose among:
Electric toothbrushes or oral irrigators ............................ 1608
Nonelectric toothbrushes ............................ 1629
If not specified as electric,
Use: Nonelectric toothbrushes ............................ 1629
Vegetable brushes
Use: Manual cleaning equipment
(excl. buckets or pails) ............................ 0480
If type of brush is not specified,
Use: Manual cleaning equipment
(excl. buckets or pails) ............................ 0480

Buffers or waxers, floor ............................ 0113

Buffers, workshop (power)
Choose among:
Portable power workshop grinders, buffers or polishers ............................ 0865
Stationary power workshop grinders, buffers or polishers ............................ 0873
If type of power buffer is not specifically identified,
Use: Power workshop grinders, buffers or polishers, not specified ............................ 0876

Buffets
Use: Desks, bureaus, chests or buffets ............................ 0604

Building materials
Choose among:
Bricks or concrete blocks
Use: House structures and repair or construction materials, not elsewhere classified ............................ 1876
Floors or flooring materials ............................ 1807
House structures and repair or construction materials, not elsewhere classified ............................ 1876
Nails, screws, tacks or bolts ............................ 1819
Thermal or sound insulation materials ............................ 1803

Building sets ............................ 1345

Bulbs, light
Choose among:
Light bulbs (excl. Christmas tree lights) ............................ 0627
Christmas tree lights ............................ 1711

Bumper pads, crib
Use: Baby mattresses or pads (excl. mattress covers or mattress pads) ............................ 1542

Bunk beds ............................ 0661

Bureaus
Use: Desks, bureaus, chests or buffets ............................ 0604
Burglar alarms...............................................0704

Buses
Use: Motor vehicles or parts (licensed; four or more wheels)......................... 1901

Buses (model or toy)
Choose among:
Model buses............................. See: Models
Riding toy buses..................... See: Riding toys
Toy buses (excl. riding toys)
Use: Toys, not elsewhere classified..................................................5004

Business and office machines.................0571
Also consider:
Computers

Butane-fueled products
Choose among:
Candles, candlesticks and other candle holders........................................0463
Gas or LP grills or stoves..............................3248
Fuel-burning lighting equipment ..................4060
Gas or LP heaters, not elsewhere classified.................................................0389
Also consider:
Butane gas tanks or fittings

Butane gas tanks or fittings
Use: Propane, LP or butane gas tanks or fittings ............................................0131

Buttons
Use: Sewing basket articles (excl. scissors, pins, needles and sewing machine accessories).........................1671
C

Cabinet heaters, gas
Use: Gas or LP heaters, not elsewhere classified................. 0389

Cabinets
Use: Cabinets, racks, room dividers and shelves, not elsewhere classified.......................... 4056

Cabinet or door hardware ..................... 1820

Cable boxes (TV)
Use: Televisions ........................................ 0572

Cable modems
Use: Computers (equipment and electronic games)...................... 0557

Cable locks
Use: Padlocks, chain locks or other locks........................................ 0707

Cables, towing
Use: Chains, not elsewhere classified ........................................ 0885

Cages, pet
Use: Pet supplies (excl. foods and Medicines) ............................. 1715

Cake decorating equipment
Use: Kitchen gadgets, not elsewhere classified............................ 0428

Calculators, cash registers or adding machines
Use: Business and office machines................. 0571

Camera batteries
Use: Batteries................................................. 0884

Cameras
Use: Photographic equipment (excl. chemicals and projectors)........... 0536

Camp stoves, cooking
Choose among:
- Charcoal or wood-burning grills................. 3218
- Electric grills ........................................ 3229
- Gas or LP grills or stoves .................. 3248
- Kerosene grills or stoves .................. 3230
- Other grills or stoves ...................... 3233
If type of cooking camp stove is not specifically identified,
Use: Grills, not specified ...................... 3249

Camping heaters
Choose among:
- Alcohol-fueled heaters .................................. 1255
- Catalytic heaters ........................................ 0366
- Coal or wood-burning stoves .................. 0367
- Gasoline heaters (non-catalytic) .............. 0368
- Kerosene or oil heaters ......................... 0399
- Portable electric heaters ...................... 0348
- Gas or LP heaters, not elsewhere classified .................................................................... 0389
If type of camping heater is not specifically identified,
Use: Heaters or heating systems, not specified ........................................ 0370

Camping equipment (excl. trailers, lighting equipment, sleeping bags, cots, hammocks, coolers, stoves and heaters) .... 5029

Camping mattresses
Use: Camping equipment (excl. trailers, lighting equipment, sleeping bags, cots, hammocks, coolers, stoves and heaters) .... 5029
Camphor
Choose among:
Liniments or rubbing compounds ..................1915
Metal polishes, tarnish removers
or preventatives ......................................0931

Can crushers
Use: Trash compactors ................................0252

Can openers
Choose among:
Electric can openers ..................................0213
Nonelectric can openers ................................0401
If type of can opener is not specifically identified,
Use: Can openers, not specified ......................0453
Also consider:
Key-opened containers
Self-contained openers

Candles, candlesticks and other candle holders ....................0463

Canisters
Choose among:
Kitchen mixing bowls, canisters or similar containers (excl. plastic products) .......................0435
Plastic containers (rigid or semi-rigid; excl. bottles or jars) ..................................................1123

Canners, pressure
Use: Pressure cookers or canners ..................0412

Canning jars or lids ......................................1136

Cannons, toy
Choose among:
Other toy weapons (nonprojectile) ..................1389
Other toy weapons (projectile) .......................5001
If type of toy cannon is not specifically identified,
Use: Toy weapons, not specified ....................5007

Canoes
Use: Boats and boating (activity, apparel or equipment), excl. personal watercraft, powered ........3298

Cans
Choose among:
Aerosol containers .......................................1133
Containers with key openers .........................1116
Food cans
Use: Metal containers (excl. aerosols, trash and gasoline cans) ..............................................1112
Garbage or trash cans
Use: Waste containers, trash baskets or refuse bins .........................................................0413
Gasoline cans ............................................0981
Pressurized containers (nonaerosol; excl. alcoholic beverage or soft drink bottles and cans) .......................1138
Self-contained openers (e.g., openers on zip-top or pull-top cans) ........................................1103
Soda/Pop/Soft drink cans
Use: Metal containers (excl. aerosols, trash and gasoline cans) ..............................................1112
If type of can is not specifically identified,
Use: Metal containers (excl. aerosols, trash and gasoline cans) ..............................................1112

Caps (apparel)
Use: Clothing accessories ..............................1647

Caps, bottle
If type of bottle is specified, refer to entry for Bottles, else
Use: Bottles or jars, not specified .................1135

Caps or cap toys
Use: Toy caps, cap toys or cap guns ..........5015
Capsules (drugs)
Choose among:
Antihistamines.......................... 1928
Aspirin or aspirin compounds ............ 1923
Aspirin substitutes........................ 1930
Preparations containing iron salts ........ 1916
Tablet or capsule drugs (excl. aspirin, aspirin substitutes, iron preparations and antihistamines) .................. 1931
If type of drug capsule is not specifically identified,
Use: Drugs or medications, not specified .................. 1929
Also consider:
Veterinary medicines

Car beds (for infants).................. 1534

Car polishes or cleaners
Use: Automotive waxes, polishes or cleaners.................................. 0978

Car seats (for infants or children)
If injury occurred in a motor vehicle accident,
Use: Motor vehicles or parts (licensed; four or more wheels) .................. 1901
Otherwise,
Use: Car seats (for infants or children ..... 1519

Car-washing equipment, coin-operated.................................. 1735

Carbon monoxide poisonings (when source is unknown) .................. 1899

Carbon monoxide detectors .................. 0712

Carbonated beverage containers
Choose among:
Glass soft drink bottles.......................... 1120
Metal containers (excl. aerosols, trash and gasoline cans)........... 1112
Nonglass bottles or jars (excl. baby bottles)................................. 1127
If type of container is not specifically identified,
Use: Bottles or jars, not specified 1135

Cardboard products .................. 1114

Carpet shampoos
Use: General-purpose household cleaners (excl. abrasives, ammonia, pine oil and toilet bowl products) .................. 0954

Carpet sweepers
Use: Manual cleaning equipment (excl. buckets or pails) .................. 0480

Carpet tacks
Use: Nails, screws, tacks or bolts .................. 1819

Carpets
Choose among:
Room-sized, wall-to-wall or outdoor carpeting (excl. runners) ........ 0613
Runners, throw rugs or doormats (excl. bathtub mats) .................. 0612
If type of carpet is not specifically identified,
Use: Rugs or carpets, not specified .................. 0676

Carports .................. 7878
Carriages
Choose among:
Baby carriages ...........................................1505
Doll carriages
Use: Toys, not elsewhere classified..........................5004

Carriage mattresses
Use: Baby mattresses or pads (excl. mattress covers or mattress pads) ..........1542

Carriers, baby
Choose among:
Baby carriers (bicycle-mounted) .................1531
Baby carriers or slings (backpacks) ...............1527
Other baby carriers ........................................1549
If type of baby carrier is not specifically identified,
Use: Baby carriers, not specified .................1548

Carriers, luggage
Use: Dollies, handtrucks or luggage carriers ..................1680

Carrousel
Choose among:
Amusement attractions (incl. rides) ............1293
Other playground equipment .......................3219

Cars
Use: Motor vehicles or parts (licensed; four or more wheels) ...............1901

Cars (model or toy)
Choose among:
Model cars .............................................. See: Models
Riding toy cars ........................................ See: Riding toys
Toy cars (excl. riding toys)
Choose among:
Electric toy racing cars or accessories .........................1383
Toys, not elsewhere classified .....................5004

Cartons, cardboard
Use: Cardboard products ..................................1114

Cartridges, recording
Use: Recording tapes ....................................0531

Carts
Choose among:
Go-carts .................................................3259
Golf carts ................................................1213
Grocery or shopping carts ..............................1679
Hand carts
Use: Dollies, handtrucks or luggage carriers ..........1680
Toy carts
Use: Wagons, children's .................................1328
Wheelbarrows or lawn carts ..........................1425
If type of cart is not specifically identified,
Use: Carts, other or not specified ...............1684

Carving knives
Choose among:
Electric or battery-powered knives ..........0218
Knives, not elsewhere classified .................0464

Carving tools (woodworking)
Use: Knives with replaceable blades .............0836

Cash registers
Use: Business and office machines ..............0571

Caskets
Use: Other containers (excl. vacuum
Or pressurized container) .........................1107

Cassettes, recording
Use: Recording tapes ....................................0531

Casserole dishes
Use: Tableware and accessories
(excl. drinking glasses) .........................0474

Catalytic heaters .....................................0366

Catchers, grass and leaf
Use: Grass and leaf catchers
(attachments) .............................................1431

Cathode ray tubes (CRTs)
Use: Computers (equipment and electronic games) ........................................ 0557

Caulking or spackling compounds .................................................. 0920

Caustics (excl. lye) ........................................................................ 0968

CB radios
Use: Amateur two-way radios .................................................. 0545

CD’s or CD players
Use: Other sound recording, reproducing or receiving equipment ........................................ 0573

Ceiling fans
Use: Fans .................................................................................. 0380

Ceiling heaters
Choose among:
- Electric heaters, not elsewhere classified ........................................... 0388
- Gas or LP heaters, not elsewhere classified ........................................... 0389

Ceilings
Use: Ceilings and walls (part of completed structure) ................................. 1884

Cement
If cement is not associated with a specific product, use: .......................... 7878
If cement is being used as a construction material,
Use: House structures and repair or construction materials, not elsewhere classified ................................. 1876

Ceramic cookware
Use: Nonmetal cookware (nonelectric) ........................................... 0461

Ceramic-top cooking units
Choose among:
- Ceramic-top ranges with ovens
  Use: Electric ranges (with ovens) ........................................... 0259
- Cooking units without ovens
  Use: Electric counter-mounted cooking surfaces .................................... 0202

Ceramics supplies or equipment .................................................. 0514

Chafing dish fuel
Use: Fuels for chafing dishes or fondue pots ........................................... 0941
Also consider:
- Chafing dishes or fondue pots

Chafing dishes or fondue pots .................................................. 0462
Also consider:
- Fuels for chafing dishes or fondue pots

Chain ladders
Use: Other ladders (excl. swimming pool ladders) ........................................... 4032
Also consider:
- Fire escape devices

Chain link fences
Use: Fences or fence posts .................................................. 1871

Chain locks
Use: Padlocks, chain locks or other locks ........................................... 0707

Chain saws .................................................................................. 1411

Chains
Choose among:
- Necklace chains
  Use: Jewelry (excl. watches) ........................................... 1616
- Key chains
  Use: Keys, key rings or key chains ........................................... 1643
- Chains, not elsewhere classified ........................................... 0885
Also consider:
- Chain locks
Chairs
Choose among:
Attachable high chairs........................................1556
Beach chairs or folding chairs .................................4016
High chairs ......................................................1555
Potty chairs (child) or training seats ........................................1535
Recliner chairs, nonupholstered..................................4017
Recliner chairs, upholstered .....................................4019
  If type of recliner chair is not specifically identified,
    Use: Recliner chairs, not specified ..................4023
Rocking chairs, nonupholstered .................................4018
Rocking chairs, upholstered ....................................4020
  If type of rocking chair is not specifically identified,
    Use: Rocking chairs, not specified ..................4024
Youth chairs .....................................................1518
Other upholstered chairs .......................................4052
Other chairs .....................................................4021
  If type of upholstered chair is not specifically identified,
    Use: Upholstered chairs, not specified ...........4053
  If type of chair is not identified at all,
    Use: Chairs, not specified ...............................4022
Also consider:
Wheelchairs

Charcoal ........................................................ 0917
Also consider:
  Multi-purpose lighters
  Grills

Charcoal lighters. See: Lighters, multi-purpose

Chargers, battery .............................................. 0883

Cheerleading (activity, apparel or equipment; excl. batons)............. 3254

Chemicals
Choose among:
Automotive chemicals ........................................ 0955
Chemistry sets.................................................. 1393
Cleaners, household .... See: Specific product
Drain cleaners .................................................. 0929
Fertilizers ....................................................... 1053
Lye ................................................................. 0969
Photographic chemicals ....................................... 0926
School laboratory chemicals .................................. 0982
Solvents
  Use: Methyl alcohol .......................................... 0915
Swimming pool chemicals ..................................... 0938
Workshop compounds or chemicals ..................... 0833
  If type of chemical is unknown or not identifiable in above categories, use:
    Chemicals, not elsewhere classified ............. 0921

Chemistry sets or science kits............................. 1393

Chests
Choose among:
Desks, bureaus, chests or buffets ......................... 0604
Toy boxes or toy chests ..................................... 1353
Portable food or beverage coolers ........................ 3250

Child bike carriers
Use: Baby carriers (bicycle-mounted) ..................... 1531

Chimes
Use: Music boxes or chimes ................................. 1734
Chimneys
Choose among:
- Brick, stone or masonry chimneys .......... 0372
- Metal chimneys, stovepipes or flues ........................................ 0373
If type of chimney is not specifically identified,
Use: Chimneys, not specified ................. 0378
Also consider:
- Fireplaces
- Woodburning stoves

Chippers/shredders
Use: Leaf mulchers and grinders, powered ...................................... 1433

Chisels
Use: Awls, chisels or planes .................... 0870

Chlorine
Use: Swimming pool chemicals ............... 0938

Chop sticks
Use: Kitchen gadgets, not elsewhere classified .................................. 0428

Choppers, food
Use: Slicers and choppers ...................... 0469
Also consider:
- Food processors

Christmas decorations
Choose among:
- Artificial Christmas trees ..................... 1701
- Christmas decorations, electric
  (excl. Christmas tree lights) .................... 1736
- Christmas decorations, nonelectric ........ 1729
- Christmas tree lights ......................... 1711
- Christmas tree stands or supports .......... 1712

Christmas trees, artificial ........................ 1701

Chrome polishes
Use: Metal polishes, tarnish removers or preventatives ...................... 0931

Cigarette or pipe lighters ....................... 1604

Cigarettes, cigars, pipes or tobacco ........ 1909

Cinder blocks
Use: House structures and repair or construction materials, not elsewhere classified ...................................... 1876

Circuit breakers or ground fault circuit interrupters (GFCI)
Use: Panelboards, circuit breakers, ground fault circuit interrupters or fuses ........................................ 4063

Circular power saws, portable .................. 0832

Clacker balls ........................................... 1346

Clamps
Use: Vises or workshop clamps ............... 0879

Clay
Choose among:
- Art supplies or equipment (excl. ceramics supplies and paintbrushes) .................... 0564
- Ceramics supplies or equipment .......... 0514
- Children's clay
  Use: Molding compounds ..................... 1376

Cleaners, abrasive .................................. 0953
Also consider:
- Scouring pads or steel wool

Cleaners, automotive
Use: Automotive waxes, polishes or cleaners ................................... 0978
Cleaners, household
Choose among:
- Abrasive cleaners ........................................0953
- Acids (excl. drain cleaners and battery acids) ..............................................0936
- Ammonia, household ..................................0930
- Bleaches, noncosmetic ...........................................0956
- Caustics (excl. lye) .............................................0968
- Drain cleaners .............................................0929

General-purpose household cleaners (excl. abrasives, ammonia, pine oil and toilet bowl products) ...........................................0954
- Laundry soaps or detergents .........................0949
- Lye ...............................................................0969
- Metal polishes, tarnish removers or preventatives ............................................0931
- Oven cleaners ..........................................................0942
- Pine oil cleaning and disinfectant preparations .............................................0945
- Soaps (excluding laundry soaps or detergents) ..............................................0983
- Spot removers or cleaning fluids ..................0977
- Toilet bowl products ..........................................0951
- Turpentine ...........................................0933
- Wallpaper cleaners, chemical.........................0970

If the type of household cleaner is not specifically identified,
Use: General-purpose household cleaners (excl. abrasives, ammonia, pine oil and toilet bowl products) ...........................................0954

Cleaners, vacuum ..................................0115

Cleaning equipment
Choose among:
- Buckets or pails ..................................................1143
- Electric brooms .................................................0116
- Manual cleaning equipment (excl. buckets or pails) ...........................................0480
- Rug shampoers ..................................................0114
- Vacuum cleaners .............................................0115

Cleaning fluids
Use: Spot removers or cleaning fluids ..........0977

Cleaning pads
Use: Manual cleaning equipment (excl. buckets or pails) ...........................................0480

Cleavers
Use: Knives, not elsewhere classified .............................................0464

Climbing apparatus, playground
Use: Monkey bars, playground gyms or other playground climbing apparatus ......................................................1244

Climbing, mountain
Use: Mountain climbing (activity, apparel or equipment) ...........................................1258

Clipboards
Use: Desk supplies (excl. pens and pencils) .................................................1650
**Clippers**

*Choose among:*

- Hair clippers and trimmers ......................... 1683
- Nail clippers
  - *Use:* Manicuring devices ....................... 1659
- Hedge or lawn clippers
  *Choose among:*
  - Brushcutters, powered ......................... 1463
  - Manual lawn trimmers or edgers ........... 1450
  - Power hedge trimmers ..................... 1427
  - Lawn trimmers or edgers,
    powered, (excl. brushcutters) .......... 1464
  - Other manual pruning or
    trimming equipment .......................... 1453
  - Other power pruning or
    trimming equipment .......................... 1454
  *If type of manual pruning or
    trimming equipment is not
    specifically identified,*
  - *Use:* Manual pruning or trimming
    equipment, not specified .................. 1455
  *If type of power pruning or
    trimming equipment is not
    specifically identified,*
  - *Use:* Power pruning or trimming
    equipment, not specified .................. 1456
  *If type of pruning or trimming
    equipment is not identified at all,*
  - *Use:* Pruning or trimming equipment,
    not specified .............................. 1447

**Clips**

*Choose among:*

- Hair clips
  - *Use:* Hair curlers, curling irons,
    clips and hairpins ......................... 1682
- Paper or binder clips
  - *Use:* Desk supplies (excl. pens
    and pencils) .............................. 1650

**Clocks**

*Choose Among:*

- Clocks, electric or battery operated ........... 4065
- Clocks, not electric or battery operated
  or not specified ............................ 4067

*Also consider:*

- Timers

**Clock-radios**

*Use:* Radios (self-contained units
  excl. two-way radios) ....................... 0555

**Clothes, doll**

*Use:* Toys, not elsewhere classified ............. 5004

**Clothes brushes** .................................... 1641

**Clothes dryers**

*Choose among:*

- Electric clothes dryers (without
  washers) ....................................... 0106
- Gas clothes dryers (without
  washers) ....................................... 0107
- Washer-dryer combinations
  (within one frame) ............................ 0135

*If type of clothes dryer is not
  specifically identified,*

- *Use:* Clothes dryers, not specified .......... 0127

*Also consider:*

- Clotheslines or clothes drying racks

**Clothes hangers**

*Use:* Tie racks, belt racks or other
  clothes hangers ............................... 0419

**Clothes steamers** .................................... 0255
Clotheslines or clothes drying racks
(excl. poles) .................................................... 1821
Also consider:
Clothes dryers

Clothespins .................................................... 0669

Clothing
If injury occurs during playing of a
sport or game requiring special
clothing or footwear, use code for
that sport or
Choose among:
Clothing accessories ................. 1647
Costumes or masks ..................... 1342
Day wear ................................. 1645
Footwear ................................. 1615
Nightwear ............................... 1644
Outerwear .................................. 1646
Other clothing ........................... 1677
If type of clothing is not
specifically identified,
Use: Clothing, not specified .......... 1658

Clothing accessories ................. 1647

Cloths
Choose among:
Table linens ............................... 0651
Towels or cloths ......................... 0666

CO (carbon monoxide) poisonings
(when source is unknown) ............ 1899

CO (carbon monoxide) detectors ....... 0712

Coal stoves
Use: Coal or wood-burning stoves ..... 0367
Also consider:
Stovepipes

Coats
Use: Outerwear .............................. 1646
Collars
Choose among:
Day wear .................................................... 1645
Pet supplies (excl. foods and medicines)................................. 1715

Columns/pillars
Use: Poles (excl. fence posts, fishing, pole vaults, playground equipment and telephone poles)......................... 1865

Combs
Choose among:
Electric combs ............................................ 1637
Combs or hairbrushes, unpowered ........... 1638
If type of comb is not specifically identified,
Use: Combs, not specified............................... 1651

Comforters
Use: Bedspreads, throws or comforters ....................................... 0667

Commodes
Use: Toilets.................................................................. 0649

Compact disk players
Use: Other sound recording, reproducing or receiving equipment....................... 0573

Compact disks
Use: Other sound recording, reproducing or receiving equipment....................... 0573

Compactors, trash .............................................. 0252
Also consider:
Garbage disposers

Compacts (for face powder)
Choose among:
Clothing accessories ............................................. 1647
Toy make-up kits or cosmetics (excl. mirrors).............................. 5013

Components, stereo or hi-fi
Use: Stereo or hi-fi components or accessories (excl. self-contained units) ........................................................... 0546
Also consider:
Sound equipment

Compounds
Choose among:
Aspirin or aspirin compounds................................. 1923
Caulking or spackling compounds ............... 0920
Liniments or rubbing compounds .......... 1915
Molding compounds .............................................. 1376
Workshop compounds or chemicals .......... 0833

Compressors, air
If air compressor is part of a self-contained unit, use code for that product.
If air compressor is a separate unit,
Use: Compressors, separate ......................................... 0823

Computers (equipment and electronic games)................................. 0557

Concrete or concrete blocks
If concrete is not associated with a specific product, use:.............................. 7878
If concrete is being used as a construction material,
Use: House structures and repair or construction materials, not elsewhere classified ............................. 1876

Conditioners, water
Use: Water softeners or conditioners (appliances)............................. 0125

Connectors, flexible gas
Use: Pipes (excl. smoking pipes)................................. 0374
Construction materials

Choose among:

- Bricks or concrete blocks (not part of structure)
  Use: House structures and repair or construction materials, not elsewhere classified. 1876
- Floors or flooring materials 1807
- Lumber, boards or paneling pieces (not part of structure)
  Use: House structures and repair or construction materials, not elsewhere classified. 1876
- Nails, screws, tacks or bolts 1819
- Thermal or sound insulation materials 1803
- Wood paneling and particleboard 1885
- House structures and repair or construction materials, not elsewhere classified 1876

Contact lens cleaners

Use: General-purpose household cleaners (excl. abrasives, ammonia, pine oil and toilet bowl products) 0954

Contact lenses 1624

Containers

Always use a container code as well as a code for the contents of a container, if known. If an aerosol can, be sure to use code 1133. For pressurized containers such as helium tanks use code 1138.

Choose among:

- Aerosol containers 1133
- Bottles or jars See: Entry
- Buckets or pails 1143
- Canisters
  Use: Kitchen mixing bowls, canisters or similar containers (excl. plastic products) 0435
- Cardboard boxes
  Use: Cardboard products 1114
- Food cans
  Use: Metal containers (excl. aerosols, trash and gasoline cans) 1112
- Key opened containers
  Use: Containers with key openers 1116
- Metal containers (excl. aerosols, trash and gasoline cans) 1112
- Plastic containers (rigid or semi-rigid; excl. bottles and jars) 1123
- Pressurized containers (non-aerosol; excl. alcoholic beverage or soft drink bottles and cans) 1138
- Self-contained openers (e.g., openers on zip-top or pull-top cans) 1103
- Thermal or vacuum containers
  Choose among:
  Portable food or beverage coolers 3250
  Vacuum containers 1102
- Waste containers, trash baskets, or refuse bins 0413
- Wooden containers 1125

If type of container is specifically identified,
Use: Other containers (excl. vacuum or pressurized containers) 1107

If type of container is not specifically identified,
Use: Containers, not specified 1141
Convertible beds, hideaway beds or sofa beds .................................................. 0680

Conveyor belts
*Use:* Public use items, not elsewhere classified ..................................................... 1738

Cookers
*Choose among:*
- Pressure cookers ........................................... 0412
- Slow cookers ............................................... 0268

Cooking or roasting bags
*Choose among:*
- Aluminum foil wrapping products............. 1139
- Paper bags ................................................. 1128

Cooking stoves, portable
*Choose among:*
- Charcoal or wood-burning grills ............... 3218
- Electric grills ............................................. 3229
- Gas or LP grills or stoves ....................... 3248
- Kerosene grills or stoves ...................... 3230
- Other grills or stoves .............................. 3233
*If type of portable cooking stove is not specifically identified,*
*Use: Grills, not specified .......................... 3249*

Cooking surfaces, counter-mounted
*Choose among:*
- Electric counter-mounted cooking surfaces ........................................ 0202
- Gas counter-mounted cooking surfaces .................. 0204
*If type of counter-mounted cooking surface is not specifically identified,*
*Use: Counter-mounted cooking surfaces, not specified .................... 0257*
Also consider:
- Ranges

Cooking thermometers
*Use:* Thermometers (excl. medical thermometers) ............................................. 0477

Cookware
*Choose among:*
- Chafing dishes or fondue pots ................. 0462
- Corn poppers, electric .............................. 0212
- Deep fryers, electric ............................... 0219
- Frying pans or skillets, electric .................. 0222
- Griddles, electric ....................................... 0223
- Kettles or hot pots, electric .................... 0269
- Waffle irons, electric ............................... 0235
- Metal cookware (nonelectric; excl. pressure cookers and canners) .......... 0460
- Nonmetal cookware (nonelectric) .............. 0461
- Pressure cookers or canners .................... 0412
- Slow cookers .............................................. 0268
- Toasters (excl. toaster ovens) ................... 0234
- Other cookware .......................................... 0465
*If type of cookware is not specifically identified,*
*Use: Cookware, not specified ..................... 0466*

Coolants
*Choose among:*
- Antifreeze .................................................. 0966
  *If antifreeze came directly from a motor vehicle,*
  *Use:* Motor vehicles or parts (licensed; four or more wheels) .................... 1901
- Refrigerants
  *Use: Chemicals, not elsewhere classified ................................................. 0921*

Coolers
*Choose among:*
- Air conditioners ...................................... 0381
- Portable food or beverage coolers ............ 3250
- Water coolers
  *Use: Drinking fountains ............................. 0136
Also consider:
- Fans
- Vacuum containers

Cooling registers or grills
*Use:* Ductwork for heating and cooling systems (excl. flues) ......................... 0371

Copper wiring
*Use:* Electrical wire or wiring systems (excl. panelboards, receptacles or interrupters) ......... 4062
Copying machines
Use: Business and office machines ..........0571

cords
Use: Unattached appliance or lamp

Choose among:
 Electric appliance cords
 If cord is attached,
 use code for the specified appliance.
 If cord is unattached,
 Use: Unattached appliance or lamp cord

Electric extension cords ......................0685
Rope or string (excl. climbing or
 jump ropes and kite strings) .................0852
Stretch cords or straps .......................0886
Cords, electrical, other or not specified
Use: Electrical wire or wiring
 systems (excl. panelboards,
 receptacles or interrupters) ..............0462
Also consider:
 Wire

Corers/coring knives
Use: Knives, not elsewhere classified ........0464

Corkscrews .......................................0416

Corn poppers, electric .........................0212

Cosmetic bags or cases
Use: Luggage (excl. footlockers) ..........1623
Also consider:
 Toy make-up kits or cosmetics

Cosmetics (incl. facial and eye
 make-up, deodorants, hair preparations,
 nail polish and removers, bath oils,
 skin creams and lotions, etc.) ..............1913

Costumes or masks .............................1342

Cots ...............................................4069
Also consider:
 Beds

Cotton-tipped swabs
Use: First-aid equipment
 (excl. medications) .........................1710

Couches
Use: Sofas, couches, davenports,
 divans or studio couches .................0679

Counters or counter tops (excl. bars) ...... 1864

Counter-mounted cooking surfaces
Choose among:
 Electric counter-mounted cooking
 surfaces .........................................0202
Gas counter-mounted cooking
 surface .........................................0204
If type of counter-mounted cooking
 surface is not specifically identified,
 Use: Countertop cooking surfaces,
 not specified ..................................0257
Also consider:
 Ranges

Counter-top ovens, broilers or
 toaster ovens; electric ......................0216

Coupon cutter
Use: Desk supplies (excl. pens
 and pencils) ..................................1650

Covers
Choose among:
 Ironing board covers
 Use: Ironing boards or covers ..........0408
Mattress covers
 Use: Other bedding .......................4054
Patio or porch covers
 Use: House structures and repair
 or construction materials,
 not elsewhere classified ..............1876

Crafts
Choose among:
Art supplies and equipment
(excl. ceramic supplies and paint brushes)................................. 0564
Ceramic supplies and equipment .............. 0514

Crates
Choose among:
Metal containers (excl. aerosols, trash and gasoline cans)............... 1112
Plastic containers (rigid or semi-rigid, excl. bottles and jars) ............ 1123
Wooden crates or containers ................ 1125
If type of crate is not specifically identified,
Use: Containers, not specified............... 1141

Crayons or chalk (excl. billiard or pool chalk) ........................................ 5010

Cream pitchers
Use: Tableware and accessories (excl. drinking glasses)................... 0474

Creams, skin care
Use: Cosmetics .................................. 1913

Crepe makers or pans
Choose among:
Electric frying pans or skillets ................. 0222
Metal cookware (nonelectric; excl. pressure cookers and canners) .... 0460
If type of crepe maker is not specifically identified,
Use: Cookware, not specified ................. 0466

Cribs or crib springs
Choose among:
Cribs (excl. portable cribs) .................... 1543
Portable cribs............................... 1529
If type of crib spring is not specifically identified,
Use: Cribs, not specified .................... 1545

Crib-related equipment

Choose among:
Bumper pads
Use: Baby mattresses or pads (excl. mattress covers or mattress pads) .......... 1542
Crib extender rails or youth bed rails.................................................... 1536

Mattresses or pads
Use: Baby mattresses or pads (excl. mattress covers or mattress pads) .......... 1542
Also consider:
Waterbeds or waterpillows .................. 1526
Mobiles or crib gyms ......................... 1526
Monitoring devices
Use: Radios (self-contained units; excl. two-way radios) ....................... 0555

 Cribs, doll
Use: Toys, not elsewhere classified ......................... 5004

Cricket
Use: Other ball sports (activity, apparel or equipment) ...................... 3235

Crockery cookers
Use: Slow cookers .................................. 0268

Croquet (activity, apparel or equipment) ...................... 1208

Crowbars
Use: Other manual workshop tools .................. 0881

Crutches, canes or walkers .................. 1706

Cubbies
Use: Cabinets, racks, room dividers and shelves, not elsewhere classified................ 4056

Cues, billiard or pool
Use: Billiards or pool (activity, apparel or equipment) ...................... 1260

Cultivators
Choose among:
Hand cultivators
Use: Other unpowered garden tools .............................................. 1403
Power cultivators
Use: Power tillers or cultivators (not farm equipment) ..................... 1408

Cupboards
Use: Cabinets, racks, room dividers and shelves ............................. 4056

Cups
Choose among:
Cups (drinking)
Use: Tableware and accessories (excl. drinking glasses) ...................... 0474
Measuring cups
Use: Kitchen gadgets, not elsewhere classified ............................. 0428

Curlers
Use: Hair curlers, curling irons, clips and hairpins ........................... 1682

Curling irons
Use: Hair curlers, curling irons, clips and hairpins ........................... 1682

Curling (activity, apparel or equipment) ...................................... 3282

Curtain hooks, rings or rods
Use: Drapery or curtain rods, hooks or rings .................................. 4055

Curtains
Use: Draperies, curtains or shower curtains (fabric or plastic) .............. 0617

Cutlery
Choose among:
Flatware (excl. knives) ............................................... 0417
Knives, not elsewhere classified ............................................... 0464

Cutters
Choose among:
Bolt cutters
Use: Pliers, wire cutters or wrenches ........................................ 0857
Box openers/cutters
Use: Knives with replaceable blades ........................................ 0836
Brushcutters, powered ................................................... 1463
Fabric cutters
Use: Knives with replaceable blades ........................................ 0836

Food cutters
Choose among:
Food processors .................................................. 0275
Knives, not elsewhere classified ........................................ 0464
Slicers and choppers ................................................ 0469

Glass cutters
Choose among:
Glass bottle cutting equipment ........................................ 0532
Other manual workshop tools ........................................ 0881
Lawn trimmers or edgers, powered (excl. brushcutters) ...................... 1464
Paper cutters (not scissors)
Use: Paper cutters .................................................. 1654
Rug cutters
Use: Knives with replaceable blades ........................................ 0836

Cutting torches ............................................................. 0874
Also consider:
Soldering equipment
Welding equipment
Cycles

Choose among:

ATVs .......................... See: All-terrain vehicles

Bicycles and accessories (excl

mountain or all-terrain bicycles)........... 5040

Licensed two-wheeled motor

vehicles (excluding mopeds

and trail bikes) .............................. 1910

Mountain or all-terrain bicycles

and accessories ............................ 5033

Minibikes, powered ....................... 5035

Mopeds or power-assisted cycles ........... 3215

Motorcycles

Use: Licensed two-wheeled motor

vehicles (excluding mopeds

and trail bikes) .............................. 1910

Two-wheeled, powered, off-road

vehicles (incl. dirt bikes and

trail bikes; excl. mopeds

and minibikes) ............................... 5036

Pedal-powered adult vehicles (3 or

more wheels) ................................. 3202

Tricycles, children’s .......................... 1301

Unicycles ................................. 1283
Dancing (activity, apparel or equipment) ............................................... 3278

Dart guns, toy
Use: Toy guns with projectiles ................................. 1399

Darts or lawn darts
Choose among:
- Darts, for indoor use (activity or equipment) ................. 3289
- Darts, lawn (activity or equipment) ...................... 3290
- Darts, not specified .................................. 3291

Davenports
Use: Sofas, couches, davenports, divans or studio couches ............. 0679

Day wear ........................................................ 1645

Decks
Use: Porches, balconies, open side floors or floor openings .............. 1817

Decks, tape
Use: Tape recorders or players (self-contained units) ..................... 0556

Decorations, seasonal
Choose among:
- Artificial Christmas trees .................................. 1701
- Christmas decorations (nonelectric) .............. 1729
- Christmas tree lights ...................................... 1711
- Christmas tree stands or supports .................. 1712
- Electric Christmas decorations (excluding Christmas tree lights) .......... 1736
- Seasonal decorations (excluding Christmas decorations) ............. 1714

Decorations, wall
Use: Pictures, picture frames or wall decorations ..................... 0652

Decorative hair clips
Use: Hair curlers, curling irons, clips and hairpins ............................ 1682

Decorative yard equipment ........................................... 1417

Decorators, cake
Use: Kitchen gadgets, not elsewhere classified .......................... 0428

Deep fryers, electric .............................................. 0219

Deer stands/tree stands
Use: Scaffolding ................................................ 1816

Defrosting devices
Use: Kitchen gadgets, not elsewhere classified .......................... 0428

Degreasers
Choose among:
- Automotive chemicals (excluding antifreeze, lubricants, waxes and windshield wiper fluids) ..................... 0955
- General-purpose household cleaners (excluding abrasives, ammonia, pine oil and toilet bowl products) ......... 0954

Dehumidifiers ...................................................... 0306
Also consider:
- Air conditioners

Dehydrators
Use: Kitchen gadgets, not elsewhere classified .......................... 0428

Deodorants
Use: Cosmetics ................................................. 1913
Deodorizers, room
Choose among:
Liquid room deodorizers or fresheners ..............................................0973
Solid room deodorizers or fresheners ..............................................0974
If type of room deodorizer is not specifically identified,
Use: Room deodorizers or fresheners, not specified ..........................0975

Deodorizers, toilet bowl
Use: Toilet bowl products ...............................................................0951

Desk lamps
Use: Electric table lamps, floor lamps or desk lamps .......................4071

Desk supplies (excl. pens and pencils) ...........................................1650

Desks, bureaus, chests or buffets ..................................................0604

Desiccants (drying chemicals)
Use: Chemicals, not elsewhere classified ........................................0921

Detectors
Choose among:
Carbon monoxide detectors .........................................................0712
Smoke detectors
Use:
Fire or smoke alarms .................................................................0702

Detergents
Choose among:
Dishwasher detergents ...............................................................0934
Dishwashing liquid ..................................................................0979
Laundry soaps or detergents .........................................................0949
If type of detergent is not specifically identified,
Use: Detergents, not specified ......................................................0976
Also consider:
Soaps

Diaper fasteners (excl. safety pins) ................................................1551

Diaper pail deodorizers
Use: Solid room deodorizers or fresheners ........................................0974

Diaper pails ..................................................................................1528

Diapers .........................................................................................1512

Diesel fuels .................................................................................0962

Diggers, post hole
If powered tool:
Use: Other power garden tools ......................................................1409
If manual tool, use:
Use: Other unpowered garden tools ..........................................1403
If not specified if tool is a powered or a manual tool,
Use: Tools, not specified .................................................................0893

Dining, dinette or kitchen tables
Use: Tables (excl. baby changing tables, billiard or pool tables and television tables or stands) .........................................................4057

Dining rooms (fire)
Use: General home or room involvement in fires ............................1866
Use this code only for home fires where no consumer product can be identified.

Dirt bikes
Use: Two-wheeled, powered, off-road vehicles (incl. dirt bikes and trail bikes; excl. mopeds and minibikes) .................................5036

Discus
Use: Track and field (activity, apparel or equipment; excl. jogging or running for fitness) .........................................................5030

Dishcloths
Use: Towels or cloths ................................................................0666
Dishes
Choose among:
Tableware and accessories (excl. drinking glasses) ...................... 0474
Food warming dishes
Use: Food warmers ...................... 0221
Toy dishes
Use: Toys, not elsewhere classified ........................................ 5004

Dishtowels
Use: Towels or cloths ...................... 0666

Dishwasher detergents .............. 0934

Dishwashers ......................... 0214

Dishwashing liquids ................. 0979

Disks/Discs
Choose among:
Snow disks ....................................... 1274
Compact disks
Use: Phonograph records ...................... 0530

Disinfectants, household
Choose among:
Ammonia, household ...................... 0930
General-purpose household cleaners (excl. abrasives, ammonia, pine oil and toilet bowl products) ...................... 0954
Lye .............................................. 0969
Pine oil cleaning and disinfectant preparations ...................... 0945
Toilet bowl products ...................... 0951

Dispensers, paper cups or towels
Choose among:
Kitchen gadgets ...................... 0428
Public use equipment ...................... 1738

Disposable diapers
Use: Diapers ...................... 1512

Disposers, garbage ...................... 0237
Also consider:
Incinerators
Trash compactors

Distribution systems, electrical
Use: Electrical wire or wiring systems (excl. panelboards, receptacles or interrupters) ...................... 4062

Divans
Use: Sofas, couches, davenports, divans or studio couches ...................... 0679

Dividers, room
Use: Cabinets, racks, room dividers and shelves, not elsewhere classified ...................... 4056

Diving or diving boards ...................... 1278
Also consider:
Scuba diving

Doctor kits, toy
Use: Toys, not elsewhere classified ...................... 5004

Docks
Choose among:
Boat docks ....................................... 7878
Loading docks
Use: Porches, balconies, open-sided floors or floor openings ...................... 1817

Dodgeball
Use: Other ball sports (activity, apparel or equipment) ...................... 3235

Doghouses
Use: Pet supplies (excl. foods and Medicines) ...................... 1715

Dolls and doll equipment (incl. clothes, carriages, dollhouses)
Use: Toys, not elsewhere classified ...................... 5004
Dollies, handtrucks or luggage carriers ........................................................1680

Also consider:
Grocery carts or shopping carts

Door bells
Use: Electrical wire or wiring systems (excl. panelboards, receptacles or interrupters).........................4062

Door hardware
Use: Cabinet or door hardware .................1820

Door openers
Choose among:
Automatic doors or door openers (excl. garage doors) ......................................0137
Automatic garage doors or door openers ..................................................0138
Cabinet or door hardware ...........................................1820

Door security barriers
Use: Window or door security barriers ...................................................1888

Door sills or frames (jambs) ......................... 1878

Door springs
Use: Cabinet or door hardware ..........1820

Doorknobs
Use: Cabinet or door hardware ..........1820

Doormats
Use: Runners, throw rugs or doormats (excl. bathtub mats) ......................0612

Choose among:
Automatic doors or door openers (excl. garage doors) ......................................0137
Automatic garage doors or door openers ..................................................0138
Garage doors (excl. automatic garage doors or door openers) .............1886
Panel doors, flush or slab .........................1845
Screen doors ..................................1827
Sliding glass doors or panels .................1825
Storm doors with glass panels ...............1823
Storm doors without glass panels ...........1858
Other glass doors .........................1882
Other nonglass doors (nongarage) ...........1879

If door is not specifically identified as an automatic door, choose among the codes for non-automatic doors.

If type of glass door is not specifically identified,
Use: Glass doors, not specified .................1883

If type of nonglass door is not specifically identified,
Use: Nonglass doors (nongarage), not specified ..................................1880

If type of door is not specified at all,
Use: Doors, not specified .........................1849

Also consider:
Bathtub enclosures
Door security barriers
Gates

Doorstops ...........................................0434

Downspouts
Use: Gutters, drainpipes, downspouts or runoff pipes ......................1812

Drain cleaners, chemical .........................0929

Drain snakes ........................................0880

Drain pipes
Choose among:
Gutters, drainpipes, downspouts or runoff pipes ......................1812
Plumbing pipes
Use: Pipes (excl. smoking pipes) ..................0374

Product Codes: Page 41

July 1, 2000
Draperies
*Use*: Draperies, curtains or shower
curtains (fabric or plastic) ...................... 0617

Drapery or curtain rods, hooks or rings.. 4055

Drawers
*Use*: Desks, bureaus, chests
or buffets............................................. 0604

Drawing supplies
*Use*: Art supplies or equipment
(excl. ceramics supplies and
paintbrushes)................................. 0564
*Also consider:*
Crayons or chalk

Drawing toys
*Use*: Toys, not elsewhere classified .... 5004

Dressers
*Use*: Desks, bureaus, chests
or buffets............................................. 0604

Dresses
*Use*: Day wear ......................................... 1645

Dressing gowns
*Use*: Nightwear ........................................ 1644

Dressings or bandages
*Use*: First-aid equipment
(excl. medications)............................. 1710

Drill team
*Use*: Sports or recreational
activity, not elsewhere classified ........ 1200

Drill bits

**Code the type of drill used.**

*Choose among:*

- Manual drills .................................. 0829
- Power drills or accessories, portable .................................. 0855
- Power drills or accessories, stationery .......................... 0856

If type of *power drill* is not specifically identified,

- *Use*: Power drills or accessories, not specified .................. 0871

If type of *drill* is not specifically identified,

- *Use*: Drills, not specified .................. 0847

Drill presses
*Use*: Stationary power drills
or accessories................................. 0856

Drills, workshop

*Choose among:*

- Manual drills .................................. 0829
- Power drills or accessories, portable .................................. 0855
- Power drills or accessories, stationery .......................... 0856

If type of *power drill* is not specifically identified,

- *Use*: Power drills or accessories, not specified .................. 0871

If type of *drill* is not specifically identified,

- *Use*: Drills, not specified .................. 0847

Drinking fountains .................................. 0136

Drinking glasses .................................. 0478

Drinking straws .................................. 0443

Driveways .......................................... 7878

Drugs
Choose among:
Antihistamines................................. 1928
Aspirin or aspirin compounds.............. 1923
Aspirin substitutes ............................ 1930
Liquid drugs (excl. aspirin, aspirin substitu
tes, iron preparations and antihistamines)............................ 1927
Preparations containing iron salts........ 1916
Tablet or capsule drugs (excl. aspirin, aspirin substitutes, iron preparations and antihistamines)............. 1931
Other drugs or medications................ 1932
If type of drug is not specifically identified,
Use: Drugs or medications, not specified ....................................... 1929
Also consider:
Liniments or rubbing compounds
Veterinary medicines

Drum corps / marching bands
Use: Sports and recreational activity, not elsewhere classified............... 1200

Dry cleaning sheets
Use: Fabric treatment products (excl. spot removers, cleaning fluids, bleaches and dyes)................................. 0952

Dry gas
Use: Automotive chemicals
(excl. antifreeze, lubricants, waxes and windshield wiper fluids)............... 0955

Dry ice .............................................. 0914

Drywall
Use: House structures and repair or construction materials, not elsewhere classified......................... 1876

Dryers, clothes
Choose among:
Electric clothes dryers ...................... 0106
Gas clothes dryers............................. 0107
Washer-dryer combinations
(within one frame)................................ 0135
If type of clothes dryer is not specifically identified,
Use: Clothes dryers, not specified....... 0127
Also consider:
Clotheslines or clothes drying racks

Dryers, hair........................................ 1602

Drying chemicals/Desiccants
Use: Chemicals, not elsewhere classified........................................ 0921

Drying racks
Use: Clotheslines or clothes drying racks (excl. poles)............................ 1821

Ductwork for heating or cooling systems (excl. flues) ......................... 0371

Dumpsters
Use: Waste containers, trash baskets or refuse bins ............................ 0413

Dune buggies/beach buggies................. 3288

Duplicating machines
Use: Business and office machines ....... 0571

Dyes, noncosmetic.............................. 0957
Ear plugs
Use: Ear protection devices ............................... 1617

Ear protection devices ........................................... 1617

Earrings
Use: Jewelry (excl. watches) ............................... 1616

Easels
Use: Art supplies or equipment
(excl. ceramics supplies and paintbrushes) ............................ 0564

Easter baskets
Use: Seasonal decorations (excl. Christmas decorations) ............................ 1714

Edgers
Choose among:
- Brushcutters, powered ....................................... 1463
- Manual lawn trimmers or edgers ............................ 1450
- Lawn trimmers or edgers, powered
  (excl. brushcutters) ....................................... 1464
If type of edger is not specifically identified,
Use: Pruning or trimming equipment,
  not specified ............................................... 1447

Eggbeaters
Use: Kitchen gadgets, not elsewhere classified ............................... 0428
Also consider:
- Mixers

Eight-track tapes
Use: Recording tapes .............................................. 0531

Elastic bands
Use: Desk supplies (excl. pens and pencils) ............................ 1650

Elastic cords or straps
Use: Stretch cords or straps .................................. 0886

Electrical products
See next entries or refer to specific product.

Electric cords
If attached to appliance, refer to specific product
If unattached,
Use: Unattached appliance or lamp cords .......................... 0684

Electric heat tapes .............................................. 0390

Electric timers ..................................................... 0710

Electrical outlets or receptacles .................................. 4061

Electrical switches or distribution systems
Use: Electrical wire or wiring systems (excl. panelboards, receptacles or interrupters) ............................ 4062

Electrical testing equipment ..................................... 0815
Also consider:
- Voltage adapters
Electrical wire or wiring systems
Choose among:
- Electrical wire or wiring systems (excl. panelboards, receptacles or interrupters) ................................................. 4062
- Panelboards, circuit breakers, ground fault interrupters (GFCIs) or fuses .............................................................. 4063

Electrician's tapes
Use: Tapes (with adhesive surfaces) ................. 0927

Electronic games
Use: Computers (equipment and electronic games) ........................................................................... 0557
Also consider:
- Toys, not elsewhere classified

Elevators or other lifts
(excl. escalators, hoists, jacks, forklifts and automotive lifts) ....................................................... 1889

Emery boards
Use: Manicuring devices .............................. 1659

Enclosures, bathtub or shower
Choose among:
- Glass bathtub or shower enclosures .......... 0609
- Nonglass bathtub or shower enclosures ......................................................................................... 0610
If type of bathtub enclosure is not specifically identified,
Use: Bathtub or shower enclosures, not specified ................................................................. 4030

End tables
Use: Tables (excl. baby changing tables, billiard or pool tables and television tables or stands) ......................... 4057

Energizers
Use: Batteries .............................................. 0884

Engine fuels for models ............................... 1356

Engine oils
Use: Lubricants ............................................ 0913

Engines, internal combustion
(non-vehicular) ........................................... 0820

Entertainment centers
Use: Cabinets, racks, room dividers and shelves, not elsewhere classified ........................................ 4056

Envelopes
Use: Desk supplies (excl. pens and pencils) ................. 1650

Epées
Use: Fencing (activity, apparel or equipment) ................................................................................. 3260

Equipment, agricultural
Use: Industrial equipment ................................ 2200

Equipment, general medical ...................... 2400

Equipment, industrial
Use: Industrial equipment ............................ 2200

Erasers
Choose among:
If eraser is attached to a pen or pencil,
Use: Pens and pencils ..................................... 1685
If eraser is not attached,
Use: Desk supplies (excl. pens and pencils) ......................... 1650

Erector sets
Use: Building sets ........................................ 1345

Escalators ................................................. 1890
Also consider:
- Moving walks
Escape devices
Use: Fire escape devices (excl. ladders) ........................................ 0711

Exercise (activity or apparel, without equipment), incl. aerobics, stretching, walking, jogging, running (excl. track and field) ........................................ 3299

Exercise equipment (excl. weight lifting and gymnastic equipment) .......... 3277

Exercisers, baby .................................................. 1520
Also consider:
- Baby walkers or jumpers
- Other baby carriers

Exhaust fans
Use: Fans .................................................. 0380

Extender rails
Choose among:
- Crib extender rails or youth bed rails ........................................... 1536
- Extender/protective rails for adult beds (not hospital beds)
  Use: Bedsprings or bedframes (excl. bunk beds) ............................. 0601
- Extender/protective rails for hospital beds
  Use: Medical equipment, general .......... 2400

Extension cords ........................................... 0685

Extension ladders ........................................... 0688

Extension work lights
Use: Trouble lights or extension work lights ..................................... 0877

Extinguishers, fire ........................................... 0701

Eye make-up
Use: Cosmetics .................................................. 1913

Eye protection devices ........................................ 1607

Eyedrops
Use: Liquid drugs (excl. aspirin, aspirin substitutes, iron preparations, and anti-histamines) ........................................... 1927

Eyeglasses (excl. sunglasses and contact lenses) ................................ 1606
Fabric cutters
_Use:_ Knives with replaceable blades ..........0836

Fabric softeners
_Use:_ Fabric treatment products (excl. spot removers or cleaning fluids, bleaches and dyes) ..........0952

Fabric treatment products (excl. spot removers or cleaning fluids, bleaches, and dyes) .................0952

Fabrics (not part of finished item) .............4045

Facial and eye make-up
_Use:_ Cosmetics ........................................1913

Facial brushes
_Use:_ Bath or facial brushes .......................1678

Facial saunas
_Use:_ Saunas .............................................1612

Falls, hair
_Use:_ Wigs, falls or hairpieces ..................1605

Fan-heater combinations
_Use:_ Other heaters or heating systems ..........0369

_Also consider:_
Heat pumps

Fans ..........................................................0380

Fans, water-cooled
_Use:_ Air conditioners ..............................0381

Farm tractors
_Use:_ Industrial equipment .........................2200

Farm yards, toy
_Use:_ Toys, not elsewhere classified ..............5004

Fasteners, diaper (excl. safety pins) ..............1551

Fasteners, shoelace (for infants) ..................1539

Faucets or spigots ......................................0699

Faucet water heaters ..................................0236

Favors, party .............................................1720

Fax machines
_Use:_ Computers (equipment and electronic games) .........................................................0557

Fences or fence posts ................................1871

_Also consider:_
Baby gates or barriers
Window or door security barriers

Fencing (activity, apparel or equipment) ..........3260

Ferrous sulfates or glutamates
_Use:_ Preparations containing iron salts ..........1916
Fertilizers
Choose among:
Fertilizers and other chemicals for outdoor use (excl. pesticides) .......... 1053
Plant foods or fertilizers for potted plants .................................. 1445
If type of fertilizer is not specifically identified,
Use: Fertilizers, not specified .................. 1023

Fertilizer spreaders
Use: Seed and fertilizer spreaders .......... 1430

Fiberglass insulation
Use: Thermal or sound insulation materials .................................. 1803
Also consider:
Construction materials

Field hockey (activity, apparel or equipment) .................................. 1295

Figurines
Use: Knickknacks, statues, vases or urns ...................................... 0654

Files
Choose among:
Manicuring devices ..................................... 1659
Manual filing or sanding tools .................... 0862

Filing cabinets
Use: Cabinets, racks, room dividers and shelves .......................... 4056

Film
Use: Photographic equipment (excl. chemicals and projectors) ......... 0536

Filters (excl. swimming pool and aquarium filters) .......................... 4005

Fire escape devices (excl. ladders) .......... 0711
Fire extinguishers .................. 0701
Fire hydrants ........................................ 7878
Fire or smoke alarms .................. 0702
Fire sprinklers .................. 0713

Fires
Use: General home or room involvement in fires .......................... 1866
Use this code only for home fires where no consumer product can be identified.

Firearms
Choose among:
Gas, air or spring-operated guns (incl. BB guns) ...................... 1237
Guns or other firearms .................................. 3224
Guns, not specified .................................. 3253
Also consider:
BBs or pellets
Gunpowder or ammunition (excl. BBs and pellets)

Firecrackers
Use: Fireworks ........................................ 1313

Fireplace equipment .................. 0663

Product Codes : Page 48
July 1, 2000
Fireplaces
Choose among:
Built-in fireplaces ........................................ 0336
Electric fireplaces, factory built .................. 0346
Gas-burning fireplaces, factory built .......... 0334
Wood-burning fireplaces, factory built ......... 0316
If type of fireplace is not specifically identified,
Use: Fireplaces, not specified ....................... 0342
Also consider:
Chimneys

Fireworks .................................................. 1313

First-aid equipment (excl. medications) .......... 1710
Also consider:
Heating or cooling comfort packs (nonelectric)

Fishbowls
Use: Aquariums or accessories .................. 1240

Fishing (activity, apparel or equipment; excl. fishing knives) .......... 3223

Fishing knives
Use: Knives, not elsewhere classified ............ 0464

Fishponds
Use: Decorative yard equipment .................. 1417

Fittings, gas pipe (incl. flexible connectors)
Use: Pipes (excl. smoking pipes) ................. 0374

Fittings, gas tank
Use: Propane, LP or butane gas tanks or fittings ......................................................... 0131

Fixed floor-length glass panels ................. 1867

Fixtures, light .......... See: Lighting equipment

Flagpoles
Use: Poles (excl. fence posts, fishing, pole vaults, playground equipment and telephone poles) ........................................ 0639

Flares .................................................. 1718

Flashbulbs or flash attachments
Use: Photographic equipment (excl. chemicals and projectors) ............... 0536

Flashlight batteries
Use: Batteries ........................................... 0884

Flashlights
Use: Flashlights or battery-powered lanterns .................................................. 1452

Flats (greenhouse supplies)
Use: Greenhouse or gardening supplies (excl. hoses, sprayers, plant stands, tools and chemicals) .................................................. 1413

Flatware (excl. knives) ............................... 0417

Flexible gas connectors
Use: Pipes (excl. smoking pipes) ................. 0374

Flippers
Choose among:
Scuba diving (activity, apparel or equipment) .................................................. 1275
Swimming (activity, apparel or equipment; excl. flotation devices) .............. 3274

Floodlights
Use: Outdoor electric lighting equipment .................................................. 1452

Floor buffers or waxers ............................... 0113
Floor furnaces (built into floor) ................. 0384

Floor hockey
Use: Street hockey (activity, apparel or equipment) ......................... 3245

Floor lamps
Choose among:
Floor lamps or table lamps, halogen .................................. 4070
Floor lamps or table lamps, electric (excl. halogen lamps) ........ 4071

Floor openings
Use: Porches, balconies, open side floors or floor openings .......... 1817

Floor polish
Use: Floor waxes ............................................. 0904

Floor polishers
Use: Floor buffers or waxers .................................. 0113

Floor wax removers
Use: General-purpose household cleaners (excl. abrasives, ammonia, pine oil and toilet bowl products) ......................... 0954

Floor wax ...................................................... 0904

Floor waxes
Use: Floor buffers or waxers .................................. 0113

Floors or flooring materials ...................................... 1807

Flotation toys (excl. official life saving devices) ......................... 3279

Flower pots
Use: Greenhouse or gardening supplies (excl. hoses, sprayers, plant stands, tools and chemicals) .................................. 1413

Flowers, artificial
Use: Artificial flowers or plants .................................. 0653

Flues
Use: Metal chimneys, stove-pipes or flues ............................ 0373

Fluorescent tubes or bulbs
Use: Light bulbs (excl. Christmas tree light bulbs) ................. 0627

Flush doors
Use: Panel doors, flush or slab .................................. 1845
Also consider: Doors

Flying toys (excl. kites, rockets and gasoline- or other fuel-powered models) .................................. 1317
Also consider: Models

Foil, aluminum
Use: Aluminum foil wrapping products ................................ 1139

Foils
Use: Fencing (activity, apparel or equipment) ......................... 3260

Folding chairs
Use: Beach chairs or folding chairs ................................ 4016

Folding doors
Use: Other nonglass doors (nongarage) ............................. 1879
<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Folding high chairs</td>
<td>Use: High chairs</td>
<td>1555</td>
</tr>
<tr>
<td>Folding stairs</td>
<td>Use: Pull-down or folding stairs</td>
<td>1840</td>
</tr>
<tr>
<td>Folding tables</td>
<td>Use: Tables (excl. baby changing tables, pool or billiard tables and television tables or stands)</td>
<td>4057</td>
</tr>
<tr>
<td>Folding trays</td>
<td>Use: Trays (excl. food warmers)</td>
<td>0432</td>
</tr>
<tr>
<td>Fondue pots</td>
<td></td>
<td>0462</td>
</tr>
<tr>
<td>Food dehydrators</td>
<td>Use: Kitchen gadgets, not Elsewhere classified</td>
<td>0428</td>
</tr>
<tr>
<td>Food grinders</td>
<td></td>
<td>0471</td>
</tr>
<tr>
<td>Food processors</td>
<td></td>
<td>0275</td>
</tr>
<tr>
<td>Food slicers</td>
<td>Use: Slicers and choppers</td>
<td>0469</td>
</tr>
<tr>
<td>Food warmers</td>
<td></td>
<td>0221</td>
</tr>
<tr>
<td>Foods</td>
<td>For cooking fires (food or grease), also use: General home or room involvement in fires</td>
<td>1933</td>
</tr>
<tr>
<td>Football (activity, apparel or equipment)</td>
<td></td>
<td>1211</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Footboards</td>
<td>Use: Bedsprings or bedframes (excl. bunk beds)</td>
<td>0601</td>
</tr>
<tr>
<td>Footlockers</td>
<td></td>
<td>0693</td>
</tr>
<tr>
<td>Footstools</td>
<td>Choose among: Upholstered footstools, ottomans or hassocks</td>
<td>4015</td>
</tr>
<tr>
<td></td>
<td>Other stools</td>
<td>4026</td>
</tr>
<tr>
<td>Footwear</td>
<td>If injury occurs during playing of a sport or game requiring special footwear, use code for that sport. If not, Use: Footwear</td>
<td>1615</td>
</tr>
<tr>
<td></td>
<td>Also consider: Waders</td>
<td></td>
</tr>
<tr>
<td>Forklifts</td>
<td>Use: Industrial equipment</td>
<td>2200</td>
</tr>
<tr>
<td>Forks</td>
<td>Use: Flatware (excl. knives)</td>
<td>0417</td>
</tr>
<tr>
<td>Formaldehyde</td>
<td>Consult entry for specific product, such as: Carpets, Chemicals, Panels or paneling, Thermal or sound insulation materials</td>
<td></td>
</tr>
<tr>
<td>Forts, toy</td>
<td>Use: Toys, not elsewhere classified</td>
<td>5004</td>
</tr>
<tr>
<td></td>
<td>Also consider: Treehouses or playhouses</td>
<td></td>
</tr>
</tbody>
</table>
Fountain pumps
Use: Pumps, not elsewhere classified................................. 1462

Fountains
Choose among:
- Decorative yard equipment.......................... 1417
- Drinking fountains ........................................ 0136

Four by four (4 x 4) motor vehicles
Use: Motor vehicles or parts (licensed; four or more wheels)........ 1901

Four-wheeled ATV’s (excl. dune buggies)................................. 3286

Four or more wheeled motor vehicles or parts, licensed ................. 1901

Frames
Choose among:
- Bed frames
  Use: Bedsprings or bedframes (excl. bunk beds).................. 0601
- Door frames
  Use: Door sills or frames ................................ 1878
- Picture frames
  Use: Pictures, picture frames or wall decorations .............. 0652
- Window frames
  Use: Window sills or frames ................................ 1870

Franklin stoves
Use: Coal or wood-burning stoves .............. 0367
Also consider:
- Stovepipes

Freezers (separate from refrigerators) ...... 0263

Freezers, ice cream
Use: Ice cream makers ........................................... 0274

Fresheners, air
Choose among:
- Liquid room deodorizers or fresheners......................... 0973
- Solid room deodorizers or fresheners........................... 0974
If type of air freshener is not specifically identified,
Use: Room deodorizers or fresheners, not specified .......... 0975

Fresheners, breath (non-aerosol)
Use: Mouthwashes or mouth mouth rinses (excl. peroxide)......... 1940

Fryers, deep
Use: Deep fryers, electric ................................ 0219

Frying pans
Choose among:
- Electric frying pans or skillets ......................... 0222
- Metal cookware (nonelectric; excl. pressure cookers and canners) .................. 0460
- Nonmetal cookware (nonelectric) ......................... 0461
If type of frying pan is not specifically identified,
Use: Cookware, not specified ............................ 0466

Fuel multi-purpose lighters (incl. micro-torches) .................. 1688
Also consider:
- Multi-purpose lighters, electric

Fuel-burning lighting equipment .................. 4060
**Fuel oils**

*Choose among:*
- Diesel fuels ........................................ 0962
- Kerosene ............................................ 0963
- Lamp oils ............................................ 0964

*If type of fuel oil is not specifically identified, Use: Fuel oils, not specified .................... 0965*

*Also consider:*
- Engine fuels for models

**Fuel storage tanks**

*Choose among:*
- Fuel storage tanks (excl. propane, LP and butane tanks) ...................... 0980
- Propane, LP or butane gas tanks or fittings .................................... 0131

*Also consider:*
- Gasoline cans

**Fuels**

*Choose among:*
- Fuels for chafing dishes or fondue pots .................................... 0941
- Engine fuels for models ............................................. 1356

**Furnaces**

*Choose among:*
- Floor furnaces (built into floor) ..................... 0384

*If the furnace is not specifically identified as a floor furnace, choose among:*
- Coal furnaces .................................... 0309
- Electric furnaces (excl. floor furnaces) ..................... 0318
- Gas furnaces (excl. floor furnaces) ..................................... 0310
- Oil furnaces (excl. floor furnaces) ..................................... 0311

*If type of furnace is not specifically identified, Use: Furnaces, not specified ......................... 0322*

**Furnishings, workshop** ......................................... 0854

**Furniture (beds)**

*Choose among:*
- Bassinets or cradles ...................................... 1537
- Bedsprings or bedframes (excl. bunk beds) ....................... 0601
- Bunk beds ............................................. 0661
- Car beds (for infants) ...................................... 1534
- Convertible beds, hideaway beds or sofa beds ......................... 0680
- Cots .................................................. 4069
- Cribs (excl. portable cribs) .................................. 1543
- Futons ................................................ 4064
- Portable cribs ........................................ 1529
- Waterbeds or water pillows ........................................ 0662

*If type of crib is not specifically identified, Use: Cribs, not specified ......................... 1545*

*If type of bed is not specifically identified, Use: Beds, not specified ......................... 0694*

**Furniture (chairs)**

*Choose among:*
- Attachable high chairs .................................. 1556
- Beach chairs or folding chairs ...................... 4016
- High chairs ............................................. 1555
- Potty chairs (child) or training seats ............. 1535
- Recliner chairs, nonupholstered ..................... 4017
- Recliner chairs, upholstered ......................... 4019

*If type of recliner chair is not specifically identified, Use: Recliner chairs, not specified ...... 4023*

- Rocking chairs, nonupholstered ...................... 4018
- Rocking chairs, upholstered ............................ 4020

*If type of rocking chair is not specifically identified, Use: Rocking chairs, not specified ...... 4024*

- Youth chairs ............................................. 1518
- Other upholstered chairs ............................... 4052
- Other chairs .......................................... 4021

*If type of upholstered chair is not specifically identified, Use: Upholstered chairs, not specified .... 4053*

*If type of chair is not identified at all, Use: Chairs, not specified ......................... 4022*

*Also consider:*
- Wheelchairs
### Furniture (stools)

*Choose among:*
- Barstools or kitchen stools .................. 4025
- Step stools ........................................... 0620
- Upholstered footstools, ottomans, or hassocks ............... 4015
- Other stools .......................................... 4026
- Stools, not specified ......................... 4003

Furniture entries continue on next page.

### Furniture (tables)

*Choose among:*
- Baby changing tables ......................... 1502
- Billiard or pool tables
  Use: Billiards or pool (activity, apparel or equipment) ............ 1260
- Nightstands
  Use: Tables (excl. baby changing tables, pool or billiard tables and television tables or stands) ............. 4057
- Television tables or stands .................. 0519
- Tables, not elsewhere classified
  Use: Tables (excl. baby changing tables, billiard or pool tables and television tables or stands) ............. 4057

### Furniture (other)

*Choose among:*
- Bars and bar accessories (excl. gymnastic and weight lifting equipment) ........................................ 4058
- Benches (excl. workbenches) .................... 0687
- Cabinets, racks, room dividers and shelves ............. 4056
- Desks, bureaus, chests or buffets .................. 0604
- Entertainment centers
  Use: Cabinets, racks, room dividers and shelves ............. 4056
- Inflatable furniture ................................. 4011
- Nightstands
  Use: Tables (excl. baby changing tables, pool or billiard tables and television tables or stands) ............. 4057
- Sofas, couches, davenports, divans or studio couches ........ 0679
- Other furniture ...................................... 4013
- If type of furniture is not specifically identified,
  Use: Furniture, not specified ..................... 4014
- Also consider:
  Lawn furniture

### Furniture, doll

Use: Toys, not elsewhere classified ........................................ 5004

### Furniture cleaners

Use: General-purpose household cleaners (excl. abrasives, ammonia, pine oil and toilet bowl products) ............ 0954

Also consider:
- Furniture polishes or waxes

### Furniture polishes or waxes .................. 0905

### Fuses or fuse boxes

Use: Panelboards, circuit breakers, ground fault circuit interrupters or fuses) ............................................. 4063

### Futons .............................................. 4064
**Gadgets, kitchen**
*Use:* Kitchen gadgets, not elsewhere classified .......................... 0428

**Galoshes**
*Use:* Footwear ........................................................................ 1615

**Games (adult or children's, excl. sports)**
*Choose among:*
  - Computers (equipment and electronic games) ......................... 0557
  - Toys, not elsewhere classified ........................................... 5004
*Also consider:*
  - Sports

**Garage door openers, automatic .................. 0138**

**Garage doors**
*Choose among:*
  - Automatic garage doors or door openers ................................ 0138
  - Garage doors (excl. automatic garage doors or door openers) .. 1886

**Garages**
*Choose among:*
  - Attached garages
    *Use:* House structures and repair or construction materials, not elsewhere classified .................. 1876
  - Separate garages
    *(or not specified as attached)* ......................................... 7878
  - Toy garages
    *Use:* Toys, not elsewhere classified ................................... 5004

**Garbage cans**
*Use:* Waste containers, trash baskets or refuse bins ................ 0413

**Garbage compactors**
*Use:* Trash compactors .................................................. 0252
*Also consider:*
  - Garbage disposers

**Garbage disposers .................................................. 0237**
*Also consider:*
  - Incinerators
  - Trash compactors

**Garden furniture .................. See: Lawn furniture**

**Garden hoses, nozzles or sprinklers ............ 1414**

**Garden or yard tools**
Consult entry for particular garden tool.
*If the specified power garden tool is not listed elsewhere,*
  *Use:* Other power garden tools ........................................ 1409
*If the specified manual garden tool is not listed elsewhere,*
  *Use:* Other unpowered garden tools ................................ 1403
*If not specified if tool is a garden tool or workshop tool or not specified if it is a powered or manual tool,*
  *Use:* Tools, not specified ............................................ 0893

**Garden sprayers ............................................. 1407**

**Garden tractors ............................................. 1405**
Gardening supplies
Use: Greenhouse or gardening supplies (excl. hoses, sprayers, plant stands, tools and chemicals) ..................................1413
Also consider:
Garden or yard tools

Gargles
Use: Mouthwashes or mouth rinses (excl. peroxide) ..........................1940

Gas connectors, flexible
Use: Pipes (excl. smoking pipes) ......................0374

Gas masks
Use: Respiratory protection devices........ 1618

Gas pipes, pipe fittings or distribution systems
Use: Pipes (excl. smoking pipes) .................0374

Gas tanks or tank fittings
Choose among:
Fuel storage tanks (excl. propane, LP and butane tanks)..................0980
Propane, LP, or butane gas tanks or fittings ...................................0131
Also consider:
Gasoline cans

Gas, air or spring-operated guns (incl. BB guns) .........................1237
Also consider:
BBs or pellets

Gas-burning products
Consult entry for specific product.

Gasoline and gasoline containers
Choose among:
Gasoline .................................................0910
Gasoline cans ...........................................0981
Gasoline pumps
Use: Fuel storage tanks (excl. propane, LP and butane tanks)..........0980
Also consider:
Fuel oils

Gasoline engines
Use: Internal combustion engines, non-vehicular ................................0820

Gates
Choose among:
Baby gates or barriers ......................1506
Fences or fence posts ..............................1871
Also consider:
Window or door security barriers

Gazebo
Use: Porches, balconies, open-side floors or floor openings .............1817

Gel, silica
Use: Chemicals, not elsewhere classified ........................................0921

General home or room involvement in fires ........................................1866
Use this code only for home fires where no consumer product can be identified.

Generators or power plants .........................0606

GFCIs (ground fault circuit interrupters)
Use: Panelboards, circuit breakers, ground fault circuit interrupters or fuses) .......................................4063
### Girdles
*Use*: Day wear ........................................... 1645

### Glass
If glass pieces are of unknown or unspecified origin ........................................... 7878
Otherwise, consult entry for specific glass product.

### Glass bottles or jars
Choose among:
- Baby bottles or nipples ........................................... 1509
- Canning jars or lids ........................................... 1136
- Glass alcoholic beverage bottles ...................... 1122
- Glass cookware
  *Use*: Nonmetal cookware (nonelectric) ......................... 0461
- Glass soft drink bottles ........................................... 1120
- Other glass bottles or jars ........................................... 1134
If type of glass bottle or jar is not specifically identified,
*Use*: Glass bottles or jars, not specified .... 1140
Also consider:
- Hot water bottles
- Glass tubing or test tubes

### Glass cutters
Choose among:
- Glass bottle cutting equipment ......................... 0532
- Other manual workshop tools ......................... 0881

### Glass doors
Choose among:
- Sliding glass doors or panels ........................................... 1825
- Storm doors with glass panels ........................................... 1823
- Other glass doors ........................................... 1882
If type of glass door is not specifically identified,
*Use*: Glass doors, not specified .... 1883

### Glass ornaments
Choose among:
- Christmas decorations (nonelectric) ........................... 1729
- Knickknacks, statues, vases or urns ......................... 0654
- Seasonal decorations (excl. Christmas decorations) .... 1714

### Glass panels
Choose among:
- Fixed floor-length glass panels ........................................... 1867
- Sliding glass doors or panels ........................................... 1825
Also consider:
- Doors
- Windows

### Glass shelves
*Use*: Cabinets, racks, room dividers and shelves; not elsewhere classified ........................................... 4056

### Glass tubing or test tubes ........................................... 1124

### Glasses (spectacles)
Choose among:
- Eyeglasses (excl. sunglasses and contact lenses) ................. 1606
- Eye protection devices ........................................... 1607
- Sun glasses
  *Use*: Eye protection devices ......................... 1607
- Contact lenses ........................................... 1624

### Glasses, drinking ........................................... 0478

### Glasses, field or opera
*Use*: Telescopes, binoculars, microscopes or magnifying glasses ........... 0529

### Glasses, magnifying
*Use*: Telescopes, binoculars, microscopes or magnifying glasses ........... 0529

### Glass, architectural
Choose among:
- Doors .................................................. See: Doors
- Glass panels .................................................. See: Glass panels
- Windows .................................................. See: Windows

### Glider
Choose among:
- Porch glider
Use: Other furniture ......................... 4013
Playground glider
  Use: Other playground equipment .......... 3219
Hang gliders ..................................... 7878

Gloves
  Use: Clothing accessories .................... 1647

Glue guns ........................................... 0869

Glues
  Use: Adhesives (excl. tapes) .................... 0909

Go-carts ............................................ 3259

Goggles
  Choose among:
  Safety goggles
    Use: Eye protection devices ............... 1607
  Swimming goggles
    Use: Swimming (activity, apparel or equipment) ........ 3274

Golf (activity, apparel or equipment; excl. golf carts) ......................... 1212

Golf carts ......................................... 1213

Grab bars
  Use: Bathtubs or showers (incl. fixtures or accessories; excl. enclosures, faucets, spigots and towel racks) ........ 0611

Grass and leaf catchers (attachments) ...... 1431

Grass skiing
  Use: Sports and recreational activity, not elsewhere classified ..................... 1200

Grass trimmers or edgers
  Choose among:
  Manual lawn trimmers or edgers .......... 1450
  Lawn trimmers or edgers, powered (excl. brushcutters) ..................... 1464
  If type of grass trimmer or edger is not specifically identified,
    Use: Pruning or trimming equipment, not specified ..................... 1447

Grates
  Use: Slicers and choppers .................... 0469

Grates, fireplace
  Use: Fireplace equipment ..................... 0663

Gravity knives
  Use: Knives, not elsewhere classified ....... 0464

Grease fires (from cooking)
  Use: Foods ........................................ 1933
  and also code: General home or room involvement in fires ..................... 1866

Grease (machine or engine)
  Use: Lubricants ................................ 0913

Greenhouse or gardening supplies
  (excl. hoses, sprayers, plant stands, tools and chemicals) ............. 1413

Griddles, electric ................................ 0223
Grills (cooking)
Choose among:
- Charcoal or wood-burning grills ................. 3218
- Electric grills ........................................ 3229
- Gas or LP grills or stoves ......................... 3248

Hibachis
Use: Charcoal or wood-burning grills ................. 3218
Kerosene grills or stoves ............................ 3230
Other grills or stoves ................................. 3233
If type of grill is not specifically identified,
Use: Grills, not specified ............................ 3249
Also consider:
Stoves

Grills (for heating or cooling systems)
Use: Ductwork for heating or cooling systems (excl. flues) ................. 0371

Grinders
Choose among:
- Coffee grinders ........................................ 0471
- Food grinders ........................................ 0471
- Leaf grinders
  Use: Power leaf mulchers and grinders ................. 1433
Workshop grinders
If a manual grinder, use:
  Other manual workshop tools ....................... 0881
If a power grinder, choose among:
  Portable power workshop grinders, buffers or polishers ............................... 0865
  Stationary power workshop grinders, buffers or polishers ............................. 0873
If type of power workshop grinder is not specifically identified as portable or stationary, use:
  Power workshop grinders, buffers or polishers, not specified ........................ 0876

Grinding
Use: In-line skating (activity, apparel, or equipment) ......................... 3297

Grindstones
Choose among:
- Nonelectric knife sharpeners ...................... 0421
- Electric knife sharpeners ........................... 0240
Grinders ................................................ See: Grinders

Grocery or shopping carts ............................. 1679

Grounding devices
Use: Lightning rods or arresters, antenna discharge units or other grounding devices ..................... 0706

Ground fault circuit interrupters (GFCI)
Use: Panelboards, circuit breakers, ground fault circuit interrupters or fuses ......................... 4063

Grout
Use: Workshop compounds or chemicals ................................. 0833

Gun cabinets or racks
Use: Cabinets, racks, room dividers and shelves, not elsewhere classified ................................. 4056

Gunpowder or ammunition (excl. BBs and pellets) ......................... 1935
Guns
*Choose among:*
- Gas, air or spring-operated guns (incl. BB guns) ......................... 1237
- Guns or other firearms ............................................ 3224
- Guns, not specified ............................................. 3253
- Glue guns .......................................................... 0869
- Soldering guns
  *Use:* Electric soldering equipment ................. 0866
- Staple guns
  *Use:* Heavy-duty workshop staplers ....................... 0834
- Stud or nail guns
  *Use:* Nail guns or stud drivers ............................ 0882
- Tear gas guns
  *Use:* Personal protection devices ....................... 1619
- Toy guns
  *Choose among:*
  - Toy caps, cap toys or cap guns ....................... 5015
  - Toy guns with projectiles ............................. 1399
  - Other toy guns ............................................. 5006
  *If type of toy gun is not specifically identified,*
  *Use:* Toy guns, not specified ......................... 1390
  *Also consider:*
  - BBs or pellets
  - Gunpowder or ammunition (excl. BBs and pellets)

Gutters, drainpipes, downspouts or runoff pipes ........................................ 1812

Gymnastics (activity, apparel or equipment) ............................................. 1272
  *Also consider:*
  - Exercise equipment

Gyms (apparatus)
*Choose among:*
- Crib mobiles or crib gyms .................................. 1526
- Monkey bars, playground gyms or other playground climbing apparatus  .......... 1244
Hackey sack
Use: Sports and recreational activity, not elsewhere classified .......................... 1200

Hacksaws
Choose among:
Hand saws ........................................... 0830
Power hacksaws .................................... 0844
If type of hacksaw is not specifically identified,
Use: Saws, not specified .......................... 0845

Hairbrushes
Use: Combs or hairbrushes, unpowered .................................. 1638

Hair clippers and trimmers .................. 1683

Hair curlers, curling irons, clips and hairpins ................. 1682

Hair dryers ............................................ 1602

Hair cleaning/coloring/straightening preparations
Use: Cosmetics ........................................... 1913

Hair falls
Use: Wigs, falls or hairpieces .................. 1605

Hair grooming equipment or accessories
Choose among:
Combs or hairbrushes, unpowered .......... 1638
Electric combs ........................................... 1637
Hair curlers, curling irons, clips and hairpins .................. 1682
Hair dryers ............................................ 1602
Hair picks
Use: Combs or hairbrushes, unpowered .................. 1638
If type of comb is not specifically identified,
Use: Combs, not specified .......................... 1651
If type of hair grooming equipment is not specifically identified,
Use: Hair grooming equipment or accessories, not specified ...... 1662

Hair preparations
Use: Cosmetics ........................................... 1913

Hair picks
Use: Combs or hairbrushes, unpowered .................. 1638

Hairpieces
Use: Wigs, falls or hairpieces .................. 1605

Hairpins
Use: Hair curlers, curling irons, clips and hairpins ................. 1682

Halloween decorations
Use: Seasonal decorations (excl. Christmas decorations) ......... 1714

Halls (fire)
Use: General home or room involvement in fires .................. 1866
Use this code only for home fires where no consumer product can be identified.
Halogen floor or table lamps .................... 4070

Hammers
Choose among:
Hammers ........................................ 0827
Air hammers or jack hammers
Use: Other portable or stationary power tools ............... 0809

Hammer throw
Use: Track and field (activity, apparel or equipment; excl. jogging or running for fitness) ....................... 5030

Hammocks ......................................... 5037

Hampers, laundry ................................. 0672

Hand cultivators
Use: Other unpowered garden tools ............... 1403

Hand garden tools
Use: Other unpowered garden tools ............... 1403

Hand grips
Choose among:
Bathtub safety handles/grips
Use: Bathtubs or showers (incl. fixtures or accessories; excl. enclosures, faucets, spigots and towel racks) .............. 0611
Exercise grips
Use: Exercise equipment (excl. weight lifting and gymnastic equipment) ......................... 3277

Hand lawn mowers ............................... 1402

Handbags
Use: Clothing accessories ....................... 1647

Handball (activity, apparel or equipment) ..................... 1282

Handcuffs
Use: Padlocks, chain locks or other locks .................. 0707

Handrails, railings or banisters ................ 1829
Also consider:
Hand grips, bathtub

Handtrucks
Use: Dollies, handtrucks or luggage carriers ............. 1680

Hang gliders (activity, apparel or equipment) .............. 7878

Hangers, clothes
Use: Tie racks, belt racks or other clothes hangers .......... 0419

Hardware
Choose among:
Cabinet or door hardware .......................... 1820
Nails, screws, tacks or bolts ...................... 1819

Harnesses, baby .................................. 1524
Also consider:
Baby carriers

Harrow (not farm equipment)
Use: Power tillers or cultivators (not farm equipment) ........... 1408

Hassocks
Choose among:
Upholstered footstools, ottomans or hassocks ................ 4015
Other stools ........................................ 4026
Stools, not specified .............................. 4003

Hatchets or axes .................................... 1426
Hats
Use: Clothing accessories.....................1647
Also consider:
Clothing

Headboards
Use: Bedsprings or bedframes
(excl. bunk beds).................................0601

Headgear
Use code for specific product or activity associated with the headgear, e.g., bicycles or football.

Headphones
Use: Stereo or hi-fi components or accessories (excl. self-contained units)..........................0546

Hearing aids....................................1620

Heat or infrared lamps .......................1634
Also consider:
Sunlamps

Heat pumps........................................0365

Heat tapes, electric .............................0390

Heaters, gas
Choose among:
Gas or LP floor or wall heaters..............0386
Gas or LP heaters, not elsewhere classified.................................................................0389
If type of heater is not specifically identified as gas or electric:
Use: Heaters or heating systems, not specified...............................................................0370

Heaters, other
Choose among:
Alcohol-fueled heaters..........................1255
Catalytic heaters....................................0366
Coal or wood-burning stoves .................0367
Gasoline heaters (noncatalytic)..............0368
Kerosene or oil heaters.........................0399
Other heaters or heating systems...........0369
If type of heater is not specifically identified:
Use: Heaters or heating systems, not specified...............................................................0370

Heaters, aquarium
Use: Aquariums or accessories ..............1240

Heaters, greenhouse
Use: Greenhouse or gardening supplies (excl. hoses, sprayers, plant stands, tools and chemicals).............1413

Heaters, water
Choose among:
Electric water heaters (excl. immersion heaters).................................0119
Faucet water heaters................................0236
Gas water heaters................................0118
Immersion water heaters, electric............0242
Other water heaters..............................0133
If type of water heater is not specifically identified,
Use: Water heaters, not specified..............0134

Heaters, waterbed
Use: Waterbeds or water pillows...............0662
Heating pads, electric.......................... 0110

Heating or cooling comfort packs (nonelectric)......................... 1742

Heating registers or grills
Use: Ductwork for heating or cooling systems (excl. flues)........ 0371

Heating/air conditioning systems, combination
Use: Heat pumps................................. 0365

Hedge trimmers
Choose among:
Manual hedge trimmers.......................... 1449
Power hedge trimmers........................... 1427
If type of hedge trimmer is not specifically identified,
Use: Pruning or trimming equipment, not specified.................. 1447

Helicopters (model or toy)
Choose among:
Flying toy helicopters
Use: Flying toys (excl. kites, rockets and gasoline or other fuel-powered models).......................... 1317
Model helicopters. See: Models
Riding toys. See: Riding toys
Toy helicopters (excl. riding toys)
Use: Toys, not elsewhere classified.......................... 5004

Helmets
Use code for specific product or activity associated with the helmets, e.g., bicycles or football.

