

1992

# Bonneville International v. Utah State Tax Commission : Addenda

Utah Court of Appeals

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Brian L. Tarbet; Assistant Attorney General; Attorney for Respondent.

Boyd J. Hawkins; Brian C Johnson; Scott R. Ryther; Kimball, Parr, Waddoups, Brown & Gee; Attorneys for Petitioners.

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**BRIEF**

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DOCKET NO. 920775CA IN THE UTAH COURT OF APPEALS

|                                       |   |                 |
|---------------------------------------|---|-----------------|
| BONNEVILLE INTERNATIONAL CORPORATION, | ) |                 |
|                                       | ) | No. 920775-CA   |
|                                       | ) |                 |
| Petitioner,                           | ) |                 |
|                                       | ) |                 |
| vs.                                   | ) | Priority No. 15 |
|                                       | ) |                 |
| UTAH STATE TAX COMMISSION,            | ) |                 |
|                                       | ) |                 |
| Respondent.                           | ) |                 |

ADDENDUM TO BRIEF OF PETITIONER

Petition for Review of the Final Order  
of the Utah State Tax Commission

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Attorneys for Petitioner

**FILED**

JAN 5 1993

**COURT OF APPEALS**

## Addendum 1

BEFORE THE UTAH STATE TAX COMMISSION

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|   |   |                     |
|---|---|---------------------|
| BONNEVILLE INTERNATIONAL CORPORATION,               | : |                     |
|   | ) |                     |
|   | : |                     |
| Petitioner,   | ) | FINDINGS OF FACT,   |
|   | : | CONCLUSIONS OF LAW, |
| v.  | ) | AND FINAL DECISION  |
|   | : |                     |
| AUDITING DIVISION OF THE UTAH STATE TAX COMMISSION, | ) | Appeal No. 91-0257  |
|   | : |                     |
|   | ) | Account No. 96774   |
| Respondent.   | : |                     |

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STATEMENT OF CASE

This matter came before the Utah State Tax Commission for a formal hearing on February 4, 1992. Alan Hennebold, Presiding Officer, heard the matter for and on behalf of the Commission. Boyd J. Hawkins, Assistant General Counsel for Bonneville International Corporation, represented the Petitioner. Brian Tarbet, Assistant Utah Attorney General, represented the Respondent.

Prior to the hearing, the parties submitted a Stipulation of Facts. Based upon the stipulated facts and evidence presented at the hearing, the Tax Commission hereby makes its:

FINDINGS OF FACT

1. Petitioner is primarily engaged in radio and television broadcasting, but also does business in related fields through various operating divisions. On December 3,

0000005



Appeal No. 91-02.

1990, the Commission issued an advisory opinion holding that purchases or leases of manufacturing machinery and equipment by two of Petitioner's operating divisions, Video West and Bonneville Communications, are not exempt from sales and use tax pursuant to U.C.A. §59-12-104(15) [formerly §59-12-104(16)]. Petitioner then sought review of the Commission's advisory opinion by filing its Petition For Redetermination. The parties have subsequently agreed that Petitioner's Petition for Redetermination may be treated by the Commission as a claim for refund of sales tax already paid by Petitioner.

2. Video West assembles, duplicates and distributes video tapes from its own facility. It is a separate cost center with separate financial statements. In 1990, video tape manufacturing accounted for 45% of Video West's net sales, with the remainder derived from production of commercials, training tapes, and the like.

3. Bonneville Communications, another of Bonneville's operating divisions, is nearly identical to Video West except that it manufactures audio tapes instead of video tapes. The parties have stipulated that purchases or leases of manufacturing equipment by Bonneville Communications are exempt from sales and use tax pursuant to U.C.A. §59-12-104(15). In a separate Order, the Commission has approved the parties' stipulation with respect to Bonneville Communications.

4. The magnetic tape used by Bonneville Communications and Video West in their respective operations is essentially the same material.

CONCLUSIONS OF LAW

Machinery and equipment purchased or leased by a manufacturer for use in new or expanding operations (excluding normal operating replacements) in any manufacturing facility in Utah are exempt from sales and use tax. [U.C.A. §59-12-104(15).]

"Manufacturing facility" means an establishment described in SIC Code Classification 2000-3999 of the Standard Industrial Classification Manual 1972, of the Federal Executive Office of the President, Office of Management and Budget. [U.C.A. §59-12-104(15).]

"Manufacturer" means a person who:

a. Functions within the activities included in SIC Code Classification 2000-3999;

b. Produces a new, reconditioned, or remanufactured product, article, substance, or commodity from raw, semi-finished, or used material; and

c. In the normal course of business, produces products for sale as tangible personal property. [Utah State Tax Commission Administrative Rule R865-19-85S(14).]

DECISION AND ORDER

The Commission has accepted the parties' stipulation that purchases or leases of equipment used by Bonneville Communications in the manufacture of audio tapes are exempt from sales and use tax pursuant to U.C.A. §59-12-104(15). The issue now before the Commission is whether Video West is also entitled to the same exemption. Respondent concedes that Video West meets all criteria for exemption except the requirement

that it function within activity codes 2000-3999 as set forth in the 1972 SIC manual. Therefore, the determination of the proper SIC activity code for Video West is determinative of this appeal.

Petitioner argues that video tape manufacture is included in activity code 3652, which is titled "Phonograph Records and Pre-recorded Magnetic Tape" and includes "establishments primarily engaged in manufacturing phonograph records and prerecorded magnetic tape". However, the Commission considers it unlikely that the drafters of the 1972 SIC manual intended to include video tape reproduction in the same activity code as activities related to audio media such as phonograph records. The Commission's interpretation of the scope of activity code 3652 is supported by the fact that the 1987 SIC manual specifically limits activity code 3652 to audio media.

For its part, Respondent contends that video tape manufacture is included in the 1972 SIC manual's activity code 7814, "Motion Picture and Tape Production For Television":

Establishments primarily engaged in the production of theatrical and nontheatrical motion pictures and tape, including commercials, for television exhibition. Establishments engaged in both production and distribution are included here. . . .

However, the notes following activity code 7814 specifically exclude video tape reproduction. The Commission therefore concludes that video tape reproduction is not encompassed by the 1972 manual's activity code 7814.

By its own terms, the 1972 SIC manual is intended to cover the entire field of economic activities. If Video West's video tape reproduction activities are not included in the manual's activity code 3652 as urged by Petitioner, or in activity code 7814 as urged by Respondent, it must be included in another of the manual's activity codes. The Commission finds that video tape reproduction is included in the manual's activity code 7819--Services Allied to Motion Picture Production:

Establishments primarily engaged in performing services independent of motion picture production but allied thereto, such as motion picture film processing, editing and titling; casting bureaus; wardrobe and studio property rental; television tape services (editing, transfers, etc.); and stock footage film libraries.

The foregoing list of activities allied to motion picture production is not exclusive and is broad enough to encompass video tape reproduction. The 1987 SIC Manual specifically places "motion picture and video tape reproduction" in activity code 7819.

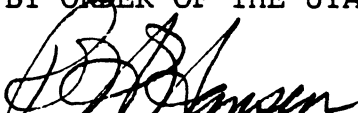
The Commission's obligation in this matter is to determine whether Video West's activities fall with the SIC activity codes designated by the legislature as qualifying for exemption from sales tax. The Commission has no authority to extend the exemption beyond the scope of the legislative determination. After reviewing the various SIC activity codes and comments, the Commission concludes that Video West's reproduction of video tapes is included in activity 7819 of the 1972 SIC manual. Because Video West's activities fall outside


Appeal No. 91-02.


those SIC classifications which are exempt from sales and use tax under U.C.A. §59-12-104(15), the Commission concludes Petitioner is liable for payment of sales and use tax with respect to machinery and equipment purchased or leased by Video West for the reproduction of video tapes. The Commission therefore reaffirms its previous declaratory order as it pertains to Video West and denies Video West's request for refund of sales tax already paid. It is so ordered.

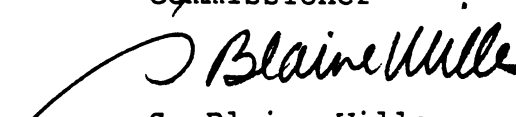
DATED this 2<sup>nd</sup> day of September, 1991.

BY ORDER OF THE UTAH STATE TAX COMMISSION.

  
R. H. Hansen  
Chairman

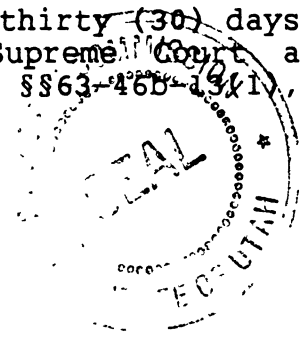
  
Roger O. Tew  
Commissioner

  
Joe B. Pacheco  
Commissioner

  
S. Blaine Willes  
Commissioner

NOTICE: You have twenty (20) days after the date of the final order to file a request for reconsideration or thirty (30) days after the date of final order to file in Supreme Court a petition for judicial review. Utah Code Ann. §§63-46b-10(1), 63-46b-14(2)(a).

AH/sj/3143w



MAILING CERTIFICATE

I hereby certify that I mailed a copy of the foregoing  
Decision to the following:

Bonneville International Corp.  
c/o Roland Radack  
KSL Video West, Bonneville  
KSL Broadcast House 5 Triad Center  
Salt Lake City, UT 84180

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Brian Tarbet  
Assistant Attorney General  
36 South State, 11th Floor  
Salt Lake City, UT 84111

DATED this 3<sup>rd</sup> day of September, 1992.

  
Secretary

## Addendum 2





4. The Standard Industry Classification code for Bonneville International Corporation is 4830.

5. Video West engages in assembly, duplication and distribution of video tapes. Video West manufactures over one and one-half million video tapes annually. In fiscal year 1990, Video West had \$6.9 million dollars in net sales of which \$3.1 million dollars arose from video tape duplication and \$3.8 million dollars from production of commercials, training tapes, etc.

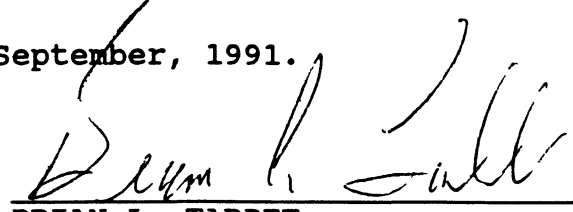
6. Video West performs its assembly, duplication and distribution activities at a distinct location separate and apart from Bonneville and its other divisions.

7. Video West is a separate cost center within Bonneville and has its own separate financial statements.

8. Another one of Bonneville's divisions, Bonneville Communications, has requested the same sales tax exemption as Video West (i.e., § 59-12-104(16)). Bonneville Communications operates a business nearly identical to Video West's, the only substantive difference being that Bonneville Communications manufactures audio tapes and Video West manufactures video tapes. Respondent noted in its June 3, 1991 Answer to Petition for Redetermination and Notice that it "agrees that [Bonneville Communications] qualifies as a manufacturer for the reproduction of audio tapes...."

9. Petitioner and Respondent agree that Video West is a manufacturer engaged in the reproduction of video tapes.

DATED this 20<sup>th</sup> day of September, 1991.



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BRIAN L. TARBET  
Attorney for the Auditing Division  
Utah State Tax Commission



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BOYD J. HAWKINS  
Assistant General Counsel, Bonneville  
International Corporation

## Addendum 3

EXECUTIVE OFFICE OF THE PRESIDENT  
OFFICE OF MANAGEMENT AND BUDGET

**STANDARD  
INDUSTRIAL  
CLASSIFICATION  
MANUAL**

**1972**

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PREPARED BY THE STATISTICAL POLICY DIVISION

## Division D

# Manufacturing

### *The Division as a Whole*

The manufacturing division includes establishments engaged in the mechanical or chemical transformation of materials or substances into new products. These establishments are usually described as plants, factories, or mills and characteristically use power driven machines and materials handling equipment. Establishments engaged in assembling component parts of manufactured products are also considered manufacturing if the new product is neither a structure nor other fixed improvement. Also included is the blending of materials such as lubricating oils, plastics, resins, or liquors.

The materials processed by manufacturing establishments include products of agriculture, forestry, fishing, mining, and quarrying as well as products of other manufacturing establishments. The new product of a manufacturing establishment may be "finished" in the sense that it is ready for utilization or consumption, or it may be "semifinished" to become a raw material for an establishment engaged in further manufacturing. For example, the product of the copper smelter is the raw material used in electrolytic refineries; refined copper is the raw material used by copper wire mills; and copper wire is the raw material used by certain electrical equipment manufacturers.

The materials used by manufacturing establishments may be purchased directly from producers, obtained through customary trade channels, or secured without recourse to the market by transferring the product from one establishment to another which is under the same ownership. Manufacturing production is usually carried on for the wholesale market, for interplant transfer, or to order for industrial users, rather than for direct sale to the domestic consumer.

There are numerous borderline cases between manufacturing and other divisions of the classification system. Specific instances will be found in the descriptions of the individual industries. The following activities, although not always considered as manufacturing, are so classified:

- |   |  |
|---|--|
| Milk bottling and pasteurizing;   | Leather converting;  |
| Fresh fish packaging (oyster shucking, fish filleting);   | Logging;   |
| Apparel jobbing (assigning of materials to contract factories or shops for fabrication or other contract operations) as well as contracting on materials owned by others; | Wood preserving;   |
| Publishing;   | Various service industries to the manufacturing trade, such as typesetting, engraving, plate printing, and preparing electrotyping and stereotype plates, but not blueprinting or photocopying services; |
| Ready-mixed concrete production;  |  |

Electroplating, plating, metal heat treating, and polishing for the trade;

Lapidary work for the trade; Fabricating of signs and advertising displays.

There are also some manufacturing-type activities performed by establishments which are primarily engaged in activities covered by other divisions, and are thus not classified as manufacturing. A few of the more important examples are:

#### ***Agriculture, Forestry, and Fishing***

Processing on farms is not considered manufacturing if the raw materials are grown on the farm and if the manufacturing activities are on a small scale without the extensive use of paid labor. Other exclusions are custom grist milling, threshing, and cotton ginning.

#### ***Mining***

The dressing and beneficiating of ores; the breaking, washing, and grading of coal; the crushing and breaking of stone; and the crushing, grinding, or otherwise preparing of sand, gravel, and nonmetallic chemical and fertilizer minerals other than barite are classified in Mining.

#### ***Construction***

Fabricating operations performed at the site of construction by contractors are not considered manufacturing, but the prefabrication of sheet metal, concrete, and terrazzo products and similar construction materials is included in the Manufacturing Division.

#### ***Wholesale and Retail Trade***

Establishments engaged in the following types of operations are included in Wholesale or Retail Trade: cutting and selling purchased carcasses; preparing feed at grain elevators and farm supply stores; stemming leaf tobacco at wholesale establishments; and production of wiping rags. The breaking of bulk and redistribution in smaller lots, including packaging, repackaging, or bottling products such as liquors or chemicals, is also classified as Wholesale or Retail Trade. Also included in Retail Trade are establishments primarily engaged in selling, to the general public, products produced on the same premises from which they are sold, such as bakeries, candy stores, ice cream parlors, and custom tailors.

#### ***Services***

Tire retreading and rebuilding, sign painting and lettering shops, and the production of motion picture films are classified in Services. Repair activities are classified as Services, except ship and boat building and repair, the rebuilding of machinery and equipment on a factory basis, and machine shop repair, all of which are classified as manufacturing.

#### ABBREVIATIONS USED FOR INDEX ITEMS

*mach.*—machinery.

*mjpm*—made from purchased materials or materials transferred from another establishment.

*mitse*—made in the same establishment as the basic materials.

## Major Group 20.—FOOD AND KINDRED PRODUCTS

### *The Major Group as a Whole*

This major group includes establishments manufacturing or processing foods and beverages for human consumption, and certain related products, such as manufactured ice, chewing gum, vegetable and animal fats and oils, and prepared feeds for animals and fowls.

Group No. 201

Industry No. **MEAT PRODUCTS**  
**2011 Meat Packing Plants**

Establishments primarily engaged in the slaughtering, for their own account or on a contract basis for the trade, of cattle, hogs, sheep, lambs, and calves for meat to be sold or to be used on the same premises in canning and curing, and in making sausage, lard, and other products. Establishments primarily engaged in killing, dressing, and packing poultry, rabbits, and other small game are classified in Industry 2016; and those primarily engaged in killing and processing horses and other nonfood animals are classified in Industry 2047. Establishments primarily engaged in manufacturing sausages and meat specialties from purchased meats are classified in Industry 2013; and establishments primarily engaged in canning meat for baby food are classified in Industry 2032.

Abattoirs, on own account or for the trade: except nonfood animals  
 Bacon, slab and sliced: *mitse*  
 Beef, *mitse*  
 Blood meal  
 Canned meats, except baby foods: *mitse*  
 Cured meats, *mitse*  
 Hams and picnics, *mitse*  
 Hides, cured or uncured: *mitse*  
 Lamb, *mitse*  
 Lard, *mitse*

Meat extracts, *mitse*  
 Meat, *mitse*  
 Meat packing plants  
 Mutton, *mitse*  
 Pork, *mitse*  
 Sausages, *mitse*  
 Slaughtering plants: except nonfood animals  
 Variety meats (fresh edible organs), *mitse*  
 Veal, *mitse*

### **2013 Sausages and Other Prepared Meat Products**

Establishments primarily engaged in manufacturing sausages, cured meats, smoked meats, canned meats, frozen meats, natural sausage casings, and other prepared meats and meat specialties, from purchased carcasses and other materials. Sausage kitchens and other prepared meat plants operated by packing houses as separate establishments also are included in this industry. Establishments primarily engaged in canning or otherwise processing poultry, rabbits, and other small game are classified in Industries 2016 and 2017. Establishments primarily engaged in the cutting up and resale of purchased fresh carcasses are classified in trade industries. Establishments primarily engaged in canning meat for baby food are classified in Industry 2032.

Bacon, side and sliced: *m/jpm*  
 Beef, dried: *m/jpm*  
 Bologna, *m/jpm*  
 Boneless meat, *m/jpm*  
 Calf's foot jelly  
 Canned meats, except baby foods: *m/jpm*  
 Casings, sausage: natural  
 Corned beef  
 Corned meats, *m/jpm*  
 Cured meats: brined, dried, and salted—*m/jpm*  
 Dried meats, *m/jpm*  
 Frankfurters, canned or not canned: *m/jpm*  
 Ham: boiled, boneless, roasted, and smoked—*m/jpm*  
 Ham, canned: *m/jpm*  
 Head cheese, *m/jpm*  
 Lard, *m/jpm*  
 Luncheon meat, canned

Meat extracts, *m/jpm*  
 Meat products: cooked, cured, frozen, smoked, spiced, and boneless—*m/jpm*  
 Pastrami, *m/jpm*  
 Pigs' feet, cooked and pickled: *m/jpm*  
 Pork: pickled, cured, salted, or smoked—*m/jpm*  
 Potted meats  
 Puddings, meat: *m/jpm*  
 Roast beef  
 Sandwich spreads, meat: *m/jpm*  
 Sausage casings, natural  
 Sausages, *m/jpm*  
 Scrapple, *m/jpm*  
 Smoked meats, *m/jpm*  
 Spreads, sandwich: meat—*m/jpm*  
 Stew, beef and lamb  
 Tripe, *m/jpm*  
 Vienna sausage, canned or not canned

Group Industry  
No. No.

**201 MEAT PRODUCTS—Continued**

**2016 Poultry Dressing Plants**

Establishments primarily engaged in slaughtering and dressing poultry for their own account or on a contract basis for the trade for meat to be sold or to be used on the same premises in further processing, including cooking, smoking, raw-boning, canning, freezing, and dehydrating. This industry also includes the killing, dressing, and packing of rabbits and other small game. Establishments primarily engaged in processing purchased carcasses are classified in Industry 2017.

Chickens: slaughtering, dressing, and packing for the wholesale trade  
Ducks, dressed and packed  
Game, small: frozen—*mitae*  
Geese, dressed and packed  
Poultry, frozen: *mitae*

Poultry slaughtering, dressing, and packing for the wholesale trade  
Rabbits: slaughtering, dressing, and packing for the wholesale trade  
Turkeys: slaughtering, dressing, and packing for the wholesale trade

**2017 Poultry and Egg Processing**

Establishments primarily engaged in the preparation of processed poultry products from purchased carcasses, including cooking, smoking, raw-boning, canning, freezing, and dehydrating, for their own account or on a contract basis for the trade; or in the drying, freezing, and breaking of eggs. The cleaning, oil treating, packing, and grading of eggs are classified in Industry 5144. Establishments primarily engaged in the cutting up and resale of purchased fresh carcasses are classified in the trade industries.

Chicken, canned: solid pack, deviled, and potted—*m/pm*  
Egg albumen  
Eggs: canned, dehydrated, desiccated, frozen, processed

Eggs: drying, freezing, and breaking  
Poultry, canned: *m/pm*  
Poultry, frozen: *m/pm*

**202**

**DAIRY PRODUCTS**

This group includes establishments primarily engaged in: (1) manufacturing creamery butter; natural cheese; condensed and evaporated milk; ice cream and frozen desserts; and special dairy products, such as processed cheese and malted milk; and (2) processing (pasteurizing, homogenizing, vitaminizing, bottling) fluid milk and cream for wholesale or retail distribution. Independently operated milk receiving stations primarily engaged in the assembly and reshipment of bulk milk for the use of manufacturing or processing plants are classified in Industry 5143.

**2021 Creamery Butter**

Establishments primarily engaged in manufacturing creamery butter.

Anhydrous milkfat  
Butter, creamery and whey

Butter oil

**2022 Cheese, Natural and Processed**

Establishments primarily engaged in manufacturing all types of natural cheese (except cottage cheese—Industry 2026), processed cheese, cheese foods, and cheese spreads.

Cheese, all types and varieties except cottage cheese  
Cheese, natural  
Cheese, processed

Cheese spreads, pastes, and cheese-like preparations  
Processed cheese  
Sandwich spreads, cheese



Group  
No. 202

Industry  
No. **DAIRY PRODUCTS—Continued**  
**2023 Condensed and Evaporated Milk**

Establishments primarily engaged in manufacturing condensed and evaporated milk and related products, including ice cream mix and ice milk mix made for sale as such, and dry milk products. Also included is the manufacture of nondairy-base cream substitutes and dietary supplements.

|   |  |
|---|--|
| Baby formula: fresh, processed, and bottled                             | Lactose, edible  |
| Buttermilk: concentrated, condensed, dried, evaporated, and powdered    | Malted milk  |
| Casein, dry and wet   | Milk: concentrated, condensed, dried, evaporated, and powdered |
| Cream substitutes   | Milk, whole: canned  |
| Cream: dried, powdered, and canned                                      | Skim milk: concentrated, dried, and powdered                   |
| Dry milk products: whole milk, nonfat milk, buttermilk, whey, and cream | Sugar of milk  |
| Ice cream mix, unfrozen: made in condensed and evaporated milk plants   | Whey: concentrated, condensed, dried, evaporated, and powdered |
| Ice milk mix, unfrozen: made in condensed and evaporated milk plants    |  |

**2024 Ice Cream and Frozen Desserts**

Establishments primarily engaged in manufacturing ice cream and other frozen desserts.

|  |                         |
|--|-------------------------|
| Custard, frozen                                    | Ices and sherbets       |
| Desserts, frozen                                   | Mellorine               |
| Ice cream: bulk, packaged, molded, on sticks, etc. | Mellorine-type products |
| Ice milk: bulk, packaged, molded, on sticks, etc.  | Parfait                 |
|  | Sherbets and ices       |
|  | Spumoni                 |

**2026 Fluid Milk**

Establishments primarily engaged in processing (pasteurizing, homogenizing, vitaminizing, bottling) and distributing fluid milk and cream, and related products; including cottage cheese.

|   |   |
|---|---|
| Buttermilk, cultured  | Milk, acidophilus   |
| Chocolate milk  | Milk, bottled   |
| Cottage cheese, including pot, bakers', and farmers' cheese | Milk processing (pasteurizing, homogenizing, bottling) and distribution |
| Cream, aerated  | Milk products, made from fresh skim milk                                |
| Cream, bottled  | Whipped cream   |
| Cream, plastic  | Whipped topping, butterfat base   |
| Cream, sour   | Yoghurt   |
| Flavored milk drinks  | Zoolak  |
| Kumyss  |   |

**203 CANNED AND PRESERVED FRUITS AND VEGETABLES**

**2032 Canned Specialties**

Establishment primarily engaged in canning specialty products, such as baby foods, "native foods," health foods, and soups except seafood. Establishments primarily engaged in canning seafoods other than frozen are classified in Industry 2091, frozen seafoods in Industry 2092, and those primarily engaged in quick freezing canned specialties in Industry 2038.

|   |                                 |
|---|---------------------------------|
| <i>Baby foods, canned (including meats)</i>     | <i>Food specialties, canned</i> |
| Baked beans with pork, canned                   | Health foods, canned            |
| Bean sprouts, canned                            | Italian foods, canned           |
| Beans, baked: without meat—canned               | Macaroni, canned                |
| Beans with meat, canned                         | Meat pies, canned               |
| Broth, except seafood: canned                   | Mexican foods, canned           |
| Cakes: Italian, Spanish, Mexican, Chinese, etc. | Mince meat, canned              |
| Chicken broth and soup, canned                  | "Native" foods, canned          |
| Chili con carne, canned                         | Puddings, fig and plum—canned   |
| Chinese foods, canned                           | Ravioli, canned                 |
| Chop suey, canned                               | Soups, except seafood: canned   |
| Chow mein, canned                               | Spaghetti, canned               |
| Enchiladas, canned                              | Spanish foods, canned           |
| Fish cakes, canned                              | Tamales, canned                 |
|   | Tortillas, canned               |

Group Industry  
No. No.  
203

### CANNED AND PRESERVED FRUITS AND VEGETABLES—Continued

#### 2033 Canned Fruits, Vegetables, Preserves, Jams, and Jellies

Establishments primarily engaged in canning fruits and vegetables, and fruit and vegetable juices; and in manufacturing catsup and similar tomato sauces, preserves, jams, and jellies. Establishments primarily engaged in canning seafoods (except frozen) are classified in Industry 2091; and canned specialties, baby foods and soups (except seafood) in Industry 2032.

|   |   |
|---|---|
| Artichokes in olive oil, bottled                          | Marmalade   |
| Barbecue sauce  | Mushrooms, canned                                 |
| Catsup  | Nectars, fruit                                    |
| Cherries, maraschino                                      | Olives, including stuffed: bottled                |
| Chili sauce, tomato                                       | Pastes, fruit and vegetable                       |
| Fruit butters   | Preserves   |
| Fruits: canned, bottled, and preserved                    | Purees, fruit and vegetable                       |
| Hominy, canned  | Sauerkraut, canned                                |
| Jams  | Seasonings (prepared sauces), tomato              |
| Jellies, edible   | Tomato juice and cocktails, bottled and<br>canned |
| Juices, fruit and vegetable: canned,<br>bottled, and bulk | Tomato paste                                      |
| Ketchup   | Tomato sauce                                      |
| Kraut, canned   | Vegetables, canned                                |

#### 2034 Dried and Dehydrated Fruits, Vegetables, and Soup Mixes

Establishments primarily engaged in sun drying or artificially dehydrating fruits and vegetables, or in manufacturing packaged soup mixes from dehydrated ingredients. Establishments primarily engaged in the grading and marketing of farm dried fruits, such as prunes and raisins, are classified in Industry 5149.

|  |   |
|--|---|
| Dates, dried   | Potato flakes, granules and other de-<br>hydrated potato products |
| Dehydrated fruits, vegetables, and<br>soups          | Prunes, dried   |
| Freeze-dry food processing, fruits and<br>vegetables | Raisins   |
| Fruits, sulphured                                    | Soup mixes  |
| Nuts, dried or dehydrated                            | Soup powders  |
| Olives, dried  | Vegetables, sulphured   |

#### 2035 Pickled Fruits and Vegetables, Vegetable Sauces and Seasonings, and Salad Dressings

Establishments primarily engaged in pickling and brining fruits and vegetables, and in manufacturing salad dressings, vegetable relishes, sauces, and seasonings. Establishments primarily engaged in manufacturing catsup and similar tomato sauces are classified in Industry 2033, and those packing purchased pickles and olives in trade industries.

|                                  |   |
|----------------------------------|---|
| Brining of fruits and vegetables | Salad dressings, raw and cooked                             |
| Cherries, brined                 | Sandwich spreads, salad dressing base                       |
| Dressings, food                  | Sauces, meat (seasoning): except<br>catsup                  |
| French dressing                  | Sauces, vegetable, except tomato                            |
| Fruits, pickled and brined       | Sauerkraut, bulk  |
| Horseradish, prepared            | Seasonings (prepared sauces), vegeta-<br>ble: except tomato |
| Kraut, bulk                      | Soy sauce   |
| Mayonnaise                       | Thousand Island dressing                                    |
| Mustard, prepared (wet)          | Vegetable sauces, except tomato                             |
| Olives, brined: bulk             | Vegetables, pickled and brined                              |
| Onions, pickled                  | Vinegar pickles and relishes                                |
| Pickles and pickle salting       | Worcestershire sauce  |
| Relishes, fruit and vegetable    |   |
| Russian dressing                 |   |

#### 2037 Frozen Fruits, Fruit Juices and Vegetables

Establishments primarily engaged in freezing and cold packing (freezing) fruits, fruit juices, and vegetables.

|  |  |
|--|--|
| Concentrates, frozen fruit juice               | Fruits, quick frozen and cold pack<br>(frozen)     |
| Dried citrus pulp                              | Vegetables, quick frozen and cold pack<br>(frozen) |
| Frozen fruits, fruit juices, and<br>vegetables |  |
| Fruit juices, frozen                           |  |

Group Industry  
No. No.  
203

## CANNED AND PRESERVED FRUITS AND VEGETABLES—Continued

### 2038 Frozen Specialties

Establishments primarily engaged in freezing and cold packing (freezing) food specialties, such as frozen dinners and frozen pizza.

|   |                                      |
|---|--------------------------------------|
| Baked goods, frozen : except bread and bread-type rolls | "Native" foods, frozen               |
| Dinners, frozen : packaged                              | Pies, frozen                         |
| Food specialties, frozen                                | Pizza, frozen                        |
| Frozen dinners, packaged                                | Soups, frozen : except seafood soups |
| Meals, frozen   | Spaghetti and meat balls, frozen     |
|   | Waffles, frozen                      |

204

## GRAIN MILL PRODUCTS

### 2041 Flour and Other Grain Mill Products

Establishments primarily engaged in milling flour or meal from grain, except rice. The products of flour mills may be sold plain or in the form of prepared mixes or doughs for specific purposes. Establishments primarily engaged in manufacturing prepared flour mixes or doughs from purchased ingredients are classified in Industry 2045, and rice milling in Industry 2044.

|   |  |
|---|--|
| Bran and middlings, except rice                         | Flour mills                                  |
| Bread and bread-type roll mixes, <i>mitse</i>           | Flour mixes, <i>mitse</i>                    |
| Buckwheat flour   | Graham flour                                 |
| Cake flour, <i>mitse</i>                                | Granular wheat flour                         |
| Cereals, cracked grain : <i>mitse</i>                   | Grits and flakes, corn : for brewers' use    |
| Corn grits and flakes, for brewers' use                 | Hominy grits, except breakfast food          |
| Dough, biscuit : canned— <i>mitse</i>                   | Meal, corn                                   |
| Doughs, refrigerated : <i>mitse</i>                     | Milling of grains, except rice               |
| Durum flour   | Pizza mixes and prepared dough, <i>mitse</i> |
| Farina, <i>mitse</i>                                    | Semolina (flour)                             |
| Flour : blended, prepared, or self-rising— <i>mitse</i> | Sorghum grain flour                          |
| Flour : buckwheat, corn, rye, and wheat                 | Wheat germ                                   |
|   | Wheat mill feed                              |

### 2043 Cereal Breakfast Foods

Establishments primarily engaged in manufacturing cereal breakfast foods and related preparations.

|   |                                      |
|---|--------------------------------------|
| Breakfast foods, cereal                         | Infants' foods, cereal type          |
| Coffee substitutes, made from grain             | Oatmeal (cereal breakfast food)      |
| Corn flakes                                     | Oats, rolled (cereal breakfast food) |
| Corn, hulled (cereal breakfast food)            | Rice breakfast foods                 |
| Farina (cereal breakfast food)                  | Wheat flakes                         |
| Hominy grits, prepared as cereal breakfast food |                                      |

### 2044 Rice Milling

Establishments primarily engaged in cleaning and polishing rice, and in manufacturing rice flour or meal. Other important products of this industry include brown rice, milled rice (including polished rice), rice polish, and rice bran.

|                            |                                    |
|----------------------------|------------------------------------|
| Flour, rice                | Rice, brown                        |
| Milling of rice            | Rice cleaning and polishing        |
| Polishing of rice          | Rice polish                        |
| Rice bran, flour, and meal | Rice, vitamin and mineral enriched |
| Rice, brewers'             |                                    |

### 2045 Blended and Prepared Flour

Establishments primarily engaged in the preparation of blended flours and flour mixes or doughs from purchased flour. Establishments primarily engaged in milling flour from grain are classified in Industry 2041.

|  |  |
|--|--|
| Biscuit flour, prepared : <i>mjpm</i>              | Flour : blended, prepared, or self-rising— <i>mjpm</i> |
| Bread and bread-type roll mixes, <i>mjpm</i>       | Gingerbread mix, prepared : <i>mjpm</i>                |
| Cake flour, <i>mjpm</i>                            | Pancake flour, prepared : <i>mjpm</i>                  |
| Cake mixes, prepared : <i>mjpm</i>                 | Phosphated flour, <i>mjpm</i>                          |
| Dough, biscuit : canned— <i>mjpm</i>               | Pizza mixes and prepared doughs, <i>mjpm</i>           |
| Doughnut flour, prepared : <i>mjpm</i>             |  |
| Doughs, refrigerated : <i>mjpm</i>                 |  |
| Farina, except cereal breakfast food : <i>mjpm</i> |  |

Group Industry  
No. No.

**204 GRAIN MILL PRODUCTS—Continued**

**2046 Wet Corn Milling**

Establishments primarily engaged in milling corn or sorghum grain (milo) by the wet process, and producing starch, sirup, oil, sugar, and byproducts, such as gluten feed and meal. Establishments primarily engaged in manufacturing starch from other vegetable sources (potato, wheat, etc.) are also included. Establishments primarily engaged in manufacturing table sirups from corn sirup and other ingredients, and those manufacturing starch base dessert powders, are classified in Industry 2099.

|                               |                                 |
|-------------------------------|---------------------------------|
| Corn oil cake and meal        | Rice starch                     |
| Corn sirup, dried             | Sirup, corn : unmixed           |
| Corn starch                   | Starch, instant                 |
| Dextrine                      | Starch, liquid                  |
| Dextrose                      | Starches, edible and industrial |
| Feed, gluten                  | Steepwater concentrate          |
| Hydroly                       | Sugar, corn                     |
| Meal, gluten                  | Tapioca                         |
| Oil, corn : crude and refined | Wheat starch                    |
| Potato starch                 |                                 |

**2047 Dog, Cat and Other Pet Food**

Establishments primarily engaged in manufacturing dog, cat and other pet food from cereal, meat, and other ingredients. These preparations may be canned, frozen, or dry. This industry also includes establishments slaughtering animals for pet food. Establishments primarily engaged in manufacturing feed for animals, other than pets, are classified in Industry 2048.

|                                       |                                 |
|---------------------------------------|---------------------------------|
| Bird food, prepared                   | Pet food : canned, frozen, dry  |
| Dog and cat food                      | Slaughtering of nonfood animals |
| Horse meat : canned, fresh, or frozen |                                 |

**2048 Prepared Feeds and Feed Ingredients for Animals and Fowls, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing prepared feeds and feed ingredients and adjuncts, for animals and fowls, not elsewhere classified. This industry includes poultry and livestock feed and feed ingredients, such as alfalfa meal, feed supplements, and feed concentrates and feed premixes. Establishments primarily engaged in manufacturing pet foods are classified in Industry 2047.

|   |   |
|---|---|
| Alfalfa meal, dehydrated or sun-cured                                   | Kelp meal and pellets   |
| Alfalfa, prepared as feed for animals                                   | Livestock feeds   |
| Animal feeds, prepared  | Meal, alfalfa   |
| Buttermilk emulsion for animal food                                     | Meal, bone : prepared as feed for animals and fowls           |
| Chicken feeds, prepared   | Mineral feed supplements                                      |
| Citrus seed meal  | Oats : crimped, pulverized and rolled (except breakfast food) |
| Feather meal, made from purchased materials                             | Oyster shells, ground : used as feed for animals and fowls    |
| Feed concentrates   | Poultry feeds   |
| Feed premixes   | Shell crushing, for feed                                      |
| Feeds, prepared (including mineral) : for animals and fowls—except pets | Stock feeds, dry  |
| Feed supplements  |   |

**205**

**BAKERY PRODUCTS**

**2051 Bread and Other Bakery Products, Except Cookies and Crackers**

Establishments primarily engaged in manufacturing bread, cakes, and other "perishable" bakery products. Establishments manufacturing bakery products for sale primarily for home service delivery, or through one or more non-baking retail outlets, are included in this industry. Establishments primarily engaged in producing "dry" bakery products, such as biscuits, crackers, and cookies are classified in Industry 2052. Establishments producing bakery products primarily for direct sale on the premises to household consumers are classified in Retail Trade, Industry 5462.

|   |   |
|---|---|
| Bagels  | Bakeries : wholesale, wholesale and retail combined |
| Bakeries, manufacturing for home service delivery | Bakery products, partially cooked (not frozen)      |

Group Industry  
No. No.  
205

**BAKERY PRODUCTS—Continued**

**2051 Bread and Other Bakery Products, Except Cookies and Crackers—Continued**

|  |                                |
|--|--------------------------------|
| Bakery products, "perishable": bread, cakes, doughnuts, pastries, etc. | Crullers                       |
| Biscuits, baked: baking powder and raised                              | Knishes                        |
| Bread, brown: Boston and other—canned                                  | Pastries: Danish, French, etc. |
| Buns (bakery products)   | Pies, except meat pies         |
| Charlotte Russe (bakery product)                                       | Rolls (bakery products)        |
|  | Sponge goods (bakery products) |
|  | Sweet yeast goods              |

**2052 Cookies and Crackers**

Establishments primarily engaged in manufacturing cookies, crackers, pretzels, and similar "dry" bakery products. Establishments primarily engaged in producing "perishable" bakery products are classified in Industry 2051.

|   |                              |
|---|------------------------------|
| Bakery products, "dry": biscuits, crackers, pretzels, etc.    | Cracker meal and crumbs      |
| Biscuits, baked: dry, except baking powder and raised biscuit | Crackers: graham, soda, etc. |
| Communion wafers  | Matzoths                     |
| Cones, ice cream  | Rusk, machine-made           |
| Cookies   | Saltines                     |
|   | Zwieback, machine-made       |

206

**SUGAR AND CONFECTIONERY PRODUCTS**

**2061 Cane Sugar, Except Refining Only**

Establishments primarily engaged in manufacturing raw sugar, sirup, or finished (granulated or clarified) cane sugar from sugarcane. Establishments primarily engaged in refining sugar from purchased raw cane sirup or sugar sirups are classified in Industry 2062.

|  |                                  |
|--|----------------------------------|
| Granulated cane sugar, made from sugarcane | Molasses, made from sugarcane    |
| Molasses, blackstrap                       | Sirup, cane: made from sugarcane |

**2062 Cane Sugar Refining**

Establishments primarily engaged in refining purchased raw cane sugar and sugar sirup.

|  |  |
|--|--|
| Cane sugar, refined: made from purchased raw cane sugar or sugar sirup | Refiners' blackstrap molasses                              |
| Granulated cane sugar, made in refineries from purchased sugar         | Refiners' sirup, cane                                      |
| Refineries, cane sugar   | Sirup, cane: made in sugar refineries from purchased sugar |
|  | Sugar, invert  |

**2063 Beet Sugar**

Establishments primarily engaged in manufacturing sugar from sugar beets.

|  |                                 |
|--|---------------------------------|
| Dried beet pulp                            | Molasses, made from sugar beets |
| Liquid sugar or sirup, beet sugar refining | Sugar, beet                     |

**2065 Candy and Other Confectionery Products**

Establishments primarily engaged in manufacturing candy, including chocolate candy, salted nuts, other confections and related products. Establishments primarily engaged in manufacturing solid chocolate bars are classified in Industry 2066 and chewing gum in Industry 2067. Establishments primarily engaged in manufacturing confectionery for direct sale on the premises are classified in Industry 5441, and those primarily engaged in shelling and roasting nuts are classified in Industry 5145.

|   |  |
|---|--|
| Bars, candy: including chocolate covered bars                 | Fruits: candied, glazed, and crystallized                  |
| Cake ornaments, confectionery                                 | Fudge (candy)  |
| Candy, except solid chocolate                                 | Halvah   |
| Chewing candy (not chewing gum)                               | Licorice candy   |
| Chocolate candy, except solid chocolate                       | Lozenges, candy: nonmedicated                              |
| Confectionery   | Marshmallows   |
| Cough drops, except pharmaceutical preparations               | Marzipan   |
| Dates: chocolate covered, sugared, and stuffed                | Nuts, glaze  |
| Fruit peel products: candied, glazed, glaze, and crystallized | Nuts, salted or candy covered: packaged                    |
|   | Popcorn balls and other treated popcorn products, packaged |

Group Industry  
No. No.

**206 SUGAR AND CONFECTIONERY PRODUCTS—Continued**

**2066 Chocolate and Cocoa Products**

Establishments primarily engaged in shelling, roasting, and grinding cacao beans for the purpose of making chocolate liquor, from which cocoa powder and cocoa butter are derived, and in the further manufacture of solid chocolate bars and chocolate coatings. Establishments primarily engaged in manufacturing products, except candy, from purchased chocolate and cocoa are classified in Industry 2099, and chocolate candy in Industry 2065.

|   |   |
|---|---|
| Baking chocolate  | Chocolate coatings and sirups, made in chocolate plants               |
| Bars, candy: solid chocolate  | Chocolate liquor  |
| Cacao bean products: chocolate, cocoa butter, and cocoa                   | Chocolate, sweetened or unsweetened                                   |
| Cacao beans: shelling, roasting, and grinding for making chocolate liquor | Cocoa butter  |
| Candy, solid chocolate  | Cocoa, powdered: mixed with other substances—made in chocolate plants |
| Chocolate bars  |   |

**2067 Chewing Gum**

Establishments primarily engaged in manufacturing chewing gum or chewing gum base.

|             |                  |
|-------------|------------------|
| Chewing gum | Chewing gum base |
|-------------|------------------|

**207 FATS AND OILS**

**2074 Cottonseed Oil Mills**

Establishments primarily engaged in manufacturing cottonseed oil, and byproduct cake, meal, and linters. Establishments primarily engaged in refining cottonseed oil into edible cooking oils are classified in Industry 2079.

Cottonseed oil, cake, and meal: made in cottonseed oil mills

**2075 Soybean Oil Mills**

Establishments primarily engaged in manufacturing soybean oil, and byproduct cake and meal. Establishments primarily engaged in refining soybean oil into edible cooking oils are classified in Industry 2079.

|          |                             |
|----------|-----------------------------|
| Lecithin | Soybean oil, cake, and meal |
|----------|-----------------------------|

**2076 Vegetable Oil Mills, Except Corn, Cottonseed, and Soybean**

Establishments primarily engaged in manufacturing vegetable oils and byproduct cake and meal, except corn, cottonseed, and soybean. Establishments primarily engaged in manufacturing corn oil and its byproducts are classified in Industry 2046, those which are refining vegetable oils into edible cooking oils are classified in Industry 2079, and those refining these oils for medicinal purposes in Industry 2833.

|   |  |
|---|--|
| Castor oil and pomace                                 | Peanut oil, cake, and meal: made in peanut oil mills |
| Coconut oil   | Safflower oil  |
| Linseed oil, cake, and meal                           | Tallow, vegetable                                    |
| Oils, vegetable: except corn, cottonseed, and soybean | Tung oil   |
| Oiticica oil  | Walnut oil, except artists' materials                |
| Palm kernel oil                                       |  |

**2077 Animal and Marine Fats and Oils**

Establishments primarily engaged in manufacturing animal oils, including fish oil and other marine animal oils and fish and animal meal; and those rendering inedible grease and tallow from animal fat, bones, and meat scraps. Establishments primarily engaged in manufacturing lard and edible tallow and stearin are classified in Group 201; those refining marine animal oils for medicinal purposes in Industry 2833; and those manufacturing fatty acids in Industry 2899.

|                            |   |
|----------------------------|---|
| Fish liver oils, crude     | Oil, neat's-foot  |
| Fish meal                  | Oils, animal  |
| Fish oil and fish oil meal | Oils, fish and marine animal: herring, menhaden, whale (refined), sardine |
| Meat meal and tankage      | Rendering plants, grease and tallow                                       |
| Neat's-foot oil            | Stearin, animal: inedible   |
| Oil and meal, fish         |   |

Group No. 207 Industry No.

**FATS AND OILS—Continued**

**2079 Shortening, Table Oils, Margarine and Other Edible Fats and Oils, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing shortening, table oils, margarine, and other edible fats and oils, not elsewhere classified, by further processing of purchased animal and vegetable oils. Establishments primarily engaged in producing corn oil are classified in Industry 2046.

Butterine  
Cottonseed oil, refined: not made in cottonseed oil mills  
Margarine  
Nut margarine  
Oleomargarine

Olive oil  
Peanut oil, refined: not made in peanut oil mills  
Shortenings, compound and vegetable  
Vegetable cooking and salad oils, except corn oil: refined

208

**BEVERAGES**

**2082 Malt Beverages**

Establishments primarily engaged in manufacturing all kinds of malt beverages. Establishments primarily engaged in bottling purchased malt beverages are classified in Industry 5181.

Ale  
Beer (alcoholic beverage)  
Breweries  
Brewers' grain  
Liquors, malt

Malt extract, liquors, and sirups  
Near beer  
Porter (alcoholic beverage)  
Stout (alcoholic beverage)

**2083 Malt**

Establishments primarily engaged in manufacturing malt or malt byproducts from barley or other grains.

Malt: barley, rye, wheat, and corn  
Malt byproducts

Malthouses  
Sprouts, made in malthouses

**2084 Wines, Brandy, and Brandy Spirits**

Establishments primarily engaged in manufacturing wines, brandy, and brandy spirits. This industry also includes bonded storerooms which are engaged in blending wines. Establishments primarily bottling purchased wines, brandy, and brandy spirits, but which do not manufacture wines and brandy, are classified in Industry 5182.

Brandy  
Brandy spirits  
Storerooms, bonded: engaged in blending wines

Wines: still, sparkling, and artificially carbonated

**2085 Distilled, Rectified, and Blended Liquors**

Establishments primarily engaged in manufacturing alcoholic liquors by distillation and rectification, and in manufacturing cordials and alcoholic cocktails by blending processes or by mixing liquors and other ingredients. Establishments primarily engaged in manufacturing industrial alcohol are classified in Industry 2869, and those only bottling purchased liquors in Industry 5182.

Applejack  
Cocktails (alcoholic beverages)  
Cordials, alcoholic  
Distillers dried grains and solubles  
Ethyl alcohol for medicinal and beverage purposes  
Gin (alcoholic beverage)  
Grain alcohol for medicinal and beverage purposes

Liquors: distilled, rectified, and blended—except brandy  
Rum  
Spirits, neutral except fruit: for beverage purposes  
Vodka  
Whiskey: bourbon, rye, scotch type, and corn

Group Industry  
No. No.**206 BEVERAGES—Continued****2086 Bottled and Canned Soft Drinks and Carbonated Waters**

Establishments primarily engaged in manufacturing soft drinks (nonalcoholic beverages) and carbonated waters. Establishments primarily engaged in manufacturing fruit and vegetable juices are classified in Group 203, fruit sirups for flavoring in Industry 2087, and cider in Industry 2099. Establishments primarily engaged in bottling natural spring waters are classified in Industry 5149.

|   |  |
|---|--|
| Beer, birch and root: bottled or canned               | Nonalcoholic beverages, bottled or canned        |
| Beverages, nonalcoholic: bottled or canned            | Soft drinks, bottled or canned                   |
| Carbonated beverages, nonalcoholic: bottled or canned | Still beverages, nonalcoholic: bottled or canned |
| Drinks, fresh fruit: bottled or canned                | Water, pasteurized: bottled or canned            |
| Ginger ale, bottled or canned                         |  |
| Mineral water, carbonated: bottled or canned          |  |

**2087 Flavoring Extracts and Flavoring Sirups, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing flavoring extracts, sirups, and fruit juices, not elsewhere classified, for soda fountain use or for the manufacture of soft drinks, and colors for bakers' and confectioners' use. Establishments primarily engaged in manufacturing chocolate sirup are classified in Industry 2066 if from cacao beans and in Industry 2099 if from purchased chocolate.

|   |   |
|---|---|
| Beverage bases  | Flavoring concentrates                          |
| Bitters (flavoring concentrates)                            | Flavoring extracts, pastes, powders, and sirups |
| Burnt sugar (food color)                                    | Food colorings, except synthetic                |
| Coffee flavorings and sirups                                | Food glaze, for glazing foods (cozeen)          |
| Colors for bakers' and confectioners' use, except synthetic | Fruit juices, concentrated: for fountain use    |
| Cordials, nonalcoholic                                      | Fruits, crushed: for soda fountain use          |
| Drink powders and concentrates                              |   |

**209 MISCELLANEOUS FOOD PREPARATIONS AND KINDRED PRODUCTS****2091 Canned and Cured Fish and Seafoods**

Establishments primarily engaged in cooking and canning fish, shrimp, oysters, clams, crabs, and other seafoods, including soups; and those engaged in smoking, salting, drying or otherwise curing fish for the trade. Establishments primarily engaged in shucking and packing fresh oysters in nonsealed containers, or in freezing and packaging fresh fish, are classified in Industry 2092.

|   |   |
|---|---|
| Canned fish, crustacea, and mollusks                      | Mackerel: smoked, salted, dried, and pickled      |
| Caviar, canned and preserved                              | Oysters, canned and preserved                     |
| Clam bouillon, broth, chowder, juice: bottled or canned   | Salmon: smoked, salted, dried, canned and pickled |
| Codfish: smoked, salted, dried, and pickled               | Sardines, canned                                  |
| Crab meat, canned and preserved                           | Seafood products, canned                          |
| Finnan haddie (smoked haddock)                            | Shellfish, canned                                 |
| Fish: boneless, cured, dried, pickled, salted, and smoked | Shrimp, canned                                    |
| Fish, canned  | Soup, seafood: canned                             |
| Fish egg bait, canned                                     | Tuna fish, canned                                 |
| Herring: smoked, salted, dried, and pickled               |   |

**2092 Fresh or Frozen Packaged Fish and Seafoods**

Establishments primarily engaged in preparing fresh and raw or cooked frozen packaged fish and other seafood, including soups. This industry also includes establishments primarily engaged in the shucking and packing of fresh oysters in nonsealed containers.

|  |  |
|--|--|
| Crab meat, fresh: packed in nonsealed containers             | Seafoods: fresh, quick frozen, and cold pack (frozen)—packaged |
| Crab meat picking  | Shellfish, quick frozen and cold pack (frozen)                 |
| Fish fillets   | Shrimp, quick frozen and cold pack (frozen)                    |
| Fish: fresh, quick frozen, and cold pack (frozen)—packaged   | Soups, seafood: frozen   |
| Fish sticks  |  |
| Frozen prepared fish   |  |
| Oysters, fresh: shucking and packing in nonsealed containers |  |



Group Industry  
No. No.  
209

**MISCELLANEOUS FOOD PREPARATIONS AND KINDRED PRODUCTS—Con.**

**2095 Roasted Coffee**

Establishments primarily engaged in roasting coffee, and in manufacturing coffee concentrates and extracts in powdered, liquid or frozen form, including freeze-dried.

|  |                                  |
|--|----------------------------------|
| Coffee extracts                              | Coffee, instant and freeze-dried |
| Coffee roasting, except by wholesale grocers |                                  |

**2097 Manufactured Ice**

Establishments primarily engaged in manufacturing ice for sale. Ice plants operated by public utility companies are included in this industry when separate reports are available. When separate reports are not available, they should be classified in Major Group 49. Establishments primarily engaged in manufacturing dry ice are classified in Industry 2813.

|           |   |
|-----------|---|
| Block ice | Ice, manufactured or artificial: except dry ice |
| Can ice   |   |
| Ice cubes | Ice plants, operated by public utilities        |

**2098 Macaroni, Spaghetti, Vermicelli, and Noodles**

Establishments primarily engaged in manufacturing dry macaroni, spaghetti, vermicelli, and noodles. Establishments primarily engaged in manufacturing canned macaroni, spaghetti, etc., are classified in Industry 2032.

|   |                          |
|---|--------------------------|
| Macaroni and products, dry: including alphabets, rings, seashells, etc. | Spaghetti, except canned |
| Noodles: egg, plain, and water  | Vermicelli               |

**2099 Food Preparations, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing prepared foods and miscellaneous food specialties, not elsewhere classified, such as baking powder, yeast, and other leavening compounds; chocolate and cocoa products except confectionery, made from purchased materials; peanut butter; packaged tea including instant; ground spices; potato, corn, and other chips; and vinegar and cider.

|   |   |
|---|---|
| Almond pastes   | Marshmallow creme   |
| Bakers' malt  | Meat seasonings, except sauces                                |
| Baking powder   | Molasses, mixed or blended: <i>m/fpm</i>                      |
| Beans, baked: except canned                               | Pancake sirup, blended and mixed                              |
| Bouillon cubes  | Peanut butter   |
| Box lunches, for sale off premises                        | Pectin  |
| Bread crumbs, not made in bakeries                        | Pepper, chili   |
| Butter, ladle   | Pizza, refrigerated: not frozen                               |
| Butter, renovated and processed                           | Popcorn, packaged but not popped                              |
| Chicory root, dried                                       | Pork and beans, except canned                                 |
| Chili pepper or powder                                    | Potato chips  |
| Chocolate, instant: <i>m/fpm</i>                          | Sandwiches, assembled and packaged: for wholesale market      |
| Chocolate sirup, <i>m/fpm</i>                             | Sirups, sweetening: honey, maple sirup, sorghum               |
| Cider   | Sorghum, including custom refining                            |
| Cocoa, instant: <i>m/fpm</i>                              | Spices, including grinding                                    |
| Coconut, desiccated and shredded                          | Sugar grinding  |
| Cole slaw, in bulk  | Sugar, industrial maple: made in plants producing maple sirup |
| Corn chips  | Sugar, powdered: <i>m/fpm</i>                                 |
| Desserts, ready-to-mix                                    | Tea blending  |
| Emulsifiers, food   | Tortillas, in bulk  |
| Fillings, cake or pie: except fruits, vegetables and meat | Vegetables, peeled for the trade                              |
| Gelatin dessert preparations                              | Vinegar   |
| Honey, strained and bottled                               | Yeast   |
| Jelly, corncob (gelatin)                                  |   |
| Leavening compounds, prepared                             |   |

**Major Group 21.—TOBACCO MANUFACTURES***The Major Group as a Whole*

This major group includes establishments engaged in manufacturing cigarettes, cigars, smoking and chewing tobacco, and snuff, and in stemming and redrying tobacco. The manufacture of insecticides from tobacco byproducts is included in Major Group 28.

| Group<br>No. | Industry<br>No.                                     |
|--------------|---|
| 211          | <b>CIGARETTES</b>                                   |
|              | 2111 <b>Cigarettes</b>                              |
|              | Cigarettes  |
| 212          | <b>CIGARS</b>                                       |
|              | 2121 <b>Cigars</b>                                  |
|              | Cigarillos  |
|              | Cigars  |
|              | Stogies   |
| 213          | <b>TOBACCO (CHEWING AND SMOKING) AND SNUFF</b>      |
|              | 2131 <b>Tobacco (Chewing and Smoking) and Snuff</b> |
|              | Tobacco : chewing, smoking, and snuff               |
| 214          | <b>TOBACCO STEMMING AND REDRYING</b>                |
|              | 2141 <b>Tobacco Stemming and Redrying</b>           |

Establishments primarily engaged in the stemming and redrying of tobacco. Establishments which sell leaf tobacco as merchant wholesalers, agents, or brokers, and which also may be engaged in stemming tobacco, are classified in Major Group 51. Leaf tobacco warehouses which also may be engaged in stemming tobacco are classified in Major Group 42.

Tobacco thrashing (mechanical stemming)

Tobacco, stemming and redrying of

## Major Group 22.—TEXTILE MILL PRODUCTS

*The Major Group as a Whole*

This major group includes establishments engaged in performing any of the following operations: (1) preparation of fiber and subsequent manufacturing of yarn, thread, braids, twine, and cordage; (2) manufacturing broad woven fabric, narrow woven fabric, knit fabric, and carpets and rugs from yarn; (3) dyeing and finishing fiber, yarn, fabric, and knit apparel; (4) coating, waterproofing, or otherwise treating fabric; (5) the integrated manufacture of knit apparel and other finished articles from yarn; and (6) the manufacture of felt goods, lace goods, nonwoven fabrics, and miscellaneous textiles.

This classification makes no distinction between the two types of organizations which operate in the textile industry: (1) the "integrated" mill which purchases materials, produces textiles and related articles within the establishment, and sells the finished products; and (2) the "contract" or "commission" mill which processes materials owned by others. Converters or other nonmanufacturing establishments which assign materials to contract mills for processing (other than knitting) are classified in nonmanufacturing industries; establishments which assign yarns to outside contractors or commission knitters for the production of knit products are classified in Group 225.

Group Industry  
No. No.

## 221 BROAD WOVEN FABRIC MILLS, COTTON

## 2211 Broad Woven Fabric Mills, Cotton

Establishments primarily engaged in weaving fabrics over 12 inches in width, wholly or chiefly by weight of cotton. Establishments primarily engaged in weaving cotton carpets and rugs are classified in Industry 2271; those tufting carpets and rugs in Industry 2272; those making tire cord and fabric in Industry 2296; and finishers of cotton broad woven fabrics in Industry 2261.

|   |   |
|---|---|
| Airplane cloth, cotton                          | Cottonades  |
| Alpacas, cotton                                 | Coutil, cotton                                      |
| Automotive fabrics, cotton                      | Coverts, cotton                                     |
| Awning stripes, cotton: <i>mitse</i>            | Crash toweling, cotton                              |
| Bags and bagging, cotton: made in weaving mills | Crepes, cotton                                      |
| Balloon cloth, cotton                           | Cretonne, cotton                                    |
| Bandage cloths, cotton                          | Crinoline   |
| Bark cloth, cotton                              | Damasks, cotton                                     |
| Basket weave fabrics, cotton                    | Denims  |
| Bathmats, cotton: made in weaving mills         | Diaper fabrics                                      |
| Batiste, cotton                                 | Dimities  |
| Bedspreads, cotton: made in weaving mills       | Diachcloths, made in weaving mills                  |
| Bird's-eye diaper cloth, cotton                 | Draperies and drapery fabrics, cotton: <i>mitse</i> |
| Blankets and blanketings, cotton: <i>mitse</i>  | Dress fabrics, cotton                               |
| Bombazine, cotton                               | Drills, cotton                                      |
| Book cloth, <i>mitse</i>                        | Duck, cotton  |
| Broadcloth, cotton                              | Duvelyn, cotton                                     |
| Brocade, cotton                                 | Elastic fabrics, cotton: over 12 inches in width    |
| Brocatelle, cotton                              | Express stripes, cotton                             |
| Buckram   | Fabrics, broad woven: cotton                        |
| Bunting cloths, <i>mitse</i>                    | Filter cloth, cotton                                |
| Butter cloths                                   | Flannelette   |
| Cambric, cotton                                 | Flannels, cotton                                    |
| Camouflage nets, <i>mitse</i>                   | Frieze, cotton                                      |
| Canton flannels, cotton                         | Friezette, cotton                                   |
| Canvas, <i>mitse</i>                            | Furniture denim                                     |
| Card roll fabrics, cotton                       | Gabardine, cotton                                   |
| Casement cloth, cotton                          | Galatea, cotton                                     |
| Chafer fabrics, cotton                          | Gauze, <i>mitse</i>                                 |
| Chambrays                                       | Ginghams  |
| Cheese bandages, <i>mitse</i>                   | Glass toweling, cotton                              |
| Cheesecloth                                     | Glove fabrics, cotton: <i>mitse</i>                 |
| Chenilles, tufted textile: <i>mitse</i>         | Grograin, cotton                                    |
| Chevlots, cotton                                | Handkerchief fabrics, cotton                        |
| Chintz, cotton                                  | Hickory stripes, cotton                             |
| Corduroys, cotton                               | Huck toweling                                       |
| Corset fabrics, cotton                          | Interlining material, cotton                        |
| Cotton broad woven goods                        | Jacquard woven fabrics, cotton                      |
|   | Jean fabrics  |

Group Industry  
No. No.

**221 BROAD WOVEN FABRIC MILLS, COTTON—Continued**

**2211 Broad Woven Fabric Mills, Cotton—Continued**

|                                 |   |
|---------------------------------|---|
| Laundry fabrics, cotton         | Sateens, cotton                                       |
| Laundry nets, <i>mitse</i>      | Scrim, cotton   |
| Lawns, cotton                   | Scrub cloths, <i>mitse</i>                            |
| Leno fabrics, cotton            | Seat cover cloth, automobile: cotton                  |
| Long cloth, cotton              | Seersuckers, cotton                                   |
| Luggage fabrics, cotton         | Sheets and sheetings, cotton: <i>mitse</i>            |
| Madras, cotton                  | Shirting fabrics, cotton                              |
| Marquissettes, cotton           | Shoe fabrics, <i>mitse</i>                            |
| Matelasse, cotton               | Silesia, cotton                                       |
| Messaline, cotton               | Slip cover fabrics, cotton                            |
| Mitten flannel, cotton          | Stretch fabrics, cotton                               |
| Moleskins, <i>mitse</i>         | Suiting fabrics, cotton                               |
| Momie crepe, cotton             | Surgical fabrics, cotton                              |
| Mosquito netting, <i>mitse</i>  | Table cover fabrics, cotton                           |
| Mulin, cotton                   | Table damask, cotton                                  |
| Nainsook, cotton                | Tapestry fabrics, cotton                              |
| Nets and nettings, <i>mitse</i> | Tarlatan, cotton                                      |
| Opaline, cotton                 | Tentage, <i>mitse</i>                                 |
| Organdy, cotton                 | Terry woven fabrics, cotton                           |
| Osnaburgs                       | Tickings, <i>mitse</i>                                |
| Outing flannel, cotton          | Tobacco cloths, <i>mitse</i>                          |
| Oxfords (cotton fabrics)        | Towels and toweling, cotton: made in<br>weaving mills |
| Pajama checks, textile          | Tracing cloth, cotton                                 |
| Percalé                         | Trouserings, cotton                                   |
| Percaline, cotton               | Tubing, seamless: cotton                              |
| Pile fabrics, cotton            | Twills, cotton  |
| Pillow tubing, <i>mitse</i>     | Typewriter ribbon cloth                               |
| Pillowcases, <i>mitse</i>       | Umbrella cloth, cotton                                |
| Pin checks, cotton              | Underwear fabrics, except knit: cotton                |
| Pin stripes, cotton             | Upholstery fabrics, cotton                            |
| Piques, cotton                  | Velours   |
| Plaids, cotton                  | Velveteens  |
| Plisse crepe, cotton            | Velvets, cotton                                       |
| Plushes, cotton                 | Voiles, cotton  |
| Pocketing twill, cotton         | Waffle cloth, cotton                                  |
| Pongee, cotton                  | Washcloths, except knit: made in<br>weaving mills     |
| Poplin, cotton                  | Weaving mills, cotton broad woven<br>fabrics          |
| Press cloth                     | Wigan, cotton   |
| Print cloths, cotton            | Window shade cloth, cotton                            |
| Ratine, cotton                  | Yarn-dyed fabrics, cotton                             |
| Rep, cotton                     |   |
| Romaines                        |   |
| Sail cloth, <i>mitse</i>        |   |

**222 BROAD WOVEN FABRIC MILLS, MAN-MADE FIBER AND SILK**

**2221 Broad Woven Fabric Mills, Man-Made Fiber and Silk**

Establishments primarily engaged in weaving fabrics over 12 inches in width, wholly or chiefly by weight of silk and man-made fibers including glass. Establishments primarily engaged in weaving carpets and rugs from these fibers are classified in Industry 2271; those tufting carpets and rugs from these fibers in Industry 2272; those making tire cord and fabric in Industry 2296; and finishers of man-made fiber and silk broad woven goods in Industry 2262.

|  |  |
|--|--|
| Acetate broad woven fabrics  | Fadles   |
| Acrylic broad woven fabrics  | Fiberglass fabrics                                       |
| Automotive fabrics, man-made fiber                                       | Flat crepes  |
| Bedspreads, silk and man-made fiber:<br><i>mitse</i>                     | French crepes  |
| Blanketings, man-made fiber  | Fur-type fabrics, man-made fiber                         |
| Broad woven fabrics, silk and man-<br>made fiber                         | Georgettes   |
| Canton crepes  | Glass broad woven fabrics                                |
| Crepe satins   | Jacquard woven fabrics, man-made<br>fiber and silk       |
| Draperies and drapery fabrics, man-<br>made fiber and silk: <i>mitse</i> | Leno fabrics, man-made fiber and silk                    |
| Dress fabrics, man-made fiber and silk                                   | Lining fabrics, man-made fiber and silk                  |
| Duvetyn, man-made fiber and silk   | Linings, rayon or silk: <i>mitse</i>                     |
| Elastic fabrics, man-made fiber and<br>silk: over 12 inches in width     | Marquissettes, man-made fiber                            |
| Fabrics, broad woven: man-made fiber<br>and silk                         | Modacrylic broad woven fabrics                           |
|  | Necktie fabrics, man-made fiber and<br>silk: broad woven |
|  | Nylon broad woven fabrics                                |
|  | Nytril broad woven fabrics                               |

Group  
No. 222

Industry  
No. 2221

**BROAD WOVEN FABRIC MILLS, MAN-MADE FIBER AND SILK—Continued**

**2221 Broad Woven Fabric Mills, Man-Made Fiber and Silk—Continued**

|   |  |
|---|--|
| Paper broad woven fabrics                     | Spandex broad woven fabrics  |
| Parachute fabrics                             | Suiting fabrics, man-made fiber and silk                             |
| Pile fabrics, man-made fiber and silk         | Taffetas   |
| Plushes, man-made fiber and silk              | Tapestry fabrics, man-made fiber and silk                            |
| Polyester broad woven fabrics                 | Textile mills, broad woven: silk, and man-made fiber including glass |
| Polyethylene broad woven fabrics              | Textile warping, on a contract basis                                 |
| Polypropylene broad woven fabrics             | Twills, man-made fiber   |
| Pongee, man-made fiber and silk               | Underwear fabrics, except knit: man-made fiber and silk              |
| Poplin, man-made fiber                        | Upholstery fabrics, man-made fiber and silk                          |
| Quilts, man-made fiber and silk: <i>mitse</i> | Velvets, man-made fiber and silk                                     |
| Rayon broad woven fabrics                     | Vinal broad woven fabrics  |
| Saran broad woven fabrics                     | Vinyon broad woven fabrics   |
| Satins  | Voiles, man-made fiber and silk                                      |
| Serges, man-made fiber                        |  |
| Shantung, man-made fiber and silk             |  |
| Shirting fabrics, man-made fiber and silk     |  |
| Silk broad woven fabrics                      |  |
| Slip cover fabrics, man-made fiber and silk   |  |

223

**BROAD WOVEN FABRIC MILLS, WOOL (INCLUDING DYEING AND FINISHING)**

**2231 Broad Woven Fabric Mills, Wool (Including Dyeing and Finishing)**

Establishments primarily engaged in weaving fabrics over 12 inches in width, wholly or chiefly by weight of wool, mohair, or similar animal fibers; those dyeing and finishing all woven wool fabrics or dyeing wool, tops, or yarn; and those shrinking and sponging wool goods for the trade. Establishments primarily engaged in weaving wool carpets and rugs are classified in Industry 2271, and those tufting wool carpets and rugs in Industry 2272.

|  |  |
|--|--|
| Alpacas, mohair: woven   | Narrow fabrics: dyeing and finishing of wool, mohair, and similar fibers   |
| Bale dyeing of yarn and fabrics, of wool and similar fibers: except knit   | Overcoatings, of wool, mohair, and similar fibers                          |
| Billiard cloths, <i>mitse</i>  | Pantings: of wool, mohair, and similar fibers                              |
| Blankets and blanketings, of wool and similar fibers: <i>mitse</i>         | Papermakers' felts, woven of wool, mohair, and similar fibers              |
| Bleaching yarn and fabrics, of wool and similar fibers: except knit fabric | Raw stock dyeing and finishing of wool, mohair, and similar fibers         |
| Broad woven fabrics, of wool, mohair, and similar fibers                   | Refinishing and sponging cloths of wool, mohair, etc., for the trade       |
| Burling and mending cloth for the trade                                    | Serges of wool, mohair, and similar fibers                                 |
| Calendering of wool, mohair, and similar fiber fabrics: except knit        | Shrinking cloth of wool, mohair, and similar fibers: for the trade         |
| Cloth, wool: mending—for the trade   | Skirtings  |
| Dyeing and finishing of wool and similar fibers: except knit               | Sponging and refinishing cloth of wool and similar fibers: for the trade   |
| Fabric, animal fiber: broad woven  | Suitings of wool, mohair, and similar fibers                               |
| Fabric finishing of wool, mohair, and similar fibers: except knit          | Trouserings of wool, mohair, and similar fibers                            |
| Fabrics, broad woven: of wool, mohair, and similar fibers                  | Upholstery fabrics, wool   |
| Felts, of wool, mohair, and similar fibers: woven                          | Vat dyeing of tops, yarn, and textiles: of animal fibers—except knit       |
| Finishing of wool, mohair, and similar fiber fabrics: except knit          | Weaving mills, broad woven fabrics: of wool, mohair, and similar fibers    |
| Flannels of wool, mohair, and similar fibers                               | Worsted fabrics, broad woven   |
| Haircloth of wool, mohair, and similar fibers                              | Yarn bleaching, dyeing, and finishing: of wool, mohair, and similar fibers |
| Mill menders, contract: wool, mohair, and similar fibers                   |  |
| Napping of wool, mohair, and similar fiber fabrics                         |  |

224

**NARROW FABRICS AND OTHER SMALLWARES MILLS: COTTON, WOOL, SILK, AND MAN-MADE FIBER**

**2241 Narrow Fabrics and Other Smallwares Mills: Cotton, Wool, Silk, and Man-Made Fiber**

Establishments primarily engaged in weaving or braiding fabrics 12 inches or narrower in width of cotton, wool, silk, and man-made fibers, including glass fibers. Establishments primarily engaged in producing fabric covered elastic yarn or thread are also included in this industry.

Group Industry  
No. No.

**224 NARROW FABRICS AND OTHER SMALLWARES MILLS: COTTON, WOOL, SILK, AND MAN-MADE FIBER—Continued**

**2241 Narrow Fabrics and Other Smallwares Mills: Cotton, Wool, Silk, and Man-Made Fiber—Continued**

|  |  |
|--|--|
| Apparel webbing                                      | Laces, corset and shoe: textile                                      |
| Auto wind lace                                       | Lacings, <i>mitse</i>  |
| Banding, spindle                                     | Narrow woven fabrics: cotton, wool, silk, glass, and man-made fiber  |
| Beltings, woven or braided                           | Rayon narrow fabrics   |
| Bindings, textile: <i>mitse</i>                      | Ribbons, <i>mitse</i>  |
| Braids, textile                                      | Rickrack braid   |
| Braids, tubular nylon and plastic                    | Rubber thread and yarns, fabric covered                              |
| Cords, fabric  | Shoe laces, except leather   |
| Corset laces   | Slide fastener tapes   |
| Cotton narrow fabrics                                | Spindle banding  |
| Elastic narrow fabrics, woven or braided             | Strapping webs   |
| Elastic webbing                                      | Tapes, fabric  |
| Electric insulating tapes and braids, except plastic | Textile mills, narrow woven: fibers including glass                  |
| Fabric, animal fiber: narrow woven                   | Tie tapes, woven or braided  |
| Eringes, weaving                                     | Trimmings, textile: <i>mitse</i>                                     |
| Gimps, <i>mitse</i>                                  | Venetian blind tapes   |
| Glass narrow fabrics                                 | Weaving mills: cotton, wool, silk, and man-made fiber narrow fabrics |
| Glove lining fabrics                                 | Webbing, woven: except jute  |
| Hat band fabrics                                     | Wicking  |
| Hose fabric, tubular                                 | Zipper tape  |
| Insulating tapes and braids, electric                |  |
| Labels, woven  |  |
| Lace, auto wind                                      |  |

**225**

**KNITTING MILLS**

This group includes three types of organizations which operate in the knitting mill industry: (1) the "integrated" mill which purchases materials, produces textiles and related articles within the establishment, and sells the finished products; (2) the "contract" or "commission" mill which processes materials owned by others; and (3) establishments commonly known as jobbers or converters of knit goods which perform the entrepreneurial functions of a manufacturing company, such as buying the raw material, designing and preparing samples, and assigning yarns to others for knitting products on their account.

**2251 Women's Full Length and Knee Length Hosiery**

Establishments primarily engaged in knitting, dyeing, or finishing women's and misses' full length and knee length hosiery, both seamless and full-fashioned, and panty hose.

|   |  |
|---|--|
| Dyeing and finishing women's full and knee length hosiery | Stockings, women's and misses' full length and knee length |
| Hosiery, women's and misses' full length and knee length  | Stretch tights, seamless and full-fashioned                |
| Panty hose  |  |

**2252 Hosiery, Except Women's Full Length and Knee Length Hosiery**

Establishments primarily engaged in knitting, dyeing, or finishing hosiery except women's and misses' full length and knee length seamless and full-fashioned hosiery and panty hose.

|   |  |
|---|--|
| Anklets (hosiery), seamless or full-fashioned                           | Men's, boys', and girls' hosiery   |
| Dyeing and finishing hosiery, except women's full and knee length       | Slipper socks, <i>mitse</i>  |
| Hosiery, except women's and misses' full length and knee length hosiery | Socks, seamless and full-fashioned   |
| Infants' and children's hosiery   | Socks, slipper: <i>mitse</i>   |
|   | Stockings, except women's and misses' full length and knee length stocking |

**2253 Knit Outerwear Mills**

Establishments primarily engaged in knitting outerwear from yarn, or in manufacturing outerwear from knit fabric produced in the same establishment. Establishments primarily engaged in hand knitting outerwear for the trade are included in this industry. Establishments primarily engaged in knitting gloves and mittens are classified in Industry 2259, and those manufacturing outerwear from purchased knit fabric in Major Group 23.

Group No. 225 Industry No.

**KNITTING MILLS—Continued**

**2253 Knit Outerwear Mills—Continued**

- |  |   |
|--|---|
| Apparel, except gloves, hosiery and underwear— <i>mitse</i>    | Housecoats, <i>mitse</i>                            |
| Basque shirts, <i>mitse</i>                                    | Jerseys and sweaters, <i>mitse</i>                  |
| Bathing suits, <i>mitse</i>                                    | Leotards, <i>mitse</i>                              |
| Bathrobes, <i>mitse</i>  | Lounging robes, <i>mitse</i>                        |
| Beachwear, <i>mitse</i>  | Mufflers, <i>mitse</i>                              |
| Bedjackets, <i>mitse</i>                                       | Neckties, <i>mitse</i>                              |
| Blouses, <i>mitse</i>  | Outerwear, except hosiery and gloves : <i>mitse</i> |
| Body stockings, <i>mitse</i>                                   | Scarfs, <i>mitse</i>                                |
| Caps, <i>mitse</i>   | Shawls, <i>mitse</i>                                |
| Collar and cuff sets, <i>mitse</i>                             | Shirts (outerwear), <i>mitse</i>                    |
| Dresses, hand knit : for the trade                             | Shoulderettes, <i>mitse</i>                         |
| Dresses, <i>mitse</i>  | Ski suits, <i>mitse</i>                             |
| Dyeing and finishing knit outerwear, except hosiery and gloves | Skirts, <i>mitse</i>                                |
| Hand knitting of outerwear, for the trade                      | Slacks or pants, <i>mitse</i>                       |
| Hats, <i>mitse</i>   | Suits, <i>mitse</i>                                 |
| Headwear, <i>mitse</i>   | Sweaters and sweater coats, <i>mitse</i>            |
|  | Wristlets, <i>mitse</i>                             |

**2254 Knit Underwear Mills**

Establishments primarily engaged in knitting underwear and nightwear from yarn, or in manufacturing underwear and nightwear from knit fabric produced in the same establishment. Establishments primarily engaged in manufacturing underwear and nightwear from purchased knit fabric are classified in Major Group 23.

- |                                     |                           |
|-------------------------------------|---------------------------|
| Drawers, apparel : <i>mitse</i>     | Slips, <i>mitse</i>       |
| Dyeing and finishing knit underwear | Step-ins, <i>mitse</i>    |
| Nightwear, <i>mitse</i>             | Underwear, <i>mitse</i>   |
| Panties, <i>mitse</i>               | Union suits, <i>mitse</i> |
| Shirts (underwear), <i>mitse</i>    |                           |

**2257 Circular Knit Fabric Mills**

Establishments primarily engaged in knitting circular (tubular) fabric, or in dyeing or finishing circular (tubular) knit fabric. Establishments primarily engaged in knitting, dyeing, or finishing warp fabric are classified in Industry 2258.

- |  |                            |
|--|----------------------------|
| Circular knit fabrics of all materials     | Fabric, circular knit      |
| Cloth, circular knit : <i>mitse</i>        | Jersey cloth, <i>mitse</i> |
| Dyeing and finishing circular knit fabrics | Pile fabric, circular knit |

**2258 Warp Knit Fabric Mills**

Establishments primarily engaged in knitting warp (flat fabric, or in dyeing or finishing warp (flat) knit fabric. Establishments primarily engaged in knitting, dyeing or finishing circular fabric are classified in Industry 2257.

- |  |  |
|--|--|
| Cloth, warp knit : <i>mitse</i>            | Netting, knit                              |
| Dyeing and finishing warp knit fabrics     | Pile fabric, warp or flat knit             |
| Finishing of warp or flat knit fabrics     | Tricot fabrics                             |
| Lace, knit                                 | Warp or flat knit fabrics of all materials |
| Mosquito netting, warp knit : <i>mitse</i> |  |

**2259 Knitting Mills, Not Elsewhere Classified**

Establishments primarily engaged in knitting gloves and other articles, not elsewhere classified. Establishments primarily engaged in manufacturing woven or knit fabric gloves and mittens from purchased fabrics are classified in Industry 2381.

- |   |   |
|---|---|
| Bags and bagging, made in knitting mills      | Girdles (elastic) and other foundation garments, <i>mitse</i> |
| Bedspreads, made in knitting mills            | Gloves, made in knitting mills                                |
| Curtains, made in knitting mills              | Linings, shoe : made in knitting mills                        |
| Dishcloths, made in knitting mills            | Meat bagging, made in knitting mills                          |
| Dyeing and finishing knit gloves and mittens  | Mittens, made in knitting mills                               |
| Elastic girdle blanks, made in knitting mills | Stockinette, made in knitting mills                           |
|   | Towels, made in knitting mills                                |
|   | Washcloths, made in knitting mills                            |

Group Industry  
No. No.  
226

**DYEING AND FINISHING TEXTILES, EXCEPT WOOL FABRICS AND KNIT GOODS**

**2261 Finishers of Broad Woven Fabrics of Cotton**

Establishments primarily engaged in finishing purchased cotton broad woven fabrics, or finishing such fabrics on a commission basis. These finishing operations include bleaching, dyeing, printing (roller, screen, flock, plisse), and other mechanical finishing such as preshrinking, calendering and napping. This industry also includes the shrinking and sponging of cloth for the trade, and chemical finishing for water repellency, fire resistance, and mildew proofing. Establishments primarily engaged in finishing wool broad woven fabrics are classified in Industry 2231; knit goods in Group 225; and those coating or impregnating fabrics in Industry 2295.

Bleaching cotton broad woven fabrics  
Bleaching, kier: continuous machine  
Calendering of cotton fabrics  
Dyeing cotton broad woven fabrics  
Embossing cotton broad woven fabrics  
Finishing of cotton broad woven fabrics  
Fire-resistance finishing of cotton broad woven fabrics  
Mercerizing cotton broad woven fabrics  
Mildew proofing cotton broad woven fabrics  
Napping of cotton broad woven fabrics

Preshrinking cotton fabrics, for the trade  
Printing and finishing of cotton broad woven fabrics  
Refinishing and sponging cotton broad woven fabrics, for the trade  
Shrinking cotton cloth, for the trade  
Sponging and refinishing cotton cloth, for the trade  
Sueding cotton broad woven goods  
Teaseling cotton broad woven goods  
Water repellency finishing of cotton broad woven fabrics

**2262 Finishers of Broad Woven Fabrics of Man-Made Fiber and Silk**

Establishments primarily engaged in finishing purchased man-made fiber and silk broad woven fabrics or finishing such fabrics on a commission basis. These finishing operations include bleaching, dyeing, printing (roller, screen, flock, plisse), and other mechanical finishing such as preshrinking, calendering, and napping. Establishments primarily engaged in finishing wool broad woven fabrics are classified in Industry 2231; knit goods in Group 225; and those coating or impregnating fabrics in Industry 2295.

Bleaching man-made fiber and silk broad woven fabrics  
Calendering of man-made fiber and silk broad woven fabrics  
Dyeing man-made fiber and silk broad woven fabrics  
Embossing man-made fiber and silk broad woven fabrics  
Finishing of man-made fiber and silk broad woven fabrics  
Fire resistance finishing of man-made fiber and silk broad woven fabrics

Napping of man-made fiber and silk broad woven fabrics  
Preshrinking man-made fiber and silk broad woven fabrics, for the trade  
Printing man-made fiber and silk broad woven fabrics  
Shrinking man-made fiber and silk cloth, for the trade  
Silk broad woven fabric finishing  
Sueding man-made fiber and silk broad woven fabrics  
Teaseling man-made fiber and silk broad woven fabrics

**2269 Finishers of Textiles, Not Elsewhere Classified**

Establishments primarily engaged in dyeing and finishing textiles, not elsewhere classified, such as bleaching, dyeing, printing and finishing of raw stock, yarn, braided goods, and narrow fabrics, except wool and knit fabrics. These establishments perform finishing operations on purchased textiles or on a commission basis.

Bleaching raw stock, yarn, and narrow fabrics: except knit and wool  
Braided goods except wool: bleaching, dyeing, printing and other finishing  
Cloth mending, except wool: for the trade  
Dyeing raw stock, yarn, and narrow fabrics: except knit and wool  
Embossing linen broad woven fabrics  
Finishing raw stock, yarn, and narrow fabrics: except knit and wool

Gassing yarn  
Labels, cotton: printed  
Linen fabrics: dyeing, finishing, and printing  
Mercerizing yarn, braided goods, and narrow fabrics: except knit and wool  
Mill enders, contract: cotton, silk, and man-made fiber  
Printing narrow fabrics, except knit and wool



Group Industry  
No. No.  
227

**FLOOR COVERING MILLS**

**2271 Woven Carpets and Rugs**

Establishments primarily engaged in weaving carpets and rugs from any textile yarn. Important products of this industry include Axminster, Wilton, velvet, and similar woven carpets and rugs; and woven automobile and aircraft floor coverings.

|  |   |
|--|---|
| Aircraft floor coverings, woven                          | Floor coverings, woven textile fiber    |
| Art squares, woven textile fiber                         | Mats and matting, woven cotton and wool |
| Automobile floor coverings, woven                        | Rugs, machine woven                     |
| Axminster carpets  | Smyrna carpets and rugs, machine woven  |
| Bathmats, woven textile fiber: not made in weaving mills | Wilton carpets                          |
| Carpets, woven textile fiber                             |   |
| Chenille rugs  |   |

**2272 Tufted Carpets and Rugs**

Establishments primarily engaged in tufting carpets and rugs from any textile fiber. Important products of this industry include tufted carpets, rugs, scatter rugs, and bathmats and bathmat sets except terry woven. Finishers of these products also are included in this industry.

|   |                      |
|---|----------------------|
| Bathmat sets, tufted                            | Rugs, tufted         |
| Bathmats, tufted                                | Scatter rugs, tufted |
| Carpets, tufted                                 |                      |
| Dyeing and finishing of tufted rugs and carpets |                      |

**2279 Carpets and Rugs, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing rugs, carpets, art squares, floor mattings, needle punch carpeting, and door mats and mattings from twisted paper, grasses, reeds, coir, sisal, jute or rags. Establishments primarily engaged in manufacturing hard surface floor coverings, except rubber and cork, are classified in Industry 3996.

|   |  |
|---|--|
| Art squares: twisted paper, grass, reed, coir, sisal, jute, and rag     | Mats and matting: twisted paper, grass, reed, coir, sisal, jute, and rag |
| Carpets: twisted paper, grass, reed, coir, sisal, jute, and rag         | Rugs, braided and hooked   |
| Door mats: twisted paper, grass, reed, coir, sisal, jute, and rag       | Rugs: twisted paper, grass, reed, coir, sisal, jute, and rag             |
| Floor coverings: twisted paper, grass, reed, coir, sisal, jute, and rag |  |

228

**YARN AND THREAD MILLS**

**2281 Yarn Spinning Mills: Cotton, Man-Made Fibers and Silk**

Establishments primarily engaged in spinning yarn wholly or chiefly by weight of cotton, man-made fibers, or silk. Establishments primarily engaged in dyeing or finishing purchased yarns or finishing yarns on a commission basis are classified in Industry 2269.

|   |  |
|---|--|
| Acetate yarn, made from purchased staple: spun    | Nytril yarn, made from purchased staple: spun        |
| Acrylic yarn, made from purchased staple: spun    | Polyester yarn, made from purchased staple: spun     |
| Carded yarn, cotton                               | Polypropylene yarn, made from purchased staple: spun |
| Carpet yarn, cotton                               | Rayon yarn, made from purchased staple: spun         |
| Combed yarn, cotton                               | Saran yarn, made from purchased staple: spun         |
| Cardage yarn, cotton                              | Spinning yarn: cotton, silk, and man-made staple     |
| Crochet yarn: cotton, silk, and man-made staple   | Vinal yarn, made from purchased staple: spun         |
| Darning yarn: cotton, silk, and man-made staple   | Vinyon yarn, made from purchased staple: spun        |
| Embroidery yarn: cotton, silk and man-made staple | Weaving yarn: cotton, silk, and man-made staple      |
| Knitting yarn: cotton, silk, and man-made staple  | Yarn, cotton, silk, and man-made staple              |
| Man-made staple fiber yarn, spun                  |  |
| Modacrylic yarn, made from purchased staple: spun |  |
| Nylon yarn, spinning of staple                    |  |

Group Industry  
No. No.

228 YARN AND THREAD MILLS—Continued

2282 Yarn Texturizing, Throwing, Twisting, and Winding Mills: Cotton, Man-Made Fibers and Silk

Establishments primarily engaged in texturizing, throwing, twisting, winding or spooling yarn wholly or chiefly by weight of cotton, man-made fibers or silk. Establishments primarily engaged in dyeing or finishing purchased yarns or finishing yarns on a commission basis are classified in Industry 2269.

Acetate filament yarn: throwing, twisting, winding, or spooling  
Acrylic and modacrylic filament yarn: throwing, winding, or spooling  
Beaming yarns, for the trade  
Nylon yarn: throwing, twisting, winding or spooling of continuous filament  
Polyester filament yarn: throwing, twisting, winding, or spooling  
Polypropylene filament yarn: throwing, twisting, winding, or spooling  
Rayon yarn, made from purchased filament yarn: throwing, twisting, winding

Saran filament yarn: throwing, twisting, winding, or spooling  
Spooling yarn: cotton, silk, and man-made fiber continuous filament  
Textured yarns  
Throwing, winding, or spooling of filament yarn: silk and man-made fiber  
Twisting yarn: silk and man-made fiber continuous filament  
Vinal filament yarn: throwing, twisting, winding, or spooling  
Vinyon filament yarn: throwing, twisting, winding, or spooling  
Winding yarn: cotton, silk, and man-made fiber continuous filament

2283 Yarn Mills, Wool, Including Carpet and Rug Yarn

Establishments primarily engaged in spinning, twisting, winding or spooling yarn (including carpet and rug yarn) wholly or chiefly by weight of wool, mohair, or similar animal fibers. Establishments primarily engaged in dyeing or finishing purchased wool yarn or finishing wool yarn on a commission basis are classified in Industry 2231.

Animal fiber yarn: spinning, twisting, winding, or spooling  
Crochet yarn: wool, mohair, or similar animal fiber  
Darning yarn: wool, mohair, or similar animal fiber  
Embroidery yarn: wool, mohair, or similar animal fiber  
Knitting yarn: wool, mohair, or similar animal fiber  
Mohair yarn: spinning, twisting, winding, or spooling  
Rug yarn: wool, mohair, or similar animal fiber

Thread: wool, mohair, or similar animal fiber  
Twisting yarn: wool, mohair, or similar animal fiber  
Weaving yarn: wool, mohair, or similar animal fiber  
Wool yarn: spinning, twisting, winding, or spooling  
Yarn, carpet and rug: animal fiber—spinning, twisting, and spooling  
Yarn: weaving, machine knitting, and hand knitting animal fiber

2284 Thread Mills

Establishments primarily engaged in manufacturing thread from natural or man-made fiber except flax (Industry 2299) and wool (Industry 2283). Important products of this industry include sewing, crochet, darning, embroidery, tatting, hand knitting, and other handicraft threads.

Cotton thread  
Crochet thread: cotton, silk, and man-made fiber  
Darning thread: cotton, silk, and man-made fiber  
Embroidery thread: cotton, silk, and man-made fiber  
Hand knitting thread: cotton, silk, and man-made fiber  
Man-made fiber thread  
Nylon thread  
Polyester thread

Rayon thread  
Sewing thread: cotton, silk, and man-made fiber  
Silk thread  
Spinning thread: cotton, silk, and man-made fiber  
Tatting thread: cotton, silk, and man-made fiber  
Thread, except linen or wool: bleaching, dyeing, and finishing  
Thread: except linen, wool, mohair or similar animal fibers

Group  
No. 229

Industry  
No. MISCELLANEOUS TEXTILE GOODS

**2291 Felt Goods, Except Woven Felts and Hats**

Establishments primarily engaged in manufacturing pressed felt, regardless of fiber, by means of heat, moisture, and pressure; and those making punched felt for rugs, cushions, and other products from hair, jute, wool, or other fibers by the needle loom process. Establishments primarily engaged in manufacturing woven wool felts and wool haircloth are classified in Industry 2231, those manufacturing felt hats in Group 235, and those manufacturing needle punch carpeting in Industry 2279.

Acoustic felts, except woven  
Automotive felts, except woven  
Carpet cushions, felt  
Felt goods, except woven felts and hats: wool, hair, jute, or other fiber  
Insulating felts, except woven  
Ironing board felts, except woven  
Lining felts, except woven

Linings, carpet: felt, except woven  
Mats, felt: except woven  
Pads and padding, felt: except woven  
Pipe and boiler covering, felt  
Polishing felts, except woven  
Pressed wool felts  
Punched felts  
Trimming felts, except woven

**2292 Lace Goods**

Establishments primarily engaged in manufacturing lace machine products, and those primarily engaged in dyeing and finishing lace goods. Establishments primarily engaged in manufacturing Schiffli machine embroideries are classified in Industry 2397. Establishments primarily engaged in manufacturing knitted lace and netting are classified in Industry 2258.

Bed sets, lace  
Covers, lace: chair, dresser, piano, and table  
Curtains and curtain fabrics, lace  
Dyeing and finishing lace goods  
Edgings, lace  
Galloons, lace

Lace goods: curtains, bedspreads, table covers, flouncings, and insertions  
Laces: Barmen, bobbinet, levers, and Nottingham  
Netting made on a lace or net machine

**2293 Paddings and Upholstery Filling**

Establishments primarily engaged in manufacturing batting, padding, wadding, and filling for upholstery, pillows, quilts and apparel, from curled hair, cotton mill waste, moss, hemp tow, flax tow, kapok, and related materials. Establishments primarily engaged in manufacturing wood excelsior pads and wrappers are classified in Industry 2429.

Apparel filling: cotton mill waste, kapok, and related materials  
Batts and batting: cotton mill waste, kapok, and related materials  
Hair, curled: for upholstery, pillow, and quilt filling  
Padding and wadding, except excelsior

Pads, fiber: henequen, sisal, istle  
Pillow filling: curled hair, cotton waste, moss, hemp tow, kapok, etc.  
Quilt filling: curled hair, cotton waste, moss, hemp tow, kapok, etc.  
Upholstery filling, except excelsior  
Wads and wadding, except excelsior

**2294 Processed Waste and Recovered Fibers and Flock**

Establishments primarily engaged in processing textile mill waste for spinning, padding, batting, or other uses; in recovering textile fibers from clippings and rags; in cutting flock from waste, recovered fibers, or new fiber stock; and in manufacturing oakum and twisted jute packing. Establishments primarily engaged in cleaning and sorting wiping rags or waste are classified in Industry 5093.

Carbonized rags  
Fibers, textile: recovery from textile mill waste and rags  
Flock (recovered textile fibers)  
Garnetting of textile waste and rags  
Oakum  
Packing, twisted jute

Processing of textile mill waste and recovering fibers  
Recovering textile fibers from clippings and rags  
Wool shoddy  
Wool waste processing

Group Industry  
No. No.

**220 MISCELLANEOUS TEXTILE GOODS—Continued**

**2235 Coated Fabrics, Not Rubberized**

Establishments primarily engaged in manufacturing coated and impregnated textiles, and in the special finishing of textiles, such as varnishing and waxing. Establishments primarily engaged in rubberizing purchased fabrics are classified in Industry 3069, and those primarily engaged in dyeing and finishing textiles in Group 226.

Buckram: varnished, waxed, and impregnated  
Cambric: varnished, waxed, and impregnated  
Cloth, varnished glass  
Coating and impregnating of fabrics, except rubberizing  
Fabrics, coated and impregnated: except rubberized  
Laminating of fabrics  
Leather, artificial  
Mats, varnished glass  
Metallizing of fabrics  
Oilcloth

Pyroxylin coated fabrics  
Resin (plastic) coated fabrics  
Sealing or insulating tape for pipe, fiberglass coated with tar or asphalt  
Sleeving, textile: saturated  
Tape, varnished: plastic, and other coated (except magnetic)—*m/p/m*  
Tubing, textile: varnished  
Waterproofing fabrics, except rubberizing  
Waxing of cloth  
Yarns, plastic coated: made from purchased yarns

**2236 Tire Cord and Fabric**

Establishments primarily engaged in manufacturing cord and fabric for use in reinforcing rubber tires, industrial belting, fuel cells, and similar uses.

Cord for reinforcing rubber tires, industrial belting, and fuel cells

Fabric for reinforcing rubber tires, industrial belting, and fuel cells

**2237 Nonwoven Fabrics**

Establishments primarily engaged in manufacturing nonwoven fabrics (by bonding and/or interlocking of fibers) by mechanical, chemical, thermal or solvent means or by combinations thereof. Establishments primarily engaged in producing fabrics by the wool felting process are classified in other industries in this Major Group.

Bonded-fiber textiles, except felt  
Fabrics, bonded fiber: except felt  
Nonwoven textiles, except wool

Ribbon, nonwoven (yarn bonded by plastic)  
Spunbonded fabrics

**2238 Cordage and Twine**

Establishments primarily engaged in manufacturing rope, cable, cordage, twine, and related products from abaca (Manila), sisal, henequen, hemp, cotton, paper, jute, flax man-made fibers including glass, and other fibers.

Binder and baler twine  
Blasting mats, rope  
Cable, fiber  
Camouflage nets, not made in weaving mills  
Cargo nets (cordage)  
Cord, braided  
Cordage: abaca (Manila), sisal, henequen, hemp, jute, and other fibers  
Fish nets and seines, made in cordage or twine mills

Fishing lines, nets, seines: made in cordage or twine mills  
Hard fiber cordage and twine  
Insulator pads, cordage  
Nets, rope  
Rope, except asbestos and wire  
Slings, rope  
Soft fiber cordage and twine  
Trawl twine  
Twine  
Wire rope centers

Group Industry  
No. No.  
229

### MISCELLANEOUS TEXTILE GOODS—Continued

#### 2299 Textile Goods, Not Elsewhere Classified

Establishments primarily engaged in manufacturing linen goods, jute goods except felt, and other textile goods, not elsewhere classified. Establishments primarily engaged in processing textile fibers to prepare them for spinning, such as wool scouring and carbonizing and combing and converting tow to top, are also classified here. Establishments primarily engaged in manufacturing woven felts are classified in Industry 2231, nonwoven felts in Industry 2291, nonwoven textiles in Industry 2297 and cordage and twine in Industry 2298.

Bagging, jute: made in jute weaving mills  
Burlap, jute  
Coir yarns and roving  
Crash, linen  
Fabrics: linen, jute, hemp, ramie—except felt  
Flax yarns and roving  
Grease, wool  
Hand woven fabrics  
Hemp yarn, thread, roving, and textiles  
Narrow woven fabrics: linen, jute, hemp, and ramie  
Nolls, wool and mohair  
Preparing textile fibers for spinning (scouring and combing)  
Ramie yarn, thread, roving, and textiles  
Rayon tops, combing and converting

Roves, flax and jute  
Rugbacking, jute or other fiber: except felt  
Slubs and nubs (cutting up fibers for use in tweeds)  
Textile mills: linen, jute, hemp, and ramie yarn, thread, and fabric  
Tops, combing and converting  
Tops, man-made fiber  
Tow to top mills  
Towels and towelings, linen and linen-and-cotton mixtures: *mitse*  
Thread: linen, hemp, and ramie  
Webbing, jute  
Wool scouring and carbonizing  
Wool tops, combing and converting  
Yarn: flax, jute, hemp, and ramie  
Yarn, metallic, ceramic, or paper fibers  
Yarns, specialty and novelty

## Major Group 23.—APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS

### *The Major Group as a Whole*

This major group, known as the cutting-up and needle trades, includes establishments producing clothing and fabricating products by cutting and sewing purchased woven or knit textile fabrics and related materials such as leather, rubberized fabrics, plastics and furs.

Included in the apparel industries are three types of establishments: (1) the "regular" or inside factories, (2) contract factories, and (3) apparel jobbers. The regular factories perform all of the usual manufacturing functions within their own plant; the contract factories manufacture apparel from materials owned by others; and apparel jobbers perform the entrepreneurial functions of a manufacturing company, such as buying raw materials, designing and preparing samples, arranging for the manufacture of the garments from their materials and selling of the finished apparel.

Custom tailors and dressmakers not operating on a factory basis are classified in Industry 5699; establishments which purchase and resell finished garments but do not perform the functions of the apparel jobbers are classified in Group 513.

Group Industry  
No. No.

### 231 MEN'S, YOUTHS', AND BOYS' SUITS, COATS, AND OVERCOATS

#### 2311 Men's, Youths', and Boys' Suits, Coats, and Overcoats

Establishments primarily engaged in manufacturing men's, youths', and boys' tailored suits, coats, and overcoats. Establishments primarily engaged in manufacturing uniforms (except athletic uniforms) are also included in this industry. Establishments primarily engaged in manufacturing men's work garments are classified in Industry 2328.

Coats: tailored—men's, youths', and boys'  
Firemen's uniforms  
Formal jackets, men's and youths'  
Military uniforms, men's and youths'  
Overcoats: men's, youths', and boys'  
Policemen's uniforms  
Suits: men's, youths', and boys'

Tailored dress and sport coats: men's and boys'  
Topcoats: men's, youths', and boys'  
Tuxedos  
Uniforms, men's: suits, coats, and overcoats  
Vests: except suede, leatherette, blanket lined—men's and boys'

### 232 MEN'S, YOUTHS', AND BOYS' FURNISHINGS, WORK CLOTHING, AND ALLIED GARMENTS

#### 2321 Men's, Youths', and Boys' Shirts (Except Work Shirts) and Nightwear

Establishments primarily engaged in manufacturing men's, youths', and boys' shirts (including polo and sports shirts) and nightwear, cut and sewed from purchased woven or knit fabric. Establishments primarily engaged in manufacturing work shirts are classified in Industry 2328. Knitting mills primarily engaged in manufacturing nightwear are classified in Industry 2254, and outerwear in Industry 2253.

Blouses, boys': *m f p m*  
Collars, men's and youths': *m f p m*  
Flannel shirts, except work shirts: men's, youths', and boys'  
Nightshirts: men's, youths', and boys'—*m f p m*  
Nightwear: men's, youths', and boys' (except robes)—*m f p m*  
Pajamas: men's, youths', and boys'—*m f p m*  
Polo shirts: men's, youths', and boys'—*m f p m*

Shirts, except work shirts: men's and boys'—*m f p m*  
Shirts, flannel: except work shirts—men's, youths', and boys'  
Sports shirts: men's, youths', and boys'—*m f p m*  
T-shirts: men's, youths', and boys'—*m f p m*  
Uniform shirts

Group  
No. 232

Industry  
No.

**MEN'S, YOUTHS', AND BOYS' FURNISHINGS, WORK CLOTHING, AND ALLIED GARMENTS—Continued**

**2322 Men's, Youths', and Boys' Underwear**

Establishments primarily engaged in manufacturing men's, youths', and boys' underwear, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing underwear are classified in Industry 2254.

Shorts (underwear): men's, youths',  
and boys—*m/jpm*

Underwear: men's, youths', and boys'—  
*m/jpm*

**2323 Men's, Youths', and Boys' Neckwear**

Establishments primarily engaged in manufacturing men's, youths', and boys' neckties, scarfs, and mufflers, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing neckties, scarfs, and mufflers are classified in Industry 2253.

Ascots: men's, youths', and boys'—  
*m/jpm*  
Bowties  
Mufflers: men's, youths', and boys'—  
*m/jpm*

Neckties: men's, youths', and boys'—  
*m/jpm*  
Scarfs: men's, youths', and boys'—  
*m/jpm*  
Ties, handsewn: *m/jpm*

**2327 Men's, Youths', and Boys' Separate Trousers**

Establishments primarily engaged in manufacturing men's, youths', and boys' separate trousers and slacks. Establishments primarily engaged in manufacturing complete suits are classified in Industry 2311, and work pants and jeans in Industry 2328.

Knickers, dress (separate): men's,  
youths', and boys'  
Pants, dress (separate): men's,  
youths', and boys'  
Shorts (outerwear): men's, youths',  
and boys'

Slacks, dress (separate): men's,  
youths', and boys'—*m/jpm*  
Trousers, dress (separate): men's,  
youths', and boys'

**2328 Men's, Youths', and Boys' Work Clothing**

Establishments primarily engaged in manufacturing men's, youths', and boys' work shirts, pants, jeans, and other work clothing and washable service apparel.

Coveralls, except waterproof  
Dungarees: men's, youths', and boys'  
Flannel work shirts: men's, youths',  
and boys'  
Industrial garments  
Jackets, overall and work  
Medical uniforms, doctors'  
Overall jackets  
Overalls

Pants, work  
Service apparel, washable: hospital,  
professional, barbers', bakers', etc.  
Shirts, work: men's, youths', and boys'  
Slacks, except dress: men's, youths',  
and boys'—*m/jpm*  
Work garments, waterproof: except  
raincoats—oiled fabric

**2329 Men's, Youths', and Boys' Clothing, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing men's, youths', and boys' clothing, not elsewhere classified. Establishments primarily engaged in manufacturing polo and sport shirts from purchased woven or knit materials are classified in Industry 2321; separate trousers in Industry 2327; work clothing in Industry 2328; and leather and sheep lined garments in Industry 2386. Knitting mills primarily engaged in manufacturing outerwear are classified in Industry 2253.

Athletic clothing: men's, youths', and  
boys'  
Bathing suits: men's, youths', and  
boys'—*m/jpm*  
Coats: oiled fabric, leatherette, blanket  
lined—men's, youths', and boys'  
Field jackets, military  
Gymnasium clothing: men's, youths',  
and boys'  
Hunting coats and vests, men's  
Jackets, sport: suede, leatherette, mel-  
ton, blanket lined—men's and boys'  
Lumberjackets: men's, youths', and  
boys'

Mackinaws: men's, youths', and boys'  
Melton jackets: men's, youths', and  
boys'  
Pants, athletic and gymnasium: men's,  
youths', and boys'  
Riding clothes: men's, youths', and  
boys'  
Shirt and slack suits: men's, youths',  
and boys'  
Ski pants: men's, youths', and boys'  
Ski suits: men's, youths', and boys'  
Snow suits: men's, youths', and boys'  
Sports clothing, nontailored: men's,  
youths', and boys'—*m/jpm*

Group Industry  
No. No.

**232 MEN'S, YOUTHS', AND BOYS' FURNISHINGS, WORK CLOTHING, AND ALLIED GARMENTS—Continued**

**2329 Men's, Youths', and Boys' Clothing, Not Elsewhere Classified—Continued**

Sweaters: men's, youths', and boys'—  
*m/fpm*

Uniforms, athletic and gymnasium:  
men's, youths', and boys'

Vests, sport: suede, leatherette, blanket lined—men's and boys'

Wash suits: men's, youths', and boys'  
Windbreakers: men's, youths', and boys'

**233 WOMEN'S, MISSES' AND JUNIORS' OUTERWEAR**

**2331 Women's, Misses', and Juniors' Blouses, Waists, and Shirts**

Establishments primarily engaged in manufacturing women's, misses', and juniors' blouses, waists, and shirts. Knitting mills primarily engaged in manufacturing outerwear are classified in Industry 2253. Establishments primarily engaged in manufacturing girls', children's, and infants' blouses, waists and shirts are classified in Industry 2361.

Blouses: women's, misses', and juniors'—*m/fpm*

Shirts: women's, misses', and juniors'—*m/fpm*

Waists: women's, misses', and juniors'—*m/fpm*

**2335 Women's, Misses', and Juniors' Dresses**

Establishments primarily engaged in manufacturing women's, misses', and juniors' dresses, including ensemble dresses and pants dresses, whether sold by the piece or by the dozen. Establishments primarily engaged in manufacturing girls', children's, and infants' dresses are classified in Industry 2361.

Dresses, paper  
Dresses: women's, misses', and juniors'—*m/fpm*

Ensemble dresses: women's, misses', and juniors'—*m/fpm*

Housedresses—*m/fpm*  
Pants dresses—*m/fpm*

**2337 Women's, Misses', and Juniors' Suits, Skirts, and Coats**

Establishments primarily engaged in manufacturing women's, misses', and juniors' suits, pantsuits, skirts, and coats except fur coats and raincoats. These garments are generally tailored and usually lined. Establishments primarily engaged in manufacturing fur garments are classified in Industry 2371, raincoats in Industry 2385, and knitting mills primarily engaged in manufacturing knit outerwear in Industry 2253.

Capes, except fur and vulcanized rubber: women's, misses', and juniors'

Coats, except fur and raincoats: women's, misses', and juniors'

Jackets, except fur: women's, misses', and juniors'

Pantsuits: women's, misses' and juniors'

Skirts, separate: women's, misses', and juniors'—*m/fpm*

Suits: women's, misses', and juniors'

Uniforms, except athletic: women's, misses', and juniors'

**2339 Women's, Misses', and Juniors' Outerwear, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing women's, misses', and juniors' outerwear, not elsewhere classified, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing outerwear are classified in Industry 2253.

Aprons, except rubberized and plastic: women's, misses', and juniors'

Athletic clothing: women's, misses', and juniors'

Bathing suits: women's, misses', and juniors'—*m/fpm*

Beachwear: women's, misses', and juniors'—*m/fpm*

Collar and cuff sets, *m/fpm*

Culottes: women's, misses', and juniors'

Dickeys

Hoovers, women's and misses'

Hospital garments, women's

Jackets, not tailored: women's, misses', and juniors'

Knickers: women's, misses', and juniors'

Leotards, *m/fpm*

Neckwear, women's: *m/fpm*

Pants outfits, except pantsuits and pants dresses

Play suits: women's, misses', and juniors'

Riding habits: women's, misses', and juniors'

Ruffings, women's

Scarfs, fascinators, hoods, headbands, etc.: women's and juniors'—*m/fpm*

Shorts: women's, misses', and juniors' (outerwear)—*m/fpm*

Ski jackets and pants: women's, misses', and juniors'—*m/fpm*

Ski suits: women's, misses', and juniors'—*m/fpm*

Slacks: women's, misses', and juniors'—*m/fpm*

Smocks: women's, misses', and juniors'

Snow suits: women's, misses', and juniors'—*m/fpm*

Uniforms, athletic: women's, misses', and juniors'

Washable service apparel: nurses', maids', waitresses', etc.



Group Industry  
No. No.  
234

**WOMEN'S, MISSES', CHILDREN'S, AND INFANTS' UNDERGARMENTS**

**2341 Women's, Misses', Children's, and Infants' Underwear and Nightwear**

Establishments primarily engaged in manufacturing women's, misses', children's, and infants' underwear and nightwear, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing underwear and nightwear are classified in Industry 2254.

Bedjackets: women's, misses' and juniors—*mjpm*  
Negligees: women's, misses', children's, and infants—*mjpm*  
Nightwear: women's, misses', children's, and infants—*mjpm*  
Pajamas: women's, misses', children's, and infants—*mjpm*

Panties, *mjpm*  
Slips: women's, misses', children's and infants—*mjpm*  
Step-ins, *mjpm*  
Underwear: women's, misses', children's, and infants—*mjpm*

**2342 Brassieres, Girdles, and Allied Garments**

Establishments primarily engaged in manufacturing brassieres, girdles, corsets, corset accessories, and allied garments. Establishments primarily engaged in manufacturing surgical and orthopedic appliances are classified in Industry 3842.

Brassieres, *mjpm*  
Corset accessories: clasps, stays, etc.  
Corsets and allied garments, except surgical: *mjpm*

Foundation garments, women's: *mjpm*  
Girdles, *mjpm*

235

**HATS, CAPS, AND MILLINERY**

**2351 Millinery**

Establishments primarily engaged in manufacturing women's, misses', children's, and infants' millinery. Establishments primarily engaged in manufacturing millinery braid and trimmings are classified in Industry 2396.

Hats, trimmed: women's, misses', and children's

Millinery

**2352 Hats and Caps, Except Millinery**

Establishments primarily engaged in manufacturing hats and caps (except millinery) and all hat bodies. Knitting mills primarily engaged in manufacturing caps are classified in Industry 2253.

Baseball caps  
Caps, cloth: men's and boys'—*mjpm*  
Chauffeurs' hats and caps, cloth  
Harvest hats, straw  
Hat bodies: fur felt, straw, and wool felt  
Hats and caps: except millinery and paper—*mjpm*  
Hats: fur felt, straw and wool felt—men's and boys'

Helmets, jungle cloth: wool lined  
Opera hats  
Panama hats, men's and boys'  
Policemen's hats and caps, cloth  
Silk hats, except millinery  
Uniform hats and caps, cloth: men's, boys', and women's

236

**GIRLS', CHILDREN'S, AND INFANTS' OUTERWEAR**

**2361 Girls', Children's, and Infants' Dresses, Blouses, Waists, and Shirts**

Establishments primarily engaged in manufacturing girls', children's, and infants' dresses, blouses, waists, and shirts, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing outerwear are classified in Industry 2253.

Blouses: girls', children's and infants'—*mjpm*  
Dresses: girls', children's, and infants'—*mjpm*

"Middies": girls', children's, and infants'—*mjpm*  
Waists: girls', children's, and infants'—*mjpm*

Group Industry  
No. No.

**236 GIRLS', CHILDREN'S, AND INFANTS' OUTERWEAR—Continued**

**2363 Girls', Children's, and Infants' Coats and Suits**

Establishments primarily engaged in manufacturing girls', children's, and infants' coats and suits, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing outerwear are classified in Industry 2253.

|  |   |
|--|---|
| Coat and legging sets: girls' and children's, <i>m/pcm</i> | Pantsuits: girls', children's, and infants'— <i>m/pcm</i> |
| Coats: girls', children's, and infants'— <i>m/pcm</i>      | Ski suits, girls', and children's: <i>m/pcm</i>           |
| Jackets: girls', children's, and infants'— <i>m/pcm</i>    | Snow suits, girls' and children's: <i>m/pcm</i>           |
|  | Suits: girls' and children's, <i>m/pcm</i>                |

**2369 Girls', Children's, and Infants' Outerwear, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing girls', children's, and infants' outerwear, not elsewhere classified, cut and sewed from purchased woven or knit fabric. Knitting mills primarily engaged in manufacturing outerwear are classified in Industry 2253.

|   |  |
|---|--|
| Bathrobes: girls', children's, and infants'— <i>m/pcm</i> | Lounging robes, except knit: children's— <i>m/pcm</i>      |
| Beachwear: girls', children's, and infants'— <i>m/pcm</i> | Play suits: girls', children's, and infants'— <i>m/pcm</i> |
| Buntings, infