

**2012 Commodity Flow Survey  
Standard Classification of Transported Goods (SCTG)**

**SCTG  
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.

When a single shipment includes more than one commodity use the 5-digit code for the commodity with the greatest 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.

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### How to Use This Listing

A quick reference of selected commodities in alphabetic order follows 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 section and page. Note: subgroups are included below the major groups as a guide for locating the correct major group.

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 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.

## Alphabetic Quick Reference Guide

*The following guide is intended to assist you in identifying the appropriate commodity section and its location within this booklet. It is not intended to be a comprehensive index of commodities and codes. Please refer to the more detailed descriptions contained in the Commodity Booklet and locate the appropriate 5-digit code matching that description.*

Commodity or Product	Section	Page(s)	Commodity or Product	Section	Page(s)
Acids	20	10	Brooms, brushes, mops	40	19
Additives for mineral oils	23	11	Building blocks and bricks	31	13
Agricultural machinery	34	15	Cat food	04	6
Air-conditioning	34	15	Ceramic products	31	13
Aircraft and spacecraft	37	17	Cereal foods, Breakfast	06	6
Alcohol, consumable or denatured. <i>See ethanol for fuel alcohol</i>	08	8	Cereal Grains (including seed). <i>See 03219 for sweet corn</i>	02	5
Alcohols, acyclic	20	10	Cheese	07	7
Aluminum	32	14	Chemical products and preparations, not elsewhere classified	23	11
Animal Feed	04	6	Chemicals, inorganic	20	10
Animals and Fish (Live)	01	5	Chemicals, organic	20	10
Armored fighting vehicles	36	17	Cleaning or drying machines	34	15
Arms, including ammunition	40	18	Coal	15	9
Articles of base metal	33	14	Cocoa, and cocoa preparations	07	7, 8
Artificial body parts	38	18	Coffee, tea, and spices	07	7
Asbestos, products of	31	13	Compressors	34	14
Aviation turbine fuel	17	9	Computer software	35	16
Baked products	06	6	Computers	35	16
Bakery products	06	6	Concrete pipes	31	13
Beer	08	8	Condiments	07	7, 8
Beverages, alcoholic	08	8	Converters	35	15
Beverages, non-alcoholic	07	7, 8	Dairy products	07	7
Bicycle and other cycles parts	36	17	Denatured ethyl alcohol	08	8
Bicycles and other cycles	36	17	Dish washers	34	15
Blank books	29	12	Dog food	04	6
Boilers	34	14, 15	Doors	26	12
Boring, and related machinery and equipment	34	15	Edible preparations	07	7, 8
			Eggs	04	6

<b>Commodity or Product</b>	<b>Section</b>	<b>Page(s)</b>	<b>Commodity or Product</b>	<b>Section</b>	<b>Page(s)</b>
Eggs, processed	07	8	Honey	04	6
Electric domestic appliances	35	15	Hydraulic cements	31	13
Electro-mechanical domestic appliances	35	15	Ice cream, ice milk, sherbets, and ices	7	7
Electronic components and parts	35	16	Illuminated signs	39	18
Electrothermic domestic appliances	35	15	Inductors	35	15
Entertainment products, electronic	35	16	Insecticides	23	11
Essential oils	23	11	Instruments and apparatus for measuring	38	18
Ethanol, Fuel Alcohols	17	9	Instruments and apparatus for medical, dental, veterinary	38	18
Excavating equipment	34	15	Internal combustion engines	34	14
Fats and oils and their cleavage products	07	7	Juices, fruit	7	7
Fats and oils, modified	07	7	Leather and articles of leather	30	13
Fertilizers	22	10, 11	Lime, and similar minerals	31	13
Film, photographic or cinematographic film	23	11	Live plants or parts of plants	3	5
Fish, seafood. See section 01 for live fish	05	6	Logs	25	11
Food and supplies for fast food chains	43	19	Machinery	35	14, 15
Food for grocery and convenient stores	43	19	Manufactured products, miscellaneous	40	18, 19
Foodstuffs, other prepared	07	8	Materials-handling equipment	34	15
Fruit and nuts, edible, fresh, chilled, or dried	03	5	Meat	5	6
Fruit, and juices	03, 07	5, 7	Mechanical machinery	34	15
Fuel Oils, and Biodiesel	18	9	Media, prepared unrecorded or pre-recorded	35	16
Furniture	39	18	Metal containers	33	14
Games	40	18	Metal, articles of	33	14
Gasoline, turbine fuel, and ethanol	17	9	Metal, Base metal in primary or semi-finished forms	32	13, 14
Generators	35	15	Metallic ores and concentrates	14	9
Glass and glass products	31	13	Meters	38	18
Glues	23	11	Milk and cream	7	7
Grain Products	6	6	Minerals, other non-metallic	13	8, 9
Gravel and crushed stone	12	8	Mixed Freight	43	19
Herbicides	23	11	Motor vehicle parts	36	17

<b>Commodity or Product</b>	<b>Section</b>	<b>Page(s)</b>	<b>Commodity or Product</b>	<b>Section</b>	<b>Page(s)</b>
Motor vehicles	36	16	Railway equipment	37	17
Motor vehicles for the transport of goods	36	17	Refrigerators, freezers	34	14
Motorcycles, scooters, and mopeds	36	17	Rubber in primary form	24	11
Motors, electric	35	15	Salt	13	8
Musical instruments	40	18	Sands, natural	11	8
Navigational instruments	38	18	Sauces	07	8
Non-metallic mineral products, not elsewhere classified	31	13	Scrap and waste, metallic	41	19
Nuts	03, 07	5, 7	Scrap and waste, non-metallic not from food	41	19
Office supplies	43	19	Sewing and knitting	40	19
Oil and fats, animal or vegetable	04, 07	6, 7	Shingles, asphalt	31	13
Oil seeds	03	5	Shingles, wood	26	12
Optical instruments	38	18	Ships, boats, and floating structures	37	17
Orthopedic appliances	38	18	Shortening	07	7
Paints	23	11	Silica and quarts	11	8
Paper and paperboard, in large rolls or sheets	27	12	Soups and broths	07	8
Paper or paperboard articles	28	12	Spices	07	7
Pasta	06	6	Stone, monumental or building	10	8
Perfumery and cosmetic	23	11	Sugars, confectionery	07	7
Petroleum, crude	16	9	Sulfur	20	10
Pharmaceutical Products	21	10	Surveying instruments	38	18
Photographic and photocopying machines	38	18	Syrups and concentrates, consumable	07	8
Plastics in primary form	24	11	Tea	07	7
Potato chips	07	7	Telephone or telegraph apparatus	35	15
Poultry	05	6	Textile manufacturing machines	34	15
Precious metal forms and shapes	40	18	Textiles and articles of textiles	30	12
Precision instruments and apparatus	38	18	Tobacco not steamed or stripped	03	5
Prefabricated buildings	40	18	Tobacco products	09	8
Printed products	29	12	Tools, powered hand tools	34	14
Pulp, newsprint, paper, and paperboard	27	12	Tortilla chips	06	6
Pumps	34	14	Toys	40	18

<b>Commodity or Product</b>	<b>Section</b>	<b>Page(s)</b>
Transformers	35	15
Transportation equipment, not elsewhere classified	37	17
Turbines	34	14
Varnishes	23	11
Vegetables, fresh, chilled, or dried	03	5
Vegetables, processed or prepared	07	7, 8
Veneer sheets and sheets for plywood	26	12
Video games	40	18
Waste and scrap, metallic	41	19
Waste and scrap, non-metallic, except from food	41	19
Water-treatment compounds	23	12

<b>Commodity or Product</b>	<b>Section</b>	<b>Page(s)</b>
Windows	26	12
Wine	08	9
Wood chips or particles	26	12
Wood for fuel	25	11
Wood in rough	25	11
Wood products	26	12
Wood, shaped	26	12
Wood, treated	26	12

## SCTG Manual Revised

Description..... SCTG

**01 Animals and Fish (Live)**

Live bovine animals..... 01001

Live swine..... 01002

Live poultry ..... 01003

Live fish, including live eels and aquarium fish ..... 01004

*Other live animals,*  
*(including horses, sheep, goats, fur-bearing animals,*  
*reptiles, honey bees, insect larvae, bait, pet or song birds,*  
*cats, and dogs*  
*(except live shellfish, crustaceans such as crabs and lobsters,*  
*squid, octopus, and other aquatic invertebrates, see 05204)*  
 ..... 01009

**02 Cereal Grains (including seed)**

Wheat..... 02100

Corn (*except sweet, see 03219*)..... 02200

Rye..... 02901

Barley..... 02902

Oats..... 02903

Grain sorghum ..... 02904

*Other cereal grains, including rice*  
*(excludes soy beans, see 03400, and other oil*  
*seeds, see 0350x)* ..... 02909

**03 Agricultural Products Except for Animal**

**Feed, Cereal Grains, and Forage Products**

➤ **Vegetables, fresh, chilled, or dried**

Potatoes, including seed, 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 such as peas and beans,  
 fresh or chilled ..... 03214

Other fresh or chilled vegetables including olives ..... 03219

Leguminous vegetables, dried (such as peas, lentils,  
 beans (includes those for use as seed **and fodder**,  
 but excludes milled vegetables, see 06299) ..... 03221

Other dried vegetables, such as potatoes, mushrooms, and  
 onions  
*(includes those for use as seed, but excludes milled*  
*vegetables, see 06299)* ..... 03229

➤ **Fruit and nuts, edible, fresh, chilled, or dried**

Oranges, fresh or chilled ..... 03311

Grapefruit, fresh or chilled ..... 03312

Other citrus fruit, 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

Other fresh or chilled fruit  
 (excludes olives, see 03219)..... 03329

Dried grapes  
 (includes raisins and "currants")..... 03331

Other dried fruit,  
 (includes mixtures of dried fruit)..... 03339

Nuts in the shell  
 (not including peanuts, see 03501) ..... 03341

Shelled nuts including sliced, chopped, shredded, stoned,  
 pulped, and peeled, but not further processed  
 (not including peanuts, see 03501) ..... 03342

➤ **Other agricultural products (oil seeds, bulbs, live plants or parts of plants, cut flowers, unmanufactured tobacco), not elsewhere classified**

Soy beans, including for sowing..... 03400

Peanuts, unroasted, including for sowing ..... 03501

Linseed (flaxseed), including for sowing ..... 03502

Colza (rape) or canola seeds, including for sowing..... 03503

Sunflower seeds, including for sowing..... 03504

Cotton seeds, including for sowing ..... 03505

Mustard seeds, including for sowing ..... 03506

Other oil seeds and nuts..... 03509

Bulbs and roots and similar products, live trees  
 and other plants, and mushroom spawn..... 03601

Other seeds for sowing ..... 03602

➤ **Fresh-cut flowers, plants, and parts of plants, and other agricultural products except forage products and cereal straw or husks**

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 (see 07501 sugar) ..... 03992

Other agricultural products, 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

## 04 Animal Feed, Eggs, Honey, and Other Products of Animal Origin

### ➤ Eggs, cereal straw or husks, forage products, residues and waste from the food industries used in animal feeding, and other products of animal origin not elsewhere classified

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 fur skins) .....	04192
Shorn or pulled greasy wool, animal hair not carded or combed, silk-worm cocoons suitable for reeling, and raw silk .....	04193
Other products of animal origin, and residues and waste from the food industries used in animal feeding, not elsewhere classified, including natural honey, sausage casings, down, pigs' bristles, horsehair, degelatinized bone, shells, natural sponges, animal products used in the preparation of pharmaceuticals, bovine semen, and blood meal, and other feed ingredients such as vegetable waste, residues, or by-products such as gluten meal, dried beet-pulp, brewers' and distillers spent grains, malt sprouts, wine lees and argol, and acorns and horse-chestnuts.....	04199
Dog or cat food put up for retail sale .....	04210
Other animal feed preparations, including complete feeds, premixes, bird seed, fish food, and feed supplements .....	04290

## 05 Meat, Poultry, Fish, Seafood, and their Preparations

Meat <i>except poultry</i> , fresh or chilled .....	05111
Meat <i>except poultry</i> , frozen .....	05112
Poultry, fresh or chilled .....	05121
Poultry, frozen .....	05122
Meat, salted, in brine, dried, or smoked, including smoked hams, pork bellies, back bacon, cottage rolls, and pickled beef, edible flours and meals, and pig or poultry fat, not rendered .....	05130

### ➤ Fish except live, and seafood, except preparations

Fresh or chilled fish including fillets .....	05201
Frozen fish including fillets .....	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	

(such as lobsters, shrimps, crabs) cooked by steaming or by boiling in water ..... 05204

### ➤ Preparations, extracts, and juices

Preparations, extracts, and juices of meat including poultry ( <i>except soups and broths, see 07720</i> ).....	05310
Preparations, extracts, and juices of fish or seafood (aquatic invertebrates) ( <i>except soups and broths, see 07720</i> ).....	05320

## 06 Milled Grain Products and Preparations, and Bakery Products

### ➤ Milled or otherwise worked grain products

Wheat flour, groats, and meal ( <i>except byproducts, see 04130</i> ) .....	06100
Malt .....	06210
Milled rice including husked, broken, flour, groats, and meal.....	06291
Corn flour, groats, and meal .....	06292
Starches and modified starches.....	06293
Inulin; wheat gluten; milled cereals and other vegetables; and grains otherwise worked, including rolled, flaked, hulled, pearled, sliced, or kibbled ( <i>except milling byproducts, see 04130</i> ) .....	06299

### ➤ Bakery products and food preparations of cereals, flour, starch or milk

Pasta (including stuffed, canned, frozen, or dried) and couscous .....	06310
Breakfast cereal foods, swelled, roasted, or partially cooked .....	06320
Mixes and dough for the preparation of bakery products, including batters.....	06391
Rice preparations, instant rice, and partially cooked rice .....	06392
Other food preparations of cereals, flour, starch, or milk, not elsewhere classified, including tapioca, malt extract, ice cream and milk shake mixes, pudding powders, and infant formula.....	06399

### ➤ Baked products, including frozen

Baked snack foods including pretzels, cheese sticks, and tortilla chips ( <i>excludes cookies and crackers, see 06432</i> ).....	06410
Frozen baked products, including quiche, pizza, bagels, waffles, and pastries .....	06420
Perishable baked products (including fresh bread, pastries, pies, cakes, doughnuts, pizza, and quiche) .....	06431
Dry baked products (including cookies, crackers, and taco shells).....	06432



## 07 Other Prepared Foodstuffs, Fats and Oils

### ➤ Dairy products (except beverages and preparations of milk)

Milk and cream, un-concentrated and unsweetened.....	07111
Milk and cream, in powder, granules, or other solid forms.....	07112
Other, not elsewhere classified, including evaporated or condensed whole milk.....	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
Other dairy products, including yogurt, buttermilk, sour cream, whey, and casein (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, except dried or milled, and juices

Frozen vegetables and vegetable preparations (including french fries and vegetable mixtures) .....	07210
Potato chips including from potato flour preparations .....	07221
Other processed or prepared vegetables (including canned and pickled vegetables, relishes, and olives, but excluding: frozen or dried vegetables, see 03221, 03229, or 07210; milled vegetables, see 06299; soup mixes, 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 shelled, see 03342, purées and pastes, see 07231, but including roasted nuts and peanut butter) .	07232
Other processed or prepared fruit, including frozen or 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, (except unprocessed coffee and unfermented tea, see 03991)

Processed coffee, including roasted beans, decaffeinated or instant coffee, and coffee substitutes such as roasted chicory.....	07301
Fermented (processed) tea, including tea bags and decaffeinated tea .....	07302

Spices, including unprocessed spices .....	07303
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### ➤ 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, includes fats and oils of fish or marine mammals (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, including peanut, olive, palm, sunflower-seed, safflower, cotton-seed, coconut (copra), palm kernel, mustard, linseed, castor, tung, sesame, jojoba, or wheat germ oil, 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, not elsewhere classified. Including margarine, vegetable shortening, blended salad oils, crude glycerol, glycerol waters and lyes. (Excludes oils and fats treated for use as biodiesel, see 18210).....	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 in solid form, sugar syrups not containing added flavoring or coloring matter, 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, including icing or cubed sugar.....	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, not elsewhere classified, including maple sugar and syrup, chemically pure fructose and maltose, and invert sugars (excludes byproducts of sugar extraction, see 04199. Syrups with added flavor/color are in 07793).....	07509

### ➤ Confectionery, cocoa, and cocoa preparations

Sugar confectionery not containing cocoa, including sugar candy, and nuts, nut pastes, and fruit, fruit peel, and vegetables preserved by sugar glacé products (except sugarless gum, see 07799) .....	07611
Chocolate confectionery including chocolate-coated nuts.....	07612

Cocoa beans, paste, butter, and powder, and cocoa preparations including instant chocolate..... 07620

➤ **Other edible preparations not elsewhere classified, and vinegar**

Tomato sauces (including ketchup and chili sauces)..... 07711  
Other sauces and sauce mixes, including prepared mustard, mustard flours and meals, soya sauce, mayonnaise, salad dressings including dried, and mixed condiments and seasonings, not elsewhere classified ..... 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 including cocktail mixes ..... 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, not elsewhere classified, including protein concentrates, tofu, vegetable preparations for flavoring, jelly powders, concentrated juice fortified with vitamins or minerals, and vinegar ..... 07799

➤ **Non-alcoholic beverages not elsewhere classified, and ice**

Carbonated soft drinks ..... 07811  
Other sweetened or flavored water ..... 07819  
Water, unsweetened and unflavored, including potable, spring, carbonated, or mineral..... 07891  
Ice and other non-alcoholic beverages, including soya, almond, coconut, chocolate, and other milk drinks, and juices fortified with vitamins and minerals, not concentrated, and not elsewhere classified.  
(excludes dry ice (carbon dioxide), see 20241) ..... 07899

**08 Alcoholic Beverages and Denatured Alcohol**

Beer (malt beer) (excludes non-alcoholic beer, see 07899) ..... 08100  
Wine and other fermented beverages (excludes non-alcoholic wine, see 07899) ..... 08200

➤ **Spirituos beverages and ethyl alcohol**

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

➤ **Denatured ethyl alcohol (not for human consumption)**

Denatured ethyl alcohol of a strength of more than 80% by volume.  
(*Excluding ethanol for use as biofuel, see 17600*)..... 08410  
Denatured ethyl alcohol of a strength by volume of less than 80% vol., not for human consumption (*excluding ethanol for use as biofuel, see 17500 and 17600*)..... 08420

**09 Tobacco products**

Cigarettes..... 09010  
Tobacco products (manufactured), not elsewhere classified, include cigars, tobacco extracts and essences, and tobacco substitutes (*except leaf tobacco, see 0392x*)..... 09090

**10 Monumental or Building Stone**

Calcareous monumental or building stone ..... 10010  
Monumental or building stone, other, including slate (excludes dolomite, see 13300)..... 10020

**11 Natural Sands**

Silica sands and quartz sands for construction use ..... 11010  
Silica sands and quartz sands for uses other than construction; and other sands such as feldspathic, filter, fire, and clayey sands such as kaolinic ..... 11020

**12 Gravel and crushed stone except dolomite and slate**

Limestone flux..... 12011  
Agricultural limestone ..... 12012  
Other gravel and crushed, powdered, or broken limestone and chalk (calcium carbonate)..... 12019  
Other gravel and crushed stone.  
(*except dolomite, see 13300, slate, see 13999, and limestone and chalk, see 1201x*) ..... 12020

**13 Other non-Metallic Minerals not elsewhere classified**

➤ **Salt**

Table salt, including sea salt..... 13101  
Other salt including, rock salt, brine, and pure sodium chloride ..... 13109  
Natural calcium phosphates, natural aluminum-calcium phosphates, and phosphatic chalk ..... 13200  
Dolomite, including monumental, building, and crushed..... 13300  
Sulfur (*except sublimed, precipitated, or colloidal, see 20210*)..... 13910  
Kaolinic clays including China..... 13921

Other Clays including bentonite, fire-clay, andalusite, kyanite, sillimanite, mullite, chamotte, and dinas earths.....	13929
Pumice stone, emery, and natural abrasives .....	13991
Gypsum and anhydrite .....	13992
Asbestos.....	13993
Leucite, nepheline, and nepheline syenite .....	13994
Other Non-metallic minerals such as natural graphite, quartz, quartzite, mica, steatite and talc, natural, crude earths, and peat ( <i>except natural asphalt, bitumen, shale, tar sands, and asphaltic rock, see 19990; precious and semi-precious stones, see 40942; and mined fertilizers except calcium phosphates, see 22xxx</i> ).....	13999

## 14 Metallic Ores and Concentrates

Iron ores and concentrates including roasted iron pyrites .....	14100
Copper ores and concentrates .....	14910
Nickel ores and concentrates .....	14991
Aluminum ores and concentrates, including bauxite .....	14992
Lead ores and concentrates .....	14993
Zinc ores and concentrates.....	14994
Uranium or thorium ores and concentrates .....	14995
Titanium.....	14996
Other ores and concentrates including those of precious metals .....	14999

## 15 Coal

Non-agglomerated bituminous coal.....	15100
Non-agglomerated anthracite.....	15910
Non-agglomerated lignite ( <i>except jet, see 13999</i> ) .....	15920
Agglomerated coal including briquettes .....	15930

## 16 Crude Petroleum

Crude petroleum oil and oils obtained from bituminous minerals including from tar sands .....	16000
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## 17 Gasoline, Aviation Turbine Fuel, and Ethanol, Including Kerosene, and Fuel Alcohols

### Gasoline

Gasoline including for aviation use ( <i>exclude: blends of gasoline and alcohol, see 17120, and 17500, and aviation turbine fuel, see 17201</i> ) .....	17110
Blends of gasoline and alcohol with up to 10 percent alcohol volume (E10 or lower), including for aviation use (excluding C192 aviation turbine fuel, see 17201, and blends of gasoline and alcohol with more than 10 percent alcohol volume, see 17500, and 17600) .....	17120

### ➤ Aviation turbine fuel (types A and B), and Kerosene

Aviation turbine fuel (jet types A and B ( <i>except kerosene for heating and uses for other than aviation fuel, see 17202</i> )) .....	17201
Kerosene for heating and uses other than aviation fuel. ....	17202

### ➤ Ethanol, Ethanol Blends, and other Fuel Alcohols

Alcohol and gasoline blends with more than 10 percent alcohol volume, include E15, E20, E25, E 70, E 75, E85, and other blends of ethanol not elsewhere classified, including ED95. ( <i>Does not include denatured anhydrous ethanol, see 17600.</i> ).....	17500
Ethanol, anhydrous ethanol (E100) denatured, and other denatured alcohols for use in blends of biofuels .....	17600

## 18 Fuel Oils including diesel, Bunker C, and Biodiesel

Fuel oils including diesel, distillate heating oil, Bunker C (excluding biodiesel, see below) .....	18100
Blends of fuel oils that include 5 percent or less biodiesel by volume (B5, or less) .....	18200
Blends of fuel oils with more than 5 percent biodiesel by volume, (except B100, see 18220). ....	18210
Biodiesel (derived from vegetable oils or animal fats), B100 ( <i>except mixtures of biodiesel and diesel fuel</i> ) .....	18220

## 19 Other Coal and Petroleum Products, not elsewhere classified

Lubricating oils and greases ( <i>except mixtures and preparations containing less than 70% by weight of petroleum oils or oils obtained from bituminous materials, see 23909</i> ).....	19100
Other refined petroleum oils and oils obtained from bituminous minerals, not elsewhere classified .....	19209

### Gaseous hydrocarbons

Liquefied natural gas .....	19310
Propane, liquefied.....	19321
Butane, liquefied (excluding chemically pure, see 20501) .....	19322
Other liquefied gaseous hydrocarbons, not elsewhere classified ( <i>excluding chemically pure, see 20501</i> ) .....	19329
Gaseous hydrocarbons in a gaseous state including gaseous natural gas (excluding chemically pure, see 20501) .....	19330
Coke and semi-coke of coal, lignite, or peat, and retort carbon .....	19911
Petroleum coke, including calcined.....	19912

Petroleum asphalt.....	19920
Bituminous mixtures based on natural asphalt, natural bitumen, petroleum asphalt, mineral tar, or mineral-tar pitch, and tarred macadam .....	19930
Other coal products and products of petroleum refining, and natural asphaltic minerals, not elsewhere classified .....	19990

## 20 Basic Chemicals

### Inorganic chemicals

Sodium hydroxide (caustic soda).....	20101
Potassium hydroxide (caustic potash).....	20102
Sulfur, sublimed, precipitated, or colloidal.....	20210
Hydrogen chloride (hydrochloric acid).....	20221
Sulfuric acid and oleum .....	20222
Other Inorganic acids, (except nitric and sulfonitric acid, see 22020 and phosphoric acid, see 22039).....	20229
Artificial corundum .....	20231
Aluminum oxide and aluminum hydroxide (does not include artificial corundum, see 20231).....	20232
Carbon dioxide.....	20241
Hydrogen, nitrogen, oxygen, and rare gases such as argon and helium .....	20242
Sodium sulfates.....	20251
Disodium carbonate, sodium hydrogen carbonate (sodium bicarbonate), and potassium carbonates .....	20252
Other Sodium or potassium compounds. ....	20259
Titanium oxides, pigments, and preparations .....	20261
Other Inorganic pigments, and preparations and inorganic products used as luminophores, not elsewhere classified .....	20262
Calcium carbide .....	20263
Silicon or tungsten carbides.....	20264
Other metal compounds, not elsewhere classified .....	20269
Chlorine .....	20291
Carbon black.....	20292
Alkali or alkaline-earth metals, rare-earth metals, scandium, yttrium, and mercury .....	20293
Inorganic chemicals not elsewhere classified. Such as iodine, fluorine, bromine, boron, tellurium, silicon, silicon or sulphur dioxide, halide and halide oxides of non-metals, carbon disulphides, hydrazine, hydroxylamine, ammonium bifluoride, fluorosilicates, ammonium chloride, bromide oxide, ammonium bromide, perchlorates, ammonium thiosulphate, peroxysulphates, ammonium persulphate, phosphinates, triammonium phosphates, ammonium bicarbonates, fulminates, cyanates, peroxychromates, complex silicates, hydrides, nitrides, silicides, radioactive elements, isotopes, and compounds. ....	20299

### ➤ Organic chemicals

Cyclic hydrocarbons, including benzene, toluene,  
xylene, styrene, cyclanes, cyclenes, cycloaterpenes,

ethylbenzene, cumene, vinyltoluene, and naphthalene.....	20300
Acyclic alcohols .....	20410
Phenols, phenol-alcohols, aldehydes, cyclic polymers of aldehydes, paraformaldehyde, ketones, and quinones ( <i>excludes their halogenated, sulfonated, nitrated, or nitrosated derivatives, see 20509</i> ).....	20420
Organic acids, their anhydrides, halides, peroxides, and peroxyacids, and their halogenated, sulfonated, nitrated, or nitrosated derivatives .....	20430
Acyclic hydrocarbons (except methane and propane, see 193xx).....	20501
Halogenated derivatives of hydrocarbons .....	20502
Other Sulfonamides, provitamins and vitamins, hormones, glycosides or vegetable alkaloids and their derivatives, antibiotics, and chemically pure sugars, not elsewhere classified ( <i>excludes products put up in measured doses or for retail sales, see 21000</i> ).....	20503
Organic dyes, pigments, lakes, and toners.....	20504
Other Organic chemicals (excludes all cellulose derivatives, see 24101).....	20509

## 21 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

## 22 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, sulfonitric acids, and  
ammonia).....

22020

Phosphatic slag  
(basic slag or Thomas slag) .....

22031

Other Phosphatic mineral or chemical fertilizers,  
not elsewhere classified  
(includes superphosphates and phosphoric acid).....

22039

Potassium chloride (potash).....

22041

Other potassic mineral or chemical fertilizers,  
not elsewhere classified .....

22049

Other Fertilizers, including ammonium phosphate and fertilizers that are mixed or put up for retail sale .. 22090

## 23 Other Chemical Products and Preparations

Paints and varnishes, including enamels, lacquers, distempers, and prepared water pigments for finishing leather ..... 23110

Vegetable tanning extracts or coloring matter, tannins and their derivatives, animal coloring matter, not elsewhere classified, mastics including putty, powdered glass, household dyes, surfacing 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 including exposed only or exposed and developed, 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, not elsewhere classified (*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

Other Chemical products and preparations not elsewhere classified, 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 (*exclude preparations containing 70% or more by weight of petroleum oils or of oils obtained from bituminous minerals, see 19100*) ..... 23909

## 24 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, including joints, elbows, and flanges ..... 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 conveyance or packing goods, including, cases, trays, pails, bags, bottles, flasks, spools, food or plant containers, and foam shapes for packing ..... 24224

Plastics household or toilet articles ..... 24225

Other Plastics articles, not elsewhere classified, including builders' ware, hardware, fasteners, apparel, ornamental articles, and insulating or polarizing material and fittings for electrical equipments. .... 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

Other Articles of rubber, not elsewhere classified ..... 24399

## 25 Logs and Other Wood in the Rough

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

## 26 Wood Products

Wood chips or particles .....	26100
Lumber, treated.....	26211
Lumber, untreated.....	26212
Wood continuously shaped along any of its edges or faces.....	26221
Shingles and shakes .....	26222
Veneer sheets and sheets for plywood .....	26310
Particle board, fiberboard, and similar board of wood or other ligneous materials.....	26320
Plywood, veneered panels, and similar laminated wood including door skins.....	26330
Windows, doors, and frames and thresholds.....	26401
Other Builders' joinery and carpentry of wood, not elsewhere classified ( <i>except shingles and shakes, see 26222</i> ).....	26409
Wood packing containers, cable drums, pallets and skids, and coopers' products such as cask and barrels.	26901
Other Wood products, not elsewhere classified, including wood charcoal, densified wood, and coffins .....	26909

## 27 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
Other Pulp of fibrous cellulosic materials, not elsewhere classified (including recycled pulp) .....	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
Other Uncoated paper in large rolls or sheets, not elsewhere classified .....	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

## 28 Paper or Paperboard Articles

Toilet paper, facial tissues, towels, tampons, sanitary napkins, disposable diapers, and similar articles of paper for household, sanitary, or hospital use, and paper articles of apparel .....	28010
Sacks and bags of paper, paperboard, cellulose wadding, or cellulose fiber webs .....	28021

Other packing containers of paper, paperboard, cellulose wadding, or webs of cellulose fibers, not elsewhere classified .....	28029
Wallpaper and similar wall coverings .....	28091
Envelopes, letter cards, plain postcards and correspondence cards, and boxed sets of paper stationery .....	28092
Other Paper or paperboard articles, not elsewhere classified ( <i>except blank books, office pads, and forms, see 2999x</i> ) .....	28099

## 29 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
Other Printed products, not elsewhere classified, including blank books, binders, and albums.....	29999

## 30 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 and headgear made of artificial fur ( <i>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</i> ).....	30200
Narrow-woven fabrics and related products.....	30310
Tufted carpets and other textile floor coverings .....	30321
Other Carpets and other textile floor coverings, not elsewhere classified .....	30329
Textile household furnishings, including bed linens, table linens, toilet linens, curtains, quilts, comforters, pillows, and cushions ( <i>excludes household furnishings of plastics,</i>	

<i>see 24225; of paper, see 28010; and of other non-textile materials)</i> .....	30330
Nonwoven and felt fabrics.....	30391
Impregnated, coated, covered, or laminated textile fabrics, including rubberized .....	30392
Other Textiles and textile articles, not elsewhere classified ( <i>except garnetted fibers, not further processed, see 41299</i> ).....	30399

➤ **Leather and articles of leather**

Footwear .....	30400
Leather including of sheep, or reptiles, chamois, metallized, patent, and composition leather and tanned or dressed fur skins. Exclude articles made of these materials, see 30502 and 30503.....	30501
Luggage, cases, and containers of leather or allied materials.....	30502
Other articles of leather, animal gut, or fur skins, not elsewhere classified, including apparel and clothing accessories, and saddlery (except leather sport gloves, see 40220).....	30503

**31 Non-Metallic Mineral Products**

➤ **Hydraulic cements**

Hydraulic cements .....	31100
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➤ **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 including sinks, urinals, and bathtubs.....	31291
Other Ceramic products, not elsewhere classified. ....	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, such as bottles, flasks, jars, pots, ampoules, preserving jars, and closures such as stoppers and lids.....	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
Other Glass and glass products, not elsewhere classified, including optical fibers, woven fabric, and articles ( <i>except non-woven products of glass</i>	

<i>fibers and other mineral wool, see 31993; excludes communications and similar insulated optical cable, see 35994; and stamped and molded transportation equipment parts, see 36405</i> ).....	31399
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➤ **Other non-metallic mineral products**

Worked monumental or building granite and articles..	31911
Other Worked monumental or building stone, such as limestone, marble, travertine, and articles including mosaic cubes, chippings, or powder, not elsewhere classified.....	31919
Asphalt shingles .....	31921
Other Articles of asphalt or of similar material, not elsewhere classified ( <i>excludes asphaltic mixtures, see 19930</i> ) .....	31929
Gypsum wallboard, sheets, and lath .....	31931
Other Plaster and articles of plaster, or of compositions based on plaster, not elsewhere classified.....	31939
Non-refractory mortars and concretes, wet .....	31941
Non-refractory mortars and concretes, dry .....	31942
Building blocks and bricks, of cement, concrete, or artificial stone.....	31951
Concrete pipes .....	31952
Prefabricated structural components of concrete.....	31953
Other Articles of cement, concrete, artificial stone, not elsewhere classified.....	31959
Quicklime, slaked lime, and hydraulic lime .....	31991
Exfoliated vermiculite, expanded clays, foamed slag, and similar expanded mineral materials .....	31992
Slag rock and similar mineral wools, and thin sheets, webs, mattresses, boards, and similar nonwoven products of glass-fibers.....	31993
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 including clutch facings and unmounted brake linings and pads.....	31994
Other Non-metallic mineral products, not elsewhere classified.....	31999

**32 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
Nickel in unwrought forms, in finished basic shapes, or in powders or granules.....	32492
Zinc in unwrought forms, in finished basic shapes, or in powders or granules.....	32493
Other Nonferrous metal not elsewhere classified in unwrought forms, in finished basic shapes, or in powders or granules, including foil and backed foil (excludes precious metals, see 40941).....	32499

### 33 Articles of Base Metal

#### ➤ Pipes, tubes, and fittings

Pipes and tubes of iron or steel.....	33111
Pipes and tubes of base metals other than iron and steel.....	33112
Pipe and tube fittings of iron or steel.....	33121
Pipe and tube fittings of base metals other than iron and steel.....	33122

#### ➤ Structures and structural parts

Metal doors and windows and their frames.....	33201
Other Metal structures and structural parts, not elsewhere classified, (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, razors, scissors, shears, swords, daggers, and similar arms (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)

Other Metal containers with a capacity not exceeding 300 liters (about 80 gallons), not elsewhere classified	
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(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 including wire, leaf, helical, disc, or hair, and miscellaneous fabricated wire products (except electrically insulated products, see 35994, and nails and staples, see 33310).....	33993
Other Articles of non-precious metal, not elsewhere classified (except backed or printed foil, see 324xx, and musical instruments, see 40992).....	33999

### 34 Machinery

#### ➤ Turbines, boilers, internal combustion engines, and other non-electric motors and 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
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
Other Non-electric engines and motors, not elsewhere classified, including fluid power, windmills, spring- or weight-operated engines and motors, and missile and rocket reaction engines.....	34222

#### ➤ Pumps, compressors, and fans, and ventilating or recycling hoods incorporating a fan

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, refrigerating, or freezing equipment

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

➤ **Materials-handling, excavating, boring, and related machinery and equipment**

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

Other Lifting, handling, loading, or unloading machinery, not elsewhere classified (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

➤ **Other Mechanical Machinery**

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 gear motors, 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

Other Machinery, not elsewhere classified..... 34999

**35 Electronic and Other Electrical Equipment and Components, and Office Equipment**

➤ **Electric motors, generators, generating sets, rotary converters, transformers, static converters, and inductors**

Electric motors, generators, generating sets, and rotary converters ..... 35110

Electric or electronic transformers, static converters including rectifiers, and inductors, and power supplies for small appliances and computers..... 35120

➤ **Electric, electrothermic, or electro-mechanical domestic appliances**

Electric cooking appliances including stoves, ranges, grills, deep-fat fryers, and microwave ovens ..... 35210

Electrothermic or electromechanical domestic appliances such as vacuum cleaners, food grinders, blenders, juicers, coffee maker, can openers, electrical heating resistors (except of carbon, see 35995), and personal appliances such as shavers, and toothbrushes (Exclude: 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 or telegraph apparatus and electronic entertainment products**

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

Other Line telephone and telegraph communication apparatus, not elsewhere classified, including telephones, fax machines, ISDN apparatus, modems, and parts for telephone switching apparatus (excludes cellular telephones, see 35700) ..... 35390

Electronic entertainment products, including televisions, radio broadcast receivers including satellite, disc players, digital recorders and playback

devices, amplifiers, speakers, and digital cameras  
(except parts of these goods, see 35820)..... 35400

➤ **Computer and office equipment**

Computer equipment, including mainframes, laptop units, processing units, monitors, and other data input and output devices such as fax/modem, and electronic reading devices (excluding parts) ..... 35510

Office equipment, such as point-of-sale devices, and word-processing machines, calculators, shredders, banknote dispensers  
(excludes photocopiers, see 38220, and facsimile machines, see 35390)..... 35520

➤ **Prepared unrecorded or pre-recorded media**

Unrecorded media, such as blank tapes, disks, or other mediums for audio, video, computer data, or other use  
(does not include photographic film, see 23400)..... 35610

Computer software..... 35621

Other Pre-recorded media, not elsewhere classified (includes records, tapes, and compact disks, but excludes software, see 35621, and photographic film, see 23400)..... 35629

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

➤ **Electronic components and parts**

Capacitors including power, resistors except heating but including variable resistor switches, and thermionic, cold-cathode, or photo-cathode valves and tubes, including vacuum, vapor, gas-filled, mercury-arc rectifying, cathode-ray, and television-camera  
(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 piezoelectric 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 35400, 35811, 35812, 35813, and 35814 above, including cabinets ..... 35820

➤ **Other electronic and electrical equipment**

Primary cells and primary batteries, including alkaline, nickel-cadmium, and lithium batteries ..... 35911

Secondary cells and storage batteries including motor vehicle and nickel-cadmium 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; spark plugs; and wiring sets used in vehicles, aircraft, or ships ..... 35991

Electrical lighting or signaling equipment, windshield wipers, or defrosters and demisters, used for motor vehicles or bicycles  
(exclude filament or discharge light bulbs, see 35993) 35992

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

Insulated electric conductors, (including wire), co-axial cables, and optical fiber cables  
(exclude 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 including electric heating resistors of carbon, battery carbons, lamp carbons, packing rings and seals, electrodes, and brushes..... 35995

Other electronic and electrical equipment and components, not elsewhere classified including electric conduits and fittings (except musical instruments, see 40992) ..... 35999

**36 Motorized and Other Vehicles (including parts)**

➤ **Vehicles for fewer than 10 people**

Automobiles and vans for fewer than 10 people, including military jeeps and automobiles lightly armored, or powered by an electric motor (EV), hybrid vehicles that use a battery powered electric motor in addition to gasoline powered engine for improved efficiency

(excludes: all-terrain vehicles, racing cars, ambulances, hearses, prison vans, and motor homes (excludes parts, see Motor vehicle parts, 364xx)..... 36101

Other Motor vehicles for fewer than 10 people, not elsewhere classified, including all-terrain vehicles, racing cars, ambulances, hearses, prison vans, and motor homes

(except vehicle parts, see 364xx; and snowmobiles, golf carts, in-plant personnel carriers, see 36399;

*motorcycles, see 36351; and armored fighting vehicles, see 36391*)..... 36109

➤ **Motor vehicles for the transport of goods and road tractors for semi-trailers, excluding parts**

Motor vehicles for transporting goods, (including vehicles used in construction, mining, agriculture, military and armored commercial trucks. .... 36210

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

➤ **Other vehicles**

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

Motor 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, motor scooters, and mopeds, and their parts (including side cars)..... 36351

Bicycles and other cycles, including unicycles and tricycles, and their parts ..... 36359

Trailers and semi-trailers and parts, including camping and library trailers ..... 36360

Armored fighting vehicles and their parts..... 36391

Other Vehicles, not elsewhere classified (including snowmobiles; golf carts and in-plant personnel carriers, segways (except their parts, see 364xx; and hand-carts, grocery carts, wheelbarrows, and their parts) ..... 36399

➤ **Motor vehicle parts (except motorcycles and armored fighting vehicles)**

Brakes (except unmounted brake linings and pads, see 31994)..... 36401

Gear boxes (except parts, see 36409) ..... 36402

Road wheels..... 36403

Metal, stampings such as bumper, fender, door, hood, trim, and hub cap ..... 36404

Other Parts for motor vehicles, not elsewhere classified, including seat belts and seat covers, trims, plastics grilles, suspension shock-absorbers, radiators, mufflers, exhaust pipes, clutches, axles, bumpers, and steering wheels.

(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 35992; ignition and starting equipment, see 35991; windshield wipers and defrosters, see 35992; seats, see 39029; and catalytic converters, see 34999)..... 36409

**37 Transportation Equipment, Not Elsewhere Classified.**

➤ **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 35991; windshield wipers and defrosters, see 35992; 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, including drilling or production platforms, lifeboats, inflatable rafts, buoys, and beacons (parts except for hulls should be classified according to what the article is) ..... 37320

**38 Precision Instruments and Apparatus**

➤ **Optical elements, instruments, and apparatus**

Eyewear including contact lenses and other lenses, goggles, and frames .....	38101
Other Optical elements, instruments, and apparatus, not elsewhere classified (except photographic, cinematographic, and photocopying equipment, see 38210 or 38220).....	38109
➤ <b>Photographic and photocopying machines</b>	
Photographic (including cinematographic) cameras, image projectors, enlargers, reducers, and projection screens; negatoscopes, and apparatus and equipment for film developing (excludes video, and digital cameras, see 35400) .....	38210
Photocopying and thermo-copying machines .....	38220
➤ <b>Surveying, hydrographic, oceanographic, hydrological, geophysical, drawing, or length-measuring instruments and appliances, and navigational and meteorological instruments and appliances except radar and other radio-type apparatus</b>	
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
➤ <b>Instruments and apparatus for medical, dental, veterinary, or similar purposes</b>	
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
Other Instruments, apparatus, and appliances for medical, surgical, dental, or veterinary sciences, or for similar purposes, not elsewhere classified (excludes furniture, see 39021; wheelchairs, see 40999; and wadding, bandages, etc., see 21000).....	38499
➤ <b>Instruments and apparatus for measuring, checking, testing, or controlling</b>	
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, not elsewhere classified .....	38599

### 39 Furniture, Mattresses and Mattress Supports, Lamps, Lighting Fittings, and Illuminated Signs

#### ➤ Furniture, mattresses and supports, lamps, and illuminated signs

<i>Mattresses and mattress supports (except inflatable and waterbed mattresses of plastics, see 24229, or of rubber, see 24399) .....</i>	39011
Other Household or office furniture, not elsewhere classified, 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
Other Furniture, not elsewhere classified .....	39029
Lamps, lighting fittings, and illuminated signs or name plates (except for motor vehicles, see 35992) .....	39030

### 40 Miscellaneous Manufactured Products

#### ➤ Arms and ammunition

Arms (excludes swords, daggers, etc., see 33322) .....	40110
Munitions and ammunition, including bombs, grenades, and missiles .....	40120
Toys, games, and baby carriages. Including dolls, stuffed animals, models, construction sets, video games and cartridges, electronic game consoles, coin-operated arcade games, puzzles, and bingo equipment .....	40210
Sporting equipment including pool tables, bowling alley equipment such as pin-setting machines, and protective clothing and head gear such as pads, gloves, mittens, and helmets.....	40220

#### ➤ Miscellaneous manufactured products

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 (except amplifiers, see 35400, and mixing and editing boards, see 35920).....	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
Other Miscellaneous manufactured products, not elsewhere classified .....	40999

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

➤ **Metallic waste and scrap**

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

➤ **Non-metallic waste and scrap, except from food processing**

Sawdust and wood waste and scrap.....	41210
Waste and scrap of paper or paperboard.....	41220
Waste and scrap of glass.....	41291
Other Non-metallic waste and scrap, not elsewhere classified .....	41299

**43 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