Hi-fi equipment
Choose among:
Amateur two-way radios.......................... 0545
Radios (self-contained units; excl. two-way radios)............ 0555
Record players (self-contained units).......................... 0563
Stereo or hi-fi components or accessories (excl. self-contained units)........................................ 0546
Tape recorders or players (self-contained units).................. 0556
Other sound recording, reproducing or receiving equipment......... 0573
If type of radio is not specifically identified,
Use: Radios, not specified.......................... 0559
If type of hi-fi equipment is not specifically identified,
Use: Sound recording, reproducing or receiving equipment, not specified.......................... 0547

Hibachis
Use: Charcoal or wood-burning grills.......................... 3218

Hideaway beds
Use: Convertible beds, hideaway beds or sofa beds.................. 0680

High chairs
Choose among:
Attachable high chairs (incl. booster seats)....................... 1556
High chairs........................................ 1555

High jump
Use: Track and field (activity, apparel or equipment; excl. jogging or running for fitness)...................... 5030
Hiking
*Use:* Exercise (activity or apparel, without equipment), incl. aerobics stretching, walking, jogging, running (excl. track and field)..................3299

Hinges
*Use:* Cabinet or door hardware..............1820

Hobby horses
*Use:* Nonwheeled riding toys, unpowered (e.g., rocking or bouncing horses)....................1327

Hobby materials and equipment
*Use:* Art supplies or equipment (excl. ceramics supplies and paintbrushes) .........................0564

Hockey
*Choose among:*
  Field hockey (activity, apparel or equipment) .............................................1295
  Floor or indoor hockey
    *Use:* Street hockey (activity, apparel or equipment) ............................3245
  Ice hockey (activity, apparel or equipment) .............................................1279
  Roller hockey (activity, apparel or equipment) ......................................5032
  Street hockey (activity, apparel or equipment) ......................................3245
  Table or air hockey
    *Use:* Toys, not elsewhere classified .............................................5004
*If type of hockey is not specifically identified, *
  *Use:* Hockey (activity, apparel or equipment), not specified ....................3272

Hoes
*Use:* Other unpowered garden tools ............1403

Hoists, lifts, jacks or jack stands ............0814

Hole diggers
*If powered tool:*
  *Use:* Other power garden tools ............1409
*If manual tool, use:*
  *Use:* Other unpowered garden tools ............1403
*If not specified if tool is a powered or a manual tool, *
  *Use:* Tools, not specified .........................0893

Home equipment, toy
*Choose among:*
  Toy irons, electric ........................................1335
  Toy ovens, electric .................................1334
*If type of toy home equipment is not specifically identified, *
  *Use:* Toys, not elsewhere classified .............................................5004

Home fires
*Use:* General home or room involvement in fires .....................................1866
*Use this code only for home fires where no consumer product can be identified.*

Hoods, range or oven
*Use:* Fans ...................................................0380

Hooks
*Choose among:*
  Hardware hooks
    *Use:* Cabinet or door hardware .............1820
  Drapery or curtain hooks
    *Use:* Drapery or curtain rods, hooks or rings ..................................4055
  Fishing hooks
    *Use:* Fishing (activity, apparel or equipment; excl. fishing knives) ..........3223

Hors d’oeuvre picks
*Use:* Toothpicks or hors d’oeuvre picks .........0431
Horseback riding (activity, apparel or equipment).......................... 1239

Horses, rocking
*Use:* Nonwheeled riding toys, unpowered (e.g., rocking or bouncing horses).......................... 1327

Horseshoes (activity, apparel or equipment).................................. 1257

Hose/hosiery
*Use:* Day wear ........................................... 1645

Hoses
*Use:* Garden hoses, nozzles or sprinklers .................................. 1414

Hospital beds
*Use:* Medical equipment, general .................. 2400

Hot pads
*Use:* Potholders, oven mitts or hot pads ........................................ 0436

Hot pots
*Use:* Electric kettles or hot pots ................. 0269
*Also consider:* Slow cookers

Hot tubs
*Use:* Whirlpools, hot tubs or home spas .................. 0698
*Also consider:* Saunas

Hot water .................................................... 1934

Hot water bottles
*Use:* First-aid equipment (excl. medications) .................. 1710

Hot water heaters ............... See: Water heaters

Hot water pipes
*Use:* Pipes (excl. smoking pipes) ............... 0374

Hotplates ..................................................... 0224

Household cleaners
*Choose among:*
- Abrasive cleaners ........................................ 0953
- Acids (excl. drain cleaners and battery acids) .................................................................. 0936
- Ammonia, household ........................................ 0930
- Bleaches, noncosmetic ................................ 0956
- Caustics (excl. lye) ........................................ 0968
- Drain cleaners ........................................... 0929
- General-purpose household cleaners (excl. abrasives, ammonia, pine oil and toilet bowl products) ........................................ 0954
- Laundry soaps or detergents .................. 0949
- Lye .......................................................... 0969
- Metal polishes; tarnish removers or preventatives ........................................ 0931
- Oven cleaners ............................................. 0942
- Pine oil cleaning and disinfectant preparations ........................................ 0945
- Scouring cleaners
  *Use:* Abrasive cleaners ........................................ 0953
- Scouring pads or steel wool
  *Use:* Manual cleaning equipment (excl. buckets or pails) ........................................ 0480
- Soaps (excl. laundry soaps or detergents) ........................................ 0983
- Spot removers or cleaning fluids ................. 0977
- Toilet bowl products ................................ 0951
- Turpentine ................................................ 0933
- Wallpaper cleaners, chemical .................. 0970
*If the type of household cleaner is not specifically identified,*
  *Use:* General-purpose household cleaners (excl. abrasives, ammonia, pine oil and toilet bowl products) ........................................ 0954
*Also consider:*
- Cleaning equipment
Houseplants
Use: Plants, trees and shrubs (living) .......2002
Also consider:
Artificial plants

House structures and repair or construction materials, not elsewhere classified .........................1876

House fires
Use: General home or room involvement in fires .................................1866
Use this code only for home fires where no consumer product can be identified.

Houses, pet
Use: Pet supplies (excl. foods and Medicines) ........................................1715

Humidifiers ..................................................0304
Also consider:
Vaporizers

Hunting knives
Use: Knives, not elsewhere classified..................................................0464

Hunting platforms
Use: Scaffolding ..................................................1816

Hurdles
Use: Track and field (activity, apparel or equipment; excl. jogging or running for fitness) ..........5030

Hurricane lamps
Use: Fuel-burning lighting equipment ..................................................4060

Hydrants ..............................................................7878

Hydrochloric acid
Use: Acids (excl. drain cleaners and battery acids) .....................................0936

Hypodermic needles or syringes .............1716
Ice, dry .........................................................0914

Ice crackers
Use: Bars and bar accessories
(excl. gymnastic and weight lifting equipment) ........................................4058

Ice cream makers........................................0274

Ice crushers.................................................0270
Also consider:
Ice picks

Ice hockey (activity, apparel or equipment) ...........................................1279

Ice makers (separate from refrigerators) ...............................................0227

Ice or snow boating (activity, apparel or equipment) ............................3247

Ice picks.......................................................0427

Ice scrapers
Use: Manual snow or ice removal tools .................................................1415

Ice skating (activity, apparel or equipment) ..........................................3255

Igniters, charcoal
Choose among:
Electric multi purpose lighters ......................................................... 1689
Fuel multi-purpose lighters (incl. micro-torches) .................................. 1688
If type of charcoal igniter is not specifically identified,
Use: Multi-purpose lighters, not specified ........................................... 1690

Immersion water heaters, electric ................. 0242

Incense
Use: Solid room deodorizers or fresheners ............................................. 0974

Incinerators ................................................ 0139

Indoor hockey
Use: Street hockey (activity, apparel or equipment) ............................ 3245

Industrial Equipment ................................... 2200

Infant seats
Use: Other baby carriers ......................................................... 1549
Also consider:
Baby carriers
Car seats (for infants or children)
High chairs
Potty chairs or training seats

Infant products
See specific products listed under “Baby”

Inflatable furniture ............................................. 4011

Inflatable toys (excl. balls and balloons) .......................................... 1325
Infrared lamps
Use: Heat or infrared lamps ...................... 1634
Also consider:
Sunlamps

Ink or ink pads
Use: Desk supplies (excl. pens and pencils).................................................. 1650

In-line skating (activity, apparel or equipment) ............................................ 3297

Inner tubes
Choose among:
Snow tubing (activity, apparel or equipment) .............................................. 1299
Water tubing (activity, apparel or equipment) ............................................... 3200
Flotation toys (excl. official life saving devices) ........................................... 3279

Insect bites and stings ................................................. 2003

Insect traps
Choose among:
Chemical insect traps
Use: Pesticides .................................................. 1926
Electric insect traps .............................................. 1460

Insecticides or insecticide vaporizers
Use: Pesticides .................................................. 1926

Instruments
Choose among:
Musical instruments, electric or battery operated ..................................... 0565
Musical instruments, not electric or not battery operated or not specified ........................................... 0566
Toy musical instruments
Use: Toys, not elsewhere classified ................................................................. 5004

Insulation
Use: Thermal or sound insulation materials .................................................. 1803
Also consider:
Construction materials

Intercommunication devices
Use: Telephones or telephone accessories .................................................. 0550

Interior walls or panels
Use: Ceilings and walls (part of completed structure) .................................. 1884
Also consider:
Wood paneling or particleboard

Internal combustion engines, non-vehicular .............................................. 0820

Ionizers
Use: Air purifiers .................................................. 0307

Iron salts
Use: Preparations containing iron salts ......................................................... 1916

Ironing boards or covers .................................................. 0408
Irons

Choose among:

Curling irons
  Use: Hair curlers, curling irons, clips and hairpins.......................1682
Dry heat irons .............................................0238
Steam irons ..................................................0239
Mangle irons ...............................................0108

Soldering irons
  Choose among:
    Electric soldering equipment ..........0866
    Nonelectric soldering equipment ...... 0868
If type of soldering equipment is not specifically identified,
  Use: Soldering equipment, not specified...........................................0859

Toy irons
  Choose among:
    Electric toy irons .........................1335
If type of toy iron is not specifically identified,
  Use: Toys, not elsewhere classified ....5004
Waffle irons, electric ..................................0235
If type of iron is not specifically identified,
  Use: Irons, not specified.............................0247
Jack hammers
Use: Other portable or stationary power tools ........................................... 0809

Jackets
Use: Outerwear ................................................. 1646

Jacknives
Use: Knives, not elsewhere classified .......... 0464

Jacks
Choose among:
Hoists, lifts, jacks or jack stands ............ 0814
Ski jacks
Use: Snow skiing (activity, apparel or equipment) ............... 3283
Toys, not elsewhere classified ............... 5004

Jalousie glass windows ....................... 1836

Jambs, door
Use: Door sills or frames ......................... 1878

Jars .................................................. See: Bottles

Javelin
Use: Track and field (activity, apparel or equipment; excl. jogging or running for fitness) ........................................... 5030

Jet skiing
Use: Personal watercraft, powered .......... 3292

Jewelry (excl. watches) ....................... 1616

Jewelry cleaners, electronic
Use: Appliances, other or not specified ...... 0482

Jewelry or beading kits
Use: Toys, not elsewhere classified .......... 5004

Jewelry, toy
Use: Toys, not elsewhere classified .......... 5004

Jigsaws (tools) ........................................... 0875

Jogging
Use: Exercise (activity or apparel, without equipment) incl. aerobics stretching, walking, jogging, running (excl. track and field) .......... 3299

Jointers, power ........................................... 0807

Judo
Use: Martial arts (activity, apparel or equipment) .................... 3257

Jugs
Choose among:
Jars .................................................. See: Bottles
Pitchers
Use: Tableware and accessories .............. 0474
Thermal containers
Use: Vacuum containers ....................... 1102
Vases
Use: Knickknacks, statues, vases or urns .......... 0654

Juicers .................................................. 0271
Also consider:
Blenders
Jujitsu
Use: Martial arts (activity, apparel or equipment).................................3257

Juke boxes
Use: Record players (self-contained units)...........................................0563

Jump ropes
Use: Exercise equipment (excl. weight lifting and gymnastic equipment).............................................3277

Jumpers, baby
Use: Baby walkers or jumpers.......................1508
Also consider:
Baby exercisers
Other baby carriers

Jungle gyms
Use: Monkey bars, playground gyms or other playground climbing apparatus........................................1244
Karate
Use: Martial arts (activity, apparel or equipment) ........................................... 3257

Kegs........See: Containers, non-pressurized

Kerosene and kerosene-fueled products
Choose among:
Kerosene fuel ........................................... 0963
Kerosene grills or stoves ......................... 3230
Kerosene heaters ........................................ 0399
Kerosene lamps
Use: Fuel-burning lighting equipment .................. 4060

Kerosene cans
Use: Gasoline cans ........................................ 0981

Kettles
Choose among:
Kettles or hot pots, electric ......................... 0269
Metal cookware (nonelectric; excl. pressure cookers and canners) ............... 0460
If type of kettle is not specifically identified,
Use: Cookware, not specified .................... 0466
Also consider:
Slow cookers
Teakettles

Key-opened containers .......................... 1116
Also consider:
Can openers
Self-contained openers

Keys, key rings or key chains .............. 1643

Kickball
Use: Other ball sports (activity, apparel or equipment) ........................................... 3235

Kickboxing
Use: Use: Martial arts (activity, apparel or equipment) ........................................... 3257

Kilns
Use: Ceramics supplies or equipment ........................................... 0514

Kitchen gadgets, not elsewhere classified ........................................... 0428

Kitchen mixing bowls, canisters or similar containers (excl. plastic products) ........................................... 0435

Kitchen stools
Use: Barstools or kitchen stools .................. 4025

Kitchen tables
Use: Tables (excl. baby changing tables, billiard or pool tables and television tables or stands) ............... 4057

Kitchen utensils
Use: Kitchen gadgets, not elsewhere classified ........................................... 0428
Also consider:
Knives
Tableware and accessories

Kitchens (fire)
Use: General home or room involvement in fires ........................................... 1866
Use this code only for home fires where no consumer product can be identified.
Kites or kite string ........................................... 1309

Kits, tool
Use: Toolboxes or tool kits (excl. tools) ........................................... 0835

Knapsacks
Choose among:
Book bags or back carriers (excl. baby carriers, luggage or camping equipment) ........................................... 5011
Camping equipment (excl. trailers, lighting equipment, sleeping bags, cots, hammocks, coolers, stoves and heaters) ........................................... 5029

Knee boarding
Choose among:
Snow boarding (activity, apparel or equipment) ........................................... 5031
Surfing (activity, apparel or equipment) ........................................... 1261

Kneelers
Use: Benches (excl. work benches) ........ 0687

Knickknacks, statues, vases or urns........ 0654

Knife sharpeners
Choose among:
Electric knife sharpeners ........................................... 0240
Nonelectric knife sharpeners ........................................... 0421
If type of knife sharpener is not specifically identified,
Use: Knife sharpeners, not specified ........ 0444

Knitting needles
Use: Sewing basket articles (excl. scissors, pins, needles and sewing machine accessories) ........ 1671

Knives
Choose among:
Knives, electric or battery-powered ........ 0218
Knives with replaceable blades ........ 0836
All other knives
Use: Knives, not elsewhere classified ........................................... 0464

Knobs
Use: Cabinet or door hardware ........ 1820

Kung fu
Use: Martial arts (activity, apparel or equipment) ........................................... 3257
Laboratory chemicals, school ..............0982

Lacquer
   Use: Paints, varnishes or shellacs ...........0960

Lacquer thinner
   Use: Paint or varnish thinners
   (excl. turpentine) .....................................0908

Lacrosse (activity, apparel or equipment) .........................1215

Ladders
   Choose among:
   Chain or rope ladders
      Use: Other ladders (excl. swimming pool ladders) .................4032
   Extension ladders ..............................................0688
   Stepladders (excl. step stools) ..................0618
   Step stools .......................................................0620
   Straight ladders ...............................................0619
   Swimming pool ladders
      Use: Swimming pool equipment
      (excl. chemicals, diving boards and swimming pool slides) ........3262
   Other ladders (excl. swimming pool ladders) .............4032
   If type of ladder is not specifically identified,
   Use: Ladders, not specified ..........................4033
   Also consider:
   Fire escape devices

Lamp oils ....................................................0964

Lamps
   Choose among:
   Floor lamps or table lamps, halogen ...........4070
   Floor lamps or table lamps, electric
      (excl. halogen lamps) ..................................4071
   Heat or infrared lamps .................................1634
   Sun lamps ......................................................1609
   Also consider:
   Lighting equipment

Landings
   Code only if part of a staircase or ramp.
   Use: Ramps or landings ..............................1843

Lanterns
   Choose among:
   Flashlights or battery-powered lanterns .................0639
   Fuel-burning lighting equipment .................4060
   Also consider:
   Lighting equipment

Lapidary equipment .......................................0533

Laser pointers ..............................................0562

Laser tag
   Use: Amusement attractions
      (including rides) .......................................1293

Lather-heating devices
   Use: Electric heaters, not elsewhere classified .............0388

Lathes, power ..............................................0805

Lamp cords
   If cord is attached,
   use code for type of lamp.
   If cord is unattached,
   Use: Appliance or lamp cords,
   unattached .................................................0684
Laundry equipment
Choose among:
Laundry baskets .................................. 0438
Laundry hampers .................................. 0672
Laundry presoaks
Use: Fabric treatment products
(excl. spot removers, cleaning
fluids, bleaches and dyes) .................... 0952
Laundry soaps or detergents .................... 0949
Laundry tubs
Use: Sinks (excl. faucets) ....................... 0648

Lavatories
Use: Sinks (excl. faucets) ....................... 0648

Lawn carts
Use: Wheelbarrows or lawn carts .......... 1425

Lawn darts
Choose among:
Darts, for indoor use (activity
or equipment) ..................................... 3289
Darts, lawn (activity or equipment) ...... 3290
Darts, not specified ............................... 3291

Lawn furniture
Choose among:
Beach chairs or folding chairs .......... 4016
Benches (excl. workbenches) ............. 0687
Other chairs ....................................... 4021
Tables (excl. baby changing
tables, billiard or pool tables and
television tables or stands) ............ 4057
If type of lawn furniture is not
specifically identified,
Use: Other furniture ........................... 4013

Lawn mowers
Choose among:
Hand lawn mowers ............................. 1402
Reel power lawn mowers
(walk-behind) .................................. 1446
Riding power lawn mowers ................. 1422
 Rotary power lawn mowers
(walk-behind) .................................. 1448
If type of power lawn mower is
not specifically identified,
Use: Power lawn mowers, not specified.. 1401
If type of lawn mower is not
specifically identified,
Use: Lawn mowers, not specified ......... 1439
Also consider:
Garden tractors

Lawn trimmers or edgers
Choose among:
Manual lawn trimmers or edgers .......... 1450
Lawn trimmers or edgers, powered
(excl. brushcutters) ......................... 1464
If type of lawn trimmer or edger is
not specifically identified,
Use: Pruning or trimming equipment,
not specified ................................. 1447

Lawn vacuums ...................................... 1441

Leaf blowers ....................................... 1461

Leaf catchers
Use: Grass and leaf catchers
(attachments) ..................................... 1431

Leaf mulchers and grinders,
powered ............................................ 1433

Leashes
Use: Pet supplies (excl. foods and
Medicines) ....................................... 1715
Lens cleaners
Use: General-purpose household cleaners (excl. abrasives, ammonia, pine oil and toilet bowl products) .........................0954

Lenses, contact ............................................1624

Leotards
Use: Day wear ............................................1645

Letter openers
Use: Desk supplies (excl. pens and pencils).....................................................1650

Levels ..........................................................0878

Licensed two-wheeled motor vehicles (excluding mopeds and trail bikes).............1910

Lids, canning
Use: Canning jars or lids .....................................1136

Lifts
Choose among:
Elevators or other lifts (excl. escalators, hoists, jacks, fork lifts and automotive lifts) ..........1889
Escalators ......................................................1890
Hoists, lifts, jacks or jack stands ...............0814

Light bars, movie
Use: Photographic equipment (excl. chemicals and projectors) .........................0536

Light bulbs (excl. Christmas tree lights) .........................................................0627

Light fixtures ............ See: Lighting equipment

Light shields, eye
Use: Eye protection devices .........................1607

Light timers
Use: Electric timers ..................................................0710

Lighter fluids ....................................................0940

Lighters
Choose among:
Multi-purpose lighters
Choose among:
Electric multi-purpose lighters ..............1689
Fuel multi-purpose lighters (incl. micro-torches) ........................................1688
If type of multi-purpose lighter is not specifically identified,
Use: Multi-purpose lighters, not specified ........................................1690
Cigarette or pipe lighters ........................................1604
If not specified if a multi-purpose lighter or a cigarette lighter,
Use: Lighters, not specified ..................1687
Lighting equipment/lights
Choose among:
Electric chandeliers, hanging lamps or other attached light fixtures .......... 0628
Flashlights or battery-powered lanterns ............................................. 0639
Floor lamps or table lamps, halogen ................................................. 4070
Floor lamps or table lamps, electric (excl. halogen lamps) .................... 4071
Fuel-burning lighting equipment .................................................. 4060
Light bulbs (excl. Christmas tree lights) ............................................. 0627
Night-lights ................................................................. 1533
Outdoor electric lighting equipment ................................................. 1452
Trouble lights or extension work lights .................................................. 0877
Other electric lighting equipment .................................................. 4039
If type of electric lighting equipment is not specifically identified, Use: Electric lighting equipment, not specified .................................................. 4041
If type of lighting equipment is not specifically identified, Use: Lighting equipment, not specified .................................................. 4042
Also consider: Christmas tree lights

Lightning rods or arresters, antenna discharge units or other grounding devices .................................................. 0706

Lights, Christmas tree .......................................................... 1711
Also consider:
Electric Christmas decorations (excl. Christmas tree lights)

Lime
Choose among:
Fertilizers and other chemicals for outdoor use (excl. pesticides) ................. 1053
Plant foods or fertilizers for potted plants ................................................. 1445

Lines, fishing
Use: Fishing (activity, apparel or equipment; excl. fishing knives) ................. 3223

Linens
Choose among:
Bed linens
Use: Sheets or pillowcases .................................................. 4051
Table linens ................................................................. 0651

Liniments or rubbing compounds ................................................. 1915

Liquid drugs (excl. aspirin, aspirin substitutes, iron preparations and antihistamines) ................................................. 1927

Liquid propane (LP) gas tanks or fittings
Use: Propane, LP or butane gas tanks or fittings ..................................... 0131
Also consider:
Pipes

Living rooms (fire)
Use: General home or room involvement in fires ..................................... 1866
Use this code only for home fires where no consumer product can be identified.

Loading docks
Use: Porches, balconies, open side floors or floor openings .................... 1817

Lockers ................................................................................. 1726

Locks
Use: Padlocks, chain locks or other locks ................................................. 0707

Loft beds
Use: Bunk beds ................................................................. 0661

Log splitters ............................................................................. 1457

Logs, non-wood
Use: Fireplace equipment .......................................................... 0663

Lotions, skin care
Use: Cosmetics.................................................1913

Loudspeakers
Use: Stereo or hi-fi components or accessories (excl. self-contained units).........................................................0546

Louvers
Use: Window shades, venetian blinds or indoor shutters.................................0638

LP gas (liquid propane) products
Choose among:
Gas or LP grills or stoves.................................3248
Gas or LP heaters, not elsewhere classified ......................................................0389
Propane, LP or butane gas tanks or fittings..................................................0131

Lubricants.......................................................0913

Luggage (excl. footlockers) .........................1623

Luggage carriers
Use: Dollies, handtrucks or luggage carriers .............................................1680

Lumber/boards
Use: House structures and repair or construction materials, not elsewhere classified.............................................1876

Lunch boxes or pails ........................................1719

Lye.................................................................0969
M

Machetes
Use: Knives, not elsewhere classified.......................... 0464

Machine oils
Use: Lubricants.................................................... 0913

Macrame
Use: Rope or string (excl. climbing or jump ropes and kite string).............. 0852

Magazine racks or bookends........................................ 0692

Magazines
Use: Books, magazines, albums or scrapbooks ...................... 4047

Magnets
Use: Kitchen gadgets ............................................ 0428

Magnifying glasses
Use: Telescopes, binoculars, microscopes or magnifying glasses................. 0529

Mailboxes, home
Use: Decorative yard equipment ...................... 1417

Make-up
Use: Cosmetics..................................................... 1913

Make-up mirrors
Choose among:
Mirrors or mirror glass (excl. lighted make-up mirrors).................. 4004
Lighted make-up mirrors........................................ 1625

Make-up, toy
Use: Toy make-up kits or cosmetics (excl. mirrors)................. 5013

Mallets
Choose among:
Croquet mallets
Use: Croquet (activity, apparel or equipment)........................ 1208
Hammers ........................................................................... 0827
Polo mallets
Use: Horseback riding (activity, apparel or equipment).............. 1239

Mangle irons............................................................ 0108

Manicuring devices............................................... 1659

Manila folders
Use: Use: Paper products (excl. bags, cups, straws and cardboard products).......................... 1137

Mantels
Use: Cabinets, racks, room dividers and shelves, not elsewhere classified ............................................. 4056

Manual cleaning equipment
(excl. buckets or pails)........................................ 0480

Manufactured/Mobile homes .................................. 1841

Marbles ................................................................. 1354

Marching bands / drum corps
Use: Sports or recreational activity, not elsewhere classified............. 1200
Markers, sewing
Use: Sewing basket articles (excl. scissors, pins, needles and sewing machine accessories) ............ 1671

Marking pens
Use: Pens and pencils ......................... 1685

Martial arts (activity, apparel or equipment) .................. 3257

Masking tape
Use: Tapes (with adhesive surfaces) .................. 0927

Masks
Choose among:
Costumes or masks ......................... 1342
Scuba diving masks
Use: Scuba diving (activity, apparel or equipment) ............ 1275
Snorkeling masks
Use: Swimming (activity, apparel or equipment; excl. flotation devices) .................. 3274

Massage devices or vibrators
(excl. shower attachments) ................. 1610

Matches
Choose among:
Matchbooks .................................. 1728
Wooden matches .............................. 1730
If type of match is not specifically identified,
Use: Matches, not specified ............... 1731

Mats
Choose among:
Bathtub mats (for use in tub or shower)
Use: Bathtubs or showers (incl. fixtures or accessories; excl. enclosures, spigots and towel racks) ...................... 0611
Exercise mats
Use: Exercise equipment (excl. weight lifting and gymnastic equipment) .................. 3277
Floor mats
Use: Runners, throw rugs or doormats (excl. bathtub mats) .......... 0612
Gymnastic mats
Use: Gymnastics (activity, apparel or equipment) ................ 1272
Playpen mats
Use: Baby mattresses or pads (excl. mattress covers or pads) ................ 1542
Table mats
Use: Table linens .............................. 0651
Also consider:
Pads
Rugs

Mattress covers or mattress pads, electric
Use: Electric blankets or sheets ............... 0132

Mattresses
Choose among:
Baby mattresses or pads (excl. mattress covers or mattress pads) .................. 1542
Camping mattresses
Use: Camping equipment (excl. trailers, lighting equipment, sleeping bags, cots, hammocks, coolers, stoves and heaters) ............... 5029
Futons ........................................ 4064
Mattresses, nonbaby (excl. camping mattresses) .......... 4009
Waterbeds or waterpillows .................... 0662
If type of mattress is not specifically identified,
Use: Mattresses, not specified ........... 4010
Mauls
Use: Hammers ........................................ 0827

Measuring spoons or cups
Use: Kitchen gadgets, not elsewhere classified .................... 0428

Meat skewers
Use: Food skewers ........................................ 0429

Meat slicers
Use: Slicers and choppers .................................... 0469

Mechanical bull
Use: Amusement attractions (incl. rides) ......................... 1293

Mechanical drawing toys
Use: Toys, not elsewhere classified ................................ 5004

Mechanical pencils
Use: Pens and pencils ......................................... 1685

Medical equipment, general ............................. 2400
Also consider:
Crutches, canes or walkers
First aid equipment
Wheelchairs

Medical equipment, toy
Use: Toys, not classified ....................................... 5004

Medical thermometers
Use: First-aid equipment (excl. medications) .................... 1710

Medications
Choose among:
Antihistamines ............................................... 1928
Aspirin or aspirin compounds ................................ 1923
Aspirin substitutes ........................................... 1930
Liniments or rubbing compounds .............................. 1915
Liquid drugs (excl. aspirin, aspirin substitutes, iron preparations and antihistamines) .................. 1927
Preparations containing iron salts ............................ 1916
Tablet or capsule drugs (excl. aspirin, aspirin substitutes, iron preparations and antihistamines) .......... 1931
Other drugs or medications .................................. 1932
If type of medication is not specifically identified,
Use: Drugs or medications, not specified 1929
Also consider:
Veterinary medicines

Medicine balls
Use: Exercise equipment (excl. weight lifting and gymnastic equipment) ........................................... 3277

Medicine cabinets
Use: Cabinets, racks, room dividers and shelves, not elsewhere classified ............................ 4056

Merry-go-rounds
Choose among:
Amusement attractions (incl. rides) .................. 1293
Other playground equipment ............................ 3219

Metal containers (excl. aerosols, trash and gasoline cans) ........................ 1112
Also consider:
Containers with key openers
Pressurized containers
Self-opening containers
Metal cutting shears
*Use:* Other manual workshop tools ............0881

Metal or plastic molding sets ...................1319

Metal polishes, tarnish removers or preventatives ........................................0931

Metal, sheet
*Use:* House structures and repair or construction materials, not elsewhere classified ..........1876

Meters, utility .......................................7878

Methyl alcohol (solvent) ...........................0915

Methyl salicylates .................................0915
*Use:* Liniments or rubbing compounds ............1915

Microphones .................. See: Sound equipment

Microscopes
*Use:* Telescopes, binoculars, microscopes or magnifying glasses ..........0529

Microwave ovens ....................................0264

Micro-torch(es)  
*Choose among:* Multi-purpose lighters

*Choose among:* Electric multi-purpose lighters ............1689
Fuel multi-purpose lighters (incl. micro-torches) ......................1688

*If type of multi-purpose lighter is not specifically identified,*
*Use:* Multi-purpose lighters, not specified ..........1690
Cigarette or pipe lighters ................................1690

*If not specified if a multi-purpose lighter or a cigarette lighter,*
*Use:* Lighters, not specified ..........1687

Mills, salt or pepper
*Use:* Tableware and accessories (excl. drinking glasses) ..........0474

Miniature Christmas tree lights
*Use:* Christmas tree lights ............1711
*Also consider:* Christmas decorations

Minibikes, powered ................................5035
*Also consider:* Licensed two-wheeled motor vehicles (excluding mopeds and trail bikes)

Mopeds

Two-wheeled, powered, off-road vehicles

Mopeds/scooters, powered

Mirrors or mirror glass  
*Choose among:* Mirrors or mirror glass (excl. lighted make-up mirrors) ............4004
Lighted make-up mirrors ..........1625

Miter saws, powered  
*Use:* Other power saws ..........0863

Mittens
*Use:* Clothing accessories ..........1647
Mitts, oven
*Use:* Potholders, oven mitts
or hot pads .............................. 0436

Mixers
*Choose among:*
- Electric mixers ............................. 0231
- Kitchen gadgets, not elsewhere classified ............................. 0428

Mixing bowls
*Choose among:*
- Kitchen mixing bowls, canisters or similar containers (excl. plastic products) ...................... 0435
- Plastic containers (rigid or semi-rigid, excluding bottles and jars) .................. 1123

Mobile/manufactured homes .............. 1841

Mobiles
*Choose among:*
- Art mobiles
  *Use:* Knickknacks, statues, vases or urns .............................. 0654
- Crib mobiles or crib gyms ........................................... 1526

Models, toys or hobby (incl. remote controlled)
*Choose among:*
- Battery operated models
  *Use:* Toys, not elsewhere classified .................................. 5004
- Gasoline- or other fuel-powered models .................................. 1306
- Unpowered models or parts ........................................ 1318
*Also consider:*
- Fuels for models
- Glues

Modeling clay
*Use:* Molding compounds ............................ 1376
*Also consider:*
- Art supplies or equipment (excl. ceramics supplies or equipment)
- Ceramics supplies or equipment

Molding compounds ............................ 1376

Molding sets
*Use:* Metal or plastic molding sets ............ 1319

Money
*Choose among:*
- Coins ........................................... 1686
- Paper money ................................... 7878
*If play money,*
  *Use:* Toys, not elsewhere classified ............ 5004

Monitoring devices, crib
*Use:* Radios (self-contained units; excl. two-way radios) .................. 0555

Monkey bars, playground gyms or other playground climbing apparatus ......... 1244

Mopeds or power-assisted cycles .......... 3215
*Also consider:*
- Scooters/skateboards, powered

Mops
*Choose among:*
- Manual cleaning equipment (excl. buckets or pails) .......................... 0480
- Toy mops
  *Use:* Toys, not elsewhere classified .................................. 5004

Mosquito netting
*Use:* Camping equipment (excl. trailers, lighting equipment, sleeping bags, cots, hammocks, coolers, stoves and heaters) ..................... 5029

Motor boats
*Use:* Boats and boating (activity, apparel or equipment), excl. personal watercraft, powered .......... 3298
Motor scooters .......... See: Motorized vehicles

Motorbikes
Choose among:
Licensed two-wheeled motor vehicles
(excluding mopeds and trail bikes) .......... 1910
Minibikes, powered .................................. 5035
Mopeds or power-assisted cycles ........... 3215
Two-wheeled, powered, off-road
vehicles (incl. dirt bikes and
trail bikes; excl. mopeds
and minibikes) ...................................... 5036
Also consider:
All-terrain vehicles
Scooters/skateboards, powered

Motorcycles
Use: Licensed two-wheeled motor
vehicles (excl. mopeds and
trail bikes) ........................................... 1910

Motorcycles (model or toy)
Choose among:
Model motorcycles ....................... See: Models
Riding toy motorcycles ........ See: Riding toys
Toy motorcycles (excl. riding toys)
Use: Toys, not elsewhere
classified ................................................ 5004

Motorized vehicles
Choose among:
All-terrain vehicles (3 wheels only;
exclusively off road) .......................... 3285
All-terrain vehicles (4 wheels;
excl. dune buggies) ............................. 3286
All-terrain vehicles (more than 4
wheels; excl. dune buggies) ............... 3296
All-terrain vehicles (number of
wheels not specified; excl. dune
buggies) ........................................ 3287
Go-carts ............................................ 3259
Golf carts ........................................ 1213
Licensed two-wheeled motor
vehicles (excluding mopeds and trail bikes) ........ 1910
Motor vehicles or parts (licensed; four or more wheels) ........................................ 1901
Minibikes, powered .................................. 5035
Mopeds or power-assisted cycles ........... 3215
Motorcycles ....................................... 1910
Motor scooters
Use: Licensed two-wheeled motor
vehicles (excluding mopeds and
trail bikes) ........................................... 1910
Scooters/skateboards, powered ........... 5042
Snowmobiles (activity, apparel
or equipment) ........................................ 1290
Two-wheeled, powered, off-road
vehicles (incl. dirt bikes and
trail bikes; excl. mopeds
and minibikes) ........................................ 5036
Also consider:
Aircraft
Personal watercraft, powered
Trains

Motors, electric
If motor is part of self-contained
unit, use code for that unit.
If motor is separate, use:
Electric motors (separate) ....................... 0819

Mountain climbing (activity,
apparel or equipment) ......................... 1258
Mountain or all-terrain bicycles or accessories ................................................. 5033
Also consider:
  Bicycles and accessories (excl. mountain or all-terrain bicycles)

Mousetraps
Use: Animal traps ................................. 1432

Mouthwashes or mouth rinses (excl. peroxide) ............................................ 1940

Movie equipment
Use: Photographic equipment (excl. chemicals and projectors) .................. 0536

Moving walks ................................................. 1891

Mowers, lawn
Choose among:
  Hand lawn mowers .................................... 1402
  Reel power lawn mowers (walk-behind) .................. 1446
  Riding power lawn mowers .......................... 1422
  Rotary power lawn mowers (walk-behind) ............... 1448
If type of power lawn mower is not specifically identified,
Use: Power lawn mowers, not specified .......................... 1401
If type of lawn mower is not specifically identified,
Use: Lawn mowers, not specified ....................... 1439

Also consider:
  Garden tractors

Mufflers
Choose among:
  Mufflers (neck)
Use: Clothing accessories ....................... 1647
  Vehicle mufflers ..... See: Motorized vehicles

Mugs
Use: Tableware and accessories (excl. drinking glasses) ....................... 0474

Mulch
Choose among:
  Fertilizers and other chemicals for outdoor use (excl. pesticides) ........ 1053
  Plant foods or fertilizers for potted plants ..................... 1445
If type of mulch is not specifically identified,
Use: Fertilizers, not specified .................... 1023

Mulchers, leaf
Use: Leaf mulchers and grinders, powered ................................. 1433

Muriatic acid
Use: Acids (excl. drain cleaners and battery acids) ..................... 0936

Music boxes or chimes ............................................. 1734

Music stands
Use: Tables (excl. baby changing tables, billiard or pool tables and television tables or stands) .............. 4057

Musical instruments
Choose among:
  Musical instruments, electric or battery operated .................. 0565
  Musical instruments, not electric or not battery operated or not specified .................. 0566
  Toy musical instruments
Use: Toys, not elsewhere classified .................................. 5004
Nail brushes
Use: Manicuring devices........................... 1659

Nail files
Use: Manicuring devices........................... 1659

Nail guns or stud drivers........................... 0882

Nail polishes or removers or other fingernail preparations
Use: Cosmetics........................................ 1913

Nails, screws, tacks or bolts..................... 1819

Napkins
Choose among:
Table linens......................................... 0651
Paper products (excl. bags, cups, straws and cardboard products)............................. 1137

Necklaces
Use: Jewelry (excl. watches)....................... 1616

Neckties
Use: Clothing accessories.......................... 1647

Needlecraft kits
Use: Sewing basket articles (excl. scissors, pins, needles and sewing machine accessories)............. 1671

Needles, medical
Use: Hypodermic needles or syringes.......... 1716

Needles, sewing
Use: Pins and needles (excl. safety pins and knitting needles)................................. 1669

Negligees
Use: Nightwear ........................................ 1644

Nets, fishing
Use: Fishing (activity, apparel or equipment; excl. fishing knives).............................. 3223

Netting, mosquito
Use: Camping equipment (excl. trailers, lighting equipment, sleeping bags, cots, hammocks, coolers, stoves and heaters).............................. 5029

Newspapers
Use: Paper products (excl. bags, cups, straws and cardboard products).......................... 1137

Nickel cadmium batteries
Use: Batteries.......................................... 0884

Nightwear .............................................. 1644

Night lights............................................. 1533

Night stands
Use: Tables (excl. baby changing tables, pool or billiard tables and television tables or stands)........... 4057
<table>
<thead>
<tr>
<th>Product</th>
<th>Use</th>
<th>Product Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nipples</td>
<td>Baby bottles or nipples</td>
<td>1509</td>
</tr>
<tr>
<td>Nitrates (fertilizers)</td>
<td>Fertilizers and other chemicals for outdoor use (excl. pesticides)</td>
<td>1053</td>
</tr>
<tr>
<td>No product involvement</td>
<td></td>
<td>7878</td>
</tr>
<tr>
<td>Noise plugs</td>
<td>Ear protection devices</td>
<td>1617</td>
</tr>
<tr>
<td>Nonglass bottles or jars (excl. baby bottles)</td>
<td></td>
<td>1127</td>
</tr>
<tr>
<td>Nunchuka</td>
<td>Martial arts (activity, apparel or equipment)</td>
<td>3257</td>
</tr>
<tr>
<td>Nursery lamps</td>
<td>Electric table lamps, floor lamps or desk lamps</td>
<td>4071</td>
</tr>
<tr>
<td>Nurses' kits, toy</td>
<td>Toys, not elsewhere classified</td>
<td>5004</td>
</tr>
<tr>
<td>Nutcrackers</td>
<td>Kitchen gadgets, not elsewhere classified</td>
<td>0428</td>
</tr>
<tr>
<td>Nuts</td>
<td>Nails, screws, tacks or bolts</td>
<td>1819</td>
</tr>
<tr>
<td>Nylons</td>
<td>Day wear</td>
<td>1645</td>
</tr>
</tbody>
</table>
Office machines
Use: Business and office machines ..........0571
Also consider:
Computers (equipment and electronic games)

Oils
Choose among:
Bath oils
Use: Cosmetics ..................................1913
Cooking oils
Use: Foods .......................................1933
Fuel oils
Choose among:
Diesel fuels ....................................0962
Kerosene ...........................................0963
Lamp oils ..........................................0964
If type of fuel oil is not specifically identified,
Use: Fuel oils, not specified ..................0965
Lamp oils ..........................................0964
Machine or engine oils
Use: Lubricants ..................................0913
Oil of wintergreen
Use: Liniments or rubbing compounds ..........1915

Oil tanks
Use: Fuel storage tanks (excl. propane, LP and butane tanks) .........................0980

Open side floors or floor openings
Use: Porches, balconies, open side floors or floor openings ......................1817

Openers, bottle ..................................0422
Also consider:
Can openers

Openers, box
Use: Knives with replaceable blades ..........0836
Also consider:
Knives
Scissors

Openers, can or container
Choose among:
Can openers, electric .........................0213
Can openers, manual .........................0401
Containers with key openers ..............1116
Self-contained openers (e.g., openers on zip-top or pull-top cans) ..........1103
If type of can opener is not specifically identified,
Use: Can openers, not specified .............0453

Openers, door
Choose among:
Automatic doors or door openers (excl. garage doors) .........................0137
Automatic garage doors or door openers ..................0138
Cabinet or door hardware ....................1820

Openers, letter
Use: Desk supplies (excl. pens and pencils) .........................1650

Opera glasses
Use: Telescopes, binoculars, microscopes or magnifying glasses ..............0529

Optical equipment
Use: Telescopes, binoculars, microscopes or magnifying glasses ..............0529
Oral antiseptics (mouth-washes or mouth rinses)
Use: Mouthwashes or mouth rinses (excl. peroxide) ........................................... 1940

Oral irrigators
Use: Toothbrushes, electric or oral irrigators ................................................... 1608

Ornaments
Choose among:
Artificial Christmas trees .................................................. 1701
Christmas decorations (nonelectric) ....................... 1729
Christmas tree lights ...................................................... 1711
Christmas tree stands or supports .................. 1712
Electric Christmas decorations (excl. Christmas tree lights) ......................... 1736
Seasonal decorations (excl. Christmas decorations) ........................................... 1714

Ottomans
Choose among:
Upholstered footstools, ottomans or hassocks ........................................... 4015
Other stools .................................................................. 4026

Outdoor awnings or shutters .................. 1808

Outdoor carpeting
Use: Room-sized, wall-to-wall or outdoor carpeting (excl. runners) ....................... 0613

Outdoor electric lighting equipment ........ 1452

Outdoor furniture
Choose among:
Beach chairs or folding chairs .............................................. 4016
Benches (excl. workbenches) ........................................... 0687
Other chairs .................................................................. 4021
Stools
Choose among:
Upholstered footstools, ottomans or hassocks ........................................... 4015
Other stools .................................................................. 4026
Step stools .................................................................. 0620
Stools, not specified .................................................... 4003
Tables (excl. baby changing tables, billiard or pool tables and television tables or stands) .................. 4057
If type of outdoor furniture is not specifically identified,
Use: Other furniture ...................................................... 4013

Outerwear ................................................................. 1646

Outlets, electrical
Use: Electrical outlets or receptacles ...................................................... 4061

Oven-related products
Range or oven accessories .............................................. 0250
Oven cleaners ............................................................... 0942
Cooking or roasting bags
Choose among:
Aluminum foil wrapping products ........................................... 1139
Paper bags .................................................................. 1128
Hoods
Use: Fans ................................................................. 0380
Racks or broiler pans
Use: Range or oven accessories ........................................... 0250

Oven cleaners ............................................................... 0942
Ovens
Choose among:
 Coal or wood-burning stoves .................. 0367
 Counter-top ovens, broilers or toaster ovens; electric .................... 0216
 Electric ovens (excl. counter-top ovens) .................. 0261
 Gas ovens ........................................ 0262
 Microwave ovens ............................. 0264
 Toy ovens
 Choose among:  
 Electric toy ovens .............................. 1334
 If not specified as electric, use:
 Toys, not elsewhere classified ......... 5004
 Other ovens (excl. counter-top ovens, broilers and toaster ovens) .................. 0265 
 If type of oven is not specifically identified, 
 Use: Ovens, not specified .................. 0266

Oxyacetylene torches
Use: Cutting torches .................. 0874

Oxygen tanks
Choose among:
 Cutting torches ............................. 0874
 Scuba diving (activity, apparel or equipment) .................. 1275
 If medical device,
 Use: Medical equipment, general .......... 2400
Pacifiers or teething rings .................... 1525

Packs, back
Choose among:
- Baby carriers or slings (backpacks) ....... 1527
- Book bags or back carriers
  (excl. baby carriers, luggage
  and camping equipment) ............... 5011
- Camping equipment (excl.
  trailers, lighting equipment,
  sleeping bags, cots, hammocks,
  coolers, stoves and heaters) .......... 5029

Paddle ball
Use: Squash, racquet ball or paddle
ball (activity, apparel or equipment) .... 3256

Paddles, table tennis
Use: Table tennis (activity, apparel
or equipment) .............................. 1269

Padlocks, chain locks or other locks ..... 0707

Pads
Choose among:
- Asbestos pads
  Use: Potholders, oven mitts or
  hot pads .................................... 0436
- Ink pads
  Use: Desk supplies (excl. pens
  and pencils) .............................. 1650
- Mattress pads
  Use: Other bedding ........................ 4054
- Playpen pads
  Use: Baby mattresses or pads
  (excl. mattress covers or
  mattress pads) .......................... 1542
- Saddle pads
  Use: Horseback riding (activity,
  apparel or equipment) ................. 1239
Also consider:
- Mats

Pagers
Use: Telephones or telephone
   Accessories ................................ 0550

Pails
Choose among:
- Buckets or pails .......................... 1143
- Diaper pails ............................... 1528
- Lunch boxes or pails ..................... 1719
- Toy pails
  Use: Toys, not elsewhere
  classified .................................. 5004

Paint ball guns
Use: Gas, air or spring-operated guns
   (incl. BB guns) ......................... 1237

Paint
Choose among:
- Art supplies or equipment (excl.
  ceramics supplies and
  paintbrushes) ............................ 0564
- Paints, varnishes or shellacs ............ 0960

Paint removers
Choose among:
- Chemical paint removers
  Use: Paint or varnish removers;
  paintbrush cleaners
  (excl. turpentine) ........................ 0972
- Powered paint removers
  Use: Other portable or stationary
  power tools ............................. 0809

Paint sets
Use: Art supplies or equipment
   (excl. ceramics supplies and
   paintbrushes) ............................ 0564
Paint sprayers, powered
Use: Painting equipment, powered
(incl. sprayers, rollers or brushes) 0887
Also consider:
Aerosol containers

Paintbrushes or rollers
Choose among:
Manual paintbrushes or rollers 0925
Powered painting equipment
(incl. sprayers, rollers or brushes) 0887
If not specified as powered,
Use: Paintbrushes or rollers, manual 0925

Paint or varnish thinners
(excl. turpentine) 0908

Paintbrush cleaners
Use: Paint or varnish removers;
paintbrush cleaners (excl. turpentine) 0972

Painting equipment, powered (incl. sprayers, rollers or brushes) 0887

Paintings
Use: Pictures, picture frames or wall decorations 0652

Pajamas
Use: Nightwear 1644

Pallets/skids
Use: Cabinets, racks, room dividers and shelves, not elsewhere classified 4056

Panelboards, circuit breakers, ground fault circuit interrupters or fuses 4063

Panel doors (flush or slab) 1845
Also consider:
Panels or paneling

Panels or paneling
Choose among:
Ceilings and walls (part of completed structure) 1884
Fixed floor-length glass panels 1867
Panel doors, flush or slab 1845
Plastic panels for doors or windows 1854
Sliding glass doors or panels 1825
Wood paneling doors or panels 1885

Pans
Choose among:
Broiler pans (oven) 0250
Chafing dishes or fondue pots 0462
Electric appliances
Corn poppers 0212
Deep fryers 0219
Frying pans or skillets 0222
Griddles 0223
Kettles or hot pots 0269
Waffle or hot pots 0235
Frying pans
Choose among:
Frying pans or skillets, electric 0222
Metal cookware (nonelectric; excl. pressure cookers and canners) 0460
Nonmetal cookware (nonelectric) 0461
Pressure cookers or canners 0412
Slow cookers 0268
Other cookware 0465
If type of pan is not specifically identified,
Use: Cookware, not specified 0466

Pants
Use: Day wear 1645

Pantyhose
Use: Day wear 1645

Paper bags 1128
<table>
<thead>
<tr>
<th>Product</th>
<th>Use</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paper clips</td>
<td>Desk supplies (excl. pens and pencils)</td>
<td>1650</td>
</tr>
<tr>
<td>Paper cups</td>
<td>Drinking glasses</td>
<td>0478</td>
</tr>
<tr>
<td>Paper cutters</td>
<td></td>
<td>1654</td>
</tr>
<tr>
<td>Paper money</td>
<td></td>
<td>7878</td>
</tr>
<tr>
<td>Paper plates, paper towels or other paper products</td>
<td>Paper products (excl. bags, cups, straws and cardboard products)</td>
<td>1137</td>
</tr>
<tr>
<td>Paper products (excl. bags, cups, straws and cardboard products)</td>
<td></td>
<td>1137</td>
</tr>
<tr>
<td>Paper shredders</td>
<td>Business and office machines</td>
<td>0571</td>
</tr>
<tr>
<td>Paraffin</td>
<td>Candles, candlesticks and other candle holders</td>
<td>0463</td>
</tr>
<tr>
<td>Parallel bars</td>
<td>Gymnastics (activity, apparel or equipment)</td>
<td>1272</td>
</tr>
<tr>
<td>Paring knives or parers</td>
<td>Knives, not elsewhere classified</td>
<td>0464</td>
</tr>
<tr>
<td>Parkas</td>
<td>Outerwear</td>
<td>1646</td>
</tr>
<tr>
<td>Particleboard</td>
<td>Wood paneling and particleboard</td>
<td>1885</td>
</tr>
<tr>
<td>Party favors</td>
<td></td>
<td>1720</td>
</tr>
<tr>
<td>Pasta makers</td>
<td>Food processors</td>
<td>0275</td>
</tr>
<tr>
<td>Patios</td>
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<td></td>
</tr>
<tr>
<td>Patios</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Choose among:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Porches, balconies, open side floors or floor openings</td>
<td>1817</td>
</tr>
<tr>
<td></td>
<td>Floors or flooring materials</td>
<td>1807</td>
</tr>
<tr>
<td>Patio chairs</td>
<td>Beach chairs or folding chairs</td>
<td>4016</td>
</tr>
<tr>
<td></td>
<td>Chairs</td>
<td></td>
</tr>
<tr>
<td>Patio lights, fuel-burning</td>
<td>Fuel-burning lighting equipment</td>
<td>4060</td>
</tr>
<tr>
<td>Patio or porch covers</td>
<td>House structures and repair or construction materials, not elsewhere classified</td>
<td>1876</td>
</tr>
<tr>
<td>Patio tables</td>
<td>Tables (excl. baby changing tables, billiard or pool tables and television tables or stands)</td>
<td>4057</td>
</tr>
<tr>
<td>Peashooters</td>
<td>Other toy weapons (projectile)</td>
<td>5001</td>
</tr>
<tr>
<td>Pedal-powered adult vehicles</td>
<td>(3 or more wheels)</td>
<td>3202</td>
</tr>
<tr>
<td>Pedestals</td>
<td>Tables (excl. baby changing tables, billiard or pool tables and television tables or stands)</td>
<td>4057</td>
</tr>
</tbody>
</table>
Peelers
*Use:* Kitchen gadgets, not elsewhere classified ..............................................0428

Peignoirs
*Use:* Nightwear .................................................................................................1644

Pellet guns
*Use:* Gas, air or spring-operated guns (incl. BB guns) ........................................1237
Also consider:
- BBs or pellets

Pellet stoves
*Use:* Other grills or stoves ...................................................................................3233

Pellets
*Use:* BBs or pellets ...............................................................................................1936

Pencils
*Use:* Pens and pencils .........................................................................................1685

Pencil sharpeners
*Use:* Desk supplies (excl. pens and pencils) .......................................................1650

Pendant watches
*Use:* Watches ......................................................................................................1622

Pendants
*Use:* Jewelry (excl. watches) ................................................................................1616

Penknives
*Use:* Knives, not elsewhere classified ..................................................................0464

Pens and pencils ......................................................................................................1685

Pens, tear gas
*Use:* Personal protection devices ...........................................................................1619

Pepper shakers or mills
*Use:* Tableware and accessories (excl. drinking glasses) ..................................0474

Personal protection devices .....................................................................................1619

Personal watercraft, powered ..................................................................................3292

Pesticides ..................................................................................................................1926

Pet supplies
*Choose among:*
- Veterinary medicines .........................................................................................1914
- Pet supplies (excl. foods and medicines) .............................................................1715

Pew
*Use:* Benches (excl. workbenches) .................................................................0687

Phonograph records .................................................................................................0530

Phonographs
*Use:* Record players (self-contained units) .........................................................0563

Phosphates (fertilizers)
*Use:* Fertilizers and other chemicals for outdoor use (excl. pesticides) ...............1053

Photocopying machines
*Use:* Business and office machines ......................................................................0571
Also consider:
- Computers (equipment and electronic games)

Photographic chemicals ...........................................................................................0926

Photographic equipment (excl. chemicals and projectors) ......................................0536

Picks
Choose among:

Ice picks .............................................. 0427

Picks/pickaxes

Use: Other unpowered garden tools .............................................. 1403

Toothpicks or hors d'oeuvre picks ............................................. 0431

Picnic baskets

Choose among:

Plastic baskets

Use: Plastic products, not elsewhere classified .......................... 1855

Portable food or beverage coolers ........ 3250

Wicker baskets

Choose among:

Plastic products, not elsewhere classified .......................... 1855

Wooden containers ................................................. 1125

If type of picnic basket is not specified,

Use: Containers, not specified .......... 1141

Picnic tables

Use: Tables (excl. baby changing tables, billiard or pool tables and television tables or stands) ......................... 4057

Picture-hanging wire

Use: Pictures, picture frames or wall decorations ....................... 0652

Pillars / columns

Use: House structures and repair or construction materials, not elsewhere classified ......................... 1876

Pillowcases

Use: Sheets or pillowcases ............................................. 4051

Pillows

Choose among:

Pillows (excl. water pillows) ................. 4050

Waterbeds or water pillows .................. 0662

Pills

Choose among:

Antihistamines ............................................. 1928

Aspirin or aspirin compounds ................. 1923

Aspirin substitutes .......................................... 1930

Preparations containing iron salts .......... 1916

Tablet or capsule drugs (excl. aspirin, aspirin substitutes, iron preparations and antihistamines) ............ 1931

If type of pill is not specifically identified,

Use: Drugs or medications, not specified ............................... 1929

Also consider:

Veterinary medicines

Pinatas

Use: Toys, not elsewhere classified .......... 5004

Pinball machines

Use: Toys, not elsewhere classified .......... 5004

Pine oil cleaning and disinfectant preparations ......................... 0945

Pins

Choose among:
Bobby pins or hair pins
Use: Hair curlers, curling irons, clips and hairpins.........................1682
Pins (jewelry)
Use: Jewelry (excl. watches) .................1616
Safety pins ........................................1554
Diaper fasteners (excl. safety pins).........1551
Pins and needles (excl. safety pins and knitting needles) ..................1669

Pipe fittings, gas (incl. flexible connectors)
Use: Pipes (excl. smoking pipes) ..........0374

Pipe lighters
Use: Cigarette or pipe lighters ...............1604

Pipes
Choose among:
Gutters, drainpipes, downspouts or runoff pipes ......................1812
Flue pipes
Use: Pipes (excl. smoking pipes) ........0374
Pipes (excl. smoking pipes) ..................0374
Smoking pipes
Use: Cigarettes, cigars, pipes or tobacco .....................................1909
Stovepipes
Use: Metal chimneys, stovepipes of flues ...................................0373

Pistols, toy .......................... See: Toy weapons

Pitchers
Use: Tableware and accessories (excl. drinking glasses) ..................0474

Pitchforks
Use: Other unpowered garden tools ........1403

Planes or planers
Use: Awls, chisels or planes ....................0870

Plant foods
Use: Plant foods or fertilizers for potted plants ..........................1445

Plant stands
Use: Tables (excl. baby changing tables, billiard or pool tables and television tables or stands) .................4057

Planters
Use: Greenhouse or gardening supplies (excl. hoses, sprayers, plant stands, tools and chemicals) .................1413

Plants, trees and shrubs (living) ..........2002

Plants, artificial
Use: Artificial flowers or plants ..............0653

Plaster
Use: House structures and repair or construction materials, not elsewhere classified ..................1876

Plasterboard/drywall
Use: House structures and repair or construction materials, not elsewhere classified ..................1876
Plastics If plastic parts or pieces are of unknown or unspecified origin ............................................. 7878
Choose among:
Buckets or pails .................................................. 1143
Plastic bags .......................................................... 1130
Plastic bottles or jars
Choose among:
Baby bottles or nipples ......................... 1509
Nonglass bottles or jars
(excl. baby bottles) ......................... 1127
If type of plastic bottle or jar is not specifically identified,
Use: Bottles or jars, not specified ............ 1135
Plastic containers (rigid or semi-rigid; excl. bottles and jars) ......... 1123
Plastic cups or glasses
Use: Drinking glasses ................................. 0478
Plastic curtains
Use: Draperies, curtains or shower curtains (fabric or plastic) .......... 0617
Plastic molding sets
Use: Metal or plastic molding sets ..................... 1319
Plastic panels for doors or windows ....................... 1854
Plastic wrapping products
(excl. plastic bags) ........................................ 1131
Plastic products, not elsewhere classified ...................... 1855
If type of plastic product is not specifically identified,
Use: Plastic products, not specified ............ 1132
Plate glass panels
Choose among:
Fixed floor-length glass panels ............. 1867
Sliding glass doors or panels ...................... 1825
Also consider:
Doors
Windows
Plates or platters (excl. paper plates)
Use: Tableware and accessories
(excl. drinking glasses) ....................... 0474
Plates, paper
Use: Paper products (excl. bags, cups, straws and cardboard products) ............................................. 1137
Platform tennis
Use: Squash, racquet ball or paddle ball (activity, apparel or equipment) ............................................. 3256
Platforms
Choose among:
Hunting platforms
Use: Scaffolding ........................................... 1816
Porches, balconies, open-side floors or floor openings ............................................. 1817
Play money
Use: Toys, not elsewhere classified .......... 5004
Play tents or tunnels
Use: Children’s play tents, play tunnels or other enclosures .............. 1322
Players, record or tape
Choose among:
Record players (self-contained units) ..................... 0563
Stereo or hi-fi components or accessories (excl. self-contained units) ..................... 0546
Tape recorders or players
(self-contained units) ...................... 0556
Other sound recording, reproducing or receiving equipment ..................... 0573
If type of record or tape player is not specifically identified,
Use: Sound recording, reproducing or receiving equipment, not specified ..................... 0547
Playground equipment

*Choose among:*
- Monkey bars, playground gyms or other playground climbing apparatus .......... 1244
- Seesaws or teeterboards .......... 1243
- Slides or sliding boards (excl. swimming pool and ground water slides) ........ 1242
- Swings or swing sets (excl. portable baby swings) .......... 3246
- Other playground equipment .......... 3219

*If type of playground equipment is not specifically identified,*
*Use: Playground equipment, not specified* .......... 3273

Playhouses

*Use: Treehouses or playhouses* .......... 1234

"Playing ball"

*Use: Ball sports (activity, apparel or equipment), not specified* .......... 3236

Playpen pads

*Use: Baby mattresses or pads* .......... 1542

Playpens

................. 1513

Pliers, wire cutters or wrenches

.......... 0857

Plows, snow

................. 1435

Plugs (earplugs)

*Use: Ear protection devices* .......... 1617

Plugs, wall

*Use: Electrical outlets or receptacles* .......... 4061

Plumbing pipes

*Use: Pipes (excl. smoking pipes)* .......... 0374

Plungers

*Use: Other manual workshop tools* .......... 0881

Pneumatic door closers

*Use: Cabinet or door hardware* .......... 1820

Plywood

See: Panels or paneling

Pocketbooks

*Use: Clothing accessories* .......... 1647

Pocketknives

*Use: Knives, not elsewhere classified* .......... 0464

Pocket watches

*Use: Watches* .......... 1622

Podiums

*Use: Tables (excl. baby changing tables, billiard or pool tables and television tables or stands)* .......... 4057

Pogo sticks

................. 1310

Pokers

*Use: Fireplace equipment* .......... 0663

Pole vault

*Use: Track and field (activity, apparel or equipment; excl. jogging or running for fitness)* .......... 5030
Poles
Choose among:
Fishing poles
Use: Fishing (activity, apparel or equipment; excl. fishing knives) ........................................ 3223

Playground poles
Use: Other playground equipment ........................................ 3219

Poles (excl. fence posts, fishing, pole vaults, playground equipment and telephone poles) ........................................ 1865

Tent poles
Use: Camping equipment (excl. trailers, lighting equipment, sleeping bags, cots, hammocks, coolers, stoves and heaters) ............ 5029

Polish
Choose among:
Automotive waxes, polishes or cleaners ........................................ 0978
Floor waxes ........................................ 0904
Furniture polishes or waxes ........................................ 0905
Metal polishes; tarnish removers or preventatives ........................................ 0931
Nail polishes
Use: Cosmetics ........................................ 1913
Shoe polishes ........................................ 0932
Other polishes ........................................ 0958
If type of polish is not specifically identified,
Use: Polishes, not specified ........................................ 0959

Polishers
Choose among:
Floor buffers or waxes ........................................ 0113

Rock polishers
Use: Lapidary equipment ........................................ 0533

Shoe polishers, electric ........................................ 1613

Workshop polishers
Choose among:
Portable power workshop grinders, buffers or polishers ........................................ 0865
Stationary power workshop grinders, buffers or polishers ........................................ 0873
If type of power workshop polisher is not specifically identified,
Use: Power workshop grinders, buffers or polishers, not specified ........................................ 0876

Polo
Choose among:
Horseback riding (activity, apparel or equipment) ........................................ 1239

Water polo (activity, apparel or equipment) ........................................ 3276

Pom-poms
Use: Cheerleading (activity, apparel or equipment; excl. batons) ........................................ 3254

Ponchos
Use: Outerwear ........................................ 1646

Pool (game)
Use: Billiards or pool (activity, apparel or equipment) ........................................ 1260

Pool chemicals
Use: Swimming pool chemicals ........................................ 0938
Pools, swimming or wading
Choose among:
Above-ground swimming pools (excl. wading pools) .................. 3221
Built-in swimming pools (excl. wading pools) ......................... 3251
Diving or diving boards .................................. 1278
Swimming pool equipment (excl. chemicals, diving boards, and swimming pool slides) ........ 3262
Swimming pool slides ..................................... 1277
Wading pools ........................................... 1246
If type of swimming pool is not specifically identified, Use: Swimming pools, not specified ...... 1284

Poppers, electric corn .................................. 0212

Pop (soda) bottles/cans See: Soft drink containers

Pop-top cans
Use: Self-contained openers (e.g., openers on zip-top or pull-top cans) ....................... 1103

Porches, balconies, open side floors or floor openings .................. 1817

Porch covers
Use: House structures and repair or construction materials, not elsewhere classified ................ 1876

Portable food or beverage coolers .......................................................... 3250

Portable products
Consult entry for specific product.

Post hole diggers
If powered tool:
Use: Other power garden tools ............ 1409
If manual tool, use:
Use: Other unpowered garden tools ........ 1403
If not specified if tool is a powered or a manual tool,
Use: Tools, not specified .................. 0893

Posts (excl. fence posts)
If the post is part of sports or game equipment, use the code for that activity. Otherwise, use:
Poles (excl. fence posts, fishing, pole vaults, playground equipment and telephone poles) .......... 1865
Also consider:
Fences and fence posts

Potash
Use: Fertilizers and other chemicals for outdoor use (excl. pesticides) .................. 1053

Potholders, oven mitts or hot pads .......... 0436

Potpourri See: Air Fresheners
Pots
Choose among:
Cooking pots
Choose among:
Chafing dishes or fondue pots........... 0462
Corn poppers, electric ................... 0212
Deep fryers, electric.......................... 0219
Frying pans or skillets, electric .......... 0222
Griddles, electric.......................... 0223
Kettles or hot pots, electric............ 0269
Potpourri pots, electric
Use: Slow cookers ....................... 0268
Pressure cookers or canners .......... 0412
Slow cookers ....................................... 0268
Waffle irons, electric .................... 0235
Metal cookware (nonelectric; excl. pressure cookers and canners).................. 0460
Nonmetal cookware (non-electric) .......... 0461
Other cookware ....................................... 0465
If type of cooking pot is not specifically identified,
Use: Cookware, not specified........ 0466
Flower pots
Use: Greenhouse or gardening supplies (excl. hoses, sprayers, plant stands, tools, and chemicals)........... 1413

Pottery supplies
Use: Ceramics supplies or equipment...... 0514

Potty chairs
Choose among:
Adult "potty" chairs
Use: Toilets................................................... 0649
Potty chairs (child) or training seats ................................................... 1535

Powder compacts
Use: Clothing accessories ..................... 1647
Also consider:
Toy make-up kits or cosmetics

Power plants
Use: Generators or power plants ............ 0606

Power tools, other or not specified
Use: Other portable or stationary power tools.................................................. 0809

Power-operated products
Consult entry for specific product.

Power washers / sprayers
Use: Sprayers, not elsewhere classified .................................................. 0888

Powered riding toys.............................. 1330

Prefabricated chimneys
Use: Metal chimneys, stovepipes or flues .................................................. 0373

Preparations containing iron salts........... 1916

Prescription drugs.............................. See: Drugs

Presoaks, laundry
Use: Fabric treatment products (excl. spot removers, cleaning fluids, bleaches and dyes) .................................................. 0952

Presses, printing
Use: Business and office machines............. 0571

Pressure cookers or canners ................. 0412

Pressure washers / sprayers
Use: Sprayers, not elsewhere classified .................................................. 0888
Pressurized containers

Choose among:

- Aerosol containers ..........................1133
- Pressurized containers (nonaerosol; excl. alcoholic beverage or soft drink bottles and cans) .........................1138

These codes should always be used regardless of contents if an aerosol or pressurized container contributed to the injury.

Printing presses, photocopiers or duplicating machines

Use: Business and office machines ..........0571

Probes, worm

Use: Fishing (activity, apparel or equipment; excl. fishing knives) ..........3223

Processors, food ..................................0275

Also consider:

- Blenders

Product involved, but not a NEISS

Product ..............................................7878

Projectors ............................................0549

Propane, LP or butane gas tanks or fittings ........................................0131

Also consider:

- Pipes
- Tanks, fuel storage

Propane-fueled products

Choose among:

- Fuel-burning lighting equipment ..........4060
- Gas or LP grills or stoves .................3248
- Gas or LP heaters, not elsewhere classified ........................................0389
- Propane, LP or butane gas tanks or fittings ........................................0131

Protection devices

Choose among:

- Alarms
  - Burglar alarms ..................................0704
  - Carbon monoxide detectors ................0712
  - Fire or smoke alarms .......................0702
  - Carbon monoxide detectors ................0712
- Ear plugs
  - Use: Ear protection devices ...............1617
- Eye protection devices ........................1607
- Gas masks
  - Use: Respiratory protection devices ....1618
- Goggles
  - Use: Eye protection devices ...............1607
- Mace
  - Use: Personal protection devices ........1619
- Personal protection devices ...............1619
- Respiratory protection devices ............1618
- Safety goggles
  - Use: Eye protection devices ...............1607
- Tear gas guns or pens
  - Use: Personal protection devices ........1619
Pruning or trimming equipment

Choose among:
- Brushcutters, powered .................................. 1463
- Lawn trimmers or edgers,
  powered (excl. brushcutters) .................... 1464
- Manual hedge trimmers .......................... 1449
- Manual lawn trimmers or edgers .......... 1450
- Power hedge trimmers .......................... 1427

Weedwackers
Use: Lawn trimmers or edgers,
powered (excl. brushcutters) ............ 1464

Other manual pruning or trimming
equipment .............................................. 1453

If type of power pruning or trimming equipment is not
specifically identified,
Use: Power pruning or trimming equipment, not specified ........ 1456

If type of manual pruning or trimming equipment is not
identified,
Use: Manual pruning or trimming equipment, not specified ...... 1455

If type of power or trimming equipment is not
specifically identified,
Use: Pruning or trimming equipment, not specified ................ 1447

Public address systems

Use: Stereo or hi-fi components or
accessories (excl. self-contained
units) .................................................. 0546

Public use items, not elsewhere
classified ............................................. 1738

Pucks, hockey

Choose among:
- Field hockey (activity, apparel
  or equipment) .................................... 1295
- Floor or indoor hockey
  Use: Street hockey (activity,
  apparel or equipment) ....................... 3245
- Ice hockey (activity, apparel
  or equipment) .................................. 1279
- Roller hockey (activity, apparel
  or equipment) ................................ 5032
- Street hockey (activity, apparel
  or equipment) .................................. 3245

If type of hockey puck is not
specifically identified,
Use: Hockey (activity, apparel or
  equipment), not specified ............... 3272

Pugil sticks

Use: Martial arts (activity,
  apparel or equipment) ..................... 3257

Pulleys

Use: Hoists, lifts, jacks or jack
stands ................................................. 0814

Pull-down or folding stairs ................. 1840

Pulls, cabinet

Use: Cabinet or door hardware .......... 1820

Pull-top can openers

Use: Self-contained openers
  (e.g., openers on zip-top or
  pull-top cans) ................................ 1103
  Also consider:
  Metal containers

Pull toys

Use: Blocks, stacking toys or
pull toys ............................................ 1326
Pumps

Choose among:
Aquarium pumps
Use: Aquariums or accessories .......... 1240
Bicycle pumps
Use: Bicycles or accessories
(excl. mountain or all-terrain
bicycles) .................................. 5040
Gasoline pumps
Use: Fuel storage tanks (excl.
propane, LP and butane tanks) ........ 0980
Heat pumps .................................. 0365
Pumps, not elsewhere classified .......... 1462
Swimming pool pumps
Use: Swimming pool equipment
(excl. chemicals, diving boards
and swimming pool slides) ............ 3262

Punching bags
Use: Boxing (activity, apparel
or equipment) ................................ 1207
Also consider:
Toys, not elsewhere classified

Purifiers

Choose among:
Air purifiers .................................. 0307
Water purifiers (appliances)
Use: Water softeners or
conditioners (appliances) .......... 0125

Purses
Use: Clothing accessories .................. 1647

Puzzles
Use: Toys, not elsewhere classified ....... 5004
Q

Quilts
Use: Bedspreads, throws or comforters

Quilt cutters
Use: Knives with replaceable blades

Quoits
Use: Horseshoes (activity, apparel or equipment)
Racing cars, toy
Use: Electric toy racing cars or accessories ........................................... 1383
Also consider:
Models
Toy vehicles (excl. riding toys)

Rackets/Racquets
Choose among:
Badminton (activity, apparel or equipment) ........................................... 3222
Squash, racquet ball or paddle ball (activity, apparel or equipment) ................. 3256
Table tennis (activity, apparel or equipment) ........................................... 1269
Tennis (activity, apparel or equipment) ................................................. 3284
If type of racket is not specifically identified,
Use: Ball sports (activity, apparel or equipment), not specified .................. 3236

Racks
Choose among:
Cabinets, racks, room dividers and shelves, not elsewhere classified ............ 4056
Drying racks
Use: Clotheslines or clothes drying racks (excl. poles) .......................... 1821
Magazine racks or bookends ................................................................. 0692
Oven racks
Use: Range or oven accessories ......................................................... 0250
Tie racks, belt racks or other clothes hangers ....................................... 0419
Tool racks
Use: Workshop furnishings ................................................................. 0854
Towel racks or bars ............................................................................ 0657

Racquet ball
Use: Squash, racquet ball or paddle ball (activity, apparel or equipment) ........... 3256

Radial arm saws .......................................................... 0843

Radiators (excl. vehicle radiators) ........................................ 0379

Radio batteries
Use: Batteries .................................................................................. 0884

Radios
Choose among:
Amateur two-way radios ................................................................. 0545
Radios (self-contained units; excl. two-way radios) ................................ 0555
Stereo or hi-fi components or accessories (excl. self-contained units) .......... 0546
If type of radio is not specifically identified,
Use: Radios, not specified .............................................................. 0559
Also consider:
Clock radios

Rafts
Use: Boats and boating (activity, apparel or equipment), excl. personal watercraft, powered ......................... 3298

Rafts, toy
Use: Flotation toys, (excl. official life saving devices) .................................. 3279

Railings
Use: Handrails, railings or banisters .................................................. 1829
Also consider:
Bathtubs or showers
Rails, crib or bed
Choose among:
- Crib extender rails or youth bed rails ................................. 1536
- Extender/protective rails for adult beds (not hospital beds)
  Use: Bedsprings or bedframes (excl. bunk beds) .................. 0601
- Extender/protective rails for hospital beds
  Use: Medical equipment, general .......... 2400

Raincoats
Use: Outerwear ................................................. 1646

Rakes
Use: Other unpowered garden tools .......... 1403

Ramps or landings ....................... 1843
Code only if part of a staircase or used in place of a staircase.

Range hoods
Use: Fans ..................................................... 0380

Range or oven accessories .............. 0250

Range pads
Use: Potholders, oven mitts or hot pads ......................... 0436

Ranges / Stoves
Choose among:
- Coal or wood-burning stoves ............. 0367
- Electric ranges (with ovens) .............. 0259
- Gas ranges (with ovens) ..................... 0260
- Other ranges (with ovens) .................. 0267
If other type of range is not specifically identified,
Use: Ranges, not specified .................. 0273
Also consider:
- Counter-mounted cooking surfaces

Ratchet wrenches
Use: Pliers, wire cutters or wrenches ......................... 0857

Rattles, baby ................................................... 1517

Razor knives or cutters
Use: Knives with replaceable blades ........ 0836

Razors or razor blades
Choose among:
- Electric razors or shavers ............... 1664
- Nonelectric razors or shavers ............ 1661
If type of razor is not specifically identified,
Use: Razors or shavers, not specified .... 1667

Reamers ......................................................... 0858

 Receivers, stereo
Use: Stereo or hi-fi components or accessories (excl. self-contained units) ........ 0546
Also consider:
- Sound equipment

Receptacles
Use: Electrical outlets or receptacles ........ 4061

Recliner chairs
Choose among:
- Nonupholstered recliner chairs ........ 4017
- Upholstered recliner chairs .............. 4019
If type of recliner chair is not specifically identified,
Use: Recliner chairs, not specified ....... 4023

Product Codes : Page 108 July 1, 2000
Record cleaners

Use: Stereo or hi-fi components or accessories (excl. self-contained units)..........................0546

Record players

Choose among:
- Record players (self-contained units).......................................................0563
- Stereo or hi-fi components or accessories (excl. self-contained units).......................0546

If type of record player is not specifically identified,
Use: Sound recording, reproducing or receiving equipment, not specified..............................0547

Recorders, tape

Choose among:
- Stereo or hi-fi components or accessories (excl. self-contained units)..........................0546
- Tape recorders or players (self-contained units)....................................................0556

If type of tape recorder is not specifically identified,
Use: Sound recording, reproducing or receiving equipment, not specified..............................0547

Recording tapes .................................................0531

Records, phonograph ...........................................0530

Reel-to-reel tapes

Use: Recording tapes..........................................................0531

Refrigerators ................................................................1884

Refuse bins

Use: Waste containers, trash baskets or refuse bins..........................................................0413

Registered (for heating or cooling systems)

Use: Ductwork for heating or cooling systems (excl. flues) .............................................0371

Registers, cash

Use: Business and office machines .................0571

Remote control switches

Use code for product it controls.

Remote controlled models ........ See: Models

Removers

Choose among:
- Abrasive cleaners..........................................................0953
- Chemical paint or varnish removers
  Use: Paint or varnish removers; paintbrush cleaners
  (excl. turpentine).......................................................0972
- Powered paint or varnish removers
  Use: Other portable or stationery power tools .........................................................0809
- Rust removers ............................................................0937
- Spot removers or cleaning fluids .................0977
- Tar removers
  Use: Automotive waxes, polishes or cleaners .........................................................0978
- Tarnish removers
  Use: Metal polishes; tarnish removers or preventatives............................................0931
- Wax removers
  Use: General-purpose household cleaners (excl. abrasives, ammonia, pine oil and toilet bowl products) .........................................................0954

Respiratory protection devices .........................1618

Retaining walls

Use: Ceilings and walls (part of completed structure).....................................................1884
Rides, amusement

*Use:* Amusement attractions
(incl. rides) ........................................ 1293

*Also consider:*
Water slides, public (stationary amusement rides)

Riding, horseback

*Use:* Horseback riding (activity, apparel or equipment) ................. 1239

Riding toys

*Choose among:*
Nonwheeled riding toys, unpowered (e.g., rocking or bouncing horses) .......................................... 1327
Powered riding toys .................................. 1330
Wheeled riding toys, unpowered (excl. bicycles and tricycles) ........... 1398

*If type of riding toy is not specifically identified,*
*Use:* Riding toys (excl. bicycles and tricycles), not specified ........... 5005

*Also consider:*
Scooters
Wagons

Rifles

*Choose among:*
Gas, air or spring-operated guns
(incl. BB guns) .......................................... 1237
Guns or other firearms ................................ 3224
Guns, not specified .................................... 3253
Toy rifles
*Choose among:*
Toy caps, cap toys or cap guns .................................. 5015
Toy guns with projectiles ................................ 1399
Other toy guns .......................................... 5006

*If type of toy gun is not specifically identified,*
*Use:* Toy guns, not specified .................... 1390

*Also consider:*
BBs or pellets
Gunpowder or ammunition (excl. BBs and pellets)

Rinses, hair

*Use:* Cosmetics ........................................... 1913

Rinses, mouth

*Use:* Mouthwashes or mouth rinses (excl. peroxide) ......................... 1940

Rings

*Choose among:*
Drapery or curtain rods, hooks or rings ........................................ 4055
Gymnastic rings
*Use:* Gymnastics (activity, apparel or equipment) ......................... 1272
Jewelry (excl. watches) .................................. 1616
Key rings
*Use:* Keys, key rings or key chains ...................................... 1643
Teething rings
*Use:* Pacifiers or teething rings ....................................... 1525

Roasting bags

*Choose among:*
Aluminum foil wrapping products ....................................... 1139
Paper bags .............................................. 1128
Plastic bags ............................................. 1130

Roasting pans

*Choose among:*
Aluminum foil roasting pans
*Use:* Aluminum foil wrapping products .................................... 1139
Metal cookware (nonelectric; excl. pressure cookers and canners) ....... 0460
Nonmetal cookware (non-electric) ......................................... 0461

*If type of roasting pan is not specifically identified,*
*Use:* Cookware, not specified .................................. 0466

Robes

*Use:* Nightwear ........................................... 1644
Rock climbing
Use: Mountain climbing (activity, apparel or equipment) .............................. 1258

Rocketry sets .............................................. 1314

Rockets
Use: Fireworks ........................................... 1313
Also consider:
Rocketry sets
Toy weapons

Rocking chairs
Choose among:
Nonupholstered rocking chairs ............... 4018
Upholstered rocking chairs ..................... 4020
If type of rocking chair is not specifically identified,
Use: Rocking chairs, not specified ............. 4024
Also consider:
Recliner chairs

Rocking horses
Use: Nonwheeled riding toys, unpowered (e.g., rocking or bouncing horses) ............................ 1327
Also consider:
Riding toys

Rock polishers or tumblers
Use: Lapidary equipment ......................... 0533

Rodeo (activity, apparel or equipment)
Use: Sport or recreational activity, not elsewhere classified ............................. 1200

Rods
Choose among:
Drapery or curtain rods, hooks or rings ................. 4055
Lightning rods or arresters, antenna discharge units or grounding devices ............. 0706
Rods or bars (metal)
Use: Pipes (excl. smoking pipes) ................. 0374

Roller hockey (activity, apparel or equipment) ............................................. 5032

Roller skating (activity, apparel or equipment) ............................................. 3216
Also consider:
In-line skating

Rollers, exercise
Use: Exercise equipment (excl. weight lifting and gymnastic equipment) ..................... 3277

Rollers, paint
Choose among:
Manual paintbrushes or rollers ............... 0925
Powered painting equipment (incl. sprayers, rollers or brushes) ......................... 0887
If not specified as powered, use:
Paintbrushes or rollers, manual .............. 0925

Rolling pins
Use: Kitchen gadgets, not elsewhere classified ........................................ 0428

Roofs or roofing materials (excl. patio or porch covers and tar preparations)
Use: House structures and repair or construction materials, not elsewhere classified .... 1876

Room deodorizers or fresheners
Choose among:
Liquid room deodorizers or fresheners ................. 0973
Solid room deodorizers or fresheners ......................... 0974
If type of room deodorizer or freshener is not specifically identified,
Use: Room deodorizers or fresheners, not specified ......................... 0975

Room dividers or screens
Use: Cabinets, racks, room dividers and shelves, not elsewhere classified .................................................. 4056

Rooms (fire)
Use: General home or room involvement in fires ........................................ 1866
Use this code only for home fires where no consumer product can be identified.

Rope ladders
Use: Other ladders (excl. swimming pool ladders) ........................................................ 4032
Also consider:
Fire escape devices

Rope or string (excl. climbing or jump ropes and kite string) ...................... 0852
Also consider:
Stretch cords or straps

Rotary cutters
Use: Knives with replaceable blades ............. 0836

Rotisseries ................................................ 0241

Rotary tillers
Use: Power tillers or cultivators (not farm equipment) ................................... 1408

Routers, power ........................................ 0804

Rubber bands
Use: Desk supplies (excl. pens and pencils) ..................................................... 1650

Rubbers
Use: Footwear ............................................. 1615
Also consider:
Waders

Rug cutters
Use: Knives with replaceable blades ..................................................... 0836

Rug shampooers ........................................ 0114

Rug shampooos
Use: General-purpose household cleaners (excl. abrasives, ammonia, pine oil and toilet bowl products) ........................................ 0954

Rulers
Use: Desk supplies (excl. pens and pencils) ................................................. 1650

Runners, throw rugs or doormats (excl. bathtub mats) .................................. 0612

Rubbing alcohol

Use: Liniments or rubbing compounds ............................................. 1915

Rubbing compounds
Use: Liniments or rubbing compounds ............................................. 1915

Rugby (activity, apparel or equipment) ......................................................... 3234

Rug cutters
Use: Knives with replaceable blades ..................................................... 0836

Rugs
Choose among:
Runners, throw rugs or doormats (excl. bathtub mats) .................................. 0612
Room-sized, wall-to-wall or outdoor carpeting (excl. runners) ...................... 0613
If type of rug is not specifically identified,
Use: Rugs or carpets, not specified ............................ 0676

Rug shampooers ........................................ 0114

Rug shampoos
Use: General-purpose household cleaners (excl. abrasives, ammonia, pine oil and toilet bowl products) ........................................ 0954

Rulers
Use: Desk supplies (excl. pens and pencils) ................................................. 1650

Runners, throw rugs or doormats (excl. bathtub mats) .................................. 0612
Running
Choose among:
Exercise (activity or apparel, without equipment) incl. aerobics, stretching, walking, jogging, running (excl. track and field) ................................................3299
Track and field (activity, apparel or equipment; excl. jogging or running for fitness) ........................................5030

Runoff pipes
Use: Gutters, drainpipes, downspouts or runoff pipes..........................1812

Rust preventatives..........................0961

Rust removers..........................0937
Sabers
Use: Fencing (activity, apparel or equipment).......................... 3260

Sabre saws ................................................. 0864

Sacks .................................................. See: Bags

Saddles
Use: Horseback riding (activity, apparel or equipment) ..................... 1239

Safes ........................................................... 0709

Safety bars/rails for bathtubs/showers
Use: Bathtubs or showers (incl. fixtures or accessories; excl. enclosures, faucets, spigots and towel racks) ......................... 0611

Safety goggles
Use: Eye protection devices .................. 1607

Safety latches
Use: Cabinet or door hardware .......... 1820

Safety pins.................................................. 1554

Sail boats
Use: Boats and boating (activity, apparel or equipment), excl. personal watercraft, powered .................. 3298

Salts, iron
Use: Preparations containing iron salts ......................................... 1916

Salt shakers or mills
Use: Tableware and accessories (excl. drinking glasses) .............. 0474

Sandals
Use: Footwear.............................................. 1615

Sandboxes
Use: Other playground equipment............. 3219

Sanders
Choose among:
  Manual filing or sanding tools ............... 0862
  Power Sanders ........................................ 0803
If sander is not specifically identified as electric, use:
  Manual filing or sanding tools ............... 0862

Sand pails, toy
Use: Toys, not elsewhere classified .......... 5004

Sandpaper
Use: Manual filing or sanding tools......... 0862

Sanitary facilities, portable
Use: Toilets ..................................... 0649

Sanitizing preparations
Choose among:
  Ammonia, household ......................... 0930
  Bleaches, noncosmetic ....................... 0956
  Pine oil cleaning and disinfectant preparations ......................... 0945
  Toilet bowl products ......................... 0951
Saucepans
Choose among:
- Metal cookware (nonelectric; excl. pressure cookers and canners) ..................0460
- Nonmetal cookware (nonelectric) .........................0461
If type of saucepan is not specifically identified,
Use: Cookware, not specified .........................0466

Saucers
Use: Tableware and accessories (excl. drinking glasses) ........................................0474

Saunas
Also consider:
Whirlpools, hot tubs or home spas .....................1612

Savate
Use: Martial arts (activity, apparel or equipment) ........................................3257

Sawhorses
Use: Workshop furnishings ................................0854

Saws
Choose among:
- Band saws ............................................0842
- Bench or table saws ..................................0841
- Chain saws ..........................................1411
- Hand saws ...........................................0830
- Jigsaws ................................................0875
- Portable circular power saws .........................0832
- Power hacksaws .....................................0844
- Radial arm saws ....................................0843
- Sabre saws ...........................................0864
- Other power saws ....................................0863
If type of power saw is not specifically identified,
Use: Power saws, not specified .........................0872
If type of saw is not specifically identified,
Use: Saws, not specified ................................0845

Scaffolding ..................................................1816

Scalpers, fish
Use: Knives, not elsewhere classified ..................0464

Scales
Choose among:
- Baby scales ...........................................1515
- Scales, electric or battery operated (excl. baby scales) ..................4066
- Scales, not electric or not battery operated or not specified (excl. baby scales) ..........4068

Scarfs
Use: Clothing accessories ................................1647

School equipment ...........................................2300

School laboratory chemicals .............................0982

Science kits or toys
Use: Chemistry sets or science kits .................1393
Also consider:
Toys (arts, crafts or kits)

Scissors
Choose among:
- Electric scissors ......................................0232
- Manual scissors .......................................0420
If type of scissors is not specifically identified,
Use: Scissors, not specified .........................0450
Also consider:
Manicuring devices

Sconces
Use: Candles, candlesticks and other candle holders ...............0463

Scooters
Choose among:
- Scooters/skateboards, powered ..................5042
- Scooters, unpowered .................................1329
Also consider:
Motorbikes
Motorized vehicles

Scouring products
Choose among:
Scouring cleansers
Use: Abrasive cleaners ....................... 0953
Scouring pads or steel wool
Use: Manual cleaning
   equipment (excl. buckets or pails) ........ 0480

Scrapbooks
Use: Books, magazines, albums or scrapbooks ......................... 4047

Scrapers
Choose among:
Ice scrapers
Use: Manual snow or ice removal tools ......................... 1415
Wallpaper scrapers
Use: Knives, not elsewhere classified ...................... 0464
If type of scraper is not specified,
Use: Other manual workshop tools ........ 0881

Screen doors........................................ 1827

Screens
Choose among:
Fireplace screens
Use: Fireplace equipment ............. 0663
Room screens (room dividers)
Use: Cabinets, racks, room dividers, and shelves, not elsewhere classified ................ 4056
Screen doors ........................................ 1827
Screen or screen stands (film)
Use: Photographic equipment
   (excl. chemicals and projectors) ................. 0536
Window screens ..................................... 1828

Screwdrivers ........................................ 0828

Screws
Use: Nails, screws, tacks or bolts .......... 1819

Scrub brushes
Use: Manual cleaning equipment
   (excl. buckets or pails) ...................... 0480

Scuba diving (activity, apparel or equipment) ..................... 1275
Also consider:
Snorkeling

Scythes
Use: Other unpowered garden tools ...... 1403

Sealants
Choose among:
Automotive chemicals (excl.
   antifreeze, lubricants, waxes
   and windshield wiper fluids) .............. 0955
Caulking or spackling compounds .......... 0920

Seam rippers
Use: Sewing basket articles (excl.
   scissors, pins, needles and sewing machine accessories) .......... 1671

Seasonal decorations (excl.
Christmas decorations) .................... 1714
Also consider:
Christmas decorations

Seats
Choose among:
Bathtub seats
Choose among:
   Baby bathtub seats or rings
      (not toys) ..................................... 1557
   Bathtub seats (excl. baby bathtub seats or rings)
      Use: Other chairs ................. 4021
Car seats (for infants or children) .... 1519
Infant seats
   Use: Other baby carriers ................. 1549
Also consider:
Chairs

Product Codes : Page 116  July 1, 2000
Security barriers
Use: Window or door security barriers ................................................. 1888
Also consider:
Fences or fence posts

Seed and fertilizer spreaders ................. 1430

Seesaws or teeterboards ..................... 1243

Self-contained openers (e.g., openers on zip-top or pull-top cans) ................................................. 1103
Also consider:
Key-opened containers

Seltzer bottles ......................... See: Bottles

Septic tanks ........................................... 7878

Serrated edges of boxes
Use: Cardboard products ................................................. 1114

Service stations, toy
Use: Toys, not elsewhere classified ................................................. 5004

Serving bowls
Use: Tableware and accessories (excl. drinking glasses) ......................... 0474

Sewing basket articles (excl. scissors, pins, needles and sewing machine accessories) ................................................. 1671

Sewing kits
Use: Sewing basket articles (excl. scissors, pins, needles and sewing machine accessories) ................. 1671

Sewing machines or accessories ............ 0112

Sewing machines, toy

Use: Toys, not elsewhere classified .......... 5004

Sewing needles
Use: Pins and needles (excl. safety pins and knitting needles) ................. 1669

Shades
Choose among:
Lamp shades See: Lighting Equipment
Window shades
Use: Window shades, venetian blinds or indoor shutters .......................... 0638

Shakers, salt or pepper
Use: Tableware and accessories (excl. drinking glasses) .......................... 0474

Shampooers, rug ........................................... 0114

Shampoos
Choose among
Hair shampoos
Use: Cosmetics ................................................. 1913
Carpet or upholstery shampoos
Use: General-purpose household cleaners (excl. abrasives, ammonia, pine oil and toilet bowl products) ......................... 0954

Shapers, power ........................................... 0808

Sharpeners, knife
Choose among
Electric knife sharpeners ......................... 0240
Nonelectric knife sharpeners ...................... 0421
If type of knife sharpener is not specifically identified,
Use: Knife sharpeners, not specified .......................... 0444

Sharpeners, pencil
Use: Desk supplies (excl. pens and pencils) ................................................. 1650
Shavers
Choose among:
Electric razors or shavers ...................... 1664
Nonelectric razors or shavers .................. 1661
If type of shaver is not specifically identified,
Use: Razors or shavers, not specified ..... 1667

Shaving cream heaters
Use: Electric heaters, not elsewhere classified .............................................. 0388

Shears
Choose among:
Metal cutting shears
Use: Other manual workshop tools ............................................................... 0881
Pruning or trimming equipment ..................... See: Pruning, etc.
Scissors
Choose among:
Electric scissors .................................. 0232
Manual scissors .................................... 0420
If type of scissors is not specifically identified,
Use: Scissors, not specified ................. 0450

Sheds
Use: Tool sheds .................................. 1887

Sheet metal
Use: House structures and repair or construction materials, not elsewhere classified .......... 1876

Sheets
Choose among:
Electric sheets
Use: Blankets or sheets, electric .......... 0132
Rubber sheets
Use: Other bedding .......................... 4054
Sheets or pillowcases .......................... 4051

Shellacs
Use: Paints, varnishes or shellacs ............ 0960

Shelves
Use: Cabinets, racks, room dividers, and shelves, not elsewhere classified ............... 4056

Shingles
Use: House structures and repair or construction materials, not elsewhere classified . 1876

Ships (model or toy)
Choose among:
Model ships....................................... See: Models
Riding toy ships............................... See: Riding Toys
Toy ships (excl. riding toys)
Use: Toys, not elsewhere classified ...................... 5004

Shirts
Use: Day wear ................................ 1645

Shoelace fasteners (for infants) ............... 1539

Shoe polishers, electric ......................... 1613

Shoe polishes .................................... 0932

Shoes or shoelaces
If injury occurs during play of a sport or game requiring special shoes, use code for that sport.
If not,
Use: Footwear ................................ 1615

Shopping carts
Use: Grocery or shopping carts .............. 1679

Shot put
Use: Track and field (activity, apparel or equipment; excl. jogging or running for fitness) .............................................. 5030
Shovels
Choose among:
Manual snow or ice removal tools .......... 1415
Other unpowered garden tools ............ 1403
Toy shovels
Use: Toys, not elsewhere classified ........ 5004

Shower curtains
Use: Draperies, curtains or shower curtains (fabric or plastic) ............... 0617

Showers
Use: Bathtubs or showers (incl.
fixtures or accessories; excl.
enclosures, faucets, spigots
and towel racks) ......................... 0611
Also consider:
Bathtub or shower enclosures

Shower enclosures
Choose among:
Glass bathtub or shower enclosures .......... 0609
Nonglass bathtub or shower enclosures .......... 0610
If type of shower enclosure is
not specifically identified,
Use: Bathtub or shower enclosures,
not specified ..................... 4030

Shower fixtures, e.g., safety bars
and rails
Use: Bathtubs or showers (incl.
fixtures or accessories; excl.
enclosures, faucets, spigots
and towel racks) ......................... 0611

Shower heads
Use: Faucets or spigots ................. 0699

Shredders, leaf or grass
Use: Leaf mulchers and grinders,
powered ................. 1433

Shredders, food
Use: Slicers and choppers ................. 0469

Shrubs, live
Use: Plants, trees and shrubs (living) ........ 2002

Shuffleboard (activity, apparel
or equipment) ......................... 3261

Shutters
Choose among:
Outdoor awnings or shutters ............... 1808
Window shades, venetian blinds
or indoor shutters ..................... 0638

Shuttlecocks
Use: Badminton (activity, apparel
or equipment) ......................... 3222

Sickles
Use: Other unpowered garden tools ........ 1403

Sidewalks ......................... 7878

Siding materials
Use: House structures and repair
or construction materials, not
elsewhere classified ............... 1876

Signs
Choose among:
Traffic signs ......................... 7878
Other signs (excl. traffic signs)
Use: Public use items, not
elsewhere classified ............... 1738

Signal flares
Use: Flares ......................... 1718

Silica gel
Use: Chemicals, not elsewhere
classified ....................... 0921

Product Codes : Page 119
Sills
Choose among:
Door sills or frames .................. 1878
Window sills or frames .............. 1870

Silver polishes
Use: Metal polishes, tarnish
removers or preventatives .......... 0931

Silverware
Use: Flatware (excl. knives) ........... 0417

Sinks
Choose among:
Sinks (excl. faucets) ................. 0648
Toy sinks
Use: Toys, not elsewhere
classified ............................. 5004

Sizing
Use: Fabric treatment products
(excl. spot removers, cleaning
fluids, bleaches and dyes) ......... 0952

Skateboards
Choose among:
Skateboards ........................ 1333
Scooters/skateboards, powered ... 5042

Skating
Choose among:
Ice skating (activity, apparel
or equipment) ....................... 3255
In-line skating (activity, apparel
or equipment) .................... 3297
Roller skating (activity, apparel
or equipment) ...................... 3216
If type of skating is not
specifically identified,
Use: Skating (activity, apparel or
equipment), not specified ......... 3217
Also consider:
Hockey

Skeet shooting (activity, apparel
or equipment; excl. guns and
ammunition) ....................... 3203

Skewers
Use: Food skewers .................. 0429

Skids/pallets
Use: Cabinets, racks, room
dividers and shelves,
not elsewhere classified .......... 4056

Ski boarding
Use: Snow boarding (activity,
apparel or equipment) ............ 5031

Skiing
Choose among:
Grass skiing
Use: Amusement attractions
(incl. rides) ....................... 1293
Jet skiing .......................... 3292
Snow skiing (activity, apparel
or equipment) .................... 3283
Snow boarding (activity, apparel
or equipment) ................... 5031
Water skiing (activity, apparel
or equipment) ..................... 1264

Ski jacks
Use: Snow skiing (activity, apparel
or equipment) .................... 3283

Skillets
Choose among:
Electric frying pans or skillets .... 0222
Metal cookware (nonelectric; excl.
pressure cookers and canners) ... 0460
Nonmetal cookware (nonelectric) .... 0461
If type of skillet is not
specifically identified,
Use: Cookware, not specified ....... 0466

Skin care creams and lotions
or other products
Use: Cosmetics ...................... 1913

Skirts
Use: Day wear ...................... 1645

Product Codes : Page 120

July 1, 2000
Sky diving (activity, apparel or equipment) ........................................ 7878

Slacks
Use: Day wear ........................................... 1645

Sledgehammers
Use: Hammers ........................................... 0827

Sleds ......................................................... 1217
Also consider:
Snow disks
Snow boarding
Toboggans

Sleeping bags ............................................. 3252

Sleepwear
Use: Nightwear ........................................... 1644
Also consider:
Clothing

Slicers, food
Use: Slicers and choppers ............................ 0469
Also consider:
Food processing machines

Slide projectors or viewers
Use: Projectors ........................................... 0549

Slides
Choose among:
Slides or sliding boards (excl. swimming pool and water slides) ........ 1242
Swimming pool slides .................................. 1277
Water slides
Choose among:
Water slides, backyard/home (not swimming pool slides) ............ 3294
Water slides, public (stationary amusement rides) ...................... 3295
Water slides, other and not specified ...................................... 3293
Slides (photographic/film)
Use: Photographic equipment (excl. chemicals and projectors) .......... 0536

Sliding glass doors or panels ................................ 1825

Slingshots or sling-propelled toys ..................... 1352

Slipcovers .................................................... 0650

Slippers
Use: Footwear ............................................. 1615

Slips
Use: Day wear ............................................. 1645

Slow cookers .............................................. 0268

Smelling salts
Use: Other drugs or medications ........................... 1932

Smoke alarms
Use: Fire or smoke alarms .................................. 0702

Smoking materials
Use: Cigarettes, cigars, pipes or tobacco .............................. 1909

Sneakers
If injury occurs during play of a sport or game requiring special sneakers, use code for that sport.

If not,
Use: Footwear ........................................ 1615

**Snorkeling**
*Use: Swimming (activity, apparel or equipment; excl. flotation devices) ................................. 3274*

**Also consider:**
Scuba diving

**Snow blowers**
*See: Snow throwers*

**Snow boarding (activity, apparel or equipment)** .......................................................... 5031

**Snow boating**
*Use: Ice or snow boating (activity, apparel or equipment) .................................................. 3247*

**Snow disks** .................................................. 1274

**Also consider:**
Sleds
Snow boarding
Toboggans

**Snow plows** .................................................. 1435

**Snow shovels**
*Choose among:*
Manual snow or ice removal tools .......... 1415
Other unpowered garden tools .......... 1403

**Snow skiing (activity, apparel or equipment)** ............................................. 3283

**Snow sailing**
*Use: Snow skiing (activity, apparel or equipment) .......................... 3283*

**Snow suits**
*Use: Outerwear ..................................... 1646*

**Soap dishes**
*Use: Bathtubs or showers (incl. fixtures or accessories; excl. enclosures, faucets, spigots and towel racks) .............................................. 0611*

**Soaps (excl. laundry soaps or detergents)** ................................................... 0983

**Also consider:**
Detergents

**Soccer**
*Activity, apparel or equipment** ......................................................... 1267

**Socks/Sox**
*Use: Day wear ........................................ 1645*

**Soda bottles/cans**
Choose among:
Soft drink bottles
Choose among:
Glass soft drink bottles.........................1120
Nonglass bottles or jars
(excl. baby bottles).........................1127
If type of soft drink bottle is not specifically identified,
Use: Bottles or jars, not specified........1135
Soft drink cans
Use: Metal containers (excl. aerosols, trash and gasoline cans)...............1112

Sofa beds
Use: Convertible beds, hideaway beds or sofa beds.........................0680

Sofas, couches, davenports, divans or studio couches .........................0679

Soft drink containers
Choose among:
Soft drink bottles
Choose among:
Glass soft drink bottles.........................1120
Nonglass bottles or jars
(excl. baby bottles).........................1127
If type of soft drink bottle is not specifically identified,
Use: Bottles or jars, not specified........1135
Soft drink cans
Use: Metal containers (excl. aerosols, trash and gasoline cans)...............1112

Softball (activity, apparel or equipment) .........................5034
Also consider:
Baseball

Softeners
Choose among:
Fabric softeners
Use: Fabric treatment products
(excl. spot removers, cleaning fluids, bleaches and dyes)....................0952
Water softeners or conditioners
(appliances).................................0125

Soil resisters
Use: Fabric treatment products
(excl. spot removers, cleaning fluids, bleaches and dyes)....................0952

Solar heaters or heating systems
Choose among:
Other heaters or heating systems..........................0369
Other water heaters..........................0133

Soldering equipment
Choose among:
Electric soldering equipment....................0866
Nonelectric soldering equipment....................0868
If type of soldering equipment is not specifically identified,
Use: Soldering equipment, not specified....................0859
Also consider:
Cutting torches
Welding equipment

Soldiers, toy
Use: Toys, not elsewhere classified..........................5004

Solvents
Use: Methyl alcohol (solvent)....................0915
Sound equipment
Choose among:
Amateur two-way radios ......................... 0545
Radios (self-contained units; excl. two-way radios) ......................... 0555
Record players (self-contained units) ........................................... 0563
Stereo or hi-fi components or accessories (excl. self-contained units) ........................................... 0546
Tape recorders or players (self-contained units) ......................... 0556
Other sound recording, reproducing or receiving equipment .......... 0573
If type of radio is not specifically identified,
Use: Radios, not specified ........................... 0559
If type of sound equipment is not specifically identified,
Use: Sound recording, reproducing or receiving equipment, not specified ......................... 0547

Sound insulation
Use: Thermal or sound insulation materials ........................................ 1803

Sox/Socks
Use: Day wear ........................................... 1645

Space heaters
Choose among:
Electric space heaters
Choose among:
Baseboard heaters ........................................ 0312
Portable (electric) heaters ......................... 0348
Electric heaters, not elsewhere classified ......................... 0388
Gas space heaters
Choose among:
Gas or LP floor or wall heaters ...................... 0386
Gas or LP heaters, not elsewhere classified ......................... 0389
Other space heaters
Choose among:
Alcohol-fueled heaters ...................................... 1255
Catalytic heaters ........................................ 0366
Coal or wood burning stoves ......................... 0367
Gasoline heaters (noncatalytic) ......................... 0368
Kerosene or oil heaters .................................... 0399
Other heaters or heating systems ......................... 0369
If type of space heater is not specifically identified,
Use: Heaters or heating systems, not specified ......................... 0370

Spaceports, toy
Use: Toys, not elsewhere classified ...................... 5004

Spackling compounds
Use: Caulking or spackling compounds ......................... 0920

Spades
Use: Other unpowered garden tools ...................... 1403

Spas
Use: Whirlpools, hot tubs or home spas ......................... 0698
Also consider:
Saunas

Spatulas
Use: Kitchen gadgets, not elsewhere classified ......................... 0428
Speakers
Use: Stereo or hi-fi components or accessories (excl. self-contained units) ...........................................0546
Also consider:
Sound equipment

Spigots
Use: Faucets or spigots ...............................0699

Spinning toys
Use: Toys, not elsewhere classified.................................5004

Spinning wheels
Use: Art supplies or equipment (excl. ceramics supplies and paintbrushes) ..............................................0564

Splicers
Choose among:
Film splicers
Use: Photographic equipment (excl. chemicals and projectors) .................................................................0536
Tape splicers
Use: Sound recording, reproducing or receiving equipment, not specified ......................................................0547

Splitters, log ...............................................1457

Sponges
Use: Manual cleaning equipment (excl. buckets or pails) .................................................................0480

Spools
Use: Sewing basket articles (excl. scissors, pins, needles and sewing machine accessories) .........................1671

Spoons
Choose among:
Measuring spoons
Use: Kitchen gadgets, not elsewhere classified ..................0428
Spoons (excl. measuring spoons)
Use: Flatware (excl. knives) .........................................0417

Sport or recreational activity, not elsewhere classified ..................1200
See instructions for Sports

Sports
See entry for specific game or sport and use that code.
If type of ball sport is specifically identified and no code exists for that ball sport, use:
Other ball sports (activity, apparel or equipment), not specified .......................3235
If type of ball sport is not specifically identified,
Use: Ball sports (activity, apparel or equipment), not specified .......................3236
If type of sport is not classified elsewhere,
Use: Sport or recreational activity, not elsewhere classified .......................1200
Also consider:
Toy sports equipment

Sports clothing
If injury occurs during play of a sport or game requiring special clothing, use code for that sport.
If not,
Use: Other clothing ..............................................1677

Sports equipment, toy
Use: Toy sports equipment ...................................1392

Sports footwear
If injury occurs during play of a sport or game requiring special footwear, use code for that sport.
If not,
Use: Footwear ..........................................................1615
Also consider:
Waders
Spot removers or cleaning fluids .........................0977
Spray cans or containers, pressurized
Use: Aerosol containers ......................... 1133
Always use this code (regardless of container contents) if an aerosol container contributed to the injury.
Also, code the container contents if possible.

Sprayers (non aerosol)
Choose among:
Garden sprayers............................. 1407
Paint sprayers
Use: Painting equipment, powered (incl. sprayers, rollers or brushes)................................. 0887
Power/pressure sprayers
Use: Sprayers, not elsewhere classified......................... 0888
If other type of sprayer, use:
Sprayers, not elsewhere classified........ 0888

Sprays, aerosol
Use: Aerosol containers ......................... 1133
Always use this code (regardless of container contents) if an aerosol container contributed to the injury.
Also, code the container contents if possible.

Sprayers
Use: Seed and fertilizer spreaders .......... 1430

Spring-operated guns
Use: Gas, air or spring-operated guns (incl. BB guns).................... 1237
Also consider:
BBs or pellets

Springs, bed
Use: Bedsprings or bedframes (excl. bunk beds)............................ 0601

Springs, box
Choose among:
Baby mattresses or pads (excl. mattress covers or mattress pads) .... 1542
Mattresses, nonbaby (excl. camping mattresses) .................... 4009
If type of box spring is not specifically identified,
Use: Mattresses, not specified......................... 4010

Springs, crib
Choose among:
Crib (excl. portable cribs)......................... 1543
Portable cribs........................................ 1529
If type of crib spring is not specifically identified,
Use: Cribs, not specified......................... 1545

Springs, door or cabinet
Use: Cabinet or door hardware..................... 1820

Sprinklers
Choose among:
Garden hoses, nozzles or sprinklers ....................... 1414
Fire sprinklers..................................... 0713

Squash, racquet ball or paddle ball
(activity, apparel or equipment) .................... 3256

Squeeze or squeaker toys ...................... 1350

Squirt guns
Use: Other toy guns.............................. 5006

Stacking toys
Use: Blocks, stacking toys or pull toys......................... 1326

Stages, theatrical
Use: Porches, balconies, open-sided floors............................ 1817
Staging
Use: Scaffolding ............................................ 1816

Stains, wood
Use: Paints, varnishes or shellacs .............. 0960

Stairs
Choose among:
Stairs or steps (excl. pull-down and folding stairs) ........................................ 1842
Pull-down or folding stairs ...................................... 1840
If type of stairs are not specifically identified,
Use: Stairs or steps (excl. pull-down and folding stairs) ........................................ 1842

Stakes
Choose among:
Greenhouse or garden stakes
Use: Greenhouse or gardening supplies (excl. hoses, sprayers, plant stands, tools and chemicals) ........................................ 1413
Tent stakes
Use: Camping equipment (excl. trailers, lighting equipment, sleeping bags, cots, hammocks, coolers, stoves and heaters) .......... 5029

Standards (posts)
If the standard is part of sports or game equipment, use code for that activity; otherwise use:
Poles (excl. fence posts, fishing, pole vaults, playground equipment and telephone poles) ........................................ 1865

Stands
Choose among:
Christmas tree stands or supports .......... 1712
Jack stands
Use: Hoists, lifts, jacks or jack stands .................................. 0814
Screen stands
Use: Photographic equipment (excl. chemicals and projectors) ........................................ 0536
Stands or pedestals (excl. Christmas tree, screen and television stands)
Use: Tables (excl. baby changing tables, billiard or pool tables and television tables or stands) ........ 4057
Television stands or tables ........................................ 0519
Tree stands (hunting)
Use: Scaffolding ........................................ 1816

Staples, staplers or staple guns
Choose among:
Desk supplies (excl. pens and pencils) .......... 1650
Heavy-duty workshop staplers .......... 0834
Nail guns or stud drivers .......... 0882

Starches, laundry
Use: Fabric treatment products (excl. spot removers, cleaning fluids, bleaches and dyes) .......... 0952

Stationary baby activity centers
(non-wheeled alternatives to baby walkers)
Use: Baby exercisers ........................................ 1520

Stationery
Use: Paper products (excl. bags, cups, straws and cardboard products) ........................................ 1137

Statues
Use: Knickknacks, statues, vases or urns .......... 0654

Steak knives
Use: Knives, not elsewhere classified .......... 0464
Steamers
Choose among:
Clothes steamers................................. 0255
Facial steamers
Use: Saunas ........................................ 1612
Wallpaper steamers............................... 0971

Steam iron ........................................... 0239

Steam pipes
Use: Pipes (excl. smoking pipes) .............. 0374

Steam tables
Use: Tables (excl. baby changing tables, billiard or pool tables and television tables or stands) .......... 4057

Steel wool
Use: Manual cleaning equipment (excl. buckets or pails) ......................... 0480

Stepladders (excl. step stools)................. 0618

Steps ................................................ See: Stairs

Step stools .......................................... 0620

Stereo equipment ...... See: Sound Equipment Also consider:
Cabinets

Sterilizers, home use.............................. 1511

Stethoscopes, toy
Use: Toys, not elsewhere classified .......... 5004

Stickball
Use: Other ball sports (activity, apparel or equipment) ..................... 3235

Stickers
Use: Paper products (excl. bags, cups, straws and cardboard products) ....... 1137

Sticks, nunchuka
Use: Martial arts (activity, apparel or equipment) ............................ 3257

Sticks, swizzle
Use: Bars and bar accessories (excl. gymnastic and weight lifting equipment) .... 4058

Stilts .................................................. 1349

Stings, insect
Use: Insect bites and stings ....................... 2003

Stockings
Use: Day wear .................................. 1645

Stools
Choose among:
Barstools or kitchen stools .................. 4025
Step stools ...................................... 0620
Upholstered footstools, ottomans or hassocks .......... 4015
Other stools .................................. 4026
Stools, not specified ........................... 4003

Stoopball
Use: Other ball sports (activity, apparel or equipment) ..................... 3235
**Stoppers, door**  
*Use:* Door stops ................................. 0434

**Storage areas**  
*Use:* Cabinets, racks, room dividers and shelves............................ 4056

**Storage sheds**  
*Use:* Tool sheds ..................................... 1887

**Storage tanks, fuel**  
*Choose among:*  
- Fuel storage tanks (excl. propane, LP and butane tanks)......................... 0980  
- Propane, LP or butane gas tanks or fittings........................................ 0131  
*Also consider:*  
- Gasoline cans

**Storm doors**  
*Choose among:*  
- Storm doors with glass panels ............................................. 1823  
- Storm doors without glass panels ........................................... 1858  
*If type of storm door is not specifically identified,*  
*Use:* Doors, not specified ................................................. 1849

**Storm windows**.............................................. 1826

**Stove pads**  
*Use:* Potholders, oven mitts or hot pads........................................ 0436

**Stovepipes**  
*Use:* Metal chimneys, stove-pipes or flues...................................... 0373  
*Also consider:*  
- Chimneys
Stoves
*Choose among:*
- Camp stoves ........................................ See: *Entries*
- Coal or wood-burning stoves ...................... 0367
- Gas or LP grills or stoves .......................... 3248
- Kerosene grills or stoves .......................... 3230
- Ranges/stoves, kitchen ............................ See: *Ranges*

*Toy stoves*
  *Use:* Toy ovens, electric ............................. 1334

*Other grills or stoves* ............................... 3233

*If type of stove is not specifically identified,*
  *Choose among:*
  - Grills, not specified ............................. 3249
  - Ranges, not specified ............................. 0273

*Also consider:*
  - Chimneys

**Straight ladders** .................................... 0619

**Strainers**
  *Use:* Kitchen gadgets, not elsewhere classified ........................................... 0428

**Straps, elastic**
  *Use:* Stretch cords or straps ...................... 0886

**Straws, drinking** .................................... 0443

**Street hockey (activity, apparel or equipment)** ............................................. 3245
  *Also consider:*
  - Roller hockey

**Stretch cords or straps** ............................ 0886

**Stretching exercises**
  *Use:* Exercise (activity and apparel without equipment); incl. aerobics, stretching, walking, jogging and running (excl. track and field) ................... 3299

**String**
*Choose among:*
- Kites or kite string .................................. 1309
- Rope or string (excl. climbing or jump ropes and kite string) .......................... 0852

*Also consider:*
- Stretch cords or straps

**Stripping products**
*Choose among:*
- Paint or varnish removers, paint brush cleaners (excl. turpentine) ................. 0972
- Wallpaper scrapers
  *Use:* Knives, not elsewhere classified ............................................. 0464

- Wax removers
  *Use:* General-purpose household cleaners (excl. abrasives, ammonia, pine oil and toilet bowl products) ........................................ 0954

*Also consider:*
- Chemicals, not elsewhere classified

**Stripping, weather**
*Use:* House structures and repair or construction materials, not elsewhere classified .......... 1876

**Strollers**
*Choose among:*
- Baby strollers ........................................ 1522
- Doll strollers
  *Use:* Toys, not elsewhere classified ............................................. 5004

**Stud drivers**
*Use:* Nail guns or stud drivers ...................... 0882

**Studio couches**
*Use:* Sofas, couches, davenports, divans or studio couches ............................. 0679

**Stuffed animals**
*Use:* Toys, not elsewhere classified ............ 5004
Stun guns
Use: Personal protection devices ..................... 1619

Styrofoam
Use: Plastic products, not elsewhere classified ................. 1855

Sugar bowls
Use: Tableware and accessories (excl. drinking glasses) .................. 0474

Suitcases or suit bags
Use: Luggage (excl. footlockers) ....................... 1623

Suits
Use: Day wear ........................................... 1645

Sulfuric acid
Use: Acids (excl. drain cleaners and battery acids) ....................... 0936

Sump pumps
Use: Pumps, not elsewhere classified ............................... 1462

Sun lamps ............................................. 1609
Also consider:
Infrared lamps

Sunglasses
Use: Eye protection devices .......................... 1607
Also consider:
Eyeglasses

Supports, Christmas tree
Use: Christmas tree stands or supports ....................... 1712
Also consider:
Christmas decorations

Surfing (activity, apparel or equipment) ........................................ 1261

Surge suppressors
Use: Electrical wire or wiring systems (excl. panelboards, receptacles or interrupters) .................. 4062

Suspenders
Use: Clothing accessories .................................. 1647

Sport Utility Vehicles (SUVs)
Use: Motor vehicles or parts (licensed; four or more wheels) .................. 1901

Swabs
Use: First-aid equipment (excl. medications) .................. 1710

Sweaters
Use: Day wear ........................................... 1645

Sweepers
Choose among:
Electric brooms ........................................ 0116
Manual cleaning equipment (excl. buckets or pails) .................. 0480
Vacuum cleaners ...................................... 0115

Swimming (activity, apparel or equipment; excl. flotation devices) .... 3274
Also consider:
Diving or diving boards
Water polo
Water skiing

Swimming pool chemicals .................................. 0938

Swimming pool slides ...................................... 1277
Swimming pool equipment (excl. swimming pool chemicals, diving boards and swimming pool slides)........ 3262

Swimming pools
Choose among:
Above-ground swimming pools
(excl. wading pools).............................. 3221
Built-in swimming pools (excl. wading pools).............................. 3251
Wading pools......................................... 1246

If type of swimming pool is not specifically identified,
Use: Swimming pools, not specified........ 1284
Also consider:
Diving or diving boards

Swings or swing sets (excl. portable baby swings).............................. 3246
Also consider:
Portable baby swings (for home use)

Switchblade knives
Use: Knives, not elsewhere classified........................................ 0464

Switches, electric
Use: Electrical wire or wiring systems (excl. panelboards, receptacles or interrupters)............... 4062

Swizzle sticks
Use: Bars and bar accessories (excl. gymnastic and weight lifting equipment) ...................... 4058

Swords (excl. fencing equipment)
Use: Knives, not elsewhere classified........................................ 0464

Syringes
Use: Hypodermic needles or syringes...... 1716

Sythes (scythes)
Use: Other unpowered garden tools........ 1403
| Table knives | Use: Knives, not elsewhere classified | 0464 |
| Table lamps | Choose among: | |
| | Floor lamps or table lamps, halogen | 4070 |
| | Floor lamps or table lamps, electric (excl. halogen lamps) | 4071 |
| Table linens | | 0651 |
| Tables | Choose among: | |
| | Baby changing tables | 1502 |
| | Billiard or pool tables | Use: Billiards or pool (activity, apparel or equipment) | 1260 |
| | Folding tables | Use: Tables (excl. baby changing tables, billiard or pool tables and television tables or stands) | 4057 |
| | Picnic tables | Use: Tables (excl. baby changing tables, billiard or pool tables and television tables or stands) | 4057 |
| | Table tennis tables | Use: Table tennis (activity, apparel or equipment) | 1269 |
| | Television tables or stands | Use: Tables (excl. baby changing tables, billiard or pool tables and television tables or stands) | 4057 |
| | If type of table is not specifically identified, Use: Tables (excl. baby changing tables, billiard or pool tables and television tables or stands) | |
| Table hockey / air hockey | Use: Toys, not elsewhere classified | 5004 |
| Table or bench saws | | 0841 |
| Table tennis (activity, apparel or equipment) | | 1269 |
| Tablets (drugs) | Choose among: | |
| | Antihistamines | 1928 |
| | Aspirin or aspirin compounds | 1923 |
| | Aspirin substitutes | 1930 |
| | Preparations containing iron salts | 1916 |
| | Tablet or capsule drugs (excl. aspirin, aspirin substitutes, iron preparations and antihistamines) | 1931 |
| | If type of tablet is not specifically identified, Use: Drugs or medications, not specified | 1929 |
| | Also consider: Veterinary medicines | |
| Tableware and accessories (excl. drinking glasses) | | 0474 |
| Tackle or tackle boxes | Use: Fishing (activity, apparel or equipment; excl. fishing knives) | 3223 |
| Tacks | Use: Nails, screws, tacks or bolts | 1819 |
| Tanks, air | Choose among: | |
| | Cutting torches | 0874 |
| | Scuba diving (activity, apparel or equipment) | 1275 |
| Tanks, fish | Use: Aquariums or accessories | 1240 |
Tanks, fuel storage
Choose among:
Fuel storage tanks (excl. propane, LP and butane tanks) .................. 0980
Propane, LP or butane gas tanks or fittings ..................................... 0131

Tanning booths / beds
Use: Suntan booths............................... 1681

Tape decks
Use: Tape recorders or players (self-contained units) ....................... 0556

Tape recorders or players (self-contained units) ....................... 0556
Also consider:
Stereo or hi-fi components or accessories (excl. self-contained units)

Tapes
Choose among:
Tapes (with adhesive surfaces).............. 0927
Electric heat tapes ................................ 0390
Measuring tapes
Use: Other manual workshop tools ...... 0881
Recording tapes.................................... 0531
VCR (video) tapes
Use: Recording tapes ................................ 0531

Tar preparations
Use: House structures and repair or construction materials, not elsewhere classified .......... 1876

Tar removers
Use: Automotive waxes, polishes or cleaners ................................... 0978

Targets, archery
Use: Archery (activity, apparel or equipment).............................. 1235

Tarnish removers
Use: Metal polishes, tarnish removers or preventatives ................. 0931

Tarpaulins........................................ 1741

T-ball
Use: Baseball (activity, apparel or equipment; excl. softball) ............. 5041

Teakettles or teapots
Choose among:
Electric coffee makers or teapots .......... 0217
Unpowered coffee makers or teapots ........................................... 0405
If type of teapot is not specifically identified,
Use: Coffee makers or teapots, not specified................................. 0452

Tear gas guns or pens
Use: Personal protection devices ............ 1619

Tea sets, toy
Use: Toys, not elsewhere classified ........... 5004

Teeter-totters
Use: Seesaws or teeterboards .................. 1243

Teeth cleaning devices .... See: Toothbrushes

Teething rings or beads
Use: Pacifiers or teething rings............... 1525

Telephone booths
Use: Public use equipment ..................... 1738

Telephones or telephone accessories.... 0550
Telescopes, binoculars, microscopes or magnifying glasses ................. 0529

Television tables or stands ................. 0519

Television-radio combinations
Use: Televisions ........................................ 0572

Televisions ........................................ 0572

Tennis (activity, apparel or equipment) ........................................ 3284

Tents, play
Use: Children's play tents, play tunnels or other enclosures ........... 1322

Tents or tent stakes
Use: Camping equipment (excl. trailers, lighting equipment, sleeping bags, cots, hammocks, coolers, stoves and heaters) .............. 5029

Terraces
Choose among:
Ceilings and walls (part of completed structure) ...................... 1884
Floors or flooring materials ........................................ 1807

Terrariums
Use: Greenhouse or gardening supplies (excl. hoses, sprayers, plant stands, tools and chemicals) ..................................... 1413
Also consider: Aquariums

Testing equipment, electrical ...................... 0815

Test tubes
Use: Glass tubing or test tubes .................................... 1124

Tetherball (activity, apparel or equipment) ........................................ 1276

Thermal containers
Use: Vacuum containers ........................................ 1102

Thermal or sound insulation materials ........................................ 1803
Also consider: House structures and repair or construction materials, not elsewhere classified

Thermometers
Choose among:
Medical thermometers
Use: First-aid equipment (excl. medications) ............................ 1710
Thermometers (excl. medical thermometers) ............................ 0477

Thermostats (for heating or cooling systems) ............................ 0340

Thimbles
Use: Sewing basket articles (excl. scissors, pins, needles and sewing machine accessories) ............................. 1671

Thinners, paint
Use: Paint or varnish thinners (excl. turpentine) ....................... 0908

Thread
Use: Sewing basket articles (excl. scissors, pins, needles and sewing machine accessories) ............................. 1671

Throw rugs
Use: Runners, throw rugs or doormats (excl. bathtub mats) .............. 0612
Also consider: Mats
Throwers or blowers, snow
Choose among:
Snow throwers or blowers
(attachments for lawn mowers) .......... 1434
Snow throwers or blowers
(self-contained units) ....................... 1458
If type of snow thrower or blower
is not specifically identified,
Use: Snow throwers or blowers,
not specified................................. 1459

Throws
Use: Bedspreads, throws or
comforters...................................... 0667

Thumbtacks
Use: Nails, screws, tacks or bolts........... 1819

Tie racks, belt racks or other
clothes hangers ............................... 0419

Tile cleaners
Use: General-purpose household
cleaners (excl. abrasives,
ammonia, pine oil and toilet
bowl products) ............................... 0954

Tillers
Use: Power tillers or cultivators
(not farm equipment) ........................ 1408

Timers
Choose among:
Electric timers ............................... 0710
Kitchen gadgets, not elsewhere
classified ................................. 0428
Also consider:
Alarms
Clocks

Tires
Consult entry for the type of
vehicle the tire was on.
If tire was not on a vehicle, use ........... 7878

Tissues
Use: Paper products (excl. bags,
cups, straws and cardboard
products) ...................................... 1137

Toaster ovens
Use: Electric counter-top ovens,
broilers or toaster ovens ................. 0216

Toasters (excl. toaster ovens) ............ 0234

Tobacco
Use: Cigarettes, cigars, pipes
or tobacco ...................................... 1909

Toboggans ...................................... 1273
Also consider:
Sleds
Snow boarding
Snow disks

Toilet bowl products ......................... 0951

Toilet paper holders
Use: Cabinets, racks, room
dividers and shelves ....................... 4056

Toilets ......................................... 0649
Also consider:
Camping equipment (excl.
trailers, lighting equipment,
sleeping bags, coolers,
stoves and heaters)
Potty chairs (child) or training
seats
Tool racks
Use: Workshop furnishings ......................0854

Tool sheds .............................................1887

Toolboxes or tool kits (excl. tools) ..........0835

Tools
Choose among:
Automobile tools
Use: Other manual workshop tools ..........0881
Fireplace tools
Use: Fireplace equipment .......................0663
Toy tools
Use: Toys, not elsewhere classified ................5004
Workshop tools ..................See: Specific tool
If specified power workshop tool
is not listed elsewhere,
Use: Other portable or stationary
power tools ...........................................0809
If the specified manual workshop
tool is not listed elsewhere,
Use: Other manual workshop
tools ...................................................0881
Yard or garden tools ...........See: Specific tool
If the specified power garden
tool is not listed elsewhere,
Use: Other power garden tools ..............1409
If the specified manual garden
tool is not listed elsewhere,
Use: Other unpowered garden
tools ...................................................1403
If not specified if tool is a garden tool
or workshop tool or not specified
if it is a powered or manual tool,
Use: Tools, not specified .......................0893

Toothbrushes
Choose among:
Electric toothbrushes or oral
irrigators .............................................1608
Nonelectric toothbrushes ....................1629
If not specified as electric, use:
Nonelectric toothbrushes ....................1629

Toothbrush holders
Use: Bathtubs or showers (incl. fixtures
or accessories; excl. enclosures,
faucets, spigots and towel racks) ..........0611

Toothpicks or hors
do‘oeuvre picks ......................................0431

Tops (clothing)
Use: Day wear ......................................1645

Tops or spinning toys
Use: Toys, not elsewhere classified ..........5004

Torches
Choose among:
Cutting torches .....................................0874
Flashlights or battery-powered
lanterns ..............................................0639
Lighting torches
Use: Fuel-burning lighting
equipment ..........................................4060
Also consider:
Soldering equipment
Welding equipment

Toupées
Use: Wigs, falls or hairpieces .................1605

Tow chains
Use: Chains, not elsewhere
classified .............................................0885

Towel dispensers
Choose among:
Kitchen gadgets ....................................0428
Public use equipment ...............................1738

Towel racks or bars .................................0657

Towels, paper
Use: Paper products (excl. bags,
cups, straws and
cardboard products) .........................1137
Towels or cloths ........................................ 0666

Toy boxes or chests .................................. 1353

Toy home equipment or appliances
Choose among:
Toy irons, electric................................. 1335
Toy ovens, electric................................. 1334
If type of toy home equipment or appliance is not specifically identified,
Use: Toys, not elsewhere classified .......... 5004

Toy vehicles (excl. riding toys)
Choose among:
Toy racing cars or accessories, electric .................. 1383
Trains or accessories, electric .................. 1332
If type of toy vehicle is not specifically identified,
Use: Toys, not elsewhere classified .......... 5004
Also consider:
Models
Riding toys

Toy sports equipment .................................. 1392

Toy weapons
Choose among:
Gas, air or spring-operated guns
(incl. BB guns) ...................................... 1237
Slingshots or sling-propelled toys .......... 1352
Toy bows or arrows ................................ 1338
Toy caps, cap toys or cap guns ............. 5015
Toy guns with projectiles ..................... 1399
Other toy guns .................................. 5006
Other toy weapons (nonprojectile) ......... 1389
Other toy weapons (projectile) ............. 5001
If type of toy gun is not specifically identified,
Use: Toy guns, not specified ................. 1390
If type of toy weapon is not specifically identified,
Use: Toy weapons, not specified .......... 5007

Toys (arts, crafts or kits)
Choose among:
Blackboards
Use: Toys, not elsewhere classified .................. 5004
Building sets ..................................... 1345
Chemistry sets .................................. 1393
Crayons or chalk ................................ 5010
Fuels for models .................................. 1356
Jewelry or beading kits
Use: Toys, not elsewhere classified .................. 5004
Mechanical drawing toys
Use: Toys, not elsewhere classified .................. 5004
Medical equipment, toy
Use: Toys, not elsewhere classified .................. 5004
Models
Choose among:
Gasoline- or other fuel-powered models .............. 1306
Unpowered models or parts .................. 1318
Molding compounds.......................... 1376
Molding sets
Use: Metal or plastic molding sets .......... 1319
Needlecraft kits
Use: Sewing basket articles (excl. scissors, pins, needles and sewing machine accessories) ....... 1671
Rocketry sets .................................. 1314
Tools, toy
Use: Toys, not elsewhere classified .................. 5004
Wood burning kits .................................. 1362

Toys, dolls or animals and doll accessories
Use: Toys, not elsewhere classified .................. 5004

Toys (riding) ........................................... See: Riding toys
Toys (other)

Choose among:
- Balloons, toy ............................................. 1347
- Blocks, stacking toys or pull toys ............... 1326
- Building sets ............................................. 1345
- Children's play tents, play tunnels, or other enclosures .......... 1322
- Clacker balls ............................................. 1346
- Flying toys (excl. kites, rockets and other fuel-powered models) ............................................. 1317
- Inflatable toys (excl. balls and balloons) ............................................. 1325
- Squeeze or squeaker toys .................................. 1350
- Toy sports equipment ..................................... 1392
- Water toys (excl. squeeze or squeaker toys and inner tubes or similar flotation equipment) .......... 1365

If type of toy is not specifically identified, use:

- Toys, not elsewhere classified ............................................. 5004

Also consider:
- Games
- Party favors

Track and field (activity, apparel or equipment; excl. jogging or running for fitness) ............................................. 5030

Also consider:
- Exercise

Tracks, toy

Choose among:
- Toy racing cars or accessories, electric ............................................. 1383
- Trains or accessories, electric ............................................. 1332

Tractors (vehicle)

Choose among:
- Farm tractors
  - Use: Industrial equipment ............................................. 2200
- Garden tractors ............................................. 1405
- Tractors, other or not specified ............................................. 1062

Tractors (models or toys)

Choose among:
- Model tractors See: Models
- Riding toy tractors See: Riding toys
- Toy tractors (excl. riding toys)
  - Use: Toys, not elsewhere classified ............................................. 5004

Trail bikes

Use: Two-wheeled, powered, off-road vehicles (incl. dirt bikes and trail bikes; excl. mopeds and minibikes) ............................................. 5036

Training seats, child

Use: Potty chairs or training seats .................. 1535

Trains .................................................. 1902

Trains (models or toys)

Model trains See: Models
- Riding toy trains See: Riding toys
  - Toy trains (excl. riding toys)
    - Choose among:
      - Trains or accessories, electric ............................................. 1332
    - If toy train is not specified as electric, use:
      - Toys, not elsewhere classified ............................................. 5004

Trampolines ............................................. 1233

Also consider:
- Gymnastics

Transmission fluids or sealers

Use: Automotive chemicals (excl. antifreeze, lubricants, waxes and windshield wiper fluids) ............................................. 0955

Transmitters

Use: Amateur two-way radios ............................................. 0545

Transparent tapes

Use: Tapes (with adhesive surfaces) .................. 0927
**Trapdoors**
*Use:* Other nonglass doors (nongarage) ........................................ 1879

**Traps**
*Choose among:*
- Animal traps .............................................. 1432
- Insect traps, electric ......................... 1460

**Trash bags**
*Choose among:*
- Paper bags ............................................. 1128
- Plastic bags ........................................... 1130

If type of trash bag is not specifically identified,
*Use:* Bags not elsewhere classified .......... 1144

**Trash baskets or cans**
*Use:* Waste containers, trash baskets or refuse bins .................... 0413

*Also consider:*
- Trash compactors

**Trash compactors** ...................................... 0252

**Trays**
*Choose among:*
- Food warmers ........................................ 0221
- Trays (excl. food warmers) ....................... 0432

**Treehouses or playhouses** ...................... 1234

**Tree lights**
*Use:* Christmas tree lights ....................... 1711

*Also consider:*
- Christmas decorations, electric

**Tree stands**
*Choose among:*
- Christmas tree stands or supports .......... 1712
- Tree stands (hunting)
  *Use:* Scaffolding ........................................ 1816

**Trees, live**
*Use:* Plants, trees and shrubs (living) ...... 2002

**Trees, artificial Christmas** ...................... 1701

*Also consider:*
- Christmas decorations

**Trellises**
*Use:* Greenhouse or gardening supplies (excl. plant stands, tools and chemicals) ......................... 1413

**Tricycles (children's)** ...................... 1301

*Also consider:*
- Riding toys
- Pedal-powered adult vehicles (3 or more wheels)

**Trimmers, hair**
*Use:* Hair clippers and trimmers .................. 1683
Trimming or pruning equipment
Choose among:
- Brushcutters, powered ........................................... 1463
- Lawn trimmers or edgers, powered (excl. brushcutters) .......................... 1464
- Manual hedge trimmers ........................................... 1449
- Manual lawn trimmers or edgers .................................. 1450
- Power hedge trimmers .............................................. 1427

Weedwackers
Use: Lawn trimmers or edgers, powered (excl. brushcutters) ................ 1464

Other manual pruning or trimming equipment ...................................... 1453

Other power pruning or trimming equipment ........................................... 1454

If type of power pruning or trimming equipment is not specifically identified,
Use: Power pruning or trimming equipment, not specified .................... 1456

If type of manual pruning or trimming equipment is not identified,
Use: Manual pruning or trimming equipment, not specified ................. 1455

If type of pruning or trimming equipment is not specifically identified,
Use: Pruning or trimming equipment, not specified ............................... 1447

Trouble lights or extension work lights .................................................. 0877

Trousers
Use: Day wear ........................................................................ 1645

Trowels
Use: Other unpowered garden tools ................................................. 1403

Trucks
Use: Motor vehicles or parts (licensed; four or more wheels) ................. 1901

Trucks (models or toys)
Choose among:
- Model trucks ................................................................. See: Models
- Riding toy trucks ............................................................. See: Riding toys

Toy trucks (excl. riding toys)
Use: Toys, not elsewhere classified ................................................. 5004

Trunks
Use: Footlockers ....................................................................... 0693

Tubes
Choose among:
- Fluorescent tubes or bulbs
  Use: Light bulbs (excl. Christmas tree light bulbs) ............................. 0627
- Glass tubing or test tubes ......................................................... 1124

Inner tubes (not used in snow or water tubing activity)
Use: Flotation toys (excl. official life saving devices) .............................. 3279

Tubing (activity)
Choose among:
- Snow tubing (activity, apparel or equipment) ................................... 1299
- Water tubing (activity, apparel or equipment) ..................................... 3200
Tubs (bathtubs)
Use: Bathtubs or showers
(incl. fixtures or accessories; excl. enclosures, faucets, spigots 
and towel racks)................................. 0611

Tumblers, rock
Use: Lapidary equipment......................... 0533

Tuners (stereo components)
Use: Stereo or hi-fi components 
or accessories (excl. self- 
contained units) ...................... 0546

Tunnels, play
Use: Children's play tents, play 
tunnels or other enclosures ............... 1322

Turf, artificial............................................... 1857

Turpentine..................................................... 0933
Also consider:
Paint removers

TVs
Use: Televisions ........................................... 0572

TV tables or stands................................. 0519

TV trays
Use: Trays (excl. food warmers) ............. 0432

Tweezers
Use: Manicuring devices ......................... 1659

Two-way radios, amateur...................... 0545

Two-wheeled licensed motor vehicles 
(excluding mopeds and trail bikes) ...... 1910

Two-wheeled, powered, off-road 
vehicles (incl. dirt bikes and 
trail bikes; excl. mopeds and 
minibikes) ................................................ 5036

Typewriters
Use: Business and office machines........ 0571
Umbrellas ................................................................. 1660

Unattached appliance or lamp cords ................................................................. 0684

Underground sprinklers
Use: Garden hoses, nozzles or sprinklers ....................................................... 1414

Underwear
Use: Day wear ....................................................................................... 1645

Uneven parallel bars
Use: Gymnastics (activity, apparel or equipment) ....................................... 1272

Unicycles ................................................................................................. 1283

Uniforms
For sports uniforms, use code for specific sport.
If uniform is not sports apparel, use:
Day wear ....................................................................................... 1645

Upholstered chairs
Choose among:
Upholstered recliner chairs ................................................................. 4019
Upholstered rocking chairs ................................................................. 4020
Other upholstered chairs ................................................................. 4052
If type of upholstered chair is not specifically identified,
Use: Upholstered chairs, not specified .................................................. 4053

Upholstery shampoos
Use: General-purpose household cleaners (excl. abrasives, ammonia, pine oil and toilet bowl products) ........................................... 0954

Urn.
Use: Knickknacks, statues, vases or urns ............................................... 0654

Utensils, kitchen
Use: Kitchen gadgets, not elsewhere classified ........................................ 0428
Also consider:
Tableware and accessories

Utility lighters
Choose among:
Multi-purpose lighters
Choose among:
Electric multi-purpose lighters ....................................................... 1689
Fuel multi-purpose lighters (incl. micro-torches) ................................... 1688
If type of multi-purpose lighter is not specifically identified,
Use: Multi-purpose lighters, not specified ............................................ 1690
Cigarette or pipe lighters ................................................................. 1604
If not specified if a multi-purpose lighter or a cigarette lighter,
Use: Lighters, not specified ............................................................... 1687

Utility meters ....................................................................................... 7878

Utility pipes
Use: Pipes (excl. smoking pipes) .............................................................. 0374
Vacuum cleaners .............................. 0115
Vacuum containers............................. 1102
Vacuums, lawn .................................... 1441
Vacuums, swimming pool
Use: Swimming pool equipment
(excl. chemicals, diving boards
and swimming pool slides) ................. 3262
Vanity cabinets
Use: Cabinets, racks, room dividers
and shelves, not elsewhere
classified ......................................... 4056
Vans
Use: Motor vehicles or parts (licensed;
four or more wheels) ............................. 1901
Vaporizers ........................................ 0305
Also consider:
Humidifiers
Vaporizers, insect
Use: Electric insect traps ....................... 1460
Varnish removers
Choose among:
Chemical varnish removers
Use: Paint or varnish removers;
paintbrush cleaners (excl. turpentine). ......... 0972
Powered paint removers
Use: Other portable or stationary power tools. .... 0809
Varnish thinners
Use: Paint or varnish thinners
(excl. turpentine) ................................... 0908
Varnishes
Use: Paints, varnishes or shellacs................. 0960
Vases
Use: Knickknacks, statues,
vases or urns ....................................... 0654
Vegetable brushes
Use: Manual cleaning equipment
(excl. buckets or pails) ......................... 0480
Vehicles, motorized
Choose among:
All-terrain vehicles (3 wheels only;
exclusively off road) ......................... 3285
All-terrain vehicles (4 wheels;
excl. dune buggies) ..................... 3286
All-terrain vehicles (more than 4
wheels; excl. dune buggies) .............. 3296
All-terrain vehicles (number of
wheels not specified; excl. dune buggies) .... 3287
Dune buggies/beach buggies ................. 3288
Go-carts ............................................ 3259
Golf carts ......................................... 1213
Licensed two-wheeled motor
vehicles
(excluding mopeds and trail bikes) ........ 1910
Motor vehicles or parts (licensed;
four or more wheels) ....................... 1901
Minibikes, powered ............................. 5035
Mopeds or power-assisted cycles ............. 3215
Motorcycles ....................................... 1910
Scooters/skateboards, powered ............. 5042
Snowmobiles (activity, apparel
or equipment) .................................. 1290
Two-wheeled, powered, off-road
vehicles (incl. dirt bikes and
trail bikes; excl. mopeds
and minibikes) ............................... 5036
Also consider:
Aircraft
Personal watercraft, powered
Trains
Vehicles, two-wheeled (unlicensed)
Choose among:
Bicycles or accessories (excl. mountain or all-terrain bicycles).............5033
Mountain or all-terrain bicycles or accessories .......................................5040
Minibikes, powered .................................................................5035
Mopeds or power-assisted cycles ......................................................3215
Two-wheeled, powered, off-road vehicles (incl. dirt bikes and trail bikes; excl. mopeds and minibikes) ..................................................5036
Video cameras
Use: Photographic equipment (excl. chemicals and projectors)...............0536

Video cassette recorders (VCRs)
Use: Tape recorders or players (self-contained units).................................0556

Video (VCR) cassettes
Use: Recording tapes.................................................................0531

Video games
Use: Computers (equipment and electronic games)..................................0557

Viewers, slide
Use: Projectors............................................................................0549

Vises or workshop clamps.................................................................0879

Vitamins
Choose among:
Liquid drugs (excl. aspirin, aspirin substitutes, iron preparations and antihistamines) ...........1927
Tablet or capsule drugs (excl. aspirin, aspirin substitutes, iron preparations and antihistamines) .................................................................1931
Preparations containing iron salts ..........................................................1916
Other drugs or medications ..................................................................1932

Volleyball (activity, apparel or equipment) ............................................1266

Voltage adapters
Use: Electrical wire or wiring systems (excl. panelboards, receptacles or interrupters) ...........4062

Voltage testers
Use: Electrical testing equipment..........................................................0815
Waders (boots)  
*Use:* Fishing (activity, apparel or equipment; excl. fishing knives) .............. 3223

Wading pools ............................................. 1246

Waffle irons, electric.................................. 0235

Wagons  
*Use:* Children's wagons ............................. 1328

Walkers  
*Choose among:*  
Baby walkers or jumpers ......................... 1508  
Crutches, canes or walkers ..................... 1706

Walkie-talkies  
*Use:* Amateur two-way radios............... 0545

Walking (for exercise)  
*Use:* Exercise (activity and apparel without equipment; incl. aerobics, stretching, walking, jogging and running (excl. track and field)) ................................ 3299

Walks / walkways, moving....................... 1891

Wall decorations  
*Use:* Pictures, picture frames or wall decorations.................................... 0652

Wallets  
*Use:* Clothing accessories ..................... 1647

Walleyball  
*Use:* Other ball sports (activity, apparel or equipment) .......................... 3235

Wallpaper .................................................... 1863

Wallpaper cleaners, chemical............... 0970  
*Also consider:*  
Household cleaners

Wallpaper scrapers  
*Use:* Knives, not elsewhere classified ............................................ 0464

Wallpaper steamers ................................. 0971

Wall plugs  
*Use:* Electrical outlets or receptacles...... 4061

Walls  
*Use:* Ceilings and walls (part of completed structure) ................................ 1884  
*Also consider:*  
Wood panels or paneling

Wall-to-wall carpeting  
*Use:* Room-sized, wall-to-wall or outdoor carpeting (excl. runners) ........... 0613

Warmers  
*Choose among:*  
Bottle warmers ........................................ 1510  
Food warmers ......................................... 0221

Washcloths  
*Use:* Towels or cloths ............................... 0666

Washers (for plumbing, etc.)  
*Use:* Nails, screws, tacks or bolts .......... 1819

Washers or sprayers, powered/pressure  
*Use:* Sprayers, not elsewhere classified ........................................ 0888
Washes, mouth
Use: Mouthwashes or mouth rinses (excl. peroxide) ......................... 1940

Washing machines
Choose among:
Washer-dryer combinations (within one frame) ......................... 0135
Washing machines with spin dryers (unheated) ........................... 0103
Washing machines without wringers or dryers ........................... 0101
Wringer washing machines ................................................. 0102
If type of washing machine is not specifically identified, Use: Washing machines, not specified ........ 0126

Washtubs
Use: Sinks (excl. faucets) ................................................. 0648

Waste containers, trash baskets or refuse bins ................................ 0413

Watches .................................................................. 1622

Water, hot ................................................................... 1934

Water boarding
Use: Water skiing (activity, apparel or equipment) ......................... 1264

Water fountains
Choose among:
Decorative yard equipment .............................................. 1417
Drinking fountains .......................................................... 0136

Water heaters
Choose among:
Electric water heaters (excl. immersion heaters) ......................... 0119
Faucet water heaters ....................................................... 0236
Gas water heaters .......................................................... 0118
Immersion water heaters, electric .......................................... 0242
Other water heaters .......................................................... 0133
If type of water heater is not specifically identified, Use: Water heaters, not specified ........ 0134

Water irrigators, teeth
Use: Electric toothbrushes or oral irrigators ........................................... 1608

Water pipes
Use: Pipes (excl. smoking pipes) ............................................. 0374

Water polo (activity, apparel or equipment) .................................................... 3276

Water purifiers (appliances)
Use: Water softeners or conditioners (appliances) ................................. 0125

Water skiing (activity, apparel or equipment) .................................................... 1264

Water slides
Choose among:
Water slides, backyard/home (not swimming pool slides) .................. 3294
Water slides, public (stationary amusement rides) ................................. 3295
Water slides, not elsewhere classified ................................................. 3293
Also consider:
Swimming pool slides

Water softeners or conditioners (appliances) ................................................. 0125
Water toys (excl. or squeaker toys and inner tubes or similar flotation equipment) .................................. 1365

Water tubing (activity, apparel or equipment) .................................. 3200

Water wings, rings or floats
Use: Flotation toys (excl. official life saving devices) .................................. 3279

Waterbeds or water pillows ...................... 0662

Waterbed heaters
Use: Waterbeds or water pillows ...................... 0662

Watercraft, personal powered ...................................................... 3292

Waterproofing compounds
Choose among:
Caulking or spackling compounds .................................. 0920
Waterproofing compounds (for fabric or clothing)
Use: Fabric treatment products (excl. spot removers, cleaning fluids, bleaches and dyes) .................................. 0952

Water-cooled fans
Use: Air conditioners .................................. 0381

Wax candles or paraffin
Use: Candles, candlesticks and other candle holders ...................... 0463

Wax paper
Use: Paper products (excl. bags, cups, straws and cardboard products) .............. 1137

Wax removers, floor
Use: General-purpose household cleaners (excl. abrasives, ammonia, pine oil and toilet bowl products) ...................... 0954

Waxers
Use: Floor buffers or waxes .................................. 0113

Waxes
Choose among:
Automotive waxes, polishes or cleaners .................................. 0978
Floor waxes .................................. 0904
Furniture polishes or waxes .................................. 0905

Weapons
Choose among:
Gas, air or spring-operated guns (incl. BB guns) .................................. 1237
Guns or other firearms .................................. 3224
Guns, not specified .................................. 3253
Toy weapons
Choose among:
Gas, air or spring-operated guns (incl. BB guns) .................................. 1237
Slingshots or sling-propelled toys .................................. 1352
Toy bows or arrows .................................. 1338
Toy caps, cap toys or cap guns .................................. 5015
Toy guns with projectiles .................................. 1399
Other toy guns .................................. 5006
Other toy weapons (nonprojectile) .................................. 1389
Other toy weapons (projectile) .................................. 5001
If type of toy gun is not specifically identified,
Use: Toy guns, not specified .................................. 1390
If type of toy weapon is not specifically identified,
Use: Toy weapons, not specified .................................. 5007

Weather stripping
Use: House structures and repair or construction materials, not elsewhere classified .................................. 1876

Wedges
Use: Other unpowered garden tools .............. 1403
Weed cutters, trimmers
Choose among:
  Brushcutters, powered ......................... 1463
  Manual lawn trimmers or edgers ............... 1450
  Lawn trimmers or edgers,
    powered (excl. brushcutters) ............... 1464
Weedwackers
  Use: Lawn trimmers or edgers,
    powered (excl. brushcutters) ............... 1464
If type of weed cutter is not specifically identified,
  Use: Pruning or trimming equipment,
    not specified ................................... 1447

Weight lifting (activity, apparel or equipment) ........................................... 3265

Welding equipment
Choose among:
  Electric welding equipment ................... 0812
  Fuel-burning welding equipment ................ 0831
If type of welding equipment is not specifically identified,
  Use: Welding equipment,
    not specified ................................... 0867
Also consider:
  Cutting torches
  Soldering equipment

Wet suits
Consult entry for specific water sport.

Wheelbarrows or lawn carts ..................... 1425

Wheelchairs ............................................ 1707

Wheeled riding toys .................. See: Riding toys

Whirlpools, hot tubs or home spas .............. 0698
Also consider:
  Saunas

Whistles
  Use: Toys, not elsewhere classified ............ 5004

Wicker baskets
Choose among:
  Plastic products, not elsewhere classified ........ 1855
  Wooden containers .................................. 1125
If type of wicker basket is not specifically identified,
  Use: Containers, not specified .................... 1141

Wigs, falls or hairpieces ......................... 1605

Winches
  Use: Hoists, lifts, jacks or jack stands .............. 0814

Wind sock
  Use: Decorative yard equipment ................. 1417

Windbreakers
  Use: Outerwear ...................................... 1646

Window fans
  Use: Fans ........................................ 0380

Windows
Choose among:
  Fixed floor-length glass panels ................ 1867
  Jalousie glass windows ......................... 1836
  Storm windows ..................................... 1826
  Other windows or window glass ................. 1875
If type of window is not specifically identified,
  Use: Windows or window glass,
    not specified ................................... 1873
Also consider:
  Window sills or frames
  Window or door security barriers

Window screens ...................................... 1828

Window or door security barriers ................ 1888

Window shades, venetian blinds or indoor shutters ................. 0638

Window sills or frames ......................... 1870
Wind-powered heating systems
Choose among:
Other water heaters ......................... 0133
Other heaters or heating systems .......... 0369

Windshield wiper fluids .................... 0967

Windsurfing
Use: Surfing (activity, apparel or equipment) ........................................... 1261

Windup or battery-operated toys (excl. dolls and toy animals)
Use: Toys, not elsewhere classified .................................................. 5004

Wine bottles
Use: Glass alcoholic beverage bottles .................................................. 1122

Wintergreen, oil of
Use: Liniments or rubbing compounds ............................................. 1915

Wire cutters
Use: Pliers, wire cutters or wrenches .............................................. 0857

Choose among:
Nonelectrical wire
Use: House structures or repair or construction materials, not elsewhere classified .......................................... 1876
Electrical wire or wiring systems (excl. panelboards, receptacles or interrupters) .............................................. 4062
Extension cords ................................................. 0685
Unattached appliance or lamp cords .............................................. 0684
If cord is attached, use code for the appliance or lamp.
If type of wire or wiring system is not specifically identified,
Use: Wire, not specified .............................................. 0837

Woks
Choose among:
Frying pans or skillets, electric .................. 0222
Metal cookware (nonelectric; excl. pressure cookers and canners) .................................................. 0460
If type of wok is not specifically identified,
Use: Cookware, not specified .............................................. 0466

Wood burning kits ........................................... 1362
Also consider:
Toys (arts, crafts or kits)

Wood paneling and particleboard ............. 1885

Wood-burning stoves
Use: Coal or wood-burning stoves ............... 0367
Also consider:
Grills
Stovepipes

Wooden containers .................................... 1125

Wooden pencils
Use: Pens and pencils .............................................. 1685

Work benches
Use: Workshop furnishings ............................ 0854
Work lights
Use: Trouble lights or extension
work lights ..............................................0877

Workshop compounds or chemicals ......0833
Also consider:
Automotive chemicals
School laboratory chemicals
Other chemicals

Workshop furnishings .............................0854

Workshop tools .......................... See: Specific tool
If specified power workshop tool
is not listed elsewhere, use:
Other portable or stationary
power tools ................................................0809
If the specified manual workshop
tool is not listed elsewhere, use:
Other manual workshop tools .................0881
If not specified if tool is a garden tool
or workshop tool or not specified
if it is a powered or manual tool,
Use: Tools, not specified ..................0893

Workshop staplers
Use: Heavy-duty workshop
staplers ..................................................0834

Worm probes
Use: Fishing (activity, apparel
or equipment; excl. fishing knives) .......3223

Wrenches
Use: Pliers, wire cutters or
wrenches ..............................................0857

Wrestling (activity, apparel
or equipment) ........................................1270

Wringer washing machines ...............0102

Wristwatches
Use: Watches .......................................1622
Y

Yard equipment, decorative ..................... 1417

Yard or garden tools
Consult entry for particular garden tool.
If the specified power garden tool is not listed elsewhere, use:
   Other power garden tools ..................... 1409
If the specified manual garden tool is not listed elsewhere, use:
   Other unpowered garden tools ............ 1403
If not specified if tool is a garden tool or workshop tool or not specified if it is a powered or manual tool,
   Use: Tools, not specified .................... 0893

Yardstick
   Use: Other manual workshop tools .......... 0881

Yarn
   Use: Sewing basket articles (excl. scissors, pins, needles and sewing machine accessories) .......... 1671

Yogurt makers
   Use: Other cookware ......................... 0465

Youth bed rails
   Use: Crib extender rails or youth bed rails .................................................. 1536

Youth chairs ........................................ 1518
Zip-open can openers
Use: Self-contained openers
(e.g., openers on zip-top or pull-top cans)............................................1103
Also consider:
Key-opened containers

Zippers
If zipper is attached, use code for clothing or product to which zipper is attached.
If zipper is unattached:
Use: Sewing basket articles (excl. scissors, pins, needles and sewing machine accessories).................1671

Zip lines
Use: Other playground equipment...............3219
## APPENDIX B: INJURY DIAGNOSIS CODES

<table>
<thead>
<tr>
<th>Diagnosis</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abcess</td>
<td>71</td>
</tr>
<tr>
<td>Use: Other injury diagnosis</td>
<td></td>
</tr>
<tr>
<td>Abrasion</td>
<td>53</td>
</tr>
<tr>
<td>Allergic reaction</td>
<td></td>
</tr>
<tr>
<td>If a drug/medicine reaction</td>
<td></td>
</tr>
<tr>
<td>Do not report</td>
<td></td>
</tr>
<tr>
<td>Otherwise, choose among:</td>
<td></td>
</tr>
<tr>
<td>Ingested or inhaled substance</td>
<td></td>
</tr>
<tr>
<td>Use: Poisoning</td>
<td>*68</td>
</tr>
<tr>
<td>Rash (contact with substance)</td>
<td></td>
</tr>
<tr>
<td>Use: Dermatitis, conjunctivitis</td>
<td>74</td>
</tr>
<tr>
<td>Amnesia</td>
<td>71</td>
</tr>
<tr>
<td>Use: Other injury diagnosis</td>
<td></td>
</tr>
<tr>
<td>Amputation</td>
<td>50</td>
</tr>
<tr>
<td>Anoxia</td>
<td>*65</td>
</tr>
<tr>
<td>Asphyxiation, asphyxia</td>
<td></td>
</tr>
<tr>
<td>Use: Anoxia</td>
<td>*65</td>
</tr>
<tr>
<td>Aspirated foreign object</td>
<td>*42</td>
</tr>
<tr>
<td>Avulsion</td>
<td>72</td>
</tr>
<tr>
<td>Blunt head injury</td>
<td></td>
</tr>
<tr>
<td>Use: Internal organ injury</td>
<td>62</td>
</tr>
<tr>
<td>Concussion</td>
<td>52</td>
</tr>
<tr>
<td>Conjunctivitis</td>
<td>74</td>
</tr>
<tr>
<td>Contact allergy (e.g. rash)</td>
<td></td>
</tr>
<tr>
<td>Use: Dermatitis, conjunctivitis</td>
<td>74</td>
</tr>
<tr>
<td>Contusions, abrasions</td>
<td>53</td>
</tr>
<tr>
<td>Crushing</td>
<td>54</td>
</tr>
<tr>
<td>Dental injury</td>
<td>60</td>
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<tr>
<td>Dislocation</td>
<td>55</td>
</tr>
<tr>
<td>Drowning or near drowning</td>
<td></td>
</tr>
<tr>
<td>Use: Submersion</td>
<td>*69</td>
</tr>
<tr>
<td>Electric shock</td>
<td>*67</td>
</tr>
<tr>
<td>Electrocution</td>
<td></td>
</tr>
<tr>
<td>Use: Electric shock</td>
<td>*67</td>
</tr>
<tr>
<td>Flash burn</td>
<td></td>
</tr>
<tr>
<td>Use: Radiation burn</td>
<td>73</td>
</tr>
</tbody>
</table>

### Notes:

- Choose among:
  - Chemical burn (incl. caustic burns)...
  - Electrical burn....
  - Radiation burn (incl. all cell damage by ultraviolet rays, X-rays, microwaves, lasers, radioactive materials)...
  - Scald burn (from hot liquid or steam)....
  - Thermal burn (from flames or hot surface)....
  - Burn, not specified....

- Use: Other injury diagnosis.

- *Anoxia*

- Do not report

- Do not report
<table>
<thead>
<tr>
<th>Diagnosis</th>
<th>Code</th>
<th>Diagnosis</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foreign object</td>
<td></td>
<td>Poisoning</td>
<td>*68</td>
</tr>
<tr>
<td>Choose among:</td>
<td></td>
<td>Pulled or torn ligament, muscle or tendon</td>
<td></td>
</tr>
<tr>
<td>Aspirated foreign object (thru nose)</td>
<td>**42</td>
<td>Use: Strain or sprain</td>
<td>64</td>
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<tr>
<td>Ingested foreign object (swallowed)</td>
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<td>Puncture</td>
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<td>56</td>
<td>Radiation injury</td>
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<tr>
<td>Fracture</td>
<td>57</td>
<td>Use: Radiation burn</td>
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</tr>
<tr>
<td>Gas, fume or vapor inhalation (excl. carbon</td>
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<td>Rash</td>
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</tr>
<tr>
<td>monoxide)</td>
<td></td>
<td>Use: Dermatitis</td>
<td>74</td>
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<tr>
<td>Use: Poisoning</td>
<td>*68</td>
<td>If a drug/medicine reaction</td>
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<tr>
<td>Head trauma or injury, not otherwise</td>
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<tr>
<td>Use: Other injury diagnosis</td>
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<td>(Also enter FMV code)</td>
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<td>Soft tissue injury</td>
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<td>not poisonous)</td>
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<td></td>
<td>Sprain</td>
<td>64</td>
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<td></td>
<td>Use: Sprain or strain</td>
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<td>Sprain or strain</td>
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<td>Strangulation</td>
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<td>Use: Anoxia</td>
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<td>(Also enter FMV code)</td>
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<td>Submersion (incl. drowning or near drowning)</td>
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<tr>
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<td>Suffocation</td>
<td>*65</td>
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<td></td>
<td>Use: Anoxia</td>
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<tr>
<td></td>
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<td>Swelling</td>
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<td>Use: Other</td>
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<td>Tendonitis</td>
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<td>Tooth loss or chipping (unless diagnosed as</td>
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<td>Use: Dental injury</td>
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<td><strong>Diagnosis</strong></td>
<td><strong>Code</strong></td>
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<td>-------------------------------------------------</td>
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<tr>
<td>Torn ligament, muscle or tendon</td>
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<td>Trauma (except head trauma)</td>
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<td>Use: Other</td>
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<td>Urticaria</td>
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<tr>
<td>Use: Dermatitis, conjunctivitis</td>
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<tr>
<td>Welding burn</td>
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<tr>
<td>Use: Radiation burn</td>
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<td>Other injury diagnosis</td>
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<td>(specify diagnosis in Comment)</td>
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<tr>
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* Always use code 85 for body part.
** Always use code 00 for body part.
## APPENDIX C: BODY PART CODES

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<tbody>
<tr>
<td>Abdomen</td>
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</tr>
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<td>Use: Lower trunk</td>
<td>79</td>
</tr>
<tr>
<td>Achilles tendon</td>
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</tr>
<tr>
<td>Use: Lower leg (excl. knee and ankle)</td>
<td>36</td>
</tr>
<tr>
<td>Ankle</td>
<td>37</td>
</tr>
<tr>
<td>Arm</td>
<td></td>
</tr>
<tr>
<td>Choose among:</td>
<td></td>
</tr>
<tr>
<td>Upper arm (humerus)</td>
<td>80</td>
</tr>
<tr>
<td>Lower arm (ulna, distal radius)</td>
<td>33</td>
</tr>
<tr>
<td>Elbow</td>
<td>32</td>
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<tr>
<td>Wrist</td>
<td>34</td>
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<tr>
<td>Back</td>
<td></td>
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<tr>
<td>Choose among:</td>
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</tr>
<tr>
<td>Upper trunk (thoracic)</td>
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</tr>
<tr>
<td>Lower trunk (lumbar)</td>
<td>79</td>
</tr>
<tr>
<td>Shoulder</td>
<td>30</td>
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<tr>
<td>Bladder</td>
<td></td>
</tr>
<tr>
<td>Use: Lower trunk</td>
<td>79</td>
</tr>
<tr>
<td>Brain</td>
<td></td>
</tr>
<tr>
<td>Use: Head</td>
<td>75</td>
</tr>
<tr>
<td>Buttocks</td>
<td></td>
</tr>
<tr>
<td>Use: Lower trunk</td>
<td>79</td>
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<tr>
<td>Calf</td>
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<tr>
<td>Use: Lower leg</td>
<td>36</td>
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<tr>
<td>Cervical</td>
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</tr>
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<td>Use: Neck</td>
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<tr>
<td>Cheek</td>
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</tr>
<tr>
<td>Use: Face</td>
<td>76</td>
</tr>
<tr>
<td>Chest</td>
<td></td>
</tr>
<tr>
<td>Use: Upper trunk (excl. shoulders)</td>
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</tr>
<tr>
<td>Chin</td>
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</tr>
<tr>
<td>Use: Face</td>
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### Part of body | Code
---|---
<p>| Clavicle | Use: Shoulder | 30 |
| Collarbone | Use: Shoulder | 30 |
| Colon | Use: Lower trunk | 79 |
| Coccyx | Use: Lower trunk | 79 |
| Diaphragm | Use: Upper trunk (excl. shoulders) | 31 |
| Ear | 94 |
| Elbow | 32 |
| Esophagus | Use: Upper trunk (excl. shoulders) | 31 |
| Eyeball | 77 |
| Eyebrow | Use: Face | 76 |
| Eyelid | Use: Face | 76 |
| Face | 76 |
| Femur | Use: Upper leg | 81 |
| Fibula | Use: Lower leg | 36 |
| Finger | 92 |
| Flank | Use: Lower trunk | 79 |
| Foot (metatarsal) | 83 |
| Forearm | Use: Lower arm | 33 |</p>
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<thead>
<tr>
<th><strong>Part of body</strong></th>
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<td>Forehead</td>
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<td>Genitals</td>
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<td><em>Use:</em> Pubic region</td>
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<td>Groin</td>
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<tr>
<td>Hand (metacarpal)</td>
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<tr>
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<td>82</td>
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<td>Head (scalp, parietal, occipital)</td>
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<tr>
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<td>75</td>
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<tr>
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<td>Hip</td>
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<td>Intestine</td>
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<td>81</td>
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<tr>
<td>Lower leg (fibula, tibia)</td>
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<tr>
<td>Knee</td>
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<td>Lip</td>
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<tr>
<td>Liver</td>
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<tr>
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<tr>
<td>Lower leg (fibula, tibia)</td>
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<tr>
<td>(excl. ankle and knee)</td>
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<td>Radius</td>
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<td>Upper leg (femur)</td>
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<td>Upper trunk (thoracic) (excl. shoulders)</td>
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<td>Wrist</td>
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<td>All parts of body</td>
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<td>25% - 50% of body</td>
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APPENDIX D
NEISS BODY PART DIAGRAM

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<td>94</td>
<td>Ear</td>
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<tr>
<td>77</td>
<td>Eyeball</td>
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<tr>
<td>76</td>
<td>Face (including eyelid, eye area and nose)</td>
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<tr>
<td>88</td>
<td>Mouth (including lips, tongue and teeth)</td>
</tr>
<tr>
<td>89</td>
<td>Neck</td>
</tr>
<tr>
<td>30</td>
<td>Shoulder</td>
</tr>
<tr>
<td>31</td>
<td>Upper trunk (not including shoulders)</td>
</tr>
<tr>
<td>80</td>
<td>Upper arm</td>
</tr>
<tr>
<td>32</td>
<td>Elbow</td>
</tr>
<tr>
<td>33</td>
<td>Lower Arm (not including elbow or wrist)</td>
</tr>
<tr>
<td>34</td>
<td>Wrist</td>
</tr>
<tr>
<td>82</td>
<td>Hand</td>
</tr>
<tr>
<td>92</td>
<td>Finger</td>
</tr>
<tr>
<td>79</td>
<td>Lower trunk</td>
</tr>
<tr>
<td>38</td>
<td>Pubic region</td>
</tr>
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<td>81</td>
<td>Upper leg</td>
</tr>
<tr>
<td>35</td>
<td>Knee</td>
</tr>
<tr>
<td>36</td>
<td>Lower leg (not including knee or ankle)</td>
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<tr>
<td>37</td>
<td>Ankle</td>
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<td>83</td>
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25-50% of Body
00 Internal
85 All Parts of Body
87 Not Stated

INJURY DIAGNOSIS CODE SUMMARY

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<td>†Aspirated Foreign Object</td>
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<tr>
<td>Avulsion</td>
<td>72</td>
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<tr>
<td>Burns (scald from hot liquids or steam)</td>
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<tr>
<td>Burns, thermal (from flames or hot surface)</td>
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</tr>
<tr>
<td>Burns, radiation (includes all cell damage by ultraviolet, X-rays, microwaves, laser beams, radioactive materials, etc.)</td>
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<tr>
<td>Burns, electrical</td>
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<tr>
<td>Burns, not specified</td>
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<td>Concussions</td>
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<td>Contusions, Abrasions</td>
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<td>Crushing</td>
<td>53</td>
</tr>
<tr>
<td>Dental Injury</td>
<td>54</td>
</tr>
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<td>Dermatitis, Conjunctivitis</td>
<td>60</td>
</tr>
<tr>
<td>Infection</td>
<td>74</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>INJURY DIAGNOSIS</th>
<th>CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dislocation</td>
<td>55</td>
</tr>
<tr>
<td>*Electric Shock</td>
<td>67</td>
</tr>
<tr>
<td>Foreign Body</td>
<td>56</td>
</tr>
<tr>
<td>Fracture</td>
<td>57</td>
</tr>
<tr>
<td>Hematoma</td>
<td>58</td>
</tr>
<tr>
<td>Hemorrhage</td>
<td>66</td>
</tr>
<tr>
<td>†Ingested Foreign Object</td>
<td>41</td>
</tr>
<tr>
<td>Internal Organ Injury</td>
<td>62</td>
</tr>
<tr>
<td>Laceration</td>
<td>59</td>
</tr>
<tr>
<td>Nerve Damage</td>
<td>61</td>
</tr>
<tr>
<td>*Poisoning</td>
<td>68</td>
</tr>
<tr>
<td>Puncture</td>
<td>63</td>
</tr>
<tr>
<td>Strain or Sprain</td>
<td>64</td>
</tr>
<tr>
<td>*Submersion (including Drowning)</td>
<td>69</td>
</tr>
<tr>
<td>Other</td>
<td>71</td>
</tr>
<tr>
<td>Not stated</td>
<td>70</td>
</tr>
</tbody>
</table>

*Code 85 should always be used for body part
†Code 00 should always be used for body part
APPENDIX E: SUMMARY OF SELECTED CODES

Age
Code in months (preceded by the number 2) if patient is less than 2 years old. Code in years if patient is 2 years old or more.

201 = less than 8 weeks
206 = 6 months
218 = 18 months
002 = 2 years
022 = 22 years
045 = 45 years
078 = 78 years
102 = 102 years
000 = not recorded

Gender
1 = Male
2 = Female
0 = Not recorded

Injury Diagnosis
See Appendixes B and D

Body Part Affected
See Appendixes C and D

Disposition
1 = Treated and released or examined and released without treatment
2 = Treated and transferred to another hospital
4 = Treated and admitted for hospitalization (within same facility)
5 = Held for observation
8 = Fatality, including DOA, died in the ED
9 = Not recorded

Product Codes
See alphabetic product code list

Injury Intent
1 = Assault / intentional injury inflicted

by one person on another person
2 = Self-inflicted injury (confirmed or suspected)
3 = Injury related to legal intervention / law enforcement activities
0 = Unintentional (accidental) injury or injury intent not determined / not recorded

Locale of Accident
1 = Home
2 = Farm/ranch
4 = Street or highway
5 = Other public property
6 = Mobile/Manufactured home
7 = Industrial
8 = School
9 = Place of recreation or sports
0 = Not recorded

Fire Involvement
1 = Fire involvement and/or smoke inhalation - Fire Dept. attended
2 = Fire involvement and/or smoke inhalation - Fire Dept. did not attend
3 = Fire involvement and/or smoke inhalation - Fire Dept. attendance is not recorded
0 = No fire involvement or fire involvement not recorded

Occupational or Work-related
1 = Work-related; occurred on the job (excluding active military duty)
2 = Not work-related; did not occur on the job
3 = Work-related; active military duty
0 = Not recorded

Race
1 = White
2 = Black
3 = Other
0 = Not stated in ER record
A Training Module for Coding Mechanism and Intent of Injury for the NEISS All Injury Program

November 3, 2006
(Revised)

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# Table of Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction</td>
<td>3</td>
</tr>
<tr>
<td>General Guiding Principles for Coding</td>
<td>4</td>
</tr>
<tr>
<td>Mechanism of Injury</td>
<td>4</td>
</tr>
<tr>
<td>Categories</td>
<td>5</td>
</tr>
<tr>
<td>Code sets and coding definitions</td>
<td>6</td>
</tr>
<tr>
<td>Guiding principles for coding</td>
<td>9</td>
</tr>
<tr>
<td>Intent of Injury</td>
<td>11</td>
</tr>
<tr>
<td>Code sets and coding definitions</td>
<td>11</td>
</tr>
<tr>
<td>Guiding principles for coding</td>
<td>13</td>
</tr>
<tr>
<td>Narrative Examples</td>
<td>13</td>
</tr>
<tr>
<td>Appendix I. Coding Definitions and Rules for Mechanism of Injury</td>
<td>24</td>
</tr>
<tr>
<td>Appendix II. Coding Definitions and Rules for Intent of Injury</td>
<td>44</td>
</tr>
<tr>
<td>Other Coding Decision Rules</td>
<td>52</td>
</tr>
</tbody>
</table>
Introduction

This module provides guiding principles, narrative examples, and practice exercises for training CPSC headquarters contract Quality Assurance coders (subsequently referred to as QA coders) to code NEISS cases for external causes of injury for the NEISS-All Injury Program. External cause of injury (i.e., mechanism and intent of injury) data from NEISS will provide critical national baseline data to monitor trends in nonfatal injuries treated in U.S. hospital emergency departments. This information will be used extensively for national, state, and local injury prevention activities, including setting priorities, developing public health policies, planning and evaluating prevention programs, and educating health professionals and the public.

The purpose of this training module is to provide coding guidelines to QA coders for promoting uniform and consistent coding of external cause of injury among multiple coders. All QA coders will be trained to code data using the same uniform set of coding rules and definitions that are provided in this module.

A list of guiding principles is provided that should be applied when coding all NEISS cases for mechanism and intent of injury. For mechanism of injury, QA coders will have primary responsibility for coding. For intent of injury, NEISS hospital coders will have primary responsibility for coding; however, QA coders will play a critical role by reviewing the assigned intent-of-injury codes for consistency and uniformity. If an assigned intent-of-injury code is questionable, then these records will be flagged for return to the hospital coder for verification. The QA supervisor will oversee the overall coding process by routinely reviewing a systematic sample of cases from each QA coder.

QA coders should thoroughly understand the coding rules and definitions for both mechanism and intent of injury and know how to apply them. During the training session, we will carefully examine the coding rules and definitions for both mechanism and intent of injury using some practical examples. Most of the examples are modified narratives taken from the NEISS All Injury Pilot Study that was conducted in summer 1997. After working through some examples, each QA coder will then be asked to complete a set of exercises to assess and reinforce their conceptual understanding of the coding guidelines, definitions, and rules.

Detailed coding instructions, and rules and definitions for mechanism and intent of injury are provided in Appendices I and II. These documents should be used for reference and as supplements to the definitions and guiding principles provided below. When in doubt about selecting appropriate codes, QA coders should refer to these more specific coding rules and definitions.
General Guiding Principles for Injury Coding

The following five principles for injury coding are general in nature but will be helpful to coders. Coders should familiarize themselves with the general concepts presented.

<table>
<thead>
<tr>
<th>Principle</th>
<th>Description of Principle</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>When coding mechanism and intent of injury, do not make decisions based on intuition. To ensure the consistency and accuracy of the data, <strong>always follow the coding rules and definitions.</strong></td>
</tr>
<tr>
<td>2</td>
<td>Using the guiding principles, code each case based on the narrative description of the incident contained in the comment field, and the diagnosis.</td>
</tr>
<tr>
<td>3</td>
<td>When in doubt, refer to the detailed reference guides (Appendices I and II) that specify coding rules and definitions.</td>
</tr>
<tr>
<td>4</td>
<td>If still in doubt, check with the supervisor.</td>
</tr>
<tr>
<td>5</td>
<td>Keep a logbook of unusual cases so you can refer back to them when coding similar cases.</td>
</tr>
</tbody>
</table>

**Mechanism of Injury**

The **mechanism of injury** refers to the way in which the injury was sustained, how the person was injured, or the process by which the injury occurred. Injuries are often the result of a sequence of events. In the NEISS All Injury Program, QA coders will be coding both the **precipitating** and the **direct** mechanisms of injury. These are defined as:

1. The **precipitating** mechanism is the initiating mechanism that started the chain of events leading to the injury; and

2. The **direct** mechanism is the most immediate mechanism that caused the actual physical injury or bodily harm.

In some cases there is only a single mechanism and therefore selecting the mechanism is straightforward, i.e., the **precipitating** and **direct** mechanisms are the same.

For more complex cases, selecting the correct codes will depend on the availability of information as well as the knowledge and frame of reference of the observer. This means that very similar events can be coded to different mechanisms. Based on the coding rules and definitions and the information provided in the narrative, use your best judgment to code the **precipitating** and **direct** mechanisms of injury for each NEISS case.

The following general guidelines should be used for coding the **direct and precipitating**
mechanisms of injury:

1. Select and code the mechanism that initiated the chain of events leading to the injury; this is the PRECIPITATING mechanism.

2. Select and code the mechanism most immediately and directly responsible for causing the physical injury or bodily harm; this is the DIRECT mechanism.

3. If more than one DIRECT mechanism is involved, select the PRECIPITATING and DIRECT mechanisms that resulted in the most severe injury.

4. Based on information provided in the narrative, if the injuries are of equal severity, select the injury mentioned first and then code the associated PRECIPITATING and DIRECT mechanisms. In NEISS, the most severe injury is the one represented in the NEISS record by the DIAGNOSIS and the PRIMARY BODY PART AFFECTED.

Table 1 provides a complete list of mechanism-of-injury categories to be coded. These categories represent major groupings of external causes that are important to injury researchers and injury prevention practitioners. Table 2 provides brief definitions of these categories. Table 3 gives guiding principles for coding mechanism of injury. Each QA coder should become familiar with the names and definitions of these mechanisms of injury and the guiding principles.

Table 1. Categories for Classifying Mechanism/Cause of Injury

<table>
<thead>
<tr>
<th>(01) Motor Vehicle Occupant</th>
<th>(13) Drowning/Near Drowning/Submersion</th>
</tr>
</thead>
<tbody>
<tr>
<td>(02) Motorcyclist</td>
<td>(14) Machinery</td>
</tr>
<tr>
<td>(03) Pedal Cyclist</td>
<td>(15) Foreign Body</td>
</tr>
<tr>
<td>(04) Pedestrian (Struck by or against a vehicle)</td>
<td>(16) Dog Bite</td>
</tr>
<tr>
<td>(05) Other Transport</td>
<td>(17) Other Bite/Sting</td>
</tr>
<tr>
<td>(06) Fall</td>
<td>(18) Firearm Gunshot</td>
</tr>
<tr>
<td>(07) Struck By/Against or Crushed</td>
<td>(19) BB/Pellet Gunshot</td>
</tr>
<tr>
<td>(08) Cut/Pierce/Stab</td>
<td>(20) Natural/Environmental</td>
</tr>
<tr>
<td>(09) Overexertion (strains/sprains without a fall)</td>
<td>(21) Adverse Effects – Therapeutic Drugs</td>
</tr>
<tr>
<td>(10) Fire/Burn (including smoke inhalation)</td>
<td>(22) Adverse Effects – Surgical/Medical Care</td>
</tr>
<tr>
<td>(11) Poisoning</td>
<td>(88) Other Specified</td>
</tr>
<tr>
<td>(12) Inhalation/Ingestion/Suffocation</td>
<td>(99) Unknown/Unspecified</td>
</tr>
</tbody>
</table>

If mechanism equals: (01) motor vehicle occupant, (02) motorcyclist, (03) pedal cyclist, (04) pedestrian, or (05) other transport, then code Traffic-Relatedness:
(1) Traffic (occurs on a public highway/street/road; a motor vehicle incident is assumed to have occurred on the highway unless another place is specified, except in the case of an accident involving only off-road vehicles such as ATV’s and go-carts; incidents involving only off-road vehicles should be coded as nontraffic).

(2) Nontraffic (occurs in any place other than a public highway/street/road)

(9) Unknown/unspecified (use this code for injuries involving only air transport, Railway, spacecraft or watercraft)

If mechanism equals: (01) Motor Vehicle Occupant, then code Occupant Status:

(1) Driver
(2) Passenger (i.e., inside passenger compartment or cab of motor vehicle)
(3) Person boarding or alighting (i.e., entering or leaving the vehicle)
(8) Other specified (e.g., riding in enclosed bed of pick-up truck)
(9) Unknown/unspecified

Table 2. Code Set and Definitions for Mechanism of Injury

<table>
<thead>
<tr>
<th>Code</th>
<th>Cause of Injury</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>(01)</td>
<td>Motor Vehicle Occupant</td>
<td>Injury to a motor vehicle occupant resulting from a collision, rollover, or some other event involving a vehicle, object, or pedestrian. Includes car, pickup truck, van, heavy transport, bus, ATVs, snowmobiles, and go-carts.</td>
</tr>
<tr>
<td>(02)</td>
<td>Motorcyclist</td>
<td>Injury to the driver or passenger of a motorcycle resulting from a collision, loss of control, or some other event involving a vehicle, object, or pedestrian. Includes motorcycle (classic style), sidecars, mopeds, motorized bicycles, and motor scooters.</td>
</tr>
<tr>
<td>(03)</td>
<td>Pedal Cyclist</td>
<td>Injury to pedal cycle rider(s) from a collision, loss of control, or some other event involving a moving vehicle or pedestrian. Includes, unicycles, bicycles, tricycles, mountain bikes. Does not include non-transport-related injuries.</td>
</tr>
<tr>
<td>(04)</td>
<td>Pedestrian (struck by or against a vehicle)</td>
<td>Injury to a person involved in a collision who was not at the time of the collision riding in or on a motor vehicle, railway train, motorcycle, bicycle, airplane, streetcar, animal-drawn vehicle, or other vehicle.</td>
</tr>
<tr>
<td>(05)</td>
<td>Other Transport</td>
<td>Injury to a person boarding, alighting, or riding in or on other transport vehicle involved in a collision with another vehicle, pedestrian, or animal not described above. Includes railway transport, water transport, air transport, space transport, animal and animal-drawn conveyance, battery-powered carts, parachute, para-sail, and ski lift or other cable car not on rails.</td>
</tr>
<tr>
<td>(06)</td>
<td>Fall</td>
<td>Injury received when a person descends abruptly due to the force of gravity and strikes an injury-producing surface at the same or lower level.</td>
</tr>
<tr>
<td>Code</td>
<td>Description</td>
<td>Details</td>
</tr>
<tr>
<td>------</td>
<td>--------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>(07)</td>
<td>Struck By/Against or Crushed</td>
<td>Injury resulting from being struck by, crushed by, or striking against a human, animal, or inanimate object or force other than a vehicle or machinery.</td>
</tr>
<tr>
<td>(08)</td>
<td>Cut/Pierce/Stab</td>
<td>Injury resulting from an incision, slash, perforation, or puncture by a pointed or sharp instrument, weapon, or object. Does not include laceration from being struck by or against a blunt object (such as the side of a nightstand) or bite wounds.</td>
</tr>
<tr>
<td>(09)</td>
<td>Overexertion (includes strains and sprains without a fall)</td>
<td>Acute overexertion of one’s body or body part causing damage to muscle, tendon, ligament, cartilage, joint, or peripheral nerve (e.g., common cause of strains, sprains, and twisted ankles); overexertion from lifting, pushing, or pulling; damage to body parts of a person caused by exertion from excessive force such as pulling of a person’s arm, leg, or other body part by another person or an inanimate object, equipment, or structure. Includes injury from overexertion from physical activities.</td>
</tr>
<tr>
<td>(10)</td>
<td>Fire/Burn (includes smoke inhalation)</td>
<td>Excessive exposure to flames, heat, or chemicals leading to destructive tissue changes in skin or deeper structures; smoke-induced injury to the upper airway, lower airway, or lungs.</td>
</tr>
<tr>
<td>(11)</td>
<td>Poisoning</td>
<td>Ingestion, inhalation, injection, or absorption through the skin of a drug, toxin (biologic or nonbiologic), or other chemical agent in a quantity sufficient to cause a harmful effect. Does not include the adverse effects of therapeutic drugs (code at 21) when taken in prescribed dose, or bacterial illness, such as food borne intoxication or food poisoning.</td>
</tr>
<tr>
<td>(12)</td>
<td>Inhalation/Ingestion/Suffocation</td>
<td>Inhalation, aspiration, or ingestion of food or other object that causes obstruction of the respiratory tract or suffocation; intentional, or accidental mechanical suffocation due to hanging, strangulation, lack of air in a closed place, plastic bag, or falling earth. Does not include injury caused by foreign body not blocking airway.</td>
</tr>
<tr>
<td>(13)</td>
<td>Drowning/Near Drowning/Submersion</td>
<td>Progressive asphyxia (suffocation) resulting from submersion in water or some other liquid.</td>
</tr>
<tr>
<td>(14)</td>
<td>Machinery</td>
<td>Injury directly associated with machinery in operation. Does not include injury involving machines not in operation; fall from escalator or moving sidewalk; or cut from powered lawn mower or other powered hand tools.</td>
</tr>
<tr>
<td>(15)</td>
<td>Foreign Body</td>
<td>Entrance of a foreign body into or through the eye or other natural body orifice without obstruction of airway, asphyxia, or suffocation. Includes pebble or dirt in eye, BB in ear.</td>
</tr>
<tr>
<td>(16)</td>
<td>Dog Bite</td>
<td>Injury caused by a dog bite. Does not include injury from other animal bites.</td>
</tr>
<tr>
<td>Code</td>
<td>Category</td>
<td>Description</td>
</tr>
<tr>
<td>------</td>
<td>---------------------------------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>(17)</td>
<td>Other Bite/Sting</td>
<td>Injury from a venomous (poisonous) or nonvenomous bite or sting through the skin, other than a dog bite. Includes human bite, cat bite, snake or lizard bite, insect bite, stings from coral or jellyfish, bite and stings by other plants and animals. Does not include injury associated with eating of poisonous plants or animals or biting one’s own tongue.</td>
</tr>
<tr>
<td>(18)</td>
<td>Firearm Gunshot</td>
<td>A penetrating force injury resulting from a projectile discharged from a powder-charged gun. Does not include injury caused by paint ball gun or nail gun. Includes gunshot wound from powder-charged handgun, shotgun, and rifle.</td>
</tr>
<tr>
<td>(19)</td>
<td>BB/Pellet Gunshot</td>
<td>A penetrating force injury resulting from a projectile discharged from a compressed air- or CO2-powered BB or pellet gun. Does not include injury caused by paint ball gun or nail gun. Includes gunshot wound from BB/pellet rifle or pistol.</td>
</tr>
<tr>
<td>(20)</td>
<td>Natural/Environmental</td>
<td>Injury resulting from exposure to adverse natural and environmental conditions (e.g., excess heat, excess cold, lightning, sunstroke, cataclysmic storms, and natural disaster), as well as lack of food or water.</td>
</tr>
<tr>
<td>(21)</td>
<td>Adverse Effects – Therapeutic Drugs</td>
<td>Injury associated with adverse effects during correct drug properly administered in therapeutic or prophylactic doses. Does not include accidental overdose of drugs or wrong drug given in error.</td>
</tr>
<tr>
<td>(22)</td>
<td>Adverse Effects – Surgical/ Medical Care</td>
<td>Complications associated with adverse events during medical care or surgical procedures causing injury. Includes foreign body left in surgical site, adverse effects of use of medical devices; failure in medical procedures for treatment or therapy. Does not include accidental overdose of drugs or wrong drug given in error.</td>
</tr>
<tr>
<td>(88)</td>
<td>Other Specified</td>
<td>Injury associated with any other specified mechanism not elsewhere classifiable. Includes electric current, electrocution, explosive blast, fireworks, overexposure to radiation, sunburn, animal-induced scratch or claw.</td>
</tr>
<tr>
<td>(99)</td>
<td>Unknown or Unspecified</td>
<td>Injury with inadequate or no information in the narrative to describe the mechanism of injury.</td>
</tr>
</tbody>
</table>
Table 3. Guiding Principles for Mechanism of Injury

<table>
<thead>
<tr>
<th>Principle</th>
<th>Description of Principle</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Code the precipitating and direct mechanisms that resulted in the most severe injury; the most severe injury is usually coded as the diagnosis.</td>
</tr>
<tr>
<td>2</td>
<td>Code each injury incident as it pertains to the injured person (e.g., a person riding bike that was hit by car would be coded as a pedal cyclist, not a motor vehicle occupant).</td>
</tr>
<tr>
<td>3</td>
<td>If the narrative described only one mechanism, code it as the precipitating mechanism.</td>
</tr>
<tr>
<td>4</td>
<td>Injuries that occur as a result of a motor-vehicle-related incident should take precedence over other mechanisms of injury except for gunshot wounds from firearms or BB/pellet guns. This rule pertains to all patients coded as motor vehicle occupant (code 01), motorcyclist (code 02), pedal cyclist (code 03), pedestrian (code 04), or other transport (code 05) who were injured in a motor-vehicle-related incident. For these cases, code the PRECIPITATING MECHANISM ONLY. Leave the DIRECT MECHANISM blank.</td>
</tr>
</tbody>
</table>
| 5         | If the injury was the result of a motor vehicle incident, code only the precipitating mechanism relevant to the incident. In addition, code:  
  - whether the incident was traffic-related or not for all transport-related injuries, and  
  - the occupant status (driver, passenger, etc.) for motor vehicle occupants. |
<p>| 6         | For sprains, strains, and twisted ankles involving slipping, tripping, or stumbling without a fall, code “overexertion” as the precipitating mechanism. |
| 7         | For injuries involving slipping, tripping, or stumbling followed by striking an object or person, code “fall” for precipitating mechanism, and code “struck by/against” for direct mechanism. Does not include falling on small objects, like a rock or brick, on the same level. |
| 8         | If a diagnosis states “laceration,” do not assume that you should automatically code the direct mechanism as “cut/pierce/stab.” Lacerations can also be caused by contact with a blunt object or a person’s fist. Review the narrative and if appropriate, code the direct mechanism as “struck by/against.” |
| 9         | If the injury was caused by direct contact with an instrument or object but the narrative does not mention that it was sharp or sharp-edged, assume that it was a blunt object and code the direct mechanism as “struck by/against.” |
| 10        | Smoke inhalation injuries should be coded as “fire/burn.” |
| 11        | Drug overdoses and wrong drug taken or given in error should be coded as “poisoning.” These differ from “adverse effects of drugs” which are adverse effects of drugs that were correctly administered, and given or taken at correct and/or therapeutic doses. |
| 12        | Coding of penetrating injuries or gunshot wounds from firearms or from BB and pellet guns take precedence over motor vehicle incidents, blunt injuries or stab wounds that may occur during a suicide attempt, an assault, or during legal intervention. Code the gunshot wound only as the precipitating mechanism. |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>Foreign bodies that block the airway or that affect breathing should be coded as “inhalation/ingestion.” Foreign body injuries are those that involve foreign objects entering natural body orifices/openings without blocking the airway.</td>
</tr>
<tr>
<td>14</td>
<td>Machinery injuries involve machinery in operation. Machinery does not include lawn mowers, powered hand tools, appliances, and implements which are considered objects.</td>
</tr>
<tr>
<td>15</td>
<td>Adverse effects of medical care and surgical procedures are injuries from complications associated with the use of medical devices, therapy, or from other medical/surgical procedures.</td>
</tr>
<tr>
<td>16</td>
<td>If a mechanism is specified in the narrative but does not fit any mechanism category, code as “other specified.”</td>
</tr>
<tr>
<td>17</td>
<td>If the information in the narrative is ambiguous, insufficient, or lacking to accurately code the mechanism, then code as “unspecified.”</td>
</tr>
</tbody>
</table>
**Intent of Injury**

Intent of injury refers to whether or not an injury or poisoning was purposely inflicted by oneself or by another person or other persons with the aim of injuring or killing. This data element indicates whether the injury resulted from an unintentional act or intentional act or one of unknown/undetermined intent.

The narrative should be reviewed to determine whether the circumstances of the injury event were an accident, foul play, or a violent event.

Table 4 provides intent of injury categories and definitions. Table 5 provides guiding principles for determining how to assign intent of injury given the information in the narrative.

### Table 4. Code Set and Definitions for Intent of Injury

<table>
<thead>
<tr>
<th>Code</th>
<th>Intent of Injury</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1)</td>
<td>Assault, Confirmed or Suspected</td>
<td>Injury from an act of fatal or nonfatal violence where physical force by one or more persons is used with the intent of causing harm, injury, or death to another person; or an intentional poisoning by another person. Includes perpetrators, and intended and unintended (e.g., innocent bystanders) victims of violent acts.</td>
</tr>
<tr>
<td>(2)</td>
<td>Intentionally Self-inflicted</td>
<td>Injury or poisoning resulting from a deliberate violent act inflicted on oneself with the intent to take one's own life or with the intent to harm oneself. Includes confirmed or suspected suicide, suicide attempt, and intentional self-harm.</td>
</tr>
<tr>
<td>(3)</td>
<td>Legal Intervention</td>
<td>Injury or poisoning caused by police or other legal authorities during law enforcement activities and includes injuries and poisonings inflicted during legal action or execution, or while attempting to enforce the law, such as an arrest or restraint of arrested person.</td>
</tr>
<tr>
<td>(0)</td>
<td>Unintentional/Undetermined</td>
<td>Injury or poisoning that is not inflicted by deliberate means with the intent to harm and includes those injuries and poisonings described as an &quot;accident,&quot; regardless of whether the injury was inflicted by oneself or by another person. Includes person hitting wall with fist when angry with no intent to harm oneself. Injury or poisoning where the intent of injury cannot be determined.</td>
</tr>
</tbody>
</table>
If intent of injury equals (1) **Assault**, then code **Victim-Offender Relationship** (i.e., the relationship of the offender to the patient):

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>spouse or partner (e.g., spouse, partner, ex-spouse, ex-partner, boyfriend, girlfriend, ex-boyfriend, ex-girlfriend)</td>
</tr>
<tr>
<td>02</td>
<td>parent (e.g., father, mother, stepfather, stepmother, unspecified parent)</td>
</tr>
<tr>
<td>03</td>
<td>other relative (e.g., sibling, grandfather, grandmother, child, in-laws, aunt, uncle, cousin, other unspecified relative)</td>
</tr>
<tr>
<td>04</td>
<td>unrelated care giver (e.g., foster mother, foster father, nanny)</td>
</tr>
<tr>
<td>05</td>
<td>acquaintance or friend (e.g., mother's boyfriend, roommate (non-intimate partner), neighbor, co-worker, employer, health care provider, unspecified friend)</td>
</tr>
<tr>
<td>06</td>
<td>official authorities/legal authorities (e.g., police, military, security guard)</td>
</tr>
<tr>
<td>07</td>
<td>multiple perpetrators</td>
</tr>
<tr>
<td>08</td>
<td>stranger (e.g., person unknown to victim)</td>
</tr>
<tr>
<td>088</td>
<td>other specified person</td>
</tr>
<tr>
<td>99</td>
<td>unknown/unspecified</td>
</tr>
</tbody>
</table>

If intent of injury equals (1) **Assault**, then code **Context of Assault**:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>altercation (e.g., argument or dispute over children, gambling, money, property, sex triangle, politics, ethnicity)</td>
</tr>
<tr>
<td>2</td>
<td>during illegal acquisition or attempted illegal acquisition of money/property (e.g., robbery, burglary, car-jacking)</td>
</tr>
<tr>
<td>3</td>
<td>drug-related (e.g., selling or buying drugs, argument over possession of drugs, failure to pay drug debt)</td>
</tr>
<tr>
<td>4</td>
<td>sexual assault (e.g., completed or attempted rape, completed or attempted sodomy other completed or attempted sexual assault with bodily force)</td>
</tr>
<tr>
<td>5</td>
<td>gang-related (e.g., altercation or confrontation involving gang members)</td>
</tr>
<tr>
<td>8</td>
<td>other specified (e.g., drive-by shooting, homicide-suicide pact, mercy killing, revenge, blackmail, extortion, ransom, kidnapping)</td>
</tr>
<tr>
<td>9</td>
<td>unknown/unspecified</td>
</tr>
</tbody>
</table>

**NOTE:** Only one of these codes is to be assigned. Assign a code using the following hierarchy: (4) sexual assault, (3) drug-related, (2) during illegal acquisition, (5) gang-related, (1) altercation, (8) other specified, and (9) not recorded/unknown.
Table 5. Guiding Principles for Coding Intent of Injury

<table>
<thead>
<tr>
<th>Principle</th>
<th>Description of Principle</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>If the injury resulted from an accident and did not result from intentional self-harm, foul play, an intentional violent act, or legal intervention, then code as “unintentional/undetermined.”</td>
</tr>
<tr>
<td>1</td>
<td>If the injury was inflicted by another person and the narrative indicates suspected or confirmed foul play or a violent event, code as “assault.” This includes injuries to innocent bystanders as well as victims and perpetrators. For “assaults,” code the victim-offender relationship and the context of assault.</td>
</tr>
<tr>
<td>2</td>
<td>If the injury was self-inflicted with the intent to harm oneself (suicide, suicide attempt, or other self-harm), code as “intentionally self-inflicted.” The narrative should provide evidence for self-harm, e.g., states suicide attempt, suicide ideation, heavy overdose of drugs and alcohol with depression.</td>
</tr>
<tr>
<td>3</td>
<td>If the injury was inflicted by a policeman, security officer, or other law enforcement personnel during official law enforcement activities, then code as “legal intervention.” Legal intervention should be coded only when the law enforcement official inflicts the injury upon an assailant or offender during the course of official duties. If the patient is a law enforcement officer who was injured by the perpetrator, then code this as an “assault.”</td>
</tr>
</tbody>
</table>

Examples of Injury Narratives and How to Apply Guiding Principles to Coding Mechanism and Intent of Injury

The following injury scenarios will be helpful in demonstrating how the guiding principles are applied to coding mechanism and intent of injury. After each scenario, the correct codes are given along with the appropriate guiding principles. In most cases, the scenarios listed here were taken directly from the National Electronic Injury Surveillance System (NEISS) All-Injury study.

1. “Patient slipped on bathroom floor striking head against toilet. Patient admitted. Diagnosis: 3 cm. right scalp laceration.”

   Codes:
   Precipitating mechanism: (06) Fall
   Mechanism: (07) Struck by/against or crushed
   Intent: (0) Unintentional

   Guiding Principle for Mechanism: #1- Code the precipitating and direct mechanisms that resulted in the most severe injury; the most severe injury is usually coded as the diagnosis. and
   #7 -For injuries involving slipping, tripping, or stumbling followed by striking an object or person, code “fall” for precipitating mechanism and “struck by/against” for direct mechanism.
and

#9 - If the injury was caused by direct contact with an instrument or object but the narrative does not mention that it was sharp or sharp-edged, assume that it was a blunt object and code the direct mechanism as “struck by/against.”

Guiding Principle for Intent: #1 - Unintentional/Undetermined - If the injury resulted from an accident and did not result from intentional self-harm, foul play, an intentional violent act, or legal intervention, then code as “unintentional/undetermined.”

2. “Patient was injured riding his bike in front of a car. Was hit by car, fell off and smacked his chin on the ground. Diagnosis: chin contusion.”

Codes:
Precipitating mechanism: (03) Pedal cyclist
Direct mechanism: None
Intent: (0) Unintentional
Traffic-relatedness: (1) Traffic

Guiding Principle for Mechanism: #2 - Code each injury as it pertains to the injured person (e.g., a person riding a bike that was hit by a car would be coded as a pedal cyclist, not a motor vehicle occupant)

and

#5 - If the injury was the result of a motor vehicle incident, code only the precipitating mechanism relevant to the incident. In addition, code:
- whether the incident was traffic-related or not for all transport-related injuries, and
- the occupant status (driver, passenger, etc.) for motor vehicle occupants

Guiding Principle for Intent: #1 Unintentional/Undetermined - If the injury resulted from an accident and did not result from intentional self-harm, foul play, an intentional violent act, or legal intervention, then code as “unintentional/undetermined.”

3. “Stubbed toe one week ago at home. Diagnosis: fractured toe.”

Codes:
Precipitating mechanism: (07) Struck by/against or crushed
Direct mechanism: None
Intent: (0) Unintentional

Guiding Principle for Mechanism: #3 - If narrative described only one mechanism, code it as the precipitating mechanism.

Guiding Principle for Intent: #1 Unintentional/Undetermined - If the injury resulted from an accident and did not result from intentional self-harm, foul play, an intentional violent act, or legal intervention, then code as “unintentional/undetermined.”

4. “Patient was driver in a crash with another car. Patient was hit by flying glass. Diagnosis: lacerated scalp.”

Codes:
- Precipitating mechanism: (01) Motor vehicle occupant
- Direct mechanism: None
- Intent: (0) Unintentional
- Traffic-relatedness: (1) Traffic
- Occupant status: (1) Driver

Guiding Principle for Mechanism: #4 - Injuries involving motor vehicle incidents take precedence over other mechanisms.

and

#5 - If the injury was the result of a motor vehicle incident, code only the precipitating mechanism relevant to the incident. In addition, code:

- whether the incident was traffic-related or not for all transport-related injuries, and
Guiding Principle for Intent:  

#1 - Unintentional/Undetermined - If the injury resulted from an accident and did not result from intentional self-harm, foul play, an intentional violent act, or legal intervention, then code as “unintentional/undetermined.”

5. “Injured after drinking a few beers; driving truck into another vehicle; being thrown from vehicle into ravine.”

Codes:
Precipitating Mechanism: (01) Motor vehicle occupant
Direct Mechanism: None
Intent: (0) Unintentional
Traffic-relatedness: (1) Traffic
Occupant status: (1) Driver

Guiding Principle for Mechanism:  

#4 - Injuries involving motor vehicle collisions take precedence over other mechanisms.  
and  
#5 - If the injury was the result of a motor vehicle incident, code only the precipitating mechanism relevant to the incident. In addition, code: - whether the incident was traffic-related or not for all transport-related injuries, and - the occupant status (driver, passenger, etc.) for motor vehicle occupants.

Guiding Principle for Intent:  

#1 - Unintentional/Undetermined - If the injury resulted from an accident and did not result from intentional self-harm, foul play, an intentional violent act, or legal intervention, then code as “unintentional/undetermined.”

6. “15 year old male twisted left ankle this evening playing basketball. Left ankle sprain.”

Codes:
Precipitating mechanism: (09) Overexertion
Direct mechanism: None
Intent: (0) Unintentional

Guiding Principle for Mechanism:  

#6 - For sprains, strains, and twisted ankles involving slipping, tripping, or stumbling without a
fall, code “overexertion” as the precipitating mechanism.

and

# 3 - If the narrative described only one mechanism, code it as the precipitating mechanism.

Guiding Principle for Intent:  #1 - Unintentional/Undetermined - If the injury resulted from an accident and did not result from intentional self-harm, foul play, an intentional violent act, or legal intervention, then code as “unintentional/undetermined.”


Codes:
Precipitating mechanism:  (06) Fall
Direct mechanism:    (07) Struck by/against or crushed
Intent:     (0) Unintentional

Guiding Principle for Mechanism: #7 - For injuries involving slipping, tripping, or stumbling followed by striking an object or person, code “Fall” for precipitating mechanism, and “Struck by/against” for direct mechanism.

Guiding Principle for Intent:  #1 - Unintentional/Undetermined - If the injury resulted from an accident and did not result from intentional self-harm, foul play, an intentional violent act, or legal intervention, then code as “unintentional/undetermined.”

8. “45 year old male was cutting down a tree branch when limb fell and struck pt. in head. Dx: head laceration.”

Codes:
Precipitating mechanism:  (07) Struck by/against crushed
Direct Mechanism:    None
Intent:     (0) Unintentional

Guiding Principle for Mechanism: # 8 - If a diagnosis states ‘laceration,’ do not assume that you should automatically code the direct mechanism as ‘cut/pierce/stab.’

and

# 3 - If the narrative described only one mechanism, code it as the precipitating mechanism.
Guiding Principle for Intent: #1 - Unintentional/Undetermined - If the injury resulted from an accident and did not result from intentional self-harm, foul play, an intentional violent act, or legal intervention, then code as “unintentional/undetermined.”

9. “Patient states was beaten up by 2 men in parking lot. Struck in face with a belt. Cut under left eye. Dx: lacerated eye.”

Codes:
Precipitating mechanism: (07) Struck by/against or crushed
Direct mechanism: None
Intent: (1) Assault, confirmed or suspected
Victim-offender relationship: (07) Multiple perpetrators
Context of Assault: (1) Altercation

Guiding Principle for Mechanism:
#9 - If the injury was caused by direct contact with an instrument or object but does not mention that it was sharp or sharp-edged, assume that it was a blunt object and code the direct mechanism as “struck by/against or crushed.”

and

#3 – If the narrative describes only one mechanism, code it as the precipitating mechanism.

Guiding Principle for Intent: #2- Assault, confirmed or suspected - If the injury was inflicted by another person and the narrative indicates suspected or confirmed foul play or a violent event, code as “assault.” For assaults, code the victim-offender relationship and the context of assault.

10. “59 yr. old male brought in short of breath. States was burning leaves and may have inhaled smoke. Dx: Smoke inhalation.”

Codes:
Precipitating mechanism: (10) Fire/burn
Direct mechanism: None
Intent: (0) Unintentional

Guiding Principle for Mechanism:
#10 - Smoke inhalation should be coded as “fire/burn.”
Guiding Principle for Intent: #1 - Unintentional/Undetermined - If the injury resulted from an accident and did not result from intentional self-harm, foul play, an intentional violent act, or legal intervention, then code as “unintentional/undetermined.”

and

#3 - If the narrative described only one mechanism, then code it as the precipitating mechanism.


Codes:
Precipitating mechanism: (11) Poisoning
Direct mechanism: None
Intent: (2) Suicide/Suicide attempt/intentional self-harm

Guiding Principle for Mechanism: #11 - Drug overdoses and wrong drug given or taken in error should be coded as “poisoning.” This differs from (21) Adverse Effects - Therapeutic Drugs which are adverse effects that occur even though drugs are correctly administered and in correct doses.

and

#3 - If the narrative described only one mechanism, then code it as the precipitating mechanism.

Guiding Principle for Intent: #3 - Intentionally self-inflicted. If the injury was self-inflicted with the intent to harm oneself (suicide, suicide attempt, or other self-harm) code as “intentionally self-inflicted.”

12. “26 year old male shot and struck by policeman during street riot. Dx: GSW to upper leg and contusion to occipital area of head.”

Codes:
Precipitating mechanism: (18) Firearm/Gunshot
Direct mechanism: None
Intent: (3) Legal intervention

Guiding Principle for Mechanism: #12 - Coding of penetrating injuries or gunshot wounds from firearms or from BB and pellet guns take precedence over blunt injuries or stab wounds that may occur during a suicide attempt, an assault, or during legal intervention.
#3 - If the narrative described only one mechanism, then code it as the precipitating mechanism.

Guiding Principle for Intent: #1 Unintentional/Undetermined - If the injury resulted from an accident and did not result from intentional self-harm, foul play, an intentional violent act, or legal intervention, then code as “unintentional/undetermined.”


Codes:
Precipitating mechanism: (12) Inhalation/Ingestion/Suffocation
Direct mechanism: None
Intent: (0) Unintentional

Guiding Principle for Mechanism: #13 – Foreign bodies that block the airway or that affect breathing should be coded as “inhalation/ingestion.” Foreign body injuries involve foreign objects entering natural body orifices/openings without blocking the airway.

#3 - If the narrative described only one mechanism, then code it as the precipitating mechanism.

Guiding Principle for Intent: #4 - Legal Intervention - If the injury was inflicted by a policeman, security officer, or other law enforcement personnel during official law enforcement activities, then code as “legal intervention.” Legal intervention should be coded only when the law enforcement official inflicts the injury upon an assailant or offender during the course of official duties. If the law enforcement officer is injured by the perpetrator, then code this as an “assault.”


Codes:
Precipitating mechanism: (14) Machinery
Direct mechanism: (09) Overexertion
Intent: (0) Unintentional

Guiding Principle for Mechanism: 
#14 - Machinery injuries involve machinery in operation. Machinery does not include lawn mowers, powered hand tools, appliances, and implements which are considered objects.

and

#6 - For sprains, strains, and twisted ankles involving slipping, tripping, or stumbling without a fall, code “overexertion” as the precipitating mechanism.

Guiding Principle for Intent: 
#1 Unintentional/Undetermined - If the injury resulted from an accident and did not result from intentional self-harm, foul play, an intentional violent act, or legal intervention, then code as “unintentional/undetermined.”

15. “Patient had allergic reaction to Augmentin. Dx: Urticaria, drug reaction.”

Codes: 
Precipitating mechanism: (21) Adverse effects – Therapeutic drugs
Direct mechanism: None.
Intent: (0) Unintentional

Guiding Principle for Mechanism: 
#15 - Adverse effects of medical care and surgical procedures are injuries from complications associated with the use of medical devices, medications, or from medical/surgical procedures.

and

#3 - If the narrative described only one mechanism, then code it as the precipitating mechanism.

Guiding Principle for Intent: 
#1 Unintentional/Undetermined - If the injury resulted from an accident and did not result from intentional self-harm, foul play, an intentional violent act, or legal intervention, then code as “unintentional/undetermined.”

16. “Pt. injured in explosion at oil refinery. Pt. conscious. Dx: Multiple contusions from flying objects.”

Codes: 
Precipitating mechanism: (88) Other specified
Direct mechanism: (07) Struck by/against or crushed
Intent: (0) Unintentional

Guiding Principle for Mechanism: #16 - If a mechanism is specified in the narrative but does not fit any mechanism category, then code as (88) Other specified.

Guiding Principle for Intent: #1 Unintentional/Undetermined - If the injury resulted from an accident and did not result from intentional self-harm, foul play, an intentional violent act, or legal intervention, then code as “unintentional/undetermined.”

17. “Patient brought to emergency department unconscious. Dx: Leg fracture”

Coding:
Precipitating mechanism: (99) Unknown/unspecified
Direct mechanism: None
Intent: (0) Unintentional

Guiding Principle for Mechanism: #17 - If the information in the narrative is ambiguous, insufficient, or completely lacking to accurately code the mechanism, then code as “(99) Unknown/unspecified.”

and

#3 - If the narrative described only one mechanism, then code it as the precipitating mechanism.

Guiding Principle for Intent: #1 Unintentional/Undetermined - If the injury resulted from an accident and did not result from intentional self-harm, foul play, an intentional violent act, or legal intervention, then code as “unintentional/undetermined.”
Appendix I.

NEISS All Injury Program
Coding Definitions and Rules for Mechanism of Injury

November 3, 2006
(Revised)

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Instructions to Coders:

The following are coding definitions and rules for data elements associated with mechanisms of injury for NEISS All Injury Program cases. These data elements include mechanism of injury and two associated subdata elements that further characterize motor vehicle and other transport-related injuries (i.e., traffic-relatedness and occupant status). Please refer to this document as a guide for coding injury cases. Note that inclusion and exclusion criteria are provided along with examples of specific cases and how they should be coded.

D. Mechanism of Injury

**Definition:** Refers to how the injury was sustained; how the person was hurt.

**Context:** Physical injury results when human tissues are acutely exposed to energy in one form or another, and sustain some form of damage. In some cases, an injury results from an insufficiency of any of the vital elements (in drowning, strangulation, or freezing). The process whereby injury occurs may be described as the ‘mechanism of injury.’ More than one mechanism of injury may be coded.

**Guide for use:** Injuries are often the result of a sequence of events. We are interested in capturing both the mechanism that initiated the sequence of events and the mechanism that directly caused the bodily harm. More specifically, we are asking you to code two mechanisms from information provided in the narrative on each NEISS All Injury Program case, namely:

1. The **precipitating** mechanism that started the chain of events leading to the injury; and

2. The **direct** and most immediate mechanism that caused the actual physical injury or bodily harm.

In some cases there is only a single mechanism and therefore selecting the mechanism is straightforward, e.g., cutting one's finger while preparing food. In this case, the precipitating and direct mechanisms are the same and should be coded as such.

In other cases, the situation may be more complex because more than one mechanism is involved. For example, an event resulting in injury might begin when a person slips on a wet floor and then strikes his or her head against a nearby basin while falling.

Different contexts place different emphasis on these two types of mechanisms. In clinical situations, focus is often on the direct mechanism causing the physical trauma. For prevention practitioners, the emphasis is more on the precipitating mechanism, that is the mechanism that started the chain of events leading to an injury. Deciding where a process leading to injury started is not always easy, and the choice is likely to be strongly influenced by the availability of information, as well as the knowledge and frame of reference of the observer. This means that very similar events can be coded to different
mechanisms. You should use your best judgement, given information in the narrative about the precipitating and direct mechanisms of injury for each NEISS case.

The situation can be further complicated because a combination of direct mechanisms may cause more than one injury. For example, the mechanisms of injuries sustained in a car crash may be a poorly defined combination of striking moving or static objects, snapping of the neck from deceleration, etc.

Please use the following guidelines for coding the direct and precipitating mechanisms of injury:

1. Select and code the mechanism that initiated the chain of events leading to the injury; this is the PRECIPITATING mechanism.

2. Select and code the mechanism most immediately and directly responsible for causing the physical harm; this is the DIRECT mechanism.

EXAMPLE: One of the most common injury-related scenarios involving more than one mechanism will be where a person trips, falls and then strikes his/her head against a blunt object (e.g., tree) or sharp object (e.g., sharp edge of table, broken glass). In the case of the blunt object, the DIRECT mechanism would be a "struck by/against" and the PRECIPITATING mechanism would be a "fall." In the case of the sharp object, the DIRECT mechanism would be a "cut/pierce" and the PRECIPITATING mechanism would be a "fall." Please see the coding definitions and rules below for further details and examples.

3. If more than one DIRECT mechanism is involved, select the PRECIPITATING and DIRECT mechanisms that resulted in the most severe injury.

4. Based on information provided in the narrative, if the injuries are of equal severity, select the injury mentioned first and then code the associated PRECIPITATING and DIRECT mechanisms.

Use the following coding definitions and rules to code the PRECIPITATING and DIRECT mechanisms of injury. The data element mechanism of injury also includes codes for the adverse effects of therapeutic use of drugs, and of surgical and medical care.

Mechanism of Injury Codes, Definitions, Inclusions and Exclusions

(01) = Motor vehicle occupant

Definition: Injury to a motor vehicle occupant resulting from a collision,
rollover, or some other event involving a vehicle, object, or pedestrian.

Note: Motor vehicle-related injuries take precedence over other mechanisms of injury. Therefore, an injured occupant in a motor vehicle crash should be coded as (01)-Motor Vehicle Occupant. Other types of vehicle-related mechanisms (motorcyclists, pedal cyclists, pedestrians and other transports (02 - 05)) should be coded based on the status of the injured person. For example, a bicyclist injured when hit by a car would be coded as (03)-Pedal cyclist. For all transport-related injuries, code the precipitating mechanism field with the appropriate transport code (i.e., 01 through 05) and always leave the direct mechanism field blank.

Includes: Injury to a person boarding, alighting, or riding in or on the following types of motor vehicle (MV):

- automobile
- pickup truck, van or sports utility vehicle (SUV)
- heavy transport vehicle
- bus, including passengers on school bus when injured in transport (added 08/16/2004)
- 3-wheel motor vehicle
- 4-wheel all terrain vehicle (ATV) – off-road motor vehicle
- go-cart – off-road motor vehicle
- snowmobile (added 03/12/01)

Excludes: Injury involving other transport vehicles, such as:

- bicyclist or other pedal cyclist involved in a MV crash (Code as (03)-Pedal cyclist)
- pedestrian involved in a MV crash (Code as (04)-Pedestrian)
- airplane occupant in airline crash (Code as (05)-Other transport)
- hot air balloon crash (Code as (05)-Other transport) (added 08/12/2002)
- train occupant in train wreck (Code as (05)-Other transport)
- boat occupant in boat crash (Code as (05)-Other transport)
- cataclysm (e.g., tornado) (Code as (20)-Natural/Environ.)
- passengers of school bus injured during incident not related to transport (e.g., fight on bus, hit in eye by paper airplane) (Code as other cause, as appropriate) (added 08/16/2004)

(02) = Motorcyclist

Definition: Injury to the driver or a passenger of a motorcycle resulting from a collision, loss of control, or some other event involving a vehicle, object, or
Injury to a person riding on a motorcycle, where a *motorcycle* is defined as a two-wheeled motor vehicle with one or two riding saddles and sometimes with a third wheel for the support of a sidecar. The sidecar is considered part of the motorcycle. Also includes mopeds, motorized bicycles, and motor scooters.

- motorcycle (classic style)
- motorized dirt (off road) bike
- moped
- motorized bicycle
- motor-scooter

**Excludes:** Injury to persons riding on nonmotorized two-wheeled vehicles

- bicyclist or other pedal cyclist involved in a motorcycle crash *(Code as (03)-Pedal cyclist)*

**(03) = Pedal cyclist**

**Definition:** Injury to pedal cycle rider(s) from a collision, loss of control, or some other event involving a moving vehicle or pedestrian.

**Includes:** Injury to a person while riding on a pedal cycle where a *pedal cycle* is defined as any land transport vehicle operated solely by pedals, such as:

- unicycle
- bicycle
- tricycle
- mountain bike
- pedal-driven push vehicle

**Excludes:** Nontransport-related injury, such as:

- bike fell on person's hand when repairing tire *(Code as (07)-Struck by/against or crushed)*
- person pinching finger while adjusting bicycle seat *(Code as (07)-Struck by against or crushed)*

**(04) = Pedestrian (struck by or against a vehicle)**

**Definition:** Injury to a person not riding in or on a vehicle resulting from the person being struck by or striking against a motor vehicle, railway train,
motorcycle, bicycle, or other vehicle on land (added 01/29/2003)

**Includes:** Injury to a pedestrian where pedestrian is defined as any person involved in a collision who was not at the time of the collision riding in or on a motor vehicle, motorcycle, railway train, airplane, streetcar, animal drawn vehicle, a pedal cycle, an animal, or other vehicle on land (added 01/29/2003).

- person walking across the road and struck by car
- person on skateboard hit by motorcycle in street
- child hit or run over by car in the driveway or parking lot
- child in baby carriage hit by bus
- person standing on the street and struck by car
- person walking down street colliding with a parked car (moved to excludes on 08/12/2002)
- person in wheelchair hit by bicycle

**Excludes:** Injury from collision of pedestrian (conveyance) with other pedestrian (conveyance), an object other than a motor vehicle, or a parked motor vehicle (added 08/12/2002).

- person colliding with another person crossing the road (Code as (07)-Struck by/against)
- person falling out of wheelchair while crossing the road (Code as (06)-Fall)
- person colliding with a light post while crossing the road (Code as (07)-Struck by/against)
- person walking down street colliding with a parked car (Code as (07)-Struck by/against) (added 08/12/2002).
- person on skateboard colliding with another person on a skateboard (Code as (07)-Struck by/against)
- child falling out of a baby carriage after hitting bump in road (Code as (06)-Fall)
- swimmer or person in water struck by boat or personal watercraft (Code as (07)-Struck by/against)- (added 01/29/2003)

(05) = Other transport (not elsewhere classified)

**Definition:** Injury sustained to a person riding in or on all other transport vehicle involved in a collision, or other event involving a vehicle (added 10/19/01), pedestrian, or animal not described above.
Includes: Injury to a person boarding or alighting or riding in or on the following types of vehicles:

- railway transport/streetcar (occupant)
- water transport (occupant)
- air transport (occupant), including hot air balloon (08/12/2002)
- space transport (occupant)
- animal (rider)
- animal-drawn conveyance (rider)
- battery-powered carts and vehicles (rider)
- ski lift or other cable car not on rails (rider)
- mobility carts (battery) for elderly
- parachute (added 03/12/01)
- power scooter/power skateboard (added 11/25/02)

Excludes: Other transport-related injuries, such as:

- person strained foot while walking from one place to another (Code as (09)-Overexertion)
- person sprained foot while running for leisure or sports activity (Code as (09)-Overexertion)

(06) = Fall

Definition: Injury sustained when a person descends abruptly due to the force of gravity and strikes an injury-producing surface at the same or lower level.

Includes: Injury from fall on same level or from one level to another (e.g., fall from slipping, tripping, or stumbling), including injury from fall from or off:

- ladders or scaffolds
- skates or skate board
- wheelchairs
- beds
- chairs
- stairs and steps
- moving sidewalk
- playground equipment
- while being carried or supported
- from buildings
- trees
- cliffs
Excludes: Injury from the following mechanisms:
- thrown off horse while horseback riding (Code as (05)-Other Transport for precipitating mechanism
- fall into fire or onto hot object (Code as (06)-Fall for precipitating mechanism and (10)-Fire/burn for direct mechanism)
- fall into water with injury due to submersion or drowning (Code as (06)-Fall for precipitating mechanism and (13)-Drowning/near drowning for direct mechanism)
- fall from/into machinery (Code as (06)-Fall for precipitating mechanism and (14)-machinery for direct mechanism)
- fall from/into transport vehicle (Code as (01)-Motor vehicle occupant, (02)-Motorcyclist, (03)-Pedal cyclist, (04)-Pedestrian or (05)-Other transport, accordingly)
- crush injury from collapsed building (Code as (07)-Struck by/against or crushed)
- falling/jumping from a burning building, DX: leg fracture (Code as (10)-Fire/burn) for precipitating mechanism and (06)-Fall for the direct mechanism)
- falling on a sharp/pointed object or sharp glass (Code as (06)-Fall for precipitating mechanism and (08)-Cut/pierce/stab for direct mechanism)

(07) = Struck by/against or crushed

Definition: Injury resulting from being struck by, crushed by, or striking against a human, animal, or inanimate object or force other than a vehicle or machinery.

Includes: Injury from being struck by or against, such as:
- walk into wall
- struck by another person's fists
- sexual assault
- struck by scope of gun from kickback while shooting a rifle
- pistol whipping or struck by gun
- collision with another person or an object
- bumping the outside of a stationary motor vehicle while walking or standing next to it (example added 08/12/2002)
- cut by fan blade (example added 09/30/2003)
- rubbing against shoes/clothes causing blister/abrasion
- cave-ins
- falling rocks, stones, or trees
- caught/crushed, jammed, or pinched between:
  - stationary objects (e.g., appliances)
- moving objects (e.g., sliding door and door frame, escalator)

**Excludes:** Injury that results from the following mechanisms:

- fall to the ground or other flat surface (e.g., carpet, floor) *(Code as (06)-Fall)*
- striking glass door or window that breaks resulting in laceration *(Code as (08)-Cut/Pierce/Stab)*
- struck by debris from explosive blast (e.g., bomb, dynamite, butane) *(Code as (88)-Other specified)*
- struck by a firearm gunshot *(Code as (18)-firearm gunshot)*
- struck by a BB/pellet gunshot *(Code as (19)-BB/pellet gunshot)*

*(08) = Cut/Pierce/Stab*

**Definition:** Injury resulting from an incision, slash, perforation, or puncture by a pointed or sharp instrument, weapon, or object.

**Includes:** Injury, such as a laceration, puncture or stab from:

- a knife, sword, or dagger
- contact with sharp glass
- needle stick
- fish hook stick
- contact with sharp edge of non-powered hand tool
- contact with powered lawn mower blade
- contact with power hand tools and household appliances
- contact with plant thorns, spines, sharp leaves

**Excludes:** Injury caused by the following mechanisms:

- laceration from an explosive blast (e.g., bomb, dynamite, butane) *(Code as (88)-Other specified)*
- laceration from being struck by a fist *(Code as (07)-Struck by/against)*
- laceration from being struck by or against a blunt object, such as the side of a night stand or lamp table *(Code as (07)-Struck by/against)*
- laceration from a dog bite *(Code as (16)-Dog bite)*
- puncture wound from a snake bite *(Code as (17)-Other bite/sting)*
- animal-induced scratch or claw *(Code as (88)-Other specified)*
• cut by fan blade (Code as (07)-Struck by/against) (example added 09/30/2003)

(09) = Overexertion

**Definition:** acute overexertion of one’s body or body part causing damage to muscle, tendon, ligament, cartilage, joint, or peripheral nerve (e.g., common cause of strains, sprains, and twisted ankles); overexertion from lifting, pushing, or pulling; damage to body parts of a person caused by exertion from excessive force such as pulling of a person’s arm, leg, or other body part by another person or an inanimate object, equipment, or structure.

**Includes:** Injury from overexertion from physical or strenuous activities, such as:

- weightlifting
- lifting or pushing heavy objects
- marathon running
- swimming
- rowing
- basketball
- other exercise or recreational activity described as “strenuous” or “overdoing it.”
- mother pulled on child’s arm causing hyperextension
- rolling over wrong way in bed
- tangled in clothing or bed spread

**Excludes:** Injury caused by the following mechanisms:

- fall down steps or stairs (Code as (06)-Fall)
- fall to the ground (Code as (06)-Fall)
- struck by or against an object or structure (Code as (07)-Struck by/against)

(10) = Fire/Burn (including smoke inhalation)

**Definition:** Excessive exposure to flames, heat, or chemicals leading to destructive tissue changes in skin or deeper structures; smoke-induced injury to the upper airway, lower airway, or lungs.

**Includes:** Burn or smoke-induced injury from fires, flames, heat, or chemicals, such as:

- fire from lightning
- private dwelling or building fire
• forest or prairie fire  
• cigarette, cigar, pipe  
• welding torch  
• lighter or match  
• hot object (e.g., stove, toaster)  
• hot liquid  
• steam  
• chemical (includes corrosives; war operations with chemical weapons)  
• mace or pepper spray to the eye (added 03/12/01)

**Excludes:** Burns from transport incident, explosive blast, sun/UV light exposure, or machinery, such as

• occupant burned during motor vehicle crash (Code as (01)-Motor vehicle occupant)  
• flash burn from exploding propane tank (Code as (88)-Other specified)  
• sunburn (Code as (88)-Other specified)  
• burn from metalworks machinery in operation (Code as (14)-Machinery)

(11) = Poisoning

**Definition:** Ingestion, inhalation, injection, or cutaneous absorption of a drug, toxin (biologic or nonbiologic), or other chemical agent in a quantity sufficient to cause a harmful effect

**Includes:** Poisoning as the result of:

• overdose of drug (e.g., antiepileptics, sedatives and hypnotics, narcotics, hallucinogens, drugs acting on autonomic nervous system unspecified drugs and medications)  
• extreme/acute alcohol intoxication (e.g., unresponsive, unconscious)  
• overdose of illicit drugs  
• wrong drug given or taken in error  
• drug taken inadvertently  
• other chemical (solid, liquid, gas, or vapor)  
• unintentional misuse of a drug during medical procedures  
• administration of drugs with homicidal or suicidal intent  
• poisoning with undetermined intent  
• legal intervention involving gases  
• toxic effect of other noxious substances (e.g., poisonous
mushrooms or berries)

**Excludes:** Adverse effects of drugs and bacterial illness, such as:

- the adverse effects of therapeutic use of drugs (**Code as (21)-Adverse effect of therapeutic use of drugs**)
- food poisoning (**Code as (88) Other Specified**)

(12) = **Inhalation/Ingestion/Suffocation**

**Definition:** Inhalation, aspiration, or ingestion of food or other object that causes obstruction of the respiratory tract or suffocation; intentional or accidental mechanical suffocation due to hanging, strangulation, lack of air in a closed place, plastic bag or falling earth.

**Includes:** Injury caused by blocking of airway from:

- inhalation/ingestion of food
- inhalation/ingestion of other objects
- hanging or strangulation
- suffocation by plastic bag, bedding, sheet, cloth or other material
- suffocation from pressure on chest or other cause restricting ability to breath
- entrapment in closed space
- foreign body in nose (e.g. bean, marble) with asphyxia, obstruction of airway, or suffocation

**Excludes:** Injury cause by foreign body not blocking airway, such as:

- foreign body entering eye (**Code as (15)-Foreign body**)
- foreign body entering ear (**Code as (15)-Foreign body**)
- foreign body in nose without obstruction of airway or suffocation (**Code as (15)-Foreign body**)
- foreign body in mouth or pharynx without obstruction of airway or suffocation (**Code as (15)-Foreign body**)
- foreign body in esophagus or other parts of the alimentary canal without obstruction of airway or suffocation (**Code as (15)-Foreign body**)

(13) = **Near Drowning/Drowning (Nonfatal) (changed 08/16/2004)/Submersion**

**Definition:** Progressive asphyxia resulting from submersion in water or some other liquid. Nonfatal respiratory impairment from submersion/immersion in water or some other liquid – (changed 08/10/2004)
**Includes:** Injury due to submersion in water or other liquids, such as

- unintentional drowning/submersion
- intentional self-inflicted drowning/submersion
- assaultive drowning/submersion
- drowning/submersion of undetermined intent
- water transport-related drowning/submersion

**Excludes:** Injury involving submersion in water or other liquids associated with natural disasters

- drowning and submersion due to cataclysm or natural disaster
  
  *(Code as (20)-Natural/environmental for precipitating mechanism and (13)-Near drowning/drowning/submersion for the direct mechanism)*

(14) = Machinery

**Definition:** Injury directly associated with machinery in operation.

**Includes:** Injury involving machinery, such as

- agricultural machine (e.g. tractors, threshers, reapers)
- mining and earth-drilling machine
- lift, crane (e.g., forklift) *(example added 03/12/01)*
- jack hammer *(example added 09/30/2003)*
- metalworking machine (e.g., drilling machine, lathe)
- woodworking machine (e.g., circular saw, bench saw)
- printing machine
- machine to manufacture clothing, foodstuffs, or paper
- electric motor
- belt, cable, chain, gear, pulley shaft
- earth moving machine (e.g., bulldozer)

**Excludes:** Injury involving machines not in operation; injury caused by hand tools, appliances and implements, such as:

- struck by or against a machine not in operation *(Code as (07)-Struck by/against)*
- caught in machine not in operation *(Code as (07)-Struck by/against)*
- cut by hand tool, appliance and implements *(Code as (08)-Cut/pierce/stab)*
- cut by chain saw (Code as (08) Cut/pierce/stab)
- caught in washing machine (Code as (07)-Struck by/against)
- fall from escalator or moving sidewalk (Code as (06)-Fall)
- electric current in connection with machinery (Code as (14)-Machinery for precipitating mechanism and (88)-Other specified for the direct mechanism)
- poisoning by carbon monoxide generated by machine (Code as (14)-Machinery) for precipitating mechanism and (11)-Poisoning) for the direct mechanism)
- explosion of pressure vessel (e.g., boiler, gas cylinder) in connection with machinery (Code as (14)-Machinery) for precipitating mechanism and (88)-Other Specified for the direct mechanism)

(15) = Foreign body

**Definition:** Entrance of a foreign body into or through the eye or other natural body orifice without obstruction of airway, asphyxia, or suffocation.

**Includes:** Injury caused by a foreign object entering body openings without blocking airway, such as:

- foreign body (e.g., rock, dirt) in eye
- foreign body (e.g., BB or marble) in ear
- foreign body entering through the mouth without blocking airway or suffocation
- foreign body entering through other body orifice (e.g. anus, penis, vagina)

**Excludes:** Injury associated with the following causes:

- poisoning (Code as (11)-Poisoning)
- firearm gunshot (Code as (18)-Firearm gunshot)
- BB/pellet gunshot (Code as (19)-BB/pellet gunshot)
- stabbing (Code as (08)-Cut/pierce/stab)
- stuck by fish hook (Code as (08)-Cut/pierce/stab)
- drowning (Code as (13)-Drowning/near drowning
- inhalation or ingestion of food or object blocking airway (Code as (12)-Inhalation/ingestion)
- ingestion of corrosive fluid (Code as (11)-Poisoning)

(16) = Dog bite

**Definition:** Injury caused by a dog bite.
**Includes:** Injury caused by an intentional or accidental dog bite to any part of the body, for example:

- dog attacked man and bit him on the leg
- dog snapped at child and bit him on lip

**Excludes:** Injury from other animal bites, such as:

- cat bite *(Code as (17)-Other bite/sting)*
- insect bite *(Code as (17)-Other bite/sting)*
- mouse bite *(Code as (17)-Other bite/sting)*
- horse bite *(Code as (17)-Other bite/sting)*

(17) = **Other bite/sting**

**Definition:** Injury from a venomous or nonvenomous bite or sting through skin, other than a dog bite.

**Includes:** Injury associated with venomous and nonvenomous bites and stings from humans, animals and plants, including:

- human bite
- cat bite
- horse bite
- venomous snake or lizard bite
- insect bites and stings (e.g., bee, hornet, ant, tick, flea)
- stings from coral and jellyfish
- bite and stings by other plants and animals

**Excludes:** Injury associated with ingestion of poisonous animals and plants:

- eating toxic berries or other toxic plants *(Code as (11)-Poisoning)*
- eating toxic mushrooms or other toxic fungi *(Code as (11)-Poisoning)*

(18) = **Firearm gunshot**

**Definition:** A penetrating force injury resulting from a projectile discharged from a powder-charged gun.

**Includes:** Injury from a gunshot wound from a powder-charged firearm, including:

- handgun (or pistol)
- rifle (includes bolt-action, semi-automatic or automatic rifles;
army rifle, hunting rifle, assault rifle)
- shotgun
- larger firearm (includes high caliber machine gun (50 caliber or higher)

**Excludes:** Other gun-related injuries, such as:

- pistol whippings or being struck by or against a firearm (**Code as (07)-Struck by/against**)
- gunshot from compressed air- or CO2-powered BB and pellet gun (**Code as (19)-BB/pellet gunshot**)
- kickback from air gun (**Code as (07)-Struck by/against**)
- struck in eye by paint ball from paint ball gun (**Code as (07)-Struck by/against**)
- puncture wound from nail gun (**Code as (08)-Cut/pierce/stab**)

(19) = BB/Pellet gunshot

**Definition:** A penetrating force injury resulting from a projectile discharged from a compressed air- or CO2-powered BB or pellet gun.

**Includes:** Injury from a gunshot wound from a compressed air- or CO2-powdered BB or pellet gun, such as:

- BB gun pistol
- BB gun rifle
- pellet gun pistol
- pellet gun rifle

**Excludes:** Other types of gun-related injury, such as:

- struck by or against a BB or pellet gun (**Code as (07)-Struck by/against**)
- gunshot from powder-charged firearms (**Code as (18)-Firearm gunshot**)
- shot dirt in eye from air gun (e.g., pop guns)(**Code as (15)-Foreign body**)
- shot in leg from paint ball gun (**Code as (07)-Struck by/against**)
- puncture wound in hand from nail guns (**Code as (08)-Cut/pierce/stab**)

(20) = Natural/Environmental

**Definition:** Injury resulting from exposure to adverse natural and environmental
conditions, as well as lack of food or water.

**Includes:** Injuries associated with adverse environmental conditions, such as:

- exposure to lightning
- exposure to excess heat or excess cold
- sunstroke
- exposure to cataclysmic storms and floods (e.g., hurricane, tornado, earthquake, avalanche, volcanic eruption, blizzard)
- lack of food or water due to adverse environmental conditions (modified 03/12/01 to add “due to” part)
- natural disaster

**Excludes:** Injuries associated with venomous and nonvenomous bites and stings from plants and animals, including:

- dog bite (Code as (16)-Dog bite)
- venomous snake or lizard bite (Code as (17)-Other bite/sting)
- tick and flea bite (Code as (17)-Other bite/sting)
- insect bites and sting (Code as (17)-Other bite/sting)
- stings from coral, jellyfish, or sting ray (Code as (17)-Other bite/sting)
- bites and stings by other plants and animals (Code as (17)-Other bite/sting)

(21) = **Adverse effect of therapeutic use of drugs**

**Definition:** Injury associated with adverse effects during correct drug properly administered in therapeutic or prophylactic doses.

**Includes:** Injuries associated with adverse effects of drugs, such as:

- antibiotics
- hormones
- allergy drugs
- anticoagulants
- analgesics (e.g., pain killers, such as Demerol, codeine)
- sedatives (e.g., barbiturates, Valium)
- psychotropics (e.g., tranquilizers, antidepressants)
- vaccines
- other drugs

**Excludes:** Injury from:
• accidental overdose of drugs or wrong drug given in error (Code as (11)-Poisoning)

(22) = Adverse effects of surgical and medical care

**Definition:** Complications associated with adverse events during medical care or surgical procedures

**Includes:** Complications such as:

• foreign body left in surgical site
• adverse effects of use of medical devices
• failure of procedures for medical treatment or therapy

**Excludes:** Injury from:

• accidental overdose of drugs or wrong drug given in error (Code as (11)-Poisoning)
• accidental or intentional ingestion of drugs prescribed to another person (e.g., parent’s medications) (Code as (11) Poisoning or (88) Other Specified, as appreciate) (added 08/16/2004)

(88) = Other specified mechanism

**Definition:** Injury associated with any other specified mechanism not elsewhere classifiable.

**Includes:** Injury from other specified mechanisms, such as:

• electric current (e.g., electrical burn)
• electrocution
• explosion of pressure vessel (e.g., gas cylinder, boiler)
• explosive blast (e.g., bomb, dynamite, acetylene, propane)
• fireworks
• overexposure to radiation (e.g., UV light, X-ray, laser, radioactive isotopes)
• welding flash burn
• sunburn
• animal-induced scratch or claw (e.g., cat scratch)
• repetitive motion
• late effects of accidental injury

**Excludes:** Injury where the mechanism of injury is not specified in the narrative (Code as (99)-unspecified/undetermined)
(99) = Unknown/unspecified mechanism

Definition: Injury with inadequate information in the narrative to describe the mechanism of injury, e.g., unspecified dermatitis.

For Mechanism of Injury transport categories (01) through (05), the following data element apply:

E. Traffic-relatedness (of the transport incident)

(1) = Traffic (occurs on a public highway/street/road)

Definition: any vehicle incident occurring on a public highway, street, or road [i.e., originating on, terminating on, or involving a vehicle partially on the highway]. A motor vehicle “accident” (MVA) is assumed to have occurred on the public highway unless another place is specified, except in the case of those involving only off-road motor vehicles, which are classified as nontraffic incidents unless the contrary is stated. Also, boarding and alighting injuries should be coded as (9) unknown/unspecified unless traffic-relatedness is specified.

(2) = Nontraffic (occurs in any place other than a public highway/street/road)

Definition: any vehicle incident that occurs entirely in any place other than a public highway/street/road.

(9) = Unknown/unspecified

For Mechanism of Injury transport categories (01) MV-occupant, the following data element apply:

F. Occupant status (of person injured)

Definition: the position of the occupant in the vehicle at the time of the injury incident

(1) = Driver
(2) = Passenger
(3) = Person boarding or alighting (i.e., entering and leaving the vehicle)
(8) = Other specified (e.g., on outside of vehicle or bed of pick-up truck; fall out of vehicle)
(9) = Unknown/unspecified
Appendix II.

NEISS All Injury Program
Coding Definitions and Rules for Intent of Injury

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(Revised)

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Instructions to Coders:

The following are coding definitions and rules for data elements associated with intent of injury on NEISS All Injury Program cases. These data elements include intent of injury (unintentional, assault, suicide/suicide attempt, other intentionally self-inflicted injuries, legal intervention, operations of war/civil insurrection, and undetermined intent) and some associated subdata elements that further characterize assaultive injuries. Please refer to this document as a guide for coding injury cases. Please note that inclusion and exclusion criteria are provided along with examples of specific cases and how they should be coded.

A. Intent of Injury

**Definition:** Whether or not an injury or poisoning was purposely inflicted by oneself or by another person or other persons with the aim of injuring or killing. This data element indicates whether the injury resulted from an unintentional act or intentional act or one of unknown/undetermined intent.

(1) = Assault, confirmed or suspected

**Definition:** Injury from an act of fatal or nonfatal violence where physical force by one or more persons is used with the intent of causing harm, injury or death to another person; intentional poisoning by another person.

**Includes:** injuries and poisonings resulting from foul play or intent to harm including intended and unintended victims of violent acts such as:

- victim of fight
- victim shot during altercation
- innocent bystander observing a violent act
- perpetrator shot by store clerk during robbery
- road rage
- gang-related injury
- drive-by shooting
- robbery
- drug trafficking
- rape and other sexual assault
- spouse abuse
- poisoned by spouse
- maltreatment of adult
- child abuse
- child maltreatment

**Excludes:** injuries and poisonings not involving a violent act or where the medical record gives no indication of violence or injuries and poisonings resulting from animal attacks, such as:
- accidental shooting (code as 0- Unintentional/Undet.)
- accidental poisoning (code as (0)-Unintentional/Undet.)
- accidental drug overdose (code as (0)-Unintentional/Undet.)
- injured while horsing around (code as (0)-Unintentional/Undet.)
- playing with BB gun (code as (0)-Unintentional/Undet.)
- attack by dog (code as (0)-Unintentional/Undet.)
- snake bite (code as (0)-Unintentional/Undet.)

(2) = Suicide/suicide attempt/other intentional self-harm, confirmed or suspected

**Definition:** Injury or poisoning resulting from a deliberate violent act inflicted on oneself with the intent to take one's own life. Injury resulting from a deliberate violent act inflicted on oneself with the intent to harm oneself without an indication in the medical record of a suicide attempt.

**Includes:** injuries and poisonings where the medical record indicates that the person was trying to take their life or harm themselves deliberately. For example, suicide, suicide attempts, or self-inflicted harm through:

- self-inflicted gunshot wound to the head
- slashing of wrists
- acute overdose of alcohol and/or drugs
- carbon monoxide poisoning
- self-mutilation
- self-burning

**Excludes:** injuries and poisonings where the medical record does not indicate that the person intended to take their life or harm themselves, such as:

- teenager hitting fist into wall when upset at mom (code as (0)-Unintentional/Undet.)
- injury associated with excessive alcohol intake at party (code as (0)-Unintentional/Undet.)

(3) = Legal intervention

**Definition:** Injury or poisoning caused by police or other legal authorities (e.g., security guard) during law enforcement activities and includes injuries and poisonings inflicted during legal action or execution, or while attempting to enforce the lawful orders of a court of law, such as arrest or restraint of arrested persons. Could include the perpetrator or another person injured by the law enforcement officer while acting in the line of duty.

**Includes:** injuries and poisonings occurring during legal intervention
involving:

- firearm discharge
- explosives, such as grenades
- gases, such as tear gas
- pepper spray
- fist
- blunt objects, such as batons
- sharp objects
- legal execution
- other specified and unspecified means

**Excludes:** injuries and poisonings where the medical record does not indicate that law enforcement was involved in the incident or that the law enforcement officer caused the injury in the line of duty, such as:

- police injured someone, but not in the line of duty (code as (1)-Assault)
- police injured spouse or partner during domestic dispute (code as (1)-Assault)
- person injured by assailant prior to police custody (Code as (1) – Assault)

(0) = **Unintentional/undetermined**

**Definition:** Injury or poisoning that is not inflicted by deliberate means and includes those injuries and poisonings described as “accidents,” regardless of whether the injury was inflicted by self or by another person. Injury or poisoning where the intent of injury cannot be determined.

**Includes:** injuries and poisonings where adequate information is provided in the medical record to suggest that the injury was unintentional. No indication or suggestion in the record of foul play or intent to harm.

**Excludes:** injuries and poisonings resulting from violent acts or suspected violent acts or those injuries and poisonings where information about the injury incident in the medical record is adequate to determine the intent of injury.

**B. Sub data element of assault:** Relationship between victim and perpetrator

**Definition:** Relationship of the perpetrator to the victim

(01) = **spouse or partner** (includes same-sex partners)
Includes:
• current partner
• former spouse
• former partner
• boyfriend; former boyfriend
• girlfriend; former girlfriend
• father of her child; mother of his child
• dating partner including first date (heterosexual or same-sex) [note: bullet added 2/26/2001]

(02) = parent

Includes:
• father
• mother
• stepfather
• stepmother
• unspecified parent

Excludes: • foster parents (code as (04)-unrelated care giver)

(03) = other relative

Includes:
• sibling
• grandfather
• grandmother
• adult child
• minor child
• in-laws
• aunt, uncle, cousin
• other specified or unspecified relative

(04) = unrelated care giver

Includes:
• foster mother
• foster father
• other specified or unspecified unrelated care giver

(05) = acquaintance or friend

Includes:
• mother’s boyfriend
• father’s girlfriend
• roommate (non-intimate partner)
• neighbor
• co-worker
• employer
• health care provider
• other specified or unspecified acquaintance or friend

_Excludes:_ • intimate partners (code as (01)-spouse or partner)

(06) = official authorities/legal authorities

_Includes:_ injury to victim while not in the line of duty by
• military police
• law enforcement officer
• other security officer
• other civilian authority

_Excludes:_ injury to other person by a law enforcement officer or other legal authority in the line of duty (code Intent as legal intervention rather than assault)

(07) = multiple perpetrators

(08) = stranger

**Definition:** • person unknown to victim

_Excludes:_ • official/legal authorities (code as (06)-official authority)

(88) = other specified persons

(99) = Unknown/unspecified

C. **Sub data element of assault:**  Context of assault

**Definition:** Reason for assault; the context of the assault at the time the injury occurred

(1) = altercation

**Definition:** heated argument or dispute

_Includes:_ • traffic altercation
• over children
• over gambling, money, or property
• over sex (jealousy, rivalry, triangle)
• over politics
• over ethnicity, race, or sexual preference

**Excludes:**
• drug-related altercation (code as (3)-drug-related)
• rape and other sexual assault (code as (4)-sexual assault)
• gang-related altercation (code as (5)-gang-related)

(2) = **during illegal acquisition or attempted illegal acquisition of money/property**

**Includes:**
• robbery
• burglary
• car-jacking

**Excludes:**
• drug-related (code as (3)-drug-related)

(3) = **drug-related**

**Includes:**
• selling or drug business
• argument over possession
• failure to pay drug debt

**Excludes:**
• altercation during illegal acquisition or attempted illegal acquisition of money or property (code as (2)-illegal acquisition)

(4) = **sexual assault**

**Definition:** Injuries from sexual assault involving

• the use of physical force to compel another person to engage in a sexual act against his or her will, whether the act is completed or not.

• attempted or completed sex act involving a person unable to 1) understand the nature of the act, 2) decline participation, or 3) communicate unwillingness to participate for whatever reason

• abusive sexual contact—includes intentional touching directly, or through the clothing, of the genitalia, anus, groin, breast, inner thigh, or buttocks of any person against his or her will, or of any person who is unable to understand the nature or
condition of the act, to decline participation, or to communicate unwillingness to be touched (e.g., because of illness, disability, or the influence of alcohol or other drugs, or due to intimidation or pressure). [Note: description of abusive sexual contact added on 02/26/2001]

- abusive sexual contact--Intentional touching, either directly or through the clothing, of the genitalia, anus, groin, breast, inner thigh, or buttocks of any person against his or her will, or of a person who is unable to consent (e.g., because of age, illness, disability, the influence of alcohol or other drugs) or refuse (e.g., due to the use of guns or other non-bodily weapons, or due to physical violence, threats of physical violence, real or perceived coercion, intimidation or pressure, or misuse of authority). [Note: new definition added to WISQARS on 10/29/01]

**Includes:**
- rape, completed or attempted
- sodomy, completed or attempted
- other sexual assaults with bodily force, completed or attempted

(5) = gang-related

**Includes:**
- confrontation involving gang member
- altercation involving gang member

(8) = other specified

**Includes:**
- drive-by shooting
- homicide-suicide pact
- mercy killing
- revenge
- blackmail
- extortion
- ransom
- kidnapping
- contract injuring or killing

(9) = Unknown/unspecified
Other Coding Decision Rules (Implemented 8/23/2000)

The following are general coding decision rules that apply to different types of cases being reported in the NEISS-All Injury Program:

1) Coding rules for assigning mechanism of injury are patterned after the ICD-9-CM coding guidelines and rules. When unclear about which mechanism to assign, use the ICD-9-CM coding manual. Start with the alphabetic index, then go to the tabular listing. Note exclusion criteria below headings of coding sections in the tabular listing. Then assign the appropriate code based on where you are directed in the manual (e.g., if burn then code to (10)-fire/burn; if fall then code to (06)-fall, etc).

2) If the diagnosis is (71)-other or (70)-unknown/not stated and the narrative indicates pain or ache (e.g., knee pain, swollen ankle, head ache, back pain), then the case should not be coded as an injury diagnosis unless accompanied with the word “trauma” or “injury” or “injured.” Pain or ache only without an injury diagnosis is considered a symptom consistent with assignment of ICD-9-CM V codes.

3) Traffic-related injuries are only those that occur on a public street or highway. Transport-related injuries occurring in parking lots and home driveways should not be coded as traffic-related.

4) Injuries associated with biting one’s own tongue should be coded as (08)-cut/pierce/stab for the mechanism of injury. All other external bites should be coded as (16)-dog bite or (17)-other bite/sting accordingly.

5) Sexual assault or sexual abuse should be coded as an injury diagnosis even if suspected. However, if the narrative states “well child” or “no injury,” then code as not an injury diagnosis.

6) For external injuries caused by chemicals, including chemical injuries to the eye, the injury mechanism should be coded as (10)-fire/burn. For internal injuries caused by chemicals, the mechanism of injury should be coded as (11)-poisoning; e.g., pepper spray or mace ingested or absorbed (added 10/19/01).

7) Pressure-related injuries (e.g., scuba diving bends) should be coded for mechanism of injury as (88)-other specified.

8) Diaper rash or dermatitis should be coded as not an injury diagnosis and code mechanism of injury as (88)-other specified.

9) Tendonitis and bursitis should be coded for mechanism of injury as (99)-unknown/unspec. unless associated with an acute event. Code these as not an injury diagnosis. Carpel tunnel syndrome should be coded as an injury diagnosis and coded for mechanism of injury as (88)-other specified.
10) The hierarchy for assigning reason for assault is: sexual assault, drug-relatedness, robbery/illegal acquisition, gang-relatedness, and altercation.

11) For cases being treated for alcohol-related conditions: If the diagnosis is (68)-poisoning and the narrative states “acute alcohol poisoning, acute alcohol intoxication, or severe alcohol intoxication” or indicates the patient was intoxicated on ETOH and was nonresponsive, passed out, comatose, unconscious, or experienced tremors or a seizure, then code mechanism of intent as (11)-poisoning. If the diagnosis is (68) poisoning and the narrative states “alcohol intoxication” without an indication of acute alcohol intoxication, then code mechanism of intent as (88) other specified. If the diagnosis is (71)-other and the narrative indicates “alcohol intoxication or alcohol abuse,” then code “Was Diagnosis an Injury” as (2)-no and code mechanism of injury as (88)-other specified.

12) For a fall that results in a twisted ankle, code as the precipitating cause as (06)-fall and leave the direct cause as ‘blank.’ Do not code the direct cause as (09)-overexertion.

13) For all tractor-related injuries, code the precipitating mechanism of injury as (14)-machinery.

14) For parachute-related injuries code the mechanism of injury as (05)-other transport.

15) Nursemaid’s elbow should be coded as an injury diagnosis, but the precipitating cause may vary. Do not assume that these are from overexertion. If uncertain about the mechanism of injury, code as (99) unknown/unspecified.

16) For a person injured while riding in the back of a pick-up truck that is not enclosed, code the mechanism of injury should be (01) MV-Occupant with Occupant Status coded as (08)-other specified. If riding in the back of a pick-up that is enclosed, then code the case as (01) MV-Occupant with the Occupant Status coded as (02) passenger.

17) For a person injured inside of a motor vehicle but the injury was not related to the motor vehicle (i.e., cat scratch in car), do not code as a transport-related injury.

18) If an injury is sports-related and the diagnosis is (53) contusion/abrasion, then code mechanism of injury as (07)-struck by/against

Other Decision Rules (Implemented 03/14/2001)

19) For cases stating “suicide ideation” in the narrative, use the following rules:

   If the narrative provides evidence for an act of intentional self-harm resulting in an injury, code intent as (2) Self; otherwise, if the narrative is not clear on cause and effect, then rely on the code assigned by the hospital coder.

20) For alcohol-related cases, if BAC (blood alcohol concentration) is provided in the narrative and is ≥ .200, code as (11) Poisoning.
21) For alcohol-related cases, use the following rules:

If the diagnosis is “poisoning” and the narrative describes use of ETOH and drugs in combination with evidence of toxic effects (added 04/01/2006), code precipitating cause as (11) Poisoning.

If the diagnosis is “poisoning” and the narrative also states “poisoning,” code precipitating cause as (11) Poisoning.

If the diagnosis is “other” and the narrative states use of ETOH and drugs in combination, code precipitating cause as (88) Other specified.

22) For poisonings associated with drug overdoses or excessive ingestion of drugs, use the following rules:

For drug-related incidence where the diagnosis was 68-poisoning, if the narrative states “toxicity,” “toxic effects,” or “drug intoxication” then code precipitating cause as (11) poisoning, irrespective of whether the patient was given (or had taken) the correct therapeutic dose of the drug or not. (Rule added 08/01/2003 and amended to add drug intoxication on 09/30/2003).

If the diagnosis is “68-poisoning” and the patient is a child aged < 6 years, and the narrative indicates an acute excessive overdose or any acute ingestion of a drug or drugs over the recommended daily dose, then code precipitating cause as (11) Poisoning.

If the diagnosis is “68-poisoning” and the narrative indicates an acute excessive overdose, or an acute moderately excessive ingestion of a drug or drugs (e.g., 3 or more times the recommended daily dosage of an over-the-counter drug) with toxic effects (e.g., seizures, tremors, unconsciousness, nausea, dizziness, weakness, vomiting, rash all over body), then code precipitating cause as (11) Poisoning.

If the diagnosis is “68-poisoning” and the narrative only indicates an acute moderately excessive ingestion (e.g., 3 or more times the recommended daily dosage of an over-the-counter drug) of a drug or drugs without toxic effects noted, then code precipitating cause as (88) Other specified.

If the diagnosis is “68-poisoning” and the narrative states polysubstance abuse (i.e., abusing drugs with or without alcohol) with no indication of acute poisoning or toxic effects and the patient is seeking help for detoxification, this should be considered chronic drug abuse; code precipitating cause as (88)-Other specified (Rule added 02/04/2005).

If the diagnosis is “71-other” and the narrative indicates an acute excessive overdose, or an acute moderately excessive ingestion (e.g., 3 or more times the recommended daily dosage of an over-the-counter drug) of a drug or drugs with toxic effects (e.g., seizures, tremors, unconsciousness, nausea, dizziness, weakness, vomiting, rash all over body), then code
injury diagnosis as “(1) Yes” and precipitating cause as (11) Poisoning.

Otherwise, if the diagnosis is “71-Other” and the narrative indicates an acute moderately excessive ingestion of a drug or drugs without toxic effects noted, then code injury diagnosis as “(2) No” and precipitating cause as (88) Other specified. (Omitted-10/17/05 because the 71-Other diagnosis code is not longer used to code drug ingestions. Drug ingestions are coded as 68-poisoning only.)

23) For injuries associated with human teeth, use the following rules:

If the narrative describes an act of biting resulting in a laceration injury, then code precipitating cause as (17) Other bite/sting.

If the narrative describes coming into contact with another person’s teeth without an act of biting and the diagnosis was a laceration, then code precipitating cause as (08) Cut/pierce.

If the narrative describes coming into contact with another person’s teeth without an act of biting and the diagnosis was contusion or abrasion, then code precipitating cause as (07) Struck by/against.

24) For injuries regarding sharp-edged appliances or powered tools, use the following rules:

For injuries occurring at home where the diagnosis is a laceration from a meat slicer or other sharp-edged household appliance/tool, then code precipitating cause as (08) Cut/pierce.

For injuries occurring at work where the diagnosis is a laceration from a meat slicer or chopper or other commercial-grade machine/tool, code precipitating cause as (14) Machinery and immediate cause as (08) Cut/pierce.

25) For the victim-perpetrator relationship, use the following rules:

If a patient is injured in an assault-related incident by a person that the patient can identify (e.g., a fellow prison inmate, fellow church member, fellow schoolmate, school teacher, etc.) but in not specified in the narrative as a spouse/partner, caregiver, or family member, then code victim-perpetrator relationship as (05) Friend/acquaintance.

If the patient injured (himself/herself) during an assault-related incident (e.g., patient injured hand during altercation from hitting other persons face with fist), then code victim-perpetrator relationship as (88) Other specified person.

If the patient is injured by another person during an assault-related incident and the narrative indicates that the patient was injured by an “unknown person,” assume this means the perpetrator was unknown to the patient and code victim-perpetrator relationship as (08) Stranger.

Otherwise, if the patient is injured by another person during an assault-related incident and
the narrative does not clearly specify the offender’s relationship to the victim, then code victim-perpetrator relationship as (99) Unknown/unspecified.

26) If the diagnosis is foreign body and the narrative states “foreign body in ear,” then assume the foreign body was in the ear canal and code the precipitating cause as (15) Foreign body. Otherwise, if the narrative states “foreign body embedded in the ear” or “foreign body in the ear lobe,” then code precipitating cause as (08) Cut/pierce.

27) If the narrative states that the patient swallowed an object (e.g., quarter, chicken bone, toothpick) without blocking the airway or difficulty breathing, then code precipitating cause as (15) Foreign body. Otherwise, if the narrative states the patient swallowed an object with choking (or other symptom of a blocked airway), the code precipitating injury as (12) Inhalation/suffocation.

28) (Rule added 04/26/2002) For cases involving glue in the eye, the coding of mechanism should, for the most part, be dependent on the NEISS diagnosis. In the ED setting, diagnosis may be dependent on whether the glue was in liquid or solid form. In liquid form, there may be more of a tendency for the glue to burn the delicate mucosal tissues of the eye. In a dry form, the glue may act more mechanically causing abrasions and also acting as a foreign body. Therefore, use the following rules when coding glue in the eye:

a. If the diagnosis is (56) foreign body and the narrative specifically mentions “foreign body,” then code the mechanism as (15) foreign body.

b. If the diagnosis is (49) chemical burn or (53) contusion/abrasion or (74) dermatitis/conjunctivitis, and the narrative mentions “burn” or “chemical burn” or “chemical conjunctivitis,” then code the mechanism as (10) fire/burn.

c. If the diagnosis is (53) contusion/abrasion and the narrative states the glue “struck the eye,” or “got into eye” and there is no mention of foreign body or burn of any type, then code mechanism as (07) struck by/against.

d. If the diagnosis is (71) other, assign code the mechanism as (88) other specified, unless the narrative provides more specific information about the injury diagnosis, such as foreign body, contusion, burn. In the latter case, use one of the other three coding rules appropriately.

29) For cases involving treatment of infection, abscess, or cellulitis using the following coding guidelines:

a) if the case has a clear mechanism of injury (e.g., cut with knife, thorn in finger, wood sliver in foot) recorded in the narrative and treatment is within a few days of the injury incident, code the stated mechanism of injury. For example, patient got a wood sliver in finger and was treated two days later for an abscess then code the mechanism as (08)-cut/pierce,

b) if the case was the result of injecting illicit drugs (e.g. heroin, cocaine) then code the mechanism as (88)-other specified,

c) if the case was the result of an injury but the mechanism of injury was not clearly
stated in the narrative then code the mechanism as (88)-other specified, or

d) if the case is a result of diaper rash, dermatitis, or illness then code the case as not an injury and the mechanism as (88)-other specified. (Rule added 10/18/2005)