

**Commodity Classification in 1997**  
**Standard Classification of Transported Goods (SCTG) Codes**

The Bureau of Transportation Statistics

September 24, 1997

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**Forward**

Prior to data collection for the 1997 Commodity Flow Survey (CFS), the Bureau of Transportation Statistics (BTS) sponsored the development of a new product classification called the Standard Classification of Transported Goods (SCTG), which is presented here in seven sections, followed by the SCTG tables.

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**1. Background**

The Standard Classification of Transported Goods (SCTG) has been created jointly by agencies of the United States (U.S.) and Canadian governments to address statistical needs that the U.S. and Canada share in common, and to meet the individual needs of each country in regard to products transported. The U.S. effort has been led by the Volpe National Transportation Systems Center (Volpe Center) under the sponsorship of the United States Department of Transportation's (DOT) Bureau of Transportation Statistics (BTS). The Canadian effort has been led by the Standards and Transportation Divisions of Statistics Canada.

The specific goals that the SCTG has been designed to address include:

1. Improvement of the product categories used for collecting and reporting U.S. CFS data;
2. Creation of integrated product categories for reporting Canadian marine, truck, and rail freight data; and
3. Capability to directly compare Canadian and U.S. freight movement data.

## **U.S. Interest in an Improved Product Code for Transported Goods**

In the past, CFS data have been collected and reported using product classifications found in the Standard Transportation Commodity Classification (STCC). These classifications were developed in the early 1960s by the American Association of Railroads (AAR) to analyze commodity movements by rail only. The original purpose of the STCC was for identification of commodities for purposes of assigning rates for ICC-regulated rail carriers. The STCC continues to be used by the AAR as a tariff mechanism.

At the time that the Commodity Transportation Survey (the CTS--the predecessor of the CFS) was first conducted in 1963, STCC codes were still useful for analyzing most important aspects of the U.S. transportation system. Since then, many changes have taken place that have gradually made the STCC code less useful for tracking domestic product movements across all modes (although it remains perfectly functional for tracking rail-only movements). These include the de-regulation of trucking, the enactment of North American Free Trade Agreement (NAFTA), changes in logistics practices, the emergence of plastics and composite materials to replace metals and glass, the obsolescence of many categories of wood products, and the very rapid recent development of high-tech electronic goods. Because the CFS is a shipper survey, the CFS collects information about shipments moving on all modes. As a consequence, STCC classifications frequently provide inadequate detail for identifying products that are significant for modes such as truck and air. Hence, BTS has sponsored the development of a new product code to collect and report CFS data.

## **Canadian Interest in an Improved Product Code for Transported Goods**

Prior to 1997, Canada compiles domestic freight data according to three different classifications. Statistics Canada used the Standard Commodity Classification (SCC), the former Statistics Canada commodity standard, to compile rail and truck data, and the Standard Classification of Goods (SCG) to compile marine data (the SCG is Canada's extension of the Harmonized System, HS). Although rail and truck data were based on the same product classification, these data were not grouped in the same way. Truck data were based directly on the SCC, whereas rail data were obtained by converting STCC classifications to the SCC. Because of this proliferation of product classifications, it has been difficult for Canadian analysts to compare the transportation of domestic goods intermodally.

## **U.S.-Canadian Interest in Using the Same Product Code for Freight Analysis**

Following the adoption of the SCTG for use by both U.S. and Canada, international shipments between the two countries will be directly comparable for the first time ever. This first step is expected to make an important contribution to a smoothly functioning post-NAFTA environment. In time, it will be important to include Mexican Product groupings under the SCTG as well.

Because the HS is the predominant product coding system currently in use worldwide, adopting a system that is HS-based will also assist in tracking international trade, generally defined.

## 2. Who Developed the First SCTG?

The initial SCTG has been developed by a team of analysts from the U.S. Department of Transportation's (DOT) Volpe National Transportation Systems Center (Volpe Center) and Standards and Transportation Divisions of Statistics Canada. Staff at the U.S. Bureau of the Census (BOC) and the U.S. Bureau of Economic Analysis (BEA) have also provided very valuable support and guidance to the product classification team. Participants at a July 1995 Conference at the Volpe Center also helped shape the direction of future activities for the new code.

The Volpe Center staff included Nat Bottigheimer and Barbara Eversole, under the direction of Mike Rossetti. The Volpe Center's effort has been sponsored by the DOT's Bureau of Transportation Statistics (BTS), under the direction of Rolf Schmitt.

Staff from Statistics Canada included Keith Hannett and Andreas Trau of Standards Division, under the direction of Shaila Nijhowne, and Louis Pierre, under the direction of Michel Cloutier and Tricia Trepanier of Transportation Division.

The BOC staff who have provided technical support, advice, and feedback included James M. Aanestad, Assistant Chief for Current Services and Transportation Programs, John Fowler, Chief of the Commodity Flow Survey Branch, and Pamela Powell-Hill. BEA's Paula Young, Senior Economist in the Office of the Director, Chief Statistician Staff, has also provided very valuable feedback to the product classification team.

## 3. Hierarchical Features

The SCTG employs a five-digit numbering system, the structure of which is hierarchical. The hierarchy has four levels, each of which follows two important principles. First, each level covers the universe of transported goods. Second, the commodities in a given classification of a given level are mutually exclusive of those in any other classification of that level.

| Level | Structure |
|-------|-----------|
| I     | XX        |
| II    | XXX       |
| III   | XXXX      |
| IV    | XXXXX     |

Each individual product classification in the SCTG is based on building blocks provided by the Harmonized Commodity Description and Code System (HS) or the Standard Classification of Goods (the SCG, Canada’s extension of the HS). In addition, individual product classifications in the SCTG have been designed to create statistically significant categories for transportation analysis, i.e., there is some aspect of the transportation system for which the goods in each SCTG product classification are significant.

**Meaning of Product Classifications at Different Levels**

The first, or two-digit, level of the SCTG consists of product categories, which have been designed to emphasize the link between industries and their outputs. The second, or three-digit, level of the SCTG is designed to provide data for Canada- U.S. comparisons. Categories specified at this level consist of commodities or commodity groups for which very significant product movement levels have been recorded in both the United States (U.S.) and Canada. The third, or four-digit, level of the SCTG is designed to provide data for domestic freight transportation analyses. Four-digit categories may be of major data significance to either the U.S. or Canada, but not necessarily to both countries. The fourth, or five-digit, level of the SCTG is designed to provide categories for collecting (and potentially reporting) freight movement data. Five-digit categories are of relevance but not major data significance to either the U.S. or Canada. Product codes at the five-digit level have been designed to create statistically significant categories for transportation analysis.

**Example of SCTG Hierarchy**

|       |                                                                                                                                                  |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 27    | Pulp, newsprint, paper, and paperboard                                                                                                           |
| 273   | Uncoated paper and paperboard in large rolls or sheets                                                                                           |
| 2731  | Paper                                                                                                                                            |
| 27312 | Toilet or facial tissue stock, towel or napkin stock, and similar paper stock used for household or sanitary purposes, in large rolls or sheets. |

**4. Advantages**

**Useful for Multimodal Analysis**

Product classifications in the SCTG reflect the movement of goods by all modes rather than a single mode, the Standard Transportation Commodity Classification (STCC) emphasizes goods that move by regulated rail only. The goods most important to each mode of freight transportation have been included, with importance measured by the characteristics of weight, value, and shipment distance.

## **Statistical Significance of Product Classifications**

Product classifications at the SCTG's five-digit level have been designed to create statistically significant categories for transportation analysis, i.e., there is some aspect of the transportation system to which the goods in each SCTG product classification are significant. As indicated above, significance has been measured by using the product shipment characteristics of weight, value, and shipment distance.

It is hoped that this characteristic of the SCTG will lead to the eventual publication of national-level Commodity Flow data at the SCTG's five-digit level. However, issues related to data disclosure may prevent the Census Bureau from releasing such data, even taking this improvement into consideration.

## **Reduced Respondent Burden**

The SCTG has fewer than half the five-digit codes that the STCC has at the five-digit level. As a result, the burden to respondents of using the SCTG should be significantly less than the burden of using five-digit STCC codes.

For the reasons outlined above, the SCTG achieves this reduction in burden while offering a greater range of products than the STCC code offers, and while offering product categories that are more statistically significant than those provided by the STCC at the five-digit level.

## **Comparability of CFS Data to U.S. Imports Data**

Domestic imports data are collected using a ten-digit product classification that is an extension of the Harmonized System (HS). Because the SCTG and the U.S. import codes are both based on the HS, linkages between U.S. imports data and CFS data collected using the SCTG should be of very high quality.

It should be noted that in a very small number of cases, there may only be partial linkages between U.S. imports data and SCTG-based CFS data. It should also be noted that the use of the term "comparability" here does not mean that imports would ever be included within the scope of the CFS. It simply means that already-existing imports data for a particular region could be compared to CFS data for the same region as a way of understanding links between international and domestic product flows.

## **Comparability of SCTG Two-digit Data to Two-Digit Standard Industrial Classification (SIC) and North American Industrial Classification System (NAICS) Data**

Product classifications at the SCTG's two-digit level have been designed to link to industry classifications at the two-digit level of the SIC and the NAICS. It is expected that this linkage will eventually make it possible to compare local and regional establishment-based measures such as employment, payroll, revenues, etc. (which are organized according to type of industry) with trends in the shipment of products.

## **U.S.-Canadian Product Flow Comparability**

Because the U.S. and Canada will each use the SCTG for analysis of domestic freight movements, international shipments between the U.S. and Canada will be directly comparable for the first time ever, and comparisons can be made regarding U.S.-Canadian freight mode-splits and other freight transport characteristics.

## **Unification of Canadian Transportation Commodity Classification**

Because the SCTG can be used by all Canadian modes to report data, it will unify the reporting of Canadian freight transportation data and will make it possible to compare Canadian freight transportation data intermodally.

## **5. Data Continuity**

The SCTG development team has strived to develop a new product code that is as compatible as possible with data collected using Standard Transportation Commodity Classification (STCC) commodity classifications. In certain areas, however, Harmonized System (HS)-based product definitions simply do not concord well with product categories used by the STCC. In some of these cases, the SCTG development team has broken with the organization of HS product classifications to follow STCC coding principles, and in others the team has abandoned the organizing principles of the STCC to follow HS coding principles. In all cases, the SCTG development team has given more weight future data collection and reporting efforts than to continuity with historically used product categories.

To link STCC-based historical CFS data with SCTG-based future CFS data, the SCTG development team will develop a concordance of STCC product categories to SCTG product categories. This concordance will be made available in time to compare 1997 CFS results with data from previous surveys.

It should be noted, however, that in any transition from one classification code to another, discontinuities in class definitions may result in some imprecise comparisons of pre-change and post-change data. As inescapable as these discontinuities are, the proposed STCC-SCTG concordance will aim to provide guidelines that minimize these concerns.

## **6. Hazardous Materials**

The Standard Classification of Transportable Goods (SCTG) does not include any designations for hazardous materials, as such. This is because there is no codifiable connection between hazardous materials and the Harmonized System (HS) categories used to construct the SCTG. The Standard Transportation Commodity Classification (STCC) contains separate categories for hazardous materials. The Organization for Economic Cooperation and Development (OECD) has produced a list of about 3,000 categories that are identified as being hazardous, but none of these categories are HS-based.

To identify shipments of hazardous materials, the survey form will prompt respondents to indicate whether their shipments include hazardous materials that require placarding.

## **7. Classification According to Transportation Characteristics**

As indicated in **3. Hierarchical Features** (above), each product classification in the Standard Classification Transportable Goods (SCTG) is based on building blocks from the Harmonized Commodity Description and Coding System (HS) product classifications, or on product classifications from the Standard Classification of Goods (the SCG, Canada's extension of the HS).

The HS and SCG provide thousands of categories from which to select for the purpose of developing the SCTG. To create a product classification that would be useful for transportation analysis (i.e., a code with between 500 and 600 detailed product classifications), only a fraction of the product classifications and product categories in these two codes could be used without being combined with other product classifications.

To winnow down the number of HS and SCG product classifications, the SCTG development team employed several criteria. The most important of these was importance to transportation analysis.

Specifically, HS and SCG building blocks were organized to form detailed product classifications that would have significance based on the product shipment characteristics of weight, value, and shipment distance. The SCTG development team used a number of different U.S. and Canadian freight data sources to assess the significance of SCTG product categories.

Other important criteria used to create the SCTG include the following:

### **Adherence to the organization of the HS hierarchy**

When constructing the SCTG product codes, the code development team tried as much as possible to keep HS and SCG building block codes from the same HS/SCG chapters together with one another (e.g., all codes in HS chapter 56 kept together, all codes in HS chapter 57 kept together, etc.) In areas where this goal clashed with other classification criteria, the SCTG development team reached a consensus decision regarding reorganization. As a result, reviewers

will note that, for example, motor vehicle engines have been separated from other engines in HS Chapter 84 and placed with motor vehicle parts and accessories from HS Chapter 87. A similar re-organization has taken place for waste and scrap materials, which have been separated from their HS chapters of origin and collected together at the end of the SCTG.

### **Comparability with industry classification codes**

As much as possible, SCTG codes were designed to be comparable with categories in the Standard Industrial Classification (SIC) and North American Industrial Classification System (NAICS) industry classification codes. SCTG two-digit codes were specifically designed to be comparable with the two-digit levels of the SIC and the NAICS. SCTG five-digit codes were also created with an eye to comparability with industries of origin, but comparability of products to industries of origin was NOT an over-riding concern. As reviewers may note, a number of product categories (especially residual categories) contain goods produced by more than one industry.

### **Standard Classification of Transported Goods (SCTG) Codes Tables**

The SCTG is organized in a hierarchical structure. On the pages that follow, you will find the 2-Digit, 3-Digit, 4-Digit, and 5-Digit code tables.

The tables reproduced below will also be attached to the repository record for this document as .TSV files for easy use in data analysis settings. Other formats may also be included. Please look for supplemental files in the repository record.

**Abbreviation note:** N.E.C. or n.e.c. = “Not Elsewhere Classified”

## SCTG Two Digit Codes

| <b>Code</b> | <b>Description</b>                                                                           |
|-------------|----------------------------------------------------------------------------------------------|
| 00          | All commodities                                                                              |
| 01          | Live animals and live fish                                                                   |
| 02          | Cereal grains                                                                                |
| 03          | Other agricultural products                                                                  |
| 04          | Animal feed and products of animal origin, n.e.c.                                            |
| 05          | Meat, fish, seafood, and their preparations                                                  |
| 06          | Milled grain products and preparations, and bakery products                                  |
| 07          | Other prepared foodstuffs and fats and oils                                                  |
| 08          | Alcoholic beverages                                                                          |
| 09          | Tobacco products                                                                             |
| 10          | Monumental or building stone                                                                 |
| 11          | Natural sands                                                                                |
| 12          | Gravel and crushed stone                                                                     |
| 13          | Nonmetallic minerals, n.e.c.                                                                 |
| 14          | Metallic ores and concentrates                                                               |
| 15          | Coal                                                                                         |
| 17          | Gasoline and aviation turbine fuel                                                           |
| 18          | Fuel oils                                                                                    |
| 19          | Coal and petroleum products, n.e.c.                                                          |
| 20          | Basic chemicals                                                                              |
| 21          | Pharmaceutical products                                                                      |
| 22          | Fertilizers                                                                                  |
| 23          | Chemical products and preparations, n.e.c.                                                   |
| 24          | Plastics and rubber                                                                          |
| 25          | Logs and other wood in the rough                                                             |
| 26          | Wood products                                                                                |
| 27          | Pulp, newsprint, paper, and paperboard                                                       |
| 28          | Paper or paperboard articles                                                                 |
| 29          | Printed products                                                                             |
| 30          | Textiles, leather, and articles of textiles or leather                                       |
| 31          | Nonmetallic mineral products                                                                 |
| 32          | Base metal in primary or semi-finished forms and in finished basic shapes                    |
| 33          | Articles of base metal                                                                       |
| 34          | Machinery                                                                                    |
| 35          | Electronic and other electrical equipment and components, and office equipment               |
| 36          | Motorized and other vehicles (including parts)                                               |
| 37          | Transportation equipment, n.e.c.                                                             |
| 38          | Precision instruments and apparatus                                                          |
| 39          | Furniture, mattresses and mattress supports, lamps, lighting fittings, and illuminated signs |
| 40          | Miscellaneous manufactured products                                                          |
| 41          | Waste and scrap                                                                              |
| 43          | Mixed freight                                                                                |
| 99          | Commodity unknown                                                                            |

## SCTG Three Digit Codes

| <b>Code</b> | <b>Description</b>                                                                                                                                              |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 000         | All commodities                                                                                                                                                 |
| 010         | Live animals and live fish                                                                                                                                      |
| 021         | Wheat                                                                                                                                                           |
| 022         | Corn, except sweet                                                                                                                                              |
| 029         | Other cereal grains                                                                                                                                             |
| 031         | Fresh or chilled potatoes (Irish potatoes), except sweet                                                                                                        |
| 032         | Fresh or chilled edible vegetables except potatoes (Irish potatoes), and dried vegetables                                                                       |
| 033         | Fresh, chilled, or dried edible fruit and nuts                                                                                                                  |
| 034         | Soya beans                                                                                                                                                      |
| 035         | Oil seeds and nuts, except olives and soya beans                                                                                                                |
| 036         | Bulbs, live plants, and seeds for sowing, n.e.c.                                                                                                                |
| 039         | Fresh-cut flowers, plants, and parts of plants, and other agricultural products except forage products and cereal straw or husks                                |
| 041         | Cereal straw or husks, forage products, residues and waste from the food industries used in animal feeding, and eggs and other products of animal origin n.e.c. |
| 042         | Animal feed preparations                                                                                                                                        |
| 051         | Meat including poultry, except preparations                                                                                                                     |
| 052         | Fish, except live, and seafood, except preparations                                                                                                             |
| 053         | Preparations, extracts, and juices of meat, fish, or seafood                                                                                                    |
| 061         | Wheat flour, groats, and meal                                                                                                                                   |
| 062         | Malt, starches, inulin, wheat gluten, and milled or otherwise worked grains except wheat flour, groats, and meal                                                |
| 063         | Food preparations of cereals, flour, starch, or milk                                                                                                            |
| 064         | Bakery products                                                                                                                                                 |
| 071         | Dairy products, except chocolate milk, eggnog, and food preparations of milk                                                                                    |
| 072         | Processed or prepared vegetables, fruit, or nuts, except dried or milled, and juices                                                                            |
| 073         | Coffee, tea, and spices, except unprocessed coffee and unfermented tea                                                                                          |
| 074         | Animal or vegetable fats and oils and their cleavage products, prepared edible fats, animal or vegetable waxes, and flours and meals of oil seeds               |
| 075         | Cane, beet, and other sugars in solid form, sugar syrups not containing added flavoring or coloring matter, and molasses                                        |
| 076         | Confectionery, cocoa, and cocoa preparations                                                                                                                    |
| 077         | Edible preparations, n.e.c. and vinegar                                                                                                                         |
| 078         | Nonalcoholic beverages, n.e.c. and ice                                                                                                                          |
| 081         | Malt Beer                                                                                                                                                       |
| 082         | Wine and other fermented beverages                                                                                                                              |
| 083         | Spirituos beverages and ethyl alcohol                                                                                                                           |
| 090         | Tobacco products                                                                                                                                                |
| 100         | Monumental or building stone, except dolomite                                                                                                                   |
| 110         | Natural sands, except metal-bearing                                                                                                                             |
| 120         | Gravel and crushed stone, except dolomite and slate                                                                                                             |
| 131         | Salt                                                                                                                                                            |
| 132         | Natural calcium phosphates, natural aluminum-calcium phosphates, and phosphatic chalk                                                                           |
| 133         | Dolomite                                                                                                                                                        |

- 139 Other nonmetallic minerals
- 141 Iron ores and concentrates
- 149 Other metallic ores and concentrates
- 151 Non-agglomerated bituminous coal
- 159 Other coal
- 171 Gasoline
- 172 Aviation turbine fuel (types A and B)
- 180 Fuel oils
- 191 Lubricating oils and greases
- 192 Refined petroleum oils and oils obtained from bituminous minerals, n.e.c.
- 193 Gaseous hydrocarbons
- 199 Other products of petroleum refining, and coal products
- 201 Sodium hydroxide (caustic soda) and potassium hydroxide (caustic potash)
- 202 Inorganic chemicals, n.e.c.
- 203 Cyclic hydrocarbons
- 204 Phenols, phenol-alcohols, aldehydes, cyclic polymers of aldehydes, paraformaldehyde, ketones, quinones, organic acids, and acyclic alcohols
- 205 Organic chemicals, n.e.c.
- 210 Pharmaceutical products
- 220 Fertilizers and fertilizer materials
- 231 Paints and varnishes, tanning or dyeing extracts, tannins and their derivatives, dyes, putty and other mastics, inks, and coloring matter except pigments and synthetic organic dyes, lakes, and toners
- 232 Essential oils and resinoids, and perfumery, cosmetic, or toilet preparations
- 233 Soap, organic surface-active agents, cleaning preparations, polishes and creams, and scouring preparations
- 234 Photographic film, plates, paper, paperboard, or textiles, and chemical preparations for photographic use
- 235 Insecticides, rodenticides, fungicides, herbicides, anti-sprouting products, plant-growth regulators, disinfectants, and similar products, in packages for retail sale or as preparations or articles
- 239 Other chemical products and preparations
- 241 Plastics in primary forms, rubber in primary forms or sheets, and unvulcanized compounded rubber
- 242 Manmade fibers and plastics basic shapes and articles
- 243 Rubber articles
- 250 Logs and other wood in the rough
- 261 Wood chips or particles
- 262 Lumber, wood continuously shaped along any of its edges or faces, and shingles and shakes
- 263 Veneer sheets and sheets for plywood, particle board, fiberboard, plywood, veneered panels, and similar boards of ligneous material or laminated wood
- 264 Builders joinery and carpentry of wood, except shingles and shakes
- 269 Other wood products
- 271 Pulp of fibrous cellulosic materials
- 272 Newsprint in large rolls or sheets

- 273 Uncoated paper and paperboard in large rolls or sheets
- 274 Coated, impregnated, treated, or worked paper and paperboard, in large rolls or sheets
- 280 Paper or paperboard articles
- 291 Printed books, brochures, leaflets, and similar printed products
- 292 Newspapers, journals, and periodicals
- 293 Advertising material, commercial or trade catalogues, and similar printed products
- 299 Other printed products
- 301 Textile fibers, yarns, and broadwoven or knitted fabrics, except coated or treated
- 302 Textile clothing and accessories, and headgear, except safety
- 303 Textiles and textile articles, n.e.c.
- 304 Footwear
- 305 Leather and articles, luggage of related materials, and dressed furskins and articles
- 311 Hydraulic cements
- 312 Ceramic products
- 313 Glass and glass products
- 319 Other nonmetallic mineral products
- 321 Iron and steel in primary forms, in semi-finished forms, or in powders or granules, and ferro-alloys
- 322 Flat-rolled products of iron or steel
- 323 Bars, rods, angles, shapes, sections, and wire, of iron or steel
- 324 Non-ferrous metal except precious, in unwrought forms, in finished basic shapes, or in powders or granules
- 331 Pipes, tubes, and fittings
- 332 Structures and parts, except prefabricated buildings
- 333 Hand tools, cutlery except of precious metals, interchangeable tools for hand- or machine-tools, hardware, and industrial fasteners
- 339 Other articles of metal
- 341 Internal-combustion piston engines
- 342 Turbines, boilers, nuclear reactors, and non-electric engines and motors except internal-combustion piston engines
- 343 Pumps, compressors, and fans, and ventilating or recycling hoods incorporating a fan
- 344 Air-conditioning, refrigerating, or freezing equipment
- 345 Materials-handling, excavating, boring, and related machinery and equipment
- 349 Other machinery
- 351 Electric motors, generators, generating sets, rotary converters, transformers, static converters, and inductors
- 352 Electric cooking appliances and other electro-thermic or electro-mechanical domestic appliances
- 353 Line telephone or telegraph apparatus
- 354 Electronic entertainment products, except parts
- 355 Computer and office equipment
- 356 Prepared unrecorded or prerecorded media
- 357 Transmission apparatus for radio or television broadcasting, radio transmission and reception apparatus, radar apparatus, radio navigational-aid apparatus, and radio remote-control apparatus, except radio broadcast receivers and parts
- 358 Electronic components and parts

- 359 Other electronic and electrical equipment
- 361 Motor vehicles for the transport of less than 10 people except motorcycles, armored fighting vehicles, snowmobiles, golf carts and similar vehicles, and parts
- 362 Motor vehicles for the transport of goods and road tractors for semi-trailers, except parts
- 363 Other vehicles
- 364 Parts and accessories for motor vehicles except motorcycles and armored fighting vehicles
- 371 Locomotives and rolling stock, railway track fixtures and fittings, mechanical or electro-mechanical traffic-signaling equipment, and inter-modal containers
- 372 Aircraft and spacecraft
- 373 Ships, boats, and floating structures
- 381 Optical elements, instruments, and apparatus, except photographic and photocopying equipment and optical instruments and apparatus for measuring or checking
- 382 Photographic and photocopying machines
- 383 Surveying, hydrographic, oceanographic, hydrological, geophysical, drawing, or length-measuring instruments and appliances, and navigational or meteorological instruments and appliances except radar and other radio-type apparatus
- 384 Instruments, apparatus, and appliances for medical, surgical, dental, or veterinary sciences, or for similar purposes
- 385 Meters and other instruments and apparatus for measuring, checking, testing, or controlling
- 390 Furniture, mattresses and mattress supports, lamps, lighting fittings, and illuminated signs
- 401 Arms and ammunition
- 402 Toys, games, and sporting equipment
- 409 Miscellaneous manufactured products
- 411 Metallic waste and scrap
- 412 Non-metallic waste and scrap, except from food processing
- 439 Mixed freight
- 999 Commodity unknown

## SCTG Four Digit Codes

| <b>Code</b> | <b>Description</b>                                                                                                            |
|-------------|-------------------------------------------------------------------------------------------------------------------------------|
| 0000        | All commodities                                                                                                               |
| 0100        | Live animals and live fish                                                                                                    |
| 0210        | Wheat                                                                                                                         |
| 0220        | Corn, except sweet                                                                                                            |
| 0290        | Other cereal grains                                                                                                           |
| 0310        | Fresh or chilled potatoes (Irish potatoes), except sweet                                                                      |
| 0321        | Fresh or chilled vegetables, except potatoes (Irish potatoes)                                                                 |
| 0322        | Dried vegetables                                                                                                              |
| 0331        | Fresh or chilled citrus fruit                                                                                                 |
| 0332        | Fresh or chilled edible fruit, except citrus                                                                                  |
| 0333        | Dried fruit                                                                                                                   |
| 0334        | Fresh or dried nuts                                                                                                           |
| 0340        | Soya beans                                                                                                                    |
| 0350        | Oil seeds and nuts, except olives and soya beans                                                                              |
| 0360        | Bulbs, live plants, and seeds for sowing n.e.c.                                                                               |
| 0391        | Fresh-cut flowers                                                                                                             |
| 0392        | Unmanufactured tobacco                                                                                                        |
| 0393        | Raw cotton not carded or combed                                                                                               |
| 0399        | Other                                                                                                                         |
| 0411        | Cereal straw or husks and forage products                                                                                     |
| 0412        | Inedible flours, meals, and pellets of meat, fish, or seafood, and greaves                                                    |
| 0413        | Bran, sharps, and other residues of cereals or leguminous plants                                                              |
| 0414        | Oil cake and other solid residues from the manufacture of vegetable fats or oils                                              |
| 0419        | Other                                                                                                                         |
| 0421        | Dog or cat food put up for retail sale                                                                                        |
| 0429        | Other including complete feeds, premixes, bird seed, fish food, and feed supplements                                          |
| 0511        | Fresh, chilled, or frozen, except poultry                                                                                     |
| 0512        | Fresh, chilled, or frozen poultry                                                                                             |
| 0513        | Meat, salted, in brine, dried, or smoked, edible flours and meals, and pig and poultry fat, not rendered                      |
| 0520        | Fish, except live, and seafood, except preparations                                                                           |
| 0531        | Of meat, including poultry                                                                                                    |
| 0532        | Of fish or seafood                                                                                                            |
| 0610        | Wheat flour, groats, and meal                                                                                                 |
| 0621        | Malt                                                                                                                          |
| 0629        | Other                                                                                                                         |
| 0631        | Pasta, including stuffed, canned, frozen, or dried, and couscous                                                              |
| 0632        | Breakfast cereal foods, rice cakes, and similar prepared foods obtained by swelling or roasting of cereals or cereal products |
| 0639        | Other                                                                                                                         |
| 0641        | Baked snack foods                                                                                                             |
| 0642        | Frozen baked products                                                                                                         |
| 0643        | Perishable or dry baked products                                                                                              |
| 0711        | Milk and cream                                                                                                                |

0712 Cheese and curds  
 0713 Ice cream or ice milk and their novelties, water ices, and sherbets  
 0719 Other  
 0721 Frozen vegetables and vegetable preparations  
 0722 Processed or prepared vegetables, except frozen, dried, or milled  
 0723 Processed or prepared fruit and nuts, except dried  
 0724 Juices except those fortified with vitamins or minerals, but including mixtures  
 0730 Coffee, tea, and spices, except unprocessed coffee and unfermented tea  
 0741 Animal fats and oils and their fractions, not chemically modified  
 0742 Fixed vegetable fats and oils and their fractions, not chemically modified  
 0743 Chemically modified fats and oils, prepared edible fats, and animal or vegetable waxes  
 0744 Flours and meals of oil seeds, except of mustard  
 0750 Cane, beet, and other sugars in solid form, sugar syrups not containing added flavoring or coloring matter, and molasses  
 0761 Confectionery  
 0762 Cocoa beans, paste, butter, and powder, and cocoa preparations  
 0771 Sauces, mixed condiments and seasonings, prepared mustard, and mustard flours and meals  
 0772 Soups and broths and their preparations and baby or dietetic food preparations  
 0773 Syrups and concentrates, and flavoring powders, extracts, or essences  
 0779 Other  
 0781 Sweetened or flavored water  
 0789 Other  
 0810 Malt beer  
 0820 Wine and other fermented beverages  
 0831 Undenatured ethyl alcohol of a strength by volume of 80 percent volume or higher and denatured ethyl alcohol of any strength  
 0832 Undenatured ethyl alcohol of an alcoholic strength by volume of less than 80 percent volume, spirits, and liqueurs and other spirituous beverages  
 0901 Cigarettes  
 0909 Other  
 1001 Calcareous monumental or building stone  
 1002 Monumental or building stone, except calcareous and dolomite  
 1101 Silica sands and quartz sands, for construction use  
 1102 Silica sands and quartz sands, for uses other than construction, and other sands  
 1201 Limestone and chalk (calcium carbonate)  
 1202 Gravel and crushed stone, except dolomite, slate, and limestone  
 1310 Salt  
 1320 Natural calcium phosphates, natural aluminum-calcium phosphates, and phosphatic chalk  
 1330 Dolomite  
 1391 Sulphur, except sublimed, precipitated, and colloidal  
 1392 Clays  
 1399 Other  
 1410 Iron ores and concentrates  
 1491 Copper  
 1499 Other

- 1510 Non-agglomerated bituminous coal
- 1591 Non-agglomerated anthracite
- 1592 Non-agglomerated lignite, except jet
- 1593 Agglomerated coal
- 1710 Gasoline
- 1720 Aviation turbine fuel (types A and B)
- 1800 Fuel oils
- 1910 Lubricating oils and greases containing by weight 70 percent or more of petroleum oils or oils obtained from bituminous minerals
- 1920 Refined petroleum oils and oils obtained from
- 1931 Liquefied natural gas
- 1932 Liquefied gaseous hydrocarbons, except liquefied natural gas
- 1933 Gaseous hydrocarbons in a gaseous state
- 1991 Coal coke, petroleum coke, and retort carbon
- 1992 Petroleum asphalt
- 1993 Bituminous mixtures based on natural asphalt, natural bitumen, petroleum asphalt, mineral tar, or mineral-tar pitch, and tarred macadam
- 1999 Other
- 2010 Sodium hydroxide (caustic soda) and potassium hydroxide (caustic potash)
- 2021 Sublimed, precipitated, or colloidal sulphur
- 2022 Inorganic acids, except nitric and phosphoric
- 2023 Aluminum oxide and aluminum hydroxide
- 2024 Industrial gases
- 2025 Sodium or potassium compounds, n.e.c.
- 2026 Metal compounds, n.e.c.
- 2029 Other
- 2030 Cyclic hydrocarbons
- 2041 Acyclic alcohols
- 2042 Phenols, phenol-alcohols, aldehydes, cyclic polymers of aldehydes, paraformaldehyde, ketones, and quinones
- 2043 Organic acids
- 2050 Organic chemicals, n.e.c.
- 2100 Pharmaceutical products
- 2201 Animal or vegetable fertilizers and fertilizers produced by the mixing or chemical treatment of animal or vegetable products
- 2202 Nitrogenous mineral or chemical fertilizers
- 2203 Phosphatic mineral or chemical fertilizers
- 2204 Potassic mineral or chemical fertilizers
- 2209 Other
- 2311 Paints and varnishes
- 2312 Vegetable tanning or dyeing extracts and coloring matter, tannins and their derivatives, putty and other mastics, animal coloring matter, powdered glass, household dyes, specialty preparations for paint, glass, and similar bases, and inks
- 2320 Essential oils and resinoids, and perfumery, cosmetic, or toilet preparations
- 2330 Soap, organic surface-active agents, cleaning preparations, polishes and creams, and scouring preparations

- 2340 Photographic film, plates, paper, paperboard, or textiles, and chemical preparations for photographic use
- 2350 Insecticides, rodenticides, fungicides, herbicides, anti-sprouting products, plant-growth regulators, disinfectants, and similar products, in packages for retail sale or as preparations or articles
- 2390 Other chemical products and preparations
- 2410 Plastics in primary forms, rubber in primary forms or sheets, and unvulcanized compounded rubber
- 2421 Manmade fibers and plastics basic shapes
- 2422 Articles
- 2431 Tires and related products
- 2439 Other
- 2501 Logs for pulping (pulpwood)
- 2502 Logs for lumber
- 2509 Other
- 2610 Wood chips or particles
- 2621 Lumber
- 2622 Wood continuously shaped along any of its edges or faces and shingles and shakes
- 2631 Veneer sheets and sheets for plywood
- 2632 Particle board, fiberboard, and similar board of wood or other ligneous materials
- 2633 Plywood, veneered panels, and similar laminated wood
- 2640 Builders joinery and carpentry of wood, except shingles and shakes
- 2690 Other wood products
- 2711 Mechanical wood pulp
- 2712 Non-dissolving grades of soda or sulphate chemical wood pulp
- 2719 Other
- 2720 Newsprint in large rolls or sheets
- 2731 Paper
- 2732 Paperboard
- 2741 Paper
- 2742 Paperboard
- 2801 Toilet paper, facial tissues, paper towels and napkins, sanitary napkins and tampons, disposable diapers, and similar household, sanitary, or hospital articles of paper pulp, paper, cellulose wadding, or webs of cellulose fibers
- 2802 Packing containers of paper, paperboard, cellulose wadding, or webs of cellulose fibers
- 2809 Other
- 2910 Printed books, brochures, leaflets, and similar printed products
- 2921 Newspapers
- 2922 Journals and periodicals
- 2930 Advertising material, commercial or trade catalogues, and similar printed products
- 2991 Printed or illustrated postcards, messages, or announcements, and printed cards bearing personal greetings
- 2999 Other
- 3011 Textile fibers, processed but not spun or made into yarn
- 3012 Yarns and thread, except specialty yarns, such as metallized or gimped
- 3013 Broadwoven fabrics, except made of metallized yarn

3014 Knitted or crocheted fabrics  
 3020 Textile clothing and accessories, and headgear, except safety  
 3031 Narrow-woven fabrics and related products  
 3032 Carpets and other textile floor coverings  
 3033 Household furnishings  
 3039 Other  
 3040 Footwear  
 3050 Leather and articles, luggage of related materials, and dressed furskins and articles  
 3110 Hydraulic cements  
 3121 Refractory cements, mortars, concretes, and ceramic products  
 3122 Ceramic construction products  
 3123 China, porcelain, and other ceramic household or personal articles  
 3129 Other  
 3131 Glass in sheets or profiles  
 3132 Containers of glass used for transporting or packing goods  
 3139 Other  
 3191 Worked monumental or building stone and articles  
 3192 Articles of asphalt or of similar material  
 3193 Plaster and articles of plaster or of compositions based on plaster  
 3194 Non-refractory mortars and concretes  
 3195 Articles of cement, concrete, or artificial stone  
 3199 Other  
 3210 Iron and steel in primary forms, in semi-finished forms, or in powders or granules, and ferro alloys  
 3220 Flat-rolled products of iron or steel  
 3230 Bars, rods, angles, shapes, sections, and wire, of iron or steel  
 3241 Copper  
 3242 Aluminum  
 3249 Other  
 3311 Pipes and tubes  
 3312 Pipe and tube fittings  
 3320 Structures and parts, except prefabricated buildings  
 3331 Nails, screws, bolts, nuts, washers, staples except in strips, and similar fastening articles  
 3332 Hand tools and cutlery, except of precious metals  
 3333 Interchangeable tools for hand- or machine-tools  
 3334 Locks, mountings and fittings, racks and similar fixtures, and automatic door closers, of base metal  
 3391 Containers of a capacity not exceeding 300 liters, except containers for compressed and liquefied gas  
 3399 Other  
 3411 Spark-ignition reciprocating internal-combustion engines for motor vehicles, of a cylinder capacity exceeding 1000 cubic centimeters  
 3412 Other internal-combustion engines  
 3413 Parts of internal-combustion piston engines  
 3421 Turbines

- 3422 Boilers, nuclear reactors, and non-electric motors except internal-combustion piston engines
- 3431 Pumps for liquids
- 3432 Air or vacuum pumps and air or other gas compressors
- 3433 Fans and ventilating or recycling hoods incorporating a fan
- 3441 Air-conditioning equipment
- 3442 Refrigerating or freezing equipment
- 3451 Lifting, handling, loading, or unloading machinery and equipment
- 3452 Moving, grading, levelling, scraping, excavating, tamping, compacting, extracting, or boring machinery for earth, minerals, or ores, pile-drivers and -extractors, and snow-ploughs and -blowers
- 3491 Dishwashing machines, machinery for cleaning or drying bottles or other containers, machinery for aerating beverages, and packing or wrapping machinery including for filling, closing, sealing, capsuling, or labelling containers
- 3492 Agricultural, horticultural, forestry, and poultry- or beekeeping machinery
- 3493 Textile manufacturing machines and household, commercial, or industrial laundry and sewing machines
- 3494 Machine-tools, except for semiconductor devices, for working hard materials
- 3495 Powered hand-tools, pneumatic, hydraulic, or with a self-contained electric or non-electric motor
- 3496 Machines and apparatus, and wire, rods, tubes, plates, electrodes and similar products used for soldering, brazing, or welding
- 3497 Ball or roller bearings, transmission shafts and cranks, bearing housings and plain shaft bearings, gears and gearings, ball and roller screws, gear boxes and other speed changers, flywheels and pulleys, and clutches and shaft couplings
- 3499 Other
- 3511 Electric motors, generators, generating sets, and rotary converters
- 3512 Electric or electronic transformers, static converters including rectifiers, and inductors
- 3521 Electric cooking appliances
- 3522 Electro-mechanical or electro-thermic domestic appliances, except cooking appliances
- 3531 Telephone or telegraph switching apparatus, except parts
- 3539 Other
- 3540 Electronic entertainment products, except parts
- 3551 Computer equipment
- 3552 Office equipment
- 3561 Prepared unrecorded media for audio, video, computer, or other uses
- 3562 Pre-recorded media
- 3570 Transmission apparatus for radio or television broadcasting, radio transmission and reception apparatus, radar apparatus, radio navigational-aid apparatus, and radio remote-control apparatus, except radio broadcast receivers and parts
- 3581 Electronic parts
- 3582 Parts of the goods of SCTG 354 and 357
- 3591 Primary and storage batteries
- 3592 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

- 3599 Other
- 3610 Motor vehicles for the transport of less than 10 people except motorcycles, armored fighting vehicles, snowmobiles, golf carts and similar vehicles, and parts
- 3621 Motor vehicles for the transport of goods, except parts
- 3622 Road tractors for semi-trailers, except parts
- 3631 Tractors, except road tractors, work tractors, and parts
- 3632 Motor vehicles for the transport of people with a seating capacity of 10 or more persons, except parts
- 3633 Special-purpose motor vehicles, except parts
- 3634 Motor vehicle chassis fitted with engines and separately shipped bodies
- 3635 Motorcycles, bicycles, and other cycles
- 3636 Trailers and semi-trailers
- 3639 Other
- 3640 Parts and accessories for motor vehicles except for motorcycles and armored fighting vehicles
- 3710 Locomotives and rolling stock, railway track fixtures and fittings, mechanical or electro-mechanical traffic-signaling equipment, and inter-modal containers
- 3721 Aircraft, except parts
- 3722 Spacecraft and suborbital and spacecraft launch vehicles, except parts
- 3723 Parts of aircraft and spacecraft
- 3724 Parachutes, rotochutes, aircraft-launching gear, deck-arresters, and flight simulators
- 3731 Pleasure or sporting vessels
- 3732 Commercial ships and boats and floating structures
- 3810 Optical elements, instruments, and apparatus, except photographic and photocopying equipment and optical instruments and apparatus for measuring or checking
- 3821 Photographic cameras, image projectors, enlargers and reducers, projection screens, negatoscopes, and apparatus and equipment for film developing
- 3822 Photocopying and thermocopying apparatus
- 3831 Navigational instruments and appliances except radar and other radio-type navigational-aid apparatus
- 3832 Surveying, hydrographic, oceanographic, hydrological, meteorological, geophysical, drawing, or mathematical-calculating instruments and appliances
- 3841 Apparatus based on the use of X-rays or alpha, beta, or gamma radiation
- 3842 Electromedical equipment
- 3849 Other
- 3851 Instruments and apparatus for measuring or checking electrical quantities
- 3852 Industrial process-control instruments
- 3859 Other
- 3901 Household or office furniture
- 3902 Other furniture
- 3903 Lighting equipment including for transportation equipment but except for motor vehicles, and lamps, lighting fittings, and illuminated signs
- 4011 Arms
- 4012 Munitions and ammunition
- 4021 Toys and games
- 4022 Sporting equipment

4091 Clocks and watches  
4092 Prefabricated buildings  
4093 Writing or drawing instruments and inked ribbons and pads  
4094 Precious metal forms and shapes, pearls, precious or semi-precious stones, and articles,  
and coins  
4099 Other  
4111 Slag, ash, and residues  
4112 Of ferrous metal  
4113 Of nonferrous metal, including precious  
4121 Sawdust and wood waste and scrap  
4122 Of paper or paperboard  
4129 Other  
4399 Mixed freight  
---- Commodity unknown

## SCTG Five Digit Codes

N.E.C. or n.e.c. = Not Elsewhere Classified

### Code Description

#### Live Animals and Fish

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

#### Cereal Grains (including seed)

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

#### Other Agricultural Products Except for Animal Feed

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

- 03100 Potatoes, fresh or chilled (except sweet potatoes, see 03219)
- 03211 Tomatoes, fresh or chilled
- 03212 Onions, shallots, garlic, leeks, and onion sets, fresh or chilled
- 03213 Lettuce, fresh or chilled
- 03214 Leguminous vegetables, fresh or chilled
- 03219 Fresh or chilled vegetables, n.e.c.
- 03221 Leguminous vegetables, dried (includes those for use as seed, but excludes milled vegetables, see 06299)
- 03229 Dried vegetables, n.e.c (includes those for use as seed, but excludes milled vegetables, see 06299)

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

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

- 03331 Dried grapes (includes raisins and "currants")
- 03339 Dried fruit, n.e.c. (includes mixtures of dried fruit)
- 03341 Nuts in the shell (not including peanuts, see 03501)
- 03342 Shelled nuts not further processed (not including peanuts, see 03501)

**Other agricultural products**

- 03400 Soy beans
- 03501 Peanuts, unroasted
- 03502 Linseed (flaxseed)
- 03503 Colza (rape) or canola seeds
- 03504 Sunflower seeds
- 03505 Cotton seeds
- 03506 Mustard seeds
- 03509 Oil seeds and nuts, n.e.c.
- 03601 Bulbs and roots and similar products, live trees and other plants, and mushroom spawn
- 03602 Seeds for sowing n.e.c.
- 03910 Fresh-cut flowers
- 03921 Tobacco, not stemmed or stripped
- 03922 Stemmed and partially stemmed tobacco
- 03930 Raw cotton (not carded or combed)
- 03991 Unprocessed coffee and unfermented tea
- 03992 Sugar beet and sugar cane
- 03999 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)

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

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

**Meat, Fish, and Seafood, and their Preparations**

- 05111 Meat except poultry, fresh or chilled
- 05112 Meat except poultry, frozen
- 05121 Poultry, fresh or chilled
- 05122 Poultry, frozen
- 05130 Meat, salted, in brine, dried, or smoked; and pig or poultry fat, not rendered
- 05201 Fresh or chilled fish

- 05202 Frozen fish
- 05203 Fish, salted, in brine, dried, or smoked, and edible fish meal
- 05204 Aquatic invertebrates, live, fresh, chilled, frozen, salted, in brine, or dried, and crustaceans in shell cooked by steaming or by boiling in water
- 05310 Preparations, extracts, and juices of meat including poultry (except soups and broths, see 07720)
- 05320 Preparations, extracts, and juices of fish or seafood (aquatic invertebrates) (except soups and broths, see 07720)

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

### **Milled grain products**

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

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

- 06310 Pasta (including stuffed, canned, frozen, or dried) and couscous
- 06320 Breakfast cereal foods, swelled or roasted
- 06391 Mixes and doughs for preparing bakery products, including batters
- 06392 Rice preparations, instant rice, and partially cooked rice
- 06399 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
- 06410 Baked snack foods (excludes cookies and crackers, see 06432)
- 06420 Frozen baked products, including quiche, pizza, and waffles
- 06431 Perishable baked products (including fresh bread, pastries, pies, pizza, and quiche)
- 06432 Dry baked products (including cookies, crackers, and taco shells)

## **Other Prepared Foodstuffs, and Fats and Oils**

### **Dairy products (except beverages and preparations)**

- 07111 Milk and cream, unconcentrated and unsweetened
- 07112 Milk and cream, in powder, granules, or other solid forms
- 07119 Milk and cream, n.e.c.
- 07120 Cheese and curds
- 07130 Ice cream, ice milk, sherbets, and ices (excludes frozen yogurt, see 07199, and ice cream and ice milk mixes, see 06399)
- 07191 Butter and other fats and oils derived from milk
- 07199 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)

### **Processed or prepared vegetables, fruit, or nuts, n.e.c., and juices**

- 07210 Frozen vegetables and vegetable preparations (including french fries and vegetable mixtures)
- 07221 Potato chips

- 07229 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 mixes, see 07720; tomato sauces, see 07711; or other sauces, see 07719)
- 07231 Jams, jellies, marmalades, fruit or nut purées, and fruit or nut pastes
- 07232 Processed or prepared nuts, peanuts, or seeds (except purées and pastes, see 07231, but including roasted nuts and peanut butter)
- 07239 Processed or prepared fruit, n.e.c., including canned fruit (except dried, see 0333x)
- 07241 Frozen fruit and vegetable juices (does not include beverages based on juices, such as ades or nectars, see 078xx)
- 07242 Non-frozen fruit and vegetable juices (does not include beverages based on juices, such as ades or nectars, see 078xx)

**Coffee, tea, and spices**

- 07301 Processed coffee (including roasted or ground)
- 07302 Processed (fermented) tea
- 07303 Spices, including unprocessed spices

**Animal or vegetable fats and oils and their cleavage products, prepared edible fats, animal or vegetable waxes, and flours and meals of oil seeds**

- 07410 Animal fats and oils and their fractions, not chemically modified (does not include inedible flours, meals, and pellets, see 04120)
- 07421 Soy-bean oil
- 07422 Colza (canola) oil
- 07423 Corn oil
- 07429 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)
- 07431 Non-liquid margarine (for liquid margarine, see 07439)
- 07432 Shortening
- 07439 Chemically modified fats and oils, animal or vegetable waxes, and prepared edible fats, n.e.c.
- 07440 Flours and meals of oil seeds (except flours and meals of mustard, see 07719, and oil seed waste and residues, see 04140)

**Sugars confectionery, and cocoa and cocoa preparations**

- 07501 Raw cane or beet sugar, in solid form
- 07502 Refined cane or beet sugar and chemically pure sucrose, in solid form
- 07503 Glucose (corn sugar) and glucose syrup (corn syrup)
- 07509 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)
- 07611 Sugar confectionery not containing cocoa, including glacé products (except sugarless gum, see 07799)
- 07612 Chocolate confectionery
- 07620 Cocoa beans, paste, butter, and powder, and cocoa preparations

**Edible preparations, n.e.c.**

- 07711 Tomato sauces (including ketchup and chili sauces)
- 07719 Sauces and sauce mixes, prepared mustard, mustard flours and meals, and mixed condiments and seasonings, n.e.c., including salad dressings
- 07720 Soups and broths (including mixes), and baby or dietetic foods
- 07731 Syrups and concentrates used in food preparations or beverages
- 07732 Flavoring powders, extracts, or essences
- 07791 Processed eggs including egg albumin
- 07792 Yeasts and baking powder
- 07793 Sugar syrups with added flavors and/or colors, including table syrups
- 07799 Edible preparations, n.e.c, including protein concentrates and vinegar

**Non-alcoholic beverages and ice**

- 07811 Carbonated soft drinks
- 07819 Other sweetened or flavored water
- 07891 Water, neither sweetened nor flavored
- 07899 Ice and non-alcoholic beverages, n.e.c. (excludes dry ice (carbon dioxide), see 20241)

**Alcoholic Beverages and Tobacco Products**

- 08100 Beer (malt beer) (excludes non-alcoholic beer, see 07899)
- 08200 Wine and other fermented beverages (excludes non-alcoholic wine, see 07899)
- 08310 Denatured ethyl alcohol, and undenatured ethyl alcohol that is 80% or more alcohol by volume
- 08320 Spirits, liqueurs, and other spirituous beverages, and undenatured ethyl alcohol that is less than 80% alcohol by volume
- 09010 Cigarettes
- 09090 Tobacco products, n.e.c. (except leaf tobacco, see 0392x)

**Stone and Sands, Except Metal Bearing Sands**

- 10010 Calcareous monumental or building stone
- 10020 Monumental or building stone, n.e.c., including slate (excludes dolomite, see 13300)
- 11010 Silica sands and quartz sands for construction use
- 11020 Silica sands and quartz sands for industrial uses, and other sands
- 12011 Limestone flux
- 12012 Agricultural limestone
- 12019 Gravel and crushed or broken limestone and chalk, n.e.c.
- 12020 Gravel and crushed stone, n.e.c. (Except dolomite, see 13300, slate, see 13999, and limestone and chalk, see 1201x)

**Non-Metallic Minerals, N.E.C.**

- 13101 Table salt
- 13109 Salt, n.e.c.
- 13200 Natural calcium phosphates, natural aluminum calcium-phosphates, and phosphatic chalk
- 13300 Dolomite, including monumental, building, and crushed
- 13910 Sulfur, n.e.c. (except sublimed, precipitated, or colloidal, see 20210)
- 13921 Kaolinic clays including China
- 13929 Clays, n.e.c.

- 13991 Pumice stone, emery, and natural abrasives
- 13992 Gypsum and anhydrite
- 13993 Asbestos
- 13994 Leucite, nepheline, and nepheline syenite
- 13999 Non-metallic minerals, n.e.c (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 22xxxx)

### **Metallic Ores and Concentrates**

- 14100 Iron ores and concentrates
- 14910 Copper ores and concentrates
- 14991 Nickel ores and concentrates
- 14992 Aluminum ores and concentrates, including bauxite
- 14993 Lead ores and concentrates
- 14994 Zinc ores and concentrates
- 14995 Uranium or thorium ores and concentrates
- 14996 Titanium
- 14999 Ores and concentrates, n.e.c.

### **Coal**

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

### **Crude Petroleum, Gasoline, Fuel Oils, and Aviation Turbine Fuel**

- 16000 Crude petroleum oil and oils obtained from bituminous minerals
- 17100 Gasoline including aviation
- 17200 Aviation turbine fuel (jet types A and B)
- 18000 Fuel oils including diesel and Bunker C

### **Coal and Petroleum Products, N.E.C.**

- 19100 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)
- 19201 Kerosene (except type A jet fuel, see 17200)
- 19209 Refined petroleum oils and oils obtained from bituminous minerals n.e.c.
- 19310 Liquefied natural gas
- 19321 Propane, liquefied
- 19322 Butane, liquefied (excluding chemically pure, see 20501)
- 19329 Liquefied gaseous hydrocarbons, n.e.c. (excluding chemically pure, see 20501)
- 19330 Gaseous hydrocarbons in a gaseous state (excluding chemically pure, see 20501)
- 19911 Coke and semi-coke of coal, lignite, or peat, and retort carbon
- 19912 Petroleum coke, including calcined
- 19920 Petroleum asphalt
- 19930 Asphaltic mixtures based on natural asphalt, natural bitumen, petroleum asphalt, mineral tar, or mineral-tar pitch, and tarred macadam

19990 Other coal products and products of petroleum refining, n.e.c., and natural asphaltic minerals

## **Basic Chemicals**

### **Inorganic chemicals**

- 20101 Sodium hydroxide (caustic soda)
- 20102 Potassium hydroxide (caustic potash)
- 20210 Sulfur, sublimed, precipitated, or colloidal
- 20221 Hydrogen chloride (hydrochloric acid)
- 20222 Sulfuric acid and oleum
- 20229 Inorganic acids, n.e.c. (except nitric and sulfonitric acid, see 22020 and phosphoric acid, see 22039)
- 20231 Artificial corundum
- 20232 Aluminum oxide and aluminum hydroxide (does not include artificial corundum, see 20231)
- 20241 Carbon dioxide
- 20242 Hydrogen, nitrogen, oxygen, and rare gases such as argon and helium
- 20251 Sodium sulfates
- 20252 Disodium carbonate, sodium hydrogencarbonate (sodium bicarbonate), and potassium carbonates
- 20259 Sodium or potassium compounds n.e.c.
- 20261 Titanium oxides, pigments, and preparations
- 20262 Inorganic pigments, and preparations n.e.c., and inorganic products used as luminophores
- 20263 Calcium carbide
- 20264 Silicon or tungsten carbides
- 20269 Metal compounds n.e.c.
- 20291 Chlorine
- 20292 Carbon black
- 20293 Alkali or alkaline-earth metals, rare-earth metals, scandium, yttrium, and mercury
- 20299 Inorganic chemicals n.e.c., including radioactive elements, isotopes, and compounds

### **Organic chemicals**

- 20300 Cyclic hydrocarbons
- 20410 Acyclic alcohols
- 20420 Phenols, phenol-alcohols, aldehydes, cyclic polymers of aldehydes, paraformaldehyde, ketones, and quinones (excludes their halogenated, sulfonated, nitrated, or nitrosated derivatives, see 20509)
- 20430 Organic acids, their anhydrides, halides, peroxides, and peroxyacids, and their halogenated, sulfonated, nitrated, or nitrosated derivatives
- 20501 Acyclic hydrocarbons (except methane and propane, see 193xx)
- 20502 Halogenated derivatives of hydrocarbons
- 20503 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)
- 20504 Organic dyes, pigments, lakes, and toners
- 20509 Organic chemicals n.e.c (excludes all cellulose derivatives, see 24101)

## **Pharmaceutical Products**

21000 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)

## **Fertilizers**

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

## **Chemical Products and Preparations, N.E.C.**

- 23110 Paints and varnishes, including lacquers and distempers, and prepared water pigments for finishing leather
- 23121 Vegetable tanning extracts or coloring matter, tannins and their derivatives, animal coloring matter, n.e.c., 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)
- 23122 Inks
- 23201 Essential oils, resinoids, and mixtures of odoriferous substances used as raw materials
- 23202 Perfumery, cosmetic, or toilet preparations
- 23300 Soap, organic surface-active agents, cleaning preparations, polishes and creams, and scouring preparations
- 23400 Photographic or cinematographic film, plates, paper, paperboard, or textiles, and chemical preparations for photographic use
- 23500 Insecticides, rodenticides, fungicides, herbicides, anti-sprouting products, plant-growth regulators, disinfectants, and similar products (except chemicals not made up as preparations, see 20xxx)
- 23901 Glues and prepared glues
- 23902 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)
- 23903 Activated carbon, activated natural mineral products, and animal black

- 23904 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
- 23905 Industrial monocarboxylic fatty acids and acid oils from refining
- 23906 Water-treatment preparations (includes anti-scaling compounds, flocculating agents, and water-softening compounds)
- 23909 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

## **Plastics and Rubber**

### **Plastics and rubber in primary forms**

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

### **Articles of plastics**

- 24211 Man-made fiber filament tow or staple fibers, not carded or combed
- 24212 Monofilaments of plastics of which any cross-sectional dimension exceeds 1 mm; rods; sticks; and profile shapes
- 24213 Plastics plates, sheets, film, foil, tape, strip, and other flat shapes, including combinations with other materials
- 24223 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
- 24224 Plastics closures and articles for conveying or packing goods
- 24225 Plastics household or toilet articles
- 24229 Plastics articles, n.e.c., including builders' ware, hardware, fasteners, and apparel

### **Articles of rubber**

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

## **Logs and Other Wood in the Rough**

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

## **Wood Products**

- 26100 Wood chips or particles
- 26211 Lumber, treated
- 26212 Lumber, untreated
- 26221 Wood continuously shaped along any of its edges or faces
- 26222 Shingles and shakes
- 26310 Veneer sheets and sheets for plywood
- 26320 Particle board, fiberboard, and similar board of wood or other ligneous materials
- 26330 Plywood, veneered panels, and similar laminated wood including doorskins
- 26401 Windows, doors, and frames and thresholds
- 26409 Builders' joinery and carpentry of wood, n.e.c. (except shingles and shakes, see 26222)
- 26901 Wood packing containers, cable drums, pallets and skids, and coopers' products
- 26909 Wood products, n.e.c., including wood charcoal, densified wood, and coffins

## **Pulp, Newsprint, Paper, and Paperboard**

### **Pulp of fibrous cellulosic materials**

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

### **Paper and paperboard, in large rolls or sheets**

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

### **Paper or Paperboard Articles**

- 28010 Toilet paper, towels, tampons, and similar articles of paper for household, sanitary, or hospital use, and paper articles of apparel
- 28021 Sacks and bags of paper, paperboard, cellulose wadding, or cellulose fiber webs
- 28029 Other packing containers of paper, paperboard, cellulose wadding, or webs of cellulose fibers, n.e.c.
- 28091 Wallpaper and similar wall coverings
- 28092 Envelopes, letter cards, plain postcards and correspondence cards, and boxed sets of paper stationery
- 28099 Paper or paperboard articles, n.e.c (except blankbooks, office pads, and forms, see 2999x)

## **Printed Products**

- 29100 Printed books, brochures, leaflets, and similar printed products (except advertising materials including catalogs, see 29300; atlases and music books, see 29999)
- 29210 Newspapers

- 29220 Journals and periodicals
- 29300 Advertising material, commercial or trade catalogs, and similar printed products, including flyers
- 29910 Printed or illustrated postcards, messages, or announcements, and printed cards bearing personal greetings
- 29991 Manifold business-forms and interleaved carbon-sets
- 29999 Printed products, n.e.c., including blankbooks, binders, and albums

## **Textiles, Leather, and Articles of Textiles or Leather**

### **Textiles and articles of textiles**

- 30110 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)
- 30120 Yarns and thread (except specialty yarns such as metallized or gimped, see 30399)
- 30130 Broadwoven fabrics (except of metallized yarn, see 30399)
- 30140 Knitted or crocheted fabrics
- 30200 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)
- 30310 Narrow-woven fabrics and related products
- 30321 Tufted carpets and other textile floor coverings
- 30329 Carpets and other textile floor coverings, n.e.c.
- 30330 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)
- 30391 Nonwoven and felt fabrics
- 30392 Impregnated, coated, covered, or laminated textile fabrics, including rubberized
- 30399 Textiles and textile articles, n.e.c. (except garnetted fibers, not further processed, see 41299)

### **Leather and articles of leather**

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

## **Non-Metallic Mineral Products**

### **Hydraulic cements**

- 31100 Hydraulic cements

### **Ceramic products**

- 31210 Refractory ceramic products, including mortars and mixes
- 31221 Ceramic pipes, conduits, guttering, and pipe fittings; ceramic flagstones; and ceramic paving, hearth, wall, or mosaic tiles
- 31229 Other ceramic construction products
- 31230 China, porcelain, or other ceramic household or personal articles

- 31291 Ceramic sanitary fixtures
- 31299 Ceramic products, n.e.c.

### **Glass and glass products**

- 31310 Glass in sheets or profiles (includes worked glass and float, cast, rolled, drawn, or blown glass)
- 31320 Glass containers for transporting or packing goods
- 31391 Safety glass, comprising toughened (tempered) or laminated glass
- 31392 Glassware used for table, kitchen, toilet, office, indoor decoration, or similar purposes
- 31393 Glass slivers, rovings, yarns, and chopped strands
- 31399 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)

### **Other non-metallic mineral products**

- 31911 Worked monumental or building granite and articles
- 31919 Worked monumental or building stone and articles, n.e.c.
- 31921 Asphalt shingles
- 31929 Articles of asphalt or of similar material, n.e.c. (excludes asphaltic mixtures, see 19930)
- 31931 Gypsum wallboard, sheets, and lath
- 31939 Plaster and articles of plaster, or of compositions based on plaster, n.e.c.
- 31941 Non-refractory mortars and concretes, wet
- 31942 Non-refractory mortars and concretes, dry
- 31951 Building blocks and bricks, of cement, concrete, or artificial stone
- 31952 Concrete pipes
- 31953 Prefabricated structural components of concrete
- 31959 Articles of cement, concrete, artificial stone, n.e.c.
- 31991 Quicklime, slaked lime, and hydraulic lime
- 31992 Exfoliated vermiculite, expanded clays, foamed slag, and similar expanded mineral materials
- 31993 Slag rock and similar mineral wools, and thin sheets, webs, mattresses, boards, and similar nonwoven products of glass-fibers
- 31994 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
- 31999 Non-metallic mineral products, n.e.c.

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

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

32499 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)

## **Articles of Base Metal**

### **Pipes, tubes, and fittings**

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

### **Structures and structural parts**

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

### **Hand tools, cutlery, interchangeable tools for hand-or machine-tools, hardware, and industrial fasteners (excludes precious metal, see 40942)**

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

### **Other articles of base metal (excludes articles of precious metal, see 40942)**

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

## **Machinery**

### **Turbines, boilers, internal combustion engines, and other non-electric motors and engines**

#### ***Internal combustion engines***

- 34110 Spark-ignition reciprocating internal-combustion engines for motor vehicles, of a cylinder capacity exceeding 1000 cc
- 34120 Other Internal-combustion piston engines (includes compression engines such as diesel and semi-diesel engines)
- 34130 Parts of internal combustion piston engines (except pumps for liquids, see 34310; filters, see 34999; crankshafts and camshafts, see 34972; and bearings, see 3497x)

#### ***Turbines, boilers, nuclear reactors, and non-electric engines and motors except internal-combustion piston engines***

- 34211 Steam, other vapor, or hydraulic turbines

- 34212 Turbo-jets, turbo-propellers, and other gas turbines, including for aircraft
- 34221 Boilers, power or heating, and nuclear reactors
- 34222 Non-electric engines and motors, n.e.c., including fluid power and missile and rocket reaction engines

**Other mechanical machinery**

- 34310 Pumps for liquids and liquid elevators, including fluid power, vehicle, and service station pumps
- 34320 Air or vacuum pumps and air or other gas compressors, (including compressors for refrigerating and air conditioning equipment)
- 34330 Fans (including blowers) and ventilating or recycling hoods incorporating a fan
- 34410 Air conditioning equipment (except compressors, see 34320, and evaporative air coolers, see 34999)
- 34421 Household refrigerating or freezing equipment (except compressors, see 34320)
- 34422 Commercial- or industrial-type refrigerating or freezing equipment (except compressors, see 34320)
- 34511 Works trucks and tractors designed for lifting or for short distance transport of goods in factories, warehouses, docks, or airports (excludes trailers, see 36360)
- 34519 Lifting, handling, loading, or unloading machinery, n.e.c. (excludes cranes for road use, see 36330)
- 34520 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)
- 34910 Dish-washing machines, machinery for cleaning or drying bottles or other containers, machinery for aerating beverages, and packing or wrapping machinery
- 34920 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)
- 34930 Textile manufacturing machines; laundry machines, including dryers; and sewing machines
- 34940 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)
- 34950 Powered hand-tools, pneumatic, hydraulic, or with a self-contained electric or non-electric motor, including tools for lawn or construction use
- 34960 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
- 34971 Ball and roller bearings including mounted
- 34972 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)

- 34991 Machinery for making pulp, paper, or paperboard, including dryers and calendering machines
- 34992 Book-binding, type-founding, type-setting, or printing machinery
- 34993 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)
- 34994 Taps, cocks, valves, and similar appliances for pipes, boiler shells, tanks and vats, or the like, including those for use in plumbing
- 34995 Semiconductor manufacturing machinery
- 34999 Machinery, n.e.c.

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

- 35110 Electric motors, generators, generating sets, and rotary converters
- 35120 Electric or electronic transformers, static converters including rectifiers, and inductors
- 35210 Electric cooking appliances
- 35220 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)
- 35310 Line telephone and telegraph switching apparatus (except parts, see 35390)
- 35390 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)
- 35400 Electronic entertainment products, including CD players, TVs, VCRs, speakers, video cameras, earphones, amplifiers, and radio broadcast receivers (except parts of these goods, see 35820)
- 35510 Computer equipment
- 35520 Office equipment including point-of-sale devices and word-processing machines (excludes photocopiers, see 38220, and facsimile machines, see 35390)
- 35610 Unrecorded media for audio, video, computer, or other use (does not include photographic film, see 23400)
- 35621 Computer software
- 35629 Pre-recorded media, n.e.c. (includes records, tapes, and CDs, but excludes software, see 35621, and photographic film, see 23400)
- 35700 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)
- 35811 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)
- 35812 Printed circuits

- 35813 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
- 35814 Electronic integrated circuits and micro-assemblies including memory chips
- 35820 Parts for goods in SCTGs 354xx and 358xx, including cabinets
- 35911 Primary cells and primary batteries (includes alkaline, nickel-cadmium, and lithium batteries)
- 35912 Secondary cells and storage batteries (includes motor vehicle batteries)
- 35920 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
- 35991 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
- 35992 Lighting or signaling equipment, windshield wipers, or defrosters, used for motor vehicles or bicycles (does not include filament or discharge light bulbs, see 35993)
- 35993 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)
- 35994 Insulated electric conductors (including wire), co-axial cables, and optical fiber cables (does not include vehicle wiring sets, see 35991)
- 35995 Artificial graphite, colloidal or semi-colloidal graphite, preparations based on graphite or carbon, and articles of graphite or carbon
- 35999 Electronic and electrical equipment and components, n.e.c., including electric conduits and fittings

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

### **Vehicles**

- 36101 Automobiles and vans for fewer than 10 people (excludes parts, see 364xx)
- 36109 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)
- 36210 Motor vehicles for transporting goods, (including vehicles used in construction, mining, or agriculture)
- 36220 Road tractors for semi-trailers (except parts, see 364xx)
- 36310 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)
- 36320 Vehicles with a seating capacity of 10 or more persons (except parts, see 364xx)
- 36330 Special-purpose motor vehicles including mobile cranes, drilling derricks, concrete mixers, and fire-fighting vehicles (except parts, see 364xx)
- 36340 Chassis fitted with engines, and separate bodies, for motor vehicles
- 36351 Motorcycles and mopeds, and their parts (including side cars)
- 36359 Bicycles and other cycles, and their parts
- 36360 Trailers and semi-trailers and parts, including camping trailers
- 36391 Armored fighting vehicles and their parts
- 36399 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)

## **Motor vehicle parts**

- 36401 Brakes
- 36402 Gear boxes (except parts, see 36409)
- 36403 Road wheels
- 36404 Metal stampings such as bumper, fender, door, hood, trim, and hub cap
- 36409 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 35992; ignition and starting equipment, see 35991; windshield wipers and defrosters, see 35992; seats, see 39029; and catalytic converters, see 34999)

## **Transportation Equipment, N.E.C.**

### **Railway equipment**

- 37101 Railway or tramway locomotives and self-propelled rolling-stock (excludes maintenance or service vehicles, see 37102)
- 37102 Railway or tramway maintenance or service vehicles (including self-propelled), and passenger coaches and freight cars (not self-propelled)
- 37103 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)
- 37104 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

### **Aircraft and spacecraft**

- 37210 Aircraft, except parts
- 37220 Spacecraft including satellites and suborbital and spacecraft launch vehicles, except parts
- 37230 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)
- 37240 Parachutes, rotochutes, aircraft-launching gear, deck-arresters, and flight simulators

### **Ships, boats, and floating structures**

- 37310 Pleasure or sporting vessels, and rowing boats (parts except for hulls should be classified according to what the article is)
- 37320 Commercial ships and boats and other floating structures (parts except for hulls should be classified according to what the article is)

## **Precision Instruments and Apparatus**

- 38101 Eyewear including contact lenses and other lenses, goggles, and frames
- 38109 Optical elements, instruments, and apparatus, n.e.c. (except photographic, cinematographic, and photocopying equipment, see 38210 or 38220)
- 38210 Photographic (including cinematographic) cameras, image projectors, enlargers, reducers, and projection screens; negatoscopes, and apparatus and equipment for film developing (excludes videocameras, see 35400)

- 38220 Photocopying and thermocopying machines
- 38310 Navigational instruments and appliances (except radar and radio navigational-aid apparatus, see 35700)
- 38320 Surveying, hydrographic, oceanographic, hydrological, meteorological, geophysical, drawing, mathematical calculating and length measuring hand instruments and appliances (except radar apparatus, see 35700)
- 38410 Apparatus based on the use of X-rays or alpha, beta, or gamma radiation
- 38420 Electro-medical equipment (except pacemakers, see 38491)
- 38491 Orthopedic appliances; fracture appliances; artificial body parts; and appliances that are worn, carried, or implanted in the body to compensate for a medical condition
- 38492 Surgical and medical instruments and apparatus
- 38499 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)
- 38510 Instruments and apparatus for measuring or checking electrical quantities
- 38520 Industrial process control instruments
- 38591 Instruments and appliances for testing mechanical properties of materials
- 38592 Instruments and appliances for measuring or detecting ionizing radiations
- 38593 Gas or liquid supply or production meters
- 38599 Other instruments and apparatus for measuring, checking, testing, or controlling, n.e.c.

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

- 39011 Mattresses and mattress supports (except inflatable and waterbed mattresses of plastics, see 24229, or of rubber, see 24399)
- 39019 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)
- 39021 Medical, surgical, dental, or veterinary furniture
- 39029 Furniture, n.e.c.
- 39030 Lamps, lighting fittings, and illuminated signs or name plates (except for motor vehicles, see 35992)

### **Miscellaneous Manufactured Products**

- 40110 Arms (excludes swords, daggers, etc., see 33322)
- 40120 Munitions and ammunition, including bombs, grenades, and missiles
- 40210 Toys and games and baby carriages, including coin-operated arcade games
- 40220 Sporting equipment
- 40910 Clocks and watches
- 40920 Prefabricated buildings including tool or garden sheds
- 40930 Writing or drawing instruments and inked ribbons and pads
- 40941 Precious metal forms and shapes
- 40942 Pearls, precious or semi-precious stones including unworked; articles of pearls, stones, or precious metals including jewelry, catalysts, anodes, and tableware; and coins
- 40991 Costume jewelry
- 40992 Musical instruments

- 40993 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
- 40994 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
- 40995 Works of art, collections, and antiques
- 40999 Miscellaneous manufactured products, n.e.c.

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

- 41110 Metal slag, ash, and residues
- 41120 Other waste and scrap of ferrous metals
- 41130 Other waste and scrap of non-ferrous metals, including precious metals
- 41210 Sawdust and wood waste and scrap
- 41220 Waste and scrap of paper or paperboard
- 41291 Waste and scrap of glass
- 41299 Non-metallic waste and scrap, n.e.c.

**Mixed Freight Shipments**

- 43991 Items (including food) for grocery and convenience stores
- 43992 Supplies and food for restaurants and fast food chains
- 43993 Hardware or plumbing supplies
- 43994 Office supplies
- 43999 Miscellaneous