2002 Commodity Flow Survey

COMMODITY CODES
INTRODUCTION

This listing provides the 5-digit Standard Classification of Transported Goods (SCTG) commodity codes that you will use to complete column ‘(f)’ of the shipment characteristics, Item F.

For single shipments of more than one commodity, use the 5-digit code representing the largest commodity by weight.

It is important that you use the 5-digit SCTG codes in this listing to classify your commodities. This enables the Census Bureau to uniformly aggregate and present the data produced from the CFS.

How to Use This Listing

This listing presents the SCTG codes in numerical sequence. Following is an index to help you find the appropriate 5-digit SCTG code.

Find the major group description (in bold type) that best describes the shipment and turn to the indicated page. Note: subgroups are included below the major groups as a guide for locating the correct major group.

The abbreviation "n.e.c." stands for "not elsewhere classified." As an example, the code 01009, "Live animals n.e.c." includes all live animals that have not been specifically classified elsewhere in the listing.

To assist in finding the correct 5-digit SCTG code, exceptions or inclusions are noted using italics, in parentheses. The numbers in the list of exclusions refer to the first 3, 4, or 5 digits of the correct SCTG code. For example: (except electrical equipment 359xx). Under SCTG code 359xx the correct 5-digit code may be 35911 (Primary cells and batteries), or 35912 (Secondary cells and storage batteries, etc.).

The term "including" is often followed by examples of products in that particular product definition. These lists are not all inclusive.

Machinery Parts: In general, machinery parts are included in the same SCTG code as the machinery for which they are parts. For example, product code 36351 includes motorcycles, and mopeds, and their parts. Exceptions to this rule are noted where they occur, for example: SCTG 37210, Aircraft, except parts.
## Index for Finding SCTG Codes

<table>
<thead>
<tr>
<th>Category</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Live Animals and Fish</td>
<td>1</td>
</tr>
<tr>
<td>Cereal Grains <em>(including seed)</em></td>
<td>1</td>
</tr>
<tr>
<td>Other Agricultural Products Except for Animal Feed</td>
<td>1</td>
</tr>
<tr>
<td>• Vegetables, fresh, chilled, or dried</td>
<td></td>
</tr>
<tr>
<td>• Fruit and nuts, fresh, chilled, or dried</td>
<td></td>
</tr>
<tr>
<td>• Other agricultural products</td>
<td></td>
</tr>
<tr>
<td>Animal Feed and Products of Animal Origin, N.E.C.</td>
<td>1</td>
</tr>
<tr>
<td>Meat, Fish, and Seafood and Their Preparations</td>
<td>2</td>
</tr>
<tr>
<td>Milled Grain Products and Preparations, and Bakery Products</td>
<td>2</td>
</tr>
<tr>
<td>• Milled grain products</td>
<td></td>
</tr>
<tr>
<td>• Bakery products and preparations of cereals, flour, starch or milk</td>
<td></td>
</tr>
<tr>
<td>Other Prepared Food Stuffs, and Fats and Oils</td>
<td>2</td>
</tr>
<tr>
<td>• Dairy Products <em>(except, beverages and preparations)</em></td>
<td></td>
</tr>
<tr>
<td>• Processed or prepared vegetables, fruit, or nuts, n.e.c. and juices</td>
<td></td>
</tr>
<tr>
<td>• Coffee, tea, and spices</td>
<td></td>
</tr>
<tr>
<td>• Animal or vegetable fats and oils and their cleavage products, prepared edible fats, animal or vegetable waxes, and flours and meals of oil seeds</td>
<td></td>
</tr>
<tr>
<td>• Sugars, confectionery, and cocoa and cocoa preparations</td>
<td></td>
</tr>
<tr>
<td>• Edible preparations, n.e.c.</td>
<td></td>
</tr>
<tr>
<td>• Non-alcoholic beverages and ice</td>
<td></td>
</tr>
<tr>
<td>Alcoholic Beverages and Tobacco Products</td>
<td>3</td>
</tr>
<tr>
<td>Stone and Sands, <em>Except Metal Bearing Sands</em></td>
<td>3</td>
</tr>
<tr>
<td>Non-Metallic Minerals, N.E.C.</td>
<td>3 &amp; 4</td>
</tr>
<tr>
<td>Metallic Ores and Concentrates</td>
<td>4</td>
</tr>
<tr>
<td>Coal</td>
<td>4</td>
</tr>
<tr>
<td>Crude Petroleum, Gasoline, Fuel Oils, and Aviation Turbine Fuel</td>
<td>4</td>
</tr>
<tr>
<td>Coal and Petroleum Products, N.E.C.</td>
<td>4</td>
</tr>
<tr>
<td>Basic Chemicals</td>
<td>4 &amp; 5</td>
</tr>
<tr>
<td>• Inorganic chemicals</td>
<td></td>
</tr>
<tr>
<td>• Organic chemicals</td>
<td></td>
</tr>
<tr>
<td>Pharmaceutical Products</td>
<td>5</td>
</tr>
<tr>
<td>Fertilizers</td>
<td>5</td>
</tr>
<tr>
<td>Chemicals Products and Preparations, N.E.C.</td>
<td>5 &amp; 6</td>
</tr>
<tr>
<td>Plastics and Rubber</td>
<td>6</td>
</tr>
<tr>
<td>• Plastics and rubber in primary forms</td>
<td></td>
</tr>
<tr>
<td>• Articles of plastics</td>
<td></td>
</tr>
<tr>
<td>• Articles of rubber</td>
<td></td>
</tr>
<tr>
<td>Logs and Other Wood in the Rough</td>
<td>6</td>
</tr>
<tr>
<td>Wood Products</td>
<td>6</td>
</tr>
<tr>
<td>Pulp, Newsprint, Paper, and Paperboard</td>
<td>6</td>
</tr>
<tr>
<td>• Pulp of fibrous cellulosic materials</td>
<td></td>
</tr>
<tr>
<td>• Paper and paperboard, in large rolls or sheets</td>
<td></td>
</tr>
<tr>
<td>Paper or Paperboard Articles</td>
<td>6 &amp; 7</td>
</tr>
<tr>
<td>Printed Products</td>
<td>7</td>
</tr>
<tr>
<td>Textiles, Leather, and Articles of Textiles or Leather</td>
<td>7</td>
</tr>
<tr>
<td>• Textiles and articles of textiles</td>
<td></td>
</tr>
<tr>
<td>• Leather and articles of leather</td>
<td></td>
</tr>
<tr>
<td>Non-Metallic Mineral Products</td>
<td>7 &amp; 8</td>
</tr>
<tr>
<td>• Hydraulic cements</td>
<td></td>
</tr>
<tr>
<td>• Ceramic products</td>
<td></td>
</tr>
<tr>
<td>• Glass and glass products</td>
<td></td>
</tr>
<tr>
<td>• Other non-metallic mineral products</td>
<td></td>
</tr>
<tr>
<td>Base Metal in Primary or Semi-Finished Forms and in Finished Basic Shapes</td>
<td>8</td>
</tr>
<tr>
<td>Articles of Base Metal</td>
<td>8</td>
</tr>
<tr>
<td>• Pipes, tubes, and fittings</td>
<td></td>
</tr>
<tr>
<td>• Structures and structural parts</td>
<td></td>
</tr>
<tr>
<td>• Hand tools, cutlery, interchangeable tools for hand or machine-tools, hardware, and industrial fasteners (excludes precious metal, see 40942)</td>
<td></td>
</tr>
<tr>
<td>• Other articles of base metal <em>(excludes articles of precious metal, see 40942)</em></td>
<td></td>
</tr>
<tr>
<td>Machinery</td>
<td>8 &amp; 9</td>
</tr>
<tr>
<td>• Turbines, boiler, internal combustion engines, and non-electric motors and engines</td>
<td></td>
</tr>
<tr>
<td>• Other mechanical machinery</td>
<td></td>
</tr>
<tr>
<td>Electronic and Other Electrical Equipment and Components, and Office Equipment</td>
<td>9 &amp; 10</td>
</tr>
<tr>
<td>Motorized and Other Vehicles <em>(including parts)</em></td>
<td>9 &amp; 10</td>
</tr>
<tr>
<td>• Vehicles</td>
<td>10 &amp; 11</td>
</tr>
<tr>
<td>• Motor vehicle parts</td>
<td></td>
</tr>
<tr>
<td>Transportation Equipment, N.E.C.</td>
<td>11</td>
</tr>
<tr>
<td>• Railway equipment</td>
<td></td>
</tr>
<tr>
<td>• Aircraft and spacecraft</td>
<td></td>
</tr>
<tr>
<td>• Ships, boats, and floating structures</td>
<td></td>
</tr>
<tr>
<td>Precision Instruments and Apparatus</td>
<td>11 &amp; 12</td>
</tr>
<tr>
<td>Furniture, Mattresses and Mattress Supports, Lamps, Lighting Fittings, and Illuminated Signs</td>
<td>12</td>
</tr>
<tr>
<td>Miscellaneous Manufactured Products</td>
<td>12</td>
</tr>
<tr>
<td>Waste and Scrap <em>(except of agriculture or food, see 041XX)</em></td>
<td>12</td>
</tr>
<tr>
<td>Mixed Freight</td>
<td>12</td>
</tr>
</tbody>
</table>
### Live Animals and Fish

- Live bovine animals .................................. 01001
- Live swine ........................................... 01002
- Live poultry ......................................... 01003
- Live fish, including live eels ...................... 01004
- Live animals, n.e.c. (except live shellfish, crustaceans such as crabs and lobsters, squid, octopus, and other aquatic invertebrates, see 05204) .................................................. 01009

### Cereal Grains (including seed)

- Wheat .................................................. 02100
- Corn (except sweet, see 03219) ...................... 02200
- Rye ................................................... 02901
- Barley .................................................. 02902
- Oats .................................................... 02903
- Grain sorghum ....................................... 02904
- Cereal grains, n.e.c., including rice (excludes soy beans, see 03400, and other oil seeds, see 0350x) ............................................................... 02909

### Other Agricultural Products Except for Animal Feed

#### Vegetables, fresh, chilled, or dried

- Potatoes, fresh or chilled (except sweet potatoes, see 03219) ........................................ 03100
- Tomatoes, fresh or chilled .......................... 03211
- Onions, shallots, garlic, leeks, and onion sets, fresh or chilled ........................................ 03212
- Lettuce, fresh or chilled .............................. 03213
- Leguminous vegetables, fresh or chilled ........ 03214
- Fresh or chilled vegetables, n.e.c. ................. 03219

- Leguminous vegetables, dried (includes those for use as seed, but excludes milled vegetables, see 06299) .................................................. 03221
- Dried vegetables, n.e.c. (includes those for use as seed, but excludes milled vegetables, see 06299) .................................................. 03229

#### Fruit and nuts, fresh, chilled, or dried

- Oranges, fresh or chilled ............................ 03311
- Grapefruit, fresh or chilled .......................... 03312
- Citrus fruit n.e.c., fresh or chilled .................. 03319
- Bananas and plantains, fresh or chilled .......... 03321
- Grapes, fresh or chilled ............................. 03322
- Melons, fresh or chilled ............................. 03323
- Apples, fresh or chilled .............................. 03324
- Fresh or chilled fruit, n.e.c. (excludes olives, see 03219) .................................................. 03329

- Dried grapes (includes raisins and "currants") .................................................. 03331
- Dried fruit, n.e.c. (includes mixtures of dried fruit) .................................................. 03339

### Nuts in the shell
(not including peanuts, see 03501) ................................. 03341
Shelled nuts not further processed
(not including peanuts, see 03501) .................................... 03342

### Other agricultural products

- Soy beans ............................................ 03400
- Peanuts, unroasted .................................. 03501
- Linseed (flaxseed) .................................... 03502
- Colza (rape) or canola seeds ....................... 03503
- Sunflower seeds ..................................... 03504
- Cotton seeds ......................................... 03505
- Mustard seeds ........................................ 03506
- Oil seeds and nuts, n.e.c. ......................... 03509
- Bulbs and roots and similar products, live trees and other plants, and mushroom spawn ................. 03601
- Seeds for sowing n.e.c. ............................. 03602
- Fresh-cut flowers .................................... 03910
- Tobacco, not stemmed or stripped ................. 03921
- Stemmed and partially stemmed tobacco .......... 03922
- Raw cotton (not carded or combed) ............... 03930
- Unprocessed coffee and unfermented tea ........ 03991
- Sugar beet and sugar cane .......................... 03992

Agricultural products, n.e.c., including cotton linters, seaweed, and forestry products (except forage products and cereal straw, see 04110, raw spices, see 07303, natural rubber and gums, see 24102, and plants processed for ornamentation, see 40999) ................. 03999

### Animal Feed and Products of Animal Origin, N.E.C.

- Cereal straw or husks and forage products ........ 04110
- Inedible flours, meals, and pellets of meat, fish, or seafood, and greaves ......................... 04120
- Bran, sharps, and other residues of cereals or leguminous plants ............................... 04130
- Oil cake and other solid residues from the manufacture of vegetable fats or oils ............ 04140
- Eggs in the shell ...................................... 04191
- Raw hides and skins (including furskins) ........ 04192
- Shorn or pulled greasy wool, animal hair not carded or combed, silk-worm cocoons suitable for reeling, and raw silk ..................... 04193
- Residues and waste from the food industries used in animal feeding, and products of animal origin n.e.c. ................................. 04199
- Dog or cat food put up for retail sale .............. 04210
- Animal feed preparations, n.e.c., including premixes and supplements ......................... 04290
Meat, Fish, and Seafood, and their Preparations

Meat except poultry, fresh or chilled ........................................ 05111
Meat except poultry, frozen ..................................................... 05112
Poultry, fresh or chilled ......................................................... 05121
Poultry, frozen ........................................................................... 05122
Meat, salted, in brine, dried, or smoked; and pig or poultry fat, not rendered ......................................................... 05130
Fresh or chilled fish .................................................................... 05201
Frozen fish .................................................................................. 05202
Fish, salted, in brine, dried, or smoked, and edible fish meal .................................................................................. 05203
Aquatic invertebrates, live, fresh, chilled, frozen, salted, in brine, or dried, and crustaceans in shell cooked by steaming or by boiling in water .............................................................. 05204
Preparations, extracts, and juices of meat including poultry (except soups and broths, see 07720) .......................... 05310
Preparations, extracts, and juices of fish or seafood (aquatic invertebrates) (except soups and broths, see 07720) ............... 05320

Milled Grain Products and Preparations, and Bakery Products

Milled grain products
Wheat flour, groats, and meal (except byproducts, see 04130) .......................................................... 06100
Malt ......................................................................................... 06210
Milled rice ................................................................................ 06291
Corn flour, groats, and meal ..................................................... 06292
Starches and modified starches .................................................. 06293
Inulin; wheat gluten; milled cereals and vegetables, n.e.c.; and grains otherwise worked, n.e.c. (except milling byproducts, see 04130) ................................................. 06299

Bakery products and preparations of cereals, flour, starch or milk
Pasta (including stuffed, canned, frozen, or dried) and couscous ..................................................................... 06310
Breakfast cereal foods, swelled or roasted ................................... 06320
Mixes and doughs for preparing bakery products, including batters ............................................................... 06391
Rice preparations, instant rice, and partially cooked rice .................................................................................. 06392
Food preparations of cereals, flour, starch, or milk, n.e.c., including tapioca, malt extract, ice cream and milk shake mixes, puddings, and infant formula ........................................... 06399
Baked snack foods (excludes cookies and crackers, see 06432) ............................................................... 06410
Frozen baked products, including quiche, pizza, and waffles ........................................................................ 06420
Perishable baked products (including fresh bread, pastries, pies, pizza, and quiche) ........................................... 06431
Dry baked products (including cookies, crackers, and taco shells) ............................................................. 06432

Other Prepared Foodstuffs, and Fats and Oils

Dairy products (except beverages and preparations)
Milk and cream, unconcentrated and unsweetened ................................................................. 07111
Milk and cream, in powder, granules, or other solid forms ................................................................. 07112
Milk and cream, n.e.c. ................................................................ 07119
Cheese and curds ...................................................................... 07120
Ice cream, ice milk, sherbets, and ices (excludes frozen yogurt, see 07199, and ice cream and ice milk mixes, see 06399) ............................................................... 07130
Butter and other fats and oils derived from milk .................................................................................. 07191
Dairy products, n.e.c. (excludes mixtures of butter and vegetable oil, see 0743x, preparations based on milk, see 06399, eggnog and flavored milk drinks, see 07899) ................. 07199

Processed or prepared vegetables, fruit, or nuts, n.e.c., and juices
Frozen vegetables and vegetable preparations (including french fries and vegetable mixtures) ............... 07210
Potato chips .............................................................................. 07221
Processed or prepared vegetables, n.e.c. (including canned and pickled vegetables and relishes, but not including: frozen or dried vegetables, see 03221, 03229, or 07210; milled vegetables, see 06299; soup mixtures, see 07720; tomato sauces, see 07711; or other sauces, see 07719) .... 07229
Jams, jellies, marmalades, fruit or nut purées, and fruit or nut pastes ......................................................... 07231
Processed or prepared nuts, peanuts, or seeds (except purées and pastes, see 07231, but including roasted nuts and peanut butter) ................................................................. 07232
Processed or prepared fruit, n.e.c., including canned fruit (except dried, see 0333x) .............................................. 07239
Frozen fruit and vegetable juices (does not include beverages based on juices, such as ades or nectars, see 078xx) ......................................................................................... 07241
Non-frozen fruit and vegetable juices (does not include beverages based on juices, such as ades or nectars, see 078xx) ......................................................................................... 07242

Coffee, tea, and spices
Processed coffee (including roasted or ground) ............................................................................. 07301
Processed (fermented) tea .............................................................................................................. 07302
Spices, including unprocessed spices ...................................................................................... 07303
Animal or vegetable fats and oils and their cleavage products, prepared edible fats, animal or vegetable waxes, and flours and meals of oil seeds

Animal fats and oils and their fractions, not chemically modified

(Does not include inedible flours, meals, and pellets, see 04120)

07410

Soy-bean oil

07421

Colza (canola) oil

07422

Corn oil

07423

Other fixed vegetable fats and oils and their fractions, n.e.c., not chemically modified

(except byproducts of wet corn milling, see 04199, and oil seed waste and residues, see 04140)

07429

Non-liquid margarine

(for liquid margarine, see 07439)

07431

Shortening

07432

Chemically modified fats and oils, animal or vegetable waxes, and prepared edible fats, n.e.c.

07439

Flours and meals of oil seeds

(except flours and meals of mustard, see 07719, and oil seed waste and residues, see 04140)

07440

Sugars confectionery, and cocoa and cocoa preparations

Raw cane or beet sugar, in solid form

07501

Refined cane or beet sugar and chemically pure sucrose, in solid form

07502

Glucose (corn sugar) and glucose syrup (corn syrup)

07503

Other sugars in solid form, molasses, and sugar syrups with no added flavoring or colorings, n.e.c., including maple sugar and syrup

(excludes byproducts of sugar extraction, see 04199. Syrups with added flavor/color are in 07793)

07509

Sugar confectionery not containing cocoa, including glace products

(except sugarless gum, see 07799)

07611

Chocolate confectionery

07612

Cocoa beans, paste, butter, and powder, and cocoa preparations

07620

Edible preparations, n.e.c.

Tomato sauces

(including ketchup and chili sauces)

07711

Sauces and sauce mixes, prepared mustard, mustard flours and meals, and mixed condiments and seasonings, n.e.c., including salad dressings

07719

Soups and broths (including mixes), and baby or dietetic foods

07720

Syrups and concentrates used in food preparations or beverages

07731

Flavoring powders, extracts, or essences

07732

Processed eggs including egg albumin

07791

Yeasts and baking powder

07792

Sugar syrups with added flavors and/or colors, including table syrups

07793

Edible preparations, n.e.c., including protein concentrates and vinegar

07799

Non-alcoholic beverages and ice

Carbonated soft drinks

07811

Other sweetened or flavored water

07819

Water, neither sweetened nor flavored

07891

Ice and non-alcoholic beverages, n.e.c.

(excludes dry ice (carbon dioxide), see 20241)

07899

Alcoholic Beverages and Tobacco Products

Beer (malt beer)

(excludes non-alcoholic beer, see 07899)

08100

Wine and other fermented beverages

(excludes non-alcoholic wine, see 07899)

08200

Denatured ethyl alcohol, and undenatured ethyl alcohol that is 80% or more alcohol by volume

08310

Spirits, liqueurs, and other spirituous beverages, and undenatured ethyl alcohol that is less than 80% alcohol by volume

08320

Cigarettes

09010

Tobacco products, n.e.c.

(except leaf tobacco, see 0392x)

09090

Stone and Sands, Except Metal Bearing Sands

Calcareous monumental or building stone

10010

Monumental or building stone, n.e.c., including slate

(excludes dolomite, see 13300)

10020

Silica sands and quartz sands for construction use

11010

Silica sands and quartz sands for industrial uses, and other sands

11020

Limestone flux

12011

Agricultural limestone

12012

Gravel and crushed or broken limestone and chalk, n.e.c.

12019

Gravel and crushed stone, n.e.c.

(except dolomite, see 13300, slate, see 13999, and limestone and chalk, see 1201x)

12020

Non-Metallic Minerals, N.E.C.

Table salt

13101

Salt, n.e.c.

13109

Natural calcium phosphates, natural aluminum calcium-phosphates, and phosphatic chalk

13200

Dolomite, including monumental, building, and crushed

13300

Sulfur, n.e.c.

(except sublimed, precipitated, or colloidal, see 20210)

13910
<table>
<thead>
<tr>
<th>Item</th>
<th>HS Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clays, n.e.c.</td>
<td>13929</td>
</tr>
<tr>
<td>Pumice stone, emery, and natural abrasives</td>
<td>13991</td>
</tr>
<tr>
<td>Gypsum and anhydrite</td>
<td>13992</td>
</tr>
<tr>
<td>Asbestos</td>
<td>13993</td>
</tr>
<tr>
<td>Leucite, nepheline, and nepheline syenite</td>
<td>13994</td>
</tr>
<tr>
<td>Non-metallic minerals, n.e.c. (except natural asphalt, bitumen, shale, tar sands, and asphalitic rock, see 19990; precious and semi-precious stones, see 40942; and mined fertilizers except calcium phosphates, see 22xxx)</td>
<td>13999</td>
</tr>
<tr>
<td><strong>Metallic Ores and Concentrates</strong></td>
<td></td>
</tr>
<tr>
<td>Iron ores and concentrates</td>
<td>14100</td>
</tr>
<tr>
<td>Copper ores and concentrates</td>
<td>14910</td>
</tr>
<tr>
<td>Nickel ores and concentrates</td>
<td>14991</td>
</tr>
<tr>
<td>Aluminum ores and concentrates, including bauxite</td>
<td>14992</td>
</tr>
<tr>
<td>Lead ores and concentrates</td>
<td>14993</td>
</tr>
<tr>
<td>Zinc ores and concentrates</td>
<td>14994</td>
</tr>
<tr>
<td>Uranium or thorium ores and concentrates</td>
<td>14995</td>
</tr>
<tr>
<td>Titanium</td>
<td>14996</td>
</tr>
<tr>
<td>Ores and concentrates, n.e.c.</td>
<td>14999</td>
</tr>
<tr>
<td><strong>Coal</strong></td>
<td></td>
</tr>
<tr>
<td>Non-agglomerated bituminous coal</td>
<td>15100</td>
</tr>
<tr>
<td>Non-agglomerated anthracite</td>
<td>15910</td>
</tr>
<tr>
<td>Non-agglomerated lignite (except jet, see 13999)</td>
<td>15920</td>
</tr>
<tr>
<td>Agglomerated coal including briquettes</td>
<td>15930</td>
</tr>
<tr>
<td><strong>Crude Petroleum, Gasoline, Fuel Oils, and Aviation Turbine Fuel</strong></td>
<td></td>
</tr>
<tr>
<td>Crude petroleum oil and oils obtained from bituminous minerals</td>
<td>16000</td>
</tr>
<tr>
<td>Gasoline including aviation</td>
<td>17100</td>
</tr>
<tr>
<td>Aviation turbine fuel (jet types A and B)</td>
<td>17200</td>
</tr>
<tr>
<td>Fuel oils including diesel and Bunker C</td>
<td>18000</td>
</tr>
<tr>
<td><strong>Coal and Petroleum Products, N.E.C.</strong></td>
<td></td>
</tr>
<tr>
<td>Lubricating oils and greases (except mixtures and preparations containing less than 70% by weight of petroleum oils or oils obtained from bituminous materials, see 23909)</td>
<td>19100</td>
</tr>
<tr>
<td>Kerosene (except type A jet fuel, see 17200)</td>
<td>19201</td>
</tr>
<tr>
<td>Refined petroleum oils and oils obtained from bituminous minerals n.e.c.</td>
<td>19209</td>
</tr>
<tr>
<td>Liquefied natural gas</td>
<td>19310</td>
</tr>
<tr>
<td>Propane, liquefied</td>
<td>19321</td>
</tr>
<tr>
<td>Butane, liquefied (excluding chemically pure, see 20501)</td>
<td>19322</td>
</tr>
<tr>
<td>Liquefied gaseous hydrocarbons, n.e.c. (excluding chemically pure, see 20501)</td>
<td>19329</td>
</tr>
<tr>
<td>Gaseous hydrocarbons in a gaseous state (excluding chemically pure, see 20501)</td>
<td>19330</td>
</tr>
<tr>
<td>Coke and semi-coke of coal, lignite, or peat, and retort carbon</td>
<td>19911</td>
</tr>
<tr>
<td>Petroleum coke, including calcined</td>
<td>19912</td>
</tr>
<tr>
<td>Petroleum asphalt</td>
<td>19920</td>
</tr>
<tr>
<td>Asphalitic mixtures based on natural asphalt, natural bitumen, petroleum asphalt, mineral tar, or mineral-tar pitch, and tarred macadam</td>
<td>19930</td>
</tr>
<tr>
<td>Other coal products and products of petroleum refining, n.e.c., and natural asphaltic minerals</td>
<td>19990</td>
</tr>
<tr>
<td><strong>Basic Chemicals</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Inorganic chemicals</strong></td>
<td></td>
</tr>
<tr>
<td>Sodium hydroxide (caustic soda)</td>
<td>20101</td>
</tr>
<tr>
<td>Potassium hydroxide (caustic potash)</td>
<td>20102</td>
</tr>
<tr>
<td>Sulfur, sublimed, precipitated, or colloidal</td>
<td>20210</td>
</tr>
<tr>
<td>Hydrogen chloride (hydrochloric acid)</td>
<td>20221</td>
</tr>
<tr>
<td>Sulfuric acid and oleum</td>
<td>20222</td>
</tr>
<tr>
<td>Inorganic acids, n.e.c. (except nitric and sulfonitric acid, see 22020 and phosphoric acid, see 22039)</td>
<td>20229</td>
</tr>
<tr>
<td>Artificial corundum</td>
<td>20231</td>
</tr>
<tr>
<td>Aluminum oxide and aluminum hydroxide (does not include artificial corundum, see 20231)</td>
<td>20232</td>
</tr>
<tr>
<td>Carbon dioxide</td>
<td>20241</td>
</tr>
<tr>
<td>Hydrogen, nitrogen, oxygen, and rare gases such as argon and helium</td>
<td>20242</td>
</tr>
<tr>
<td>Sodium sulfates</td>
<td>20251</td>
</tr>
<tr>
<td>Disodium carbonate, sodium hydrogen carbonate (sodium bicarbonate), and potassium carbonates</td>
<td>20252</td>
</tr>
<tr>
<td>Sodium or potassium compounds n.e.c.</td>
<td>20259</td>
</tr>
<tr>
<td>Titanium oxides, pigments, and preparations</td>
<td>20261</td>
</tr>
<tr>
<td>Inorganic pigments, and preparations n.e.c., and inorganic products used as luminophores</td>
<td>20262</td>
</tr>
<tr>
<td>Calcium carbide</td>
<td>20263</td>
</tr>
<tr>
<td>Silicon or tungsten carbides</td>
<td>20264</td>
</tr>
<tr>
<td>Metal compounds n.e.c.</td>
<td>20269</td>
</tr>
<tr>
<td>Chlorine</td>
<td>20291</td>
</tr>
<tr>
<td>Carbon black</td>
<td>20292</td>
</tr>
<tr>
<td>Alkali or alkaline-earth metals, rare-earth metals, scandium, yttrium, and mercury</td>
<td>20293</td>
</tr>
</tbody>
</table>
Organic chemicals

- Cyclic hydrocarbons: 20300
- Acyclic alcohols: 20410
- Phenols, phenol-alcohols, aldehydes, cyclic polymers of aldehydes, paraformaldehyde, ketones, and quinones (excludes their halogenated, sulfonated, nitrated, or nitrosated derivatives, see 20509)
- Organic acids, their anhydrides, halides, peroxides, and peroxyacids, and their halogenated, sulfonated, nitrated, or nitrosated derivatives: 20420
- Acyclic hydrocarbons (except methane and propane, see 193xx): 20501
- Halogenated derivatives of hydrocarbons: 20502
- Sulfonamides, provitamins and vitamins, hormones, glycosides or vegetable alkaloids and their derivatives, antibiotics, and chemically pure sugars n.e.c. (excludes products put up in measured doses or for retail sales, see 21000): 20503
- Organic dyes, pigments, lakes, and toners: 20504
- Organic chemicals n.e.c. (excludes all cellulose derivatives, see 24101): 20509

Pharmaceutical Products

Pharmaceutical products, including chemical mixtures for medical use, in any form; unmixed chemicals for medical use, put up in measured doses or for retail sale; biological products; bandages (including adhesive) and related products, prepared for medical use or in packages for immediate medical use; sutures; dental fillings; bone reconstruction cements; and chemical contraceptive preparations based on hormones or spermicides. (excludes unmixed chemicals not in the forms specified above, which include most of the products in 20503 but which can also fall elsewhere in 20xxx): 21000

Fertilizers

- Animal or vegetable fertilizers and fertilizers produced by mixing or chemically treating animal or vegetable products: 22010
- Nitrogenous mineral or chemical fertilizers (including nitric acid, sulfonitic acids, and ammonia): 22020
- Phosphatic slag (basic slag or Thomas slag): 22031
- Phosphatic mineral or chemical fertilizers, n.e.c. (includes superphosphates and phosphoric acid): 22039
- Potassium chloride (potash): 22041
- Potassic mineral or chemical fertilizers, n.e.c.: 22049
- Fertilizers, n.e.c., including ammonium phosphate and fertilizers that are mixed or put up for retail sale: 22090

Chemical Products and Preparations, N.E.C.

- Paints and varnishes, including lacquers and distempers, and prepared water pigments for finishing leather: 23110
- Vegetable tanning extracts or coloring matter, tannins and their derivatives, animal coloring matter, e.g. mastics including putty, powdered glass, household dyers, surface preparations, and specialty preparations for paint, glass, or similar uses (excludes inorganic pigments, see 2026x; carbon black, see 20292; and organic dyes, pigments, lakes, and toners, see 20504): 23121
- Inks: 23122
- Essential oils, resinoids, and mixtures of odoriferous substances used as raw materials: 23201
- Perfumery, cosmetic, or toilet preparations: 23202
- Soap, organic surface-active agents, cleaning preparations, polishes and creams, and scouring preparations: 23300
- Photographic or cinematographic film, plates, paper, paperboard, or textiles, and chemical preparations for photographic use: 23400
- Insecticides, rodenticides, fungicides, herbicides, anti-sprouting products, plant-growth regulators, disinfectants, and similar products (except chemicals not made up as preparations, see 20xxx): 23500
- Glues and prepared glues: 23901
- Prepared explosives, pyrotechnic products, matches, pyrophoric alloys, and combustible preparations, n.e.c. (except cellulosic explosives not in prepared forms, see 24101, and other explosives not in prepared forms, see 20xxx): 23902
- Activated carbon, activated natural mineral products, and animal black: 23903
- Anti-knock preparations, oxidation or gum inhibitors, viscosity improvers, anti-corrosive preparations, and other prepared additives for mineral oils such as gasoline; hydraulic brake and transmission fluids containing none or less than 70% by weight of petroleum or bituminous oils; anti-freezing preparations; and prepared de-icing fluids: 23904
- Industrial monocarboxylic fatty acids and acid oils from refining: 23905
- Water-treatment preparations (includes anti-scaling compounds, flocculating agents, and water-softening compounds): 23906
Plastics and Rubber

Plastics and rubber in primary forms

- Plastics in primary forms; other cellulose derivatives ........................................ 24101
- Natural rubber and similar natural gums, reclaimed rubber, and synthetic rubber and factice, in primary forms or in plates, sheets, or strip .... 24102

Articles of plastics

- Man-made fiber filament tow or staple fibers, not carded or combed ................. 24211
- Monofilaments of plastics of which any cross-sectional dimension exceeds 1 mm; rods; sticks; and profile shapes ............................................. 24212
- Plastics plates, sheets, film, foil, tape, strip, and other flat shapes, including combinations with other materials .... 24213
- Plastics tubes, pipes, hoses, and fittings .......................................................... 24221
- Plastics floor, wall, or ceiling coverings ....................................................... 24222
- Plastics bathtubs, shower-stalls, wash-basins, toilet bowls and tanks, toilet seats and covers, and similar sanitary ware .............. 24223
- Plastics closures and articles for conveying or packing goods ...................... 24224
- Plastics household or toilet articles ............................................................. 24225
- Plastics articles, n.e.c., including builders’ ware, hardware, fasteners, and apparel .......................................................... 24229

Articles of rubber

- Tires, inner tubes, mud or tire flaps, and “camelback” strips for retreading, of vulcanized rubber (except tread rubber, see 24102) .......... 24310
- Tubes, pipes, and hoses, of vulcanized rubber (except hard rubber, see 24399) ......................... 24391

Wood Products

- Logs for pulping (pulpwood) .................................................................. 25010
- Logs for lumber ..................................................................................... 25020
- Fuel wood ......................................................................................... 25091
- Wood in the rough, treated with paint, stains, creosote, or other preservatives .................. 25092
- Other untreated wood in the rough .................................................... 25093

Logs and Other Wood in the Rough

- Wood continuously shaped along any of its edges or faces ....................... 26221
- Shingles and shakes ........................................................................... 26222
- Veneer and shakes ............................................................................. 26310
- Particle board, fiberboard, and similar board of wood or other ligneous materials ................. 26320
- Plywood, veneered panels, and similar laminated wood including doorskins .................. 26330
- Windows, doors, and frames and thresholds ........................................... 26401
- Builders’ joinery and carpentry of wood, n.e.c. (except shingles and shakes, see 26222) .. 26409
- Wood packing containers, cable drums, pallets and skids, and cooper’s products ................. 26901
- Wood products, n.e.c., including wood charcoal, densified wood, and coffins ...................... 26909

Pulp, Newsprint, Paper, and Paperboard

Pulp of fibrous cellulosic materials

- Mechanical wood pulp ........................................................................ 27110
- Non-dissolving grades of soda or sulfate chemical wood pulp .................. 27120
- Dissolving grades of chemical wood pulp ............................................ 27191
- Pulp of fibrous cellulosic materials, n.e.c. ............................................. 27199

Paper and paperboard, in large rolls or sheets

- Newsprint in large rolls or sheets .......................................................... 27200
- Uncoated paper for writing, printing, or other graphic purposes, in large rolls or sheets ........ 27311
- Toilet or facial tissue stock, towel or napkin stock, and similar paper stock used for household or sanitary purposes, in large rolls or sheets .... 27312
- Uncoated paper in large rolls or sheets, n.e.c. ........................................ 27319
- Uncoated paperboard in large rolls or sheets ........................................ 27320
- Paper, coated, impregnated, treated, or worked, in large rolls or sheets .................. 27410
- Paperboard, coated, impregnated, treated, or worked, in large rolls or sheets .................. 27420
- Other packing containers of paper, paperboard, cellulose wadding, or webs of cellulose fibers, n.e.c. ........................................ 28029

Chemical products and preparations n.e.c., including turpentine and other chemical products of wood distillation or the manufacture of wood pulp, gelatin, enzymes, artificial waxes and prepared waxes, dental preparations except fillings, and lubricating preparations containing less than 70% petroleum ......................................................... 23909
Printed Products

Printed books, brochures, leaflets, and similar printed products (except advertising materials including catalogs, see 29300; atlases and music books, see 29999) .................................................. 29100
Newspapers ........................................................................ 29210
Journals and periodicals .......................................................... 29220
Advertising material, commercial or trade catalogs, and similar printed products, including flyers ........................................... 29300
Printed or illustrated postcards, messages, or announcements, and printed cards bearing personal greetings ................................... 29910
Manifold business-forms and interleaved carbon-sets ...................... 29991
Printed products, n.e.c., including blankbooks, binders, and albums ......................................................................... 29999

Textiles, Leather, and Articles of Textiles or Leather

Textiles and articles of textiles
Textile fibers, processed but not spun or made into yarn (does not include raw cotton, see 03930; other raw vegetable fibers, see 03999; and raw animal fibers such as greasy wool, see 04193) .................................................. 30110
Yarns and thread (except specialty yarns such as metallized or gimped, see 30399) .................................................. 30120
Broadwoven fabrics (except of metallized yarn, see 30399) ............... 30130
Knitted or crocheted fabrics ...................................................... 30140
Textile clothing and accessories, clothing made of artificial fur, and headgear (excludes clothing and accessories of plastics, see 24229; of rubber, see 24399; of leather or fur, see 30503; of asbestos, see 31994; of paper, see 28010, except safety headgear, see 40999) .................................................. 30200
Narrow-woven fabrics and related products .................................. 30310
Tufted carpets and other textile floor coverings .............................. 30321
Carpets and other textile floor coverings, n.e.c. .............................. 30329
Textile household furnishings, including bed linens, table linens, toilet linens, curtains, quilts, comforters, pillows, and cushions (excludes household furnishings of plastics, see 24225; of paper, see 28010; and of other non-textile materials) .................................................. 30330
Nonwoven and felt fabrics ....................................................... 30391
Impregnated, coated, covered, or laminated textile fabrics, including rubberized .................................................. 30392
Textiles and textile articles, n.e.c. (except garnetted fibers, not further processed, see 41299) .................................................. 30399

Leather and articles of leather
Footwear .............................................................................. 30400
Leather and tanned or dressed furskins ........................................ 30501
Luggage, cases, and containers of leather or allied materials .......... 30502
Articles of leather, gut, or furskins, n.e.c., including apparel and clothing accessories (except leather sport gloves, see 40220) .................................................. 30503

Non-Metallic Mineral Products

Hydraulic cements
Hydraulic cements ................................................................ 31100
Ceramic products
Refractory ceramic products, including mortars and mixes ............. 31210
Ceramic pipes, conduits, guttering, and pipe fittings; ceramic flagstones; and ceramic paving, hearth, wall, or mosaic tiles .................................................. 31221
Other ceramic construction products ......................................... 31229
China, porcelain, or other ceramic household or personal articles .... 31230
Ceramic sanitary fixtures ....................................................... 31291
Ceramic products, n.e.c. ........................................................... 31299

Glass and glass products
Glass in sheets or profiles (includes worked glass and float, cast, rolled, drawn, or blown glass) .................................................. 31310
Glass containers for transporting or packing goods ...................... 31320
Safety glass, comprising toughened (tempered) or laminated glass .................................................. 31391
Glassware used for table, kitchen, toilet, office, indoor decoration, or similar purposes .................................................. 31392
Glass slivers, rovings, yarns, and chopped strands ......................... 31393
Glass and glass products, n.e.c., including optical fibers, woven fabric, and articles (except non-woven products of glass fibers and other mineral wool, see 31993; excludes communications and similar insulated optical cable, see 35994) .................................................. 31399

Other non-metallic mineral products
Worked monumental or building granite and articles .................... 31911
Worked monumental or building stone and articles, n.e.c. .............. 31919
Asphalt shingles .................................................................... 31921
Articles of asphalt or of similar material, n.e.c. (excluding asphalthic mixtures, see 19930) .................................................. 31929
Prefabricated structural components of concrete
Articles of cement, concrete, artificial stone, n.e.c.
Quicklime, slaked lime, and hydraulic lime
Exfoliated vermiculite, expanded clays, foamed slag, and similar expanded mineral materials
Slag rock and similar mineral wools, and thin sheets, webs, mattresses, boards, and similar nonwoven products of glass-fibers
Articles of asbestos-cement, cellulose fiber-cement, or of similar materials, fabricated asbestos fibers, mixtures with a basis of asbestos or with a basis of asbestos and magnesium carbonate and articles of such mixtures or of asbestos
Non-metallic mineral products, n.e.c.

Base Metal in Primary or Semi-Finished Forms and in Finished Basic Shapes

Ferro-alloys ................................................. 32101
Iron and steel in primary forms and semi-finished forms, powders, and granules ................................................. 32102
Flat-rolled products of iron or steel, including plate, sheet, foil, and strip ................................................. 32200
Bars, rods, angles, shapes, sections, and wire, of iron or steel ................................................. 32300
Copper in unwrought forms, powders or flakes, and additive alloys ................................................. 32411
Copper bars, rods, profiles, wire, plates, sheets, strip, and foil (including backed foil) ................................................. 32412
Unwrought forms of aluminum, and powders and flakes ................................................. 32421
Aluminum bars, rods, profiles, and wire ................................................. 32422
Aluminum plates, sheets, strip, and foil (including backed foil) ................................................. 32423
Lead in unwrought forms, in finished basic shapes, or in powders or granules ................................................. 32491
Nonferrous metal n.e.c. in unwrought forms, in finished basic shapes, or in powders or granules, including foil and backed foil (excludes precious metals, see 40941) ................................................. 32499

Articles of Base Metal

 Pipes, tubes, and fittings
Pipes and tubes of iron and steel ................................................. 33111
Pipes and tubes of base metals except iron and steel ................................................. 33112
Pipes and tube fittings of iron or steel ................................................. 33121
Pipes and tube fittings of base metals except iron and steel ................................................. 33122

Structures and structural parts
Metal doors and windows and their frames ................................................. 33201
Metal structures and structural parts, n.e.c. (except prefabricated buildings, see 40920) ................................................. 33209

Hand tools, cutlery, interchangeable tools for hand- or machine-tools, hardware, and industrial fasteners (excludes precious metal, see 40942)
Nails, screws, bolts, nuts, washers, staples except in strips, and similar fastening articles ................................................. 33310
Hand tools, small mechanical appliances for food preparation, and blades for saws ................................................. 33321
Cutlery, including cutlery plated with precious metal (excludes cutlery of precious metal, and cutlery clad with precious metal, see 40942) ................................................. 33322
Interchangeable tools for hand- or machine-tools, including for construction and mining tools ................................................. 33330
Locks, mountings and fittings, racks and similar fixtures, and automatic door closers, of base metal ................................................. 33340

Other articles of base metal (excludes articles of precious metal, see 40942)
Metal containers with a capacity not exceeding 300 liters (about 80 gallons), n.e.c. (except containers for compressed or liquefied gas, see 33992) ................................................. 33910
Railway or tramway track construction material of iron or steel ................................................. 33991
Metal containers with a capacity greater than 300 liters (about 80 gallons), and metal containers for compressed or liquefied gas ................................................. 33992
Springs and miscellaneous fabricated wire products (except electrically insulated products, see 35994, and nails and staples, see 33310) ................................................. 33993
Articles of non-precious metal, n.e.c. (except backed or printed foil, see 324xx) ................................................. 33999

Machinery

Turbines, boilers, internal combustion engines, and other non-electric motors and engines
Internal combustion engines
Spark-ignition reciprocating internal-combustion engines for motor vehicles, of a cylinder capacity exceeding 1000 cc ................................................. 34110
Other Internal-combustion piston engines
(includes compression engines such as diesel and semi-diesel engines) 34120

Parts of internal combustion piston engines
(except pumps for liquids, see 34310; filters, see 34999; crankshafts and camshafts, see 34972; and bearings, see 3497x) 34130

Turbines, boilers, nuclear reactors, and non-electric engines and motors except internal-combustion piston engines
Steam, other vapor, or hydraulic turbines 34211
Turbo-jets, turbo-propellers, and other gas turbines, including for aircraft 34212
Boilers, power or heating, and nuclear reactors 34221
Non-electric engines and motors, n.e.c., including fluid power and missile and rocket reaction engines 34222

Other mechanical machinery
Pumps for liquids and liquid elevators, including fluid power, vehicle, and service station pumps 34310
Air or vacuum pumps and air or other gas compressors, (including compressors for refrigerating and air conditioning equipment) 34320
Fans (including blowers) and ventilating or recycling hoods incorporating a fan 34330
Air conditioning equipment (except compressors, see 34320, and evaporative air coolers, see 34999) 34410
Household refrigerating or freezing equipment (except compressors, see 34320) 34421
Commercial- or industrial-type refrigerating or freezing equipment (except compressors, see 34320) 34422
Work trucks and tractors designed for lifting or for short distance transport of goods in factories, warehouses, docks, or airports (excludes trailers, see 36360) 34511
Lifting, handling, loading, or unloading machinery, n.e.c. (excludes cranes for road use, see 36330) 34519
Moving, grading, leveling, scraping, excavating, tamping, compacting, extracting, or boring machinery for earth, minerals, or ores, pile drivers and extractors, and snow ploughs and blowers (excludes motor vehicles for transporting goods, see 36220; tractors, see 36310; special purpose motor vehicles such as mobile drilling derricks, see 36330; parts for the vehicles listed above, see 3640x; powered hand tools, see 34950; and machinery for screening, mixing, etc. minerals, for drying, paving, etc., see 34999) 34520
Dish-washing machines, machinery for cleaning or drying bottles or other containers, machinery for aerating beverages, and packing or wrapping machinery 34910

Agricultural, horticultural, forestry, and poultry- or bee-keeping machinery
(excludes powered hand tools, see 34950; tractors, see 36310; trailers and wagons, see 36360; and machinery for spraying or drying, see 34999) 34920
Textile manufacturing machines; laundry machines, including dryers; and sewing machines 34930
Machine-tools for working hard materials, including metal-working (excludes other machines for working hard materials, such as woodworking presses; machines for working with metal wire; and machines for use in metallurgy, in foundries, or in metal rolling mills, see 34999 and in semiconductor manufacturing) 34940
Powered hand-tools, pneumatic, hydraulic, or with a self-contained electric or non-electric motor, including tools for lawn or construction use 34950
Machines and apparatus for soldering, brazing or welding, for surface tempering, or for hot spraying of metals; and wire, rods, electrodes, and similar products for use with such machines and apparatus 34960
Ball and roller bearings including mounted 34971
Transmission shafts and cranks, clutches, bearing housings and plain shaft bearings, gears and gearing, ball and roller screws, gear boxes and other speed changers, flywheels and pulleys, and shaft couplings (excludes gearmotors, see 35110; and roller and similar chain, see 33999) 34972
Machinery for making pulp, paper, or paperboard, including dryers and calendering machines 34991
Book-binding, type-founding, type-setting, or printing machinery 34992
Molding boxes for metal foundry, mold bases, molding patterns, and molds for metal carbides, glass, minerals, rubber, plastics, or metal (except ingot molds, see 34999) 34993
Taps, cocks, valves, and similar appliances for pipes, boiler shells, tanks and vats, or the like, including those for use in plumbing 34994
Semiconductor manufacturing machinery 34995
Machinery, n.e.c. 34999

Electronic and Other Electrical Equipment and Components, and Office Equipment

Electric motors, generators, generating sets, and rotary converters 35110
Electric or electronic transformers, static converters including rectifiers, and inductors 35120
Electric cooking appliances 35210
Electro-thermic or electro-mechanical domestic appliances such as vacuum cleaners, blenders, juicers, and can openers (includes electrical heating resistors (except of carbon, see 35995), but does not include: dishwashers, see 34910; refrigerators, see 34421; air conditioners, see 34410; fans, including range hoods, see 34330; or non-electric cooking or heating appliances (such as radiators or wood stoves), see 33999) ............................................. 35220

Line telephone and telegraph switching apparatus (except parts, see 35390) .................................................. 35310

Line telephone and telegraph communication apparatus, n.e.c., including telephones, fax machines, ISDN apparatus, and parts for telephone switching apparatus (excludes cellular telephones, see 35700) .................................................. 35390

Electronic entertainment products, including CD players, TVs, VCRs, speakers, video cameras, earphones, amplifiers, and radio broadcast receivers (except parts of these goods, see 35820) .................................................. 35400

Computer software .................................................................. 35610

Unrecorded media for audio, video, computer, or other use (does not include photographic film, see 23400) 35621

Office equipment including point-of-sale devices and word-processing machines (excludes photocopiers, see 38220, and facsimile machines, see 35390) .................................................. 35520

Electronic entertainment products, including CD players, TVs, VCRs, speakers, video cameras, earphones, amplifiers, and radio broadcast receivers (except parts of these goods, see 35820) .................................................. 35400

Computer software .................................................................. 35610

Unrecorded media for audio, video, computer, or other use (does not include photographic film, see 23400) 35621

Office equipment including point-of-sale devices and word-processing machines (excludes photocopiers, see 38220, and facsimile machines, see 35390) .................................................. 35520

Transmission apparatus for radio or TV broadcasting; radio transmission and reception apparatus; radar apparatus; radio navigational-aid apparatus; and radio remote-control apparatus (includes cordless microphones, CB radios, cell-phones, pagers, and television cameras, but DOES NOT include radio or television broadcast receivers, see 35400, or parts for these products, see 35820) .................................................. 35700

Capacitors (including power), resistors, (including variable resistor switches), and thermionic, cold-cathode, or photo-cathode valves and tubes (excludes heating resistors, see 35220 or 35995) .................................................. 35811

Printed circuits ........................................................................ 35812

Diodes, transistors, and similar semiconductor devices, photosensitive semiconductor devices including photovoltaic cells, light-emitting diodes, mounted piezo-electric crystals, and chemical elements and components doped for use in electronics .................................................. 35813

Electronic integrated circuits and micro-assemblies including memory chips .................................................. 35814

Parts for goods in SCTGs 354xx and 358xx, including cabinets .................................................. 35820

Primary cells and primary batteries (includes alkaline, nickel-cadmium, and lithium batteries) .................................................. 35911

Secondary cells and storage batteries (includes motor vehicle batteries) .................................................. 35912

Apparatus for switching or protecting electrical circuits or for making connections to or in electrical circuits, and boards, panels, consoles, desks, cabinets, or similar bases equipped with these apparatus .................................................. 35920

Ignition or starting equipment used for spark-ignition or compression-ignition internal combustion engines; generators (including dynamos and alternators); cutouts used with internal combustion engines; and wiring sets used in vehicles, aircraft, or ships .................................................. 35991

Lighting or signaling equipment, windshield wipers, or defrosters, used for motor vehicles or bicycles (does not include filament or discharge light bulbs, see 35993) .................................................. 35992

Electric filament or discharge light bulbs, ultra-violet or infra-red bulbs, and arc-lamps, (including sealed beam lamp units for vehicles, and photographic flashbulbs) .................................................. 35993

Insulated electric conductors (including wire), co-axial cables, and optical fiber cables (does not include vehicle wiring sets, see 35991) .................................................. 35994

Artificial graphite, colloidal or semi-colloidal graphite, preparations based on graphite or carbon, and articles of graphite or carbon .................................................. 35995

Electronic and electrical equipment and components, n.e.c., including electric conduits and fittings .................................................. 35999

### Motorized and Other Vehicles (including parts)

#### Vehicles

Automobiles and vans for fewer than 10 people (excludes parts, see 364xx) .................................................. 36101

Motor vehicles for fewer than 10 people, n.e.c. (excludes parts, see 364xx; snowmobiles, golf carts, and in-plant personnel carriers, see 36399; motorcycles, see 36351; and armored fighting vehicles, see 36391. This class does not contain any vehicle parts) .................................................. 36109

Motor vehicles for transporting goods, (including vehicles used in construction, mining, or agriculture) .................................................. 36210

Road tractors for semi-trailers (except parts, see 364xx) .................................................. 36220

Tractors except road tractors and work tractors (includes farm, lawn-and- garden, and track-laying tractors, but does not include tractor parts, see 364xx, or tractors of 34511) .................................................. 36310
Vehicles with a seating capacity of 10 or more persons (except parts, see 364xx) 36320
Special-purpose motor vehicles including mobile cranes, drilling derricks, concrete mixers, and fire-fighting vehicles (except parts, see 364xx) 36330
Chassis fitted with engines, and separate bodies, for motor vehicles 36340
Motorcycles and mopeds, and their parts (including side cars) 36351
Bicycles and other cycles, and their parts 36359
Trailers and semi-trailers and parts, including camping trailers 36360
Armored fighting vehicles and their parts 36391
Vehicles, n.e.c. (including snowmobiles; golf carts and in-plant personnel carriers (except their parts, see 364xx); and hand-carts, grocery carts, wheelbarrows, and their parts) 36399
Motor vehicle parts
Brakes 36401
Gear boxes (except parts, see 36409) 36402
Road wheels 36403
Metal stampings such as bumper, fender, door, hood, trim, and hub cap 36404
Parts for motor vehicles, n.e.c., including seat belts and seat covers (except parts for motorcycles, mopeds and armored fighting vehicles, see 36351 and 36391; and except engines and engine parts, see 341xx; pumps for liquids, see 34310; filters, see 34999; tires, see 24310; glass, see 313xx; lighting and signaling equipment, see 39030; and catalytic converters, see 34999) 36409
Railway equipment
Railway or tramway locomotives and self-propelled rolling-stock (excludes maintenance or service vehicles, see 37102) 37101
Railway or tramway maintenance or service vehicles (including self-propelled), and passenger coaches and freight cars (not self-propelled) 37102
Parts of locomotives and rolling stock (excludes engines, see 341xx; electric motors and generators, see 35110; pumps for liquids, see 34310; and lighting equipment, see 39030) 37103
Track fixtures and fittings and their parts, mechanical signaling, safety, or traffic-control equipment, and containers specially designed and equipped for carriage by one or more transport modes 37104
Aircraft and spacecraft
Aircraft, except parts 37210
Spacecraft including satellites and suborbital and spacecraft launch vehicles, except parts 37220
Parts of aircraft and spacecraft (except internal combustion engines, see 341xx; turbines, see 34212; other engines and motors, see 34222; tires, see 24310; pumps for liquids, see 34310; filters, see 34999; plastics, see 24229; glass, see 313xx; lighting equipment, see 39030; ignition and starting equipment, see 39599; windshield wipers and defrosters, see 39592; and seats, see 39029) 37230
Parachutes, rotochutes, aircraft-launching gear, deck-arresters, and flight simulators 37240
Ships, boats, and floating structures
Pleasure or sporting vessels, and rowing boats (parts except for hulls should be classified according to what the article is) 37310
Commercial ships and boats and other floating structures (parts except for hulls should be classified according to what the article is) 37320
Precision Instruments and Apparatus
Eyewear including contact lenses and other lenses, goggles, and frames 38101
Optical elements, instruments, and apparatus, n.e.c. (except photographic, cinematographic, and photocopying equipment, see 38210 or 38220) 38109
Photographic (including cinematographic) cameras, image projectors, enlargers, reducers, and projection screens; negatoscopes, and apparatus and equipment for film developing (excludes videocameras, see 35400) 38210
Photocopying and thermocopying machines 38220
Navigational instruments and appliances (except radar and radio navigational-aid apparatus, see 35700) 38310
Surveying, hydrographic, oceanographic, hydrological, meteorological, geophysical, drawing, mathematical calculating and length measuring hand instruments and appliances (except radar apparatus, see 35700) 38320
Apparatus based on the use of X-rays or alpha, beta, or gamma radiation 38410
Electro-medical equipment (except pacemakers, see 38491) 38420
Orthopedic appliances; fracture appliances; artificial body parts; and appliances that are worn, carried, or implanted in the body to compensate for a medical condition 38491
Surgical and medical instruments and apparatus 38492
Instruments, apparatus, and appliances for medical, surgical, dental, or veterinary sciences, or for similar purposes, n.e.c. 
(excludes furniture, see 39021; wheelchairs, see 40999; and wadding, bandages, etc., see 21000) 38499

Instruments and apparatus for measuring or checking electrical quantities 38510

Industrial process control instruments 38520

Instruments and appliances for testing mechanical properties of materials 38591

Instruments and appliances for measuring or detecting ionizing radiations 38592

Gas or liquid supply or production meters 38593

Other instruments and apparatus for measuring, checking, testing, or controlling, n.e.c. 38599

**Furniture, Mattresses and Mattress Supports, Lamps, Lighting Fittings, and Illuminated Signs**

Mattresses and mattress supports 
(except inflatable and waterbed mattresses of plastics, see 24229, or of rubber, see 24399) 39011

Household or office furniture, n.e.c., including kitchen cabinets 
(except desk top furniture, which is classified by its material; and TV and stereo cabinets, see 35820) 39019

Medical, surgical, dental, or veterinary furniture 39021

Furniture, n.e.c. 39029

Lamps, lighting fittings, and illuminated signs or name plates 
(except for motor vehicles, see 35992) 39030

**Miscellaneous Manufactured Products**

Arms 
(excludes swords, daggers, etc., see 33322) 40110

Munitions and ammunition, including bombs, grenades, and missiles 40120

Toys and games and baby carriages, including coin-operated arcade games 40210

Sporting equipment 40220

Clocks and watches 40910

Prefabricated buildings including tool or garden sheds 40920

Writing or drawing instruments and inked ribbons and pads 40930

Precious metal forms and shapes 40941

Pearls, precious or semi-precious stones including unworked; articles of pearls, stones, or precious metals including jewelry, catalysts, anodes, and tableware; and coins 40942

Costume jewelry 40991

Musical instruments 40992

Brooms, brushes, mechanical floor-sweepers, mops, feather dusters and paint pads or rollers, including brushes for floor scrubbers, polishers and other machines, appliances, or vehicles 40993

Sewing and knitting needles 
(including for machines), crochet hooks, hook and eye fasteners, safety pins, straight pins, buttons, buckles and clasps, tubular and bifurcated rivets, snap-fasteners, zippers, and similar notions 40994

Works of art, collections, and antiques 40995

Miscellaneous manufactured products, n.e.c. 40999

**Waste and Scrap** 
(except of agriculture or food, see 041xx)

Metal slag, ash, and residues 41110

Other waste and scrap of ferrous metals 41120

Other waste and scrap of non-ferrous metals, including precious metals 41130

Sawdust and wood waste and scrap 41210

Waste and scrap of paper or paperboard 41220

Waste and scrap of glass 41291

Non-metallic waste and scrap, n.e.c. 41299

**Mixed Freight**

Items (including food) for grocery and convenience stores 43991

Supplies and food for restaurants and fast food chains 43992

Hardware or plumbing supplies 43993

Office supplies 43994

Miscellaneous 43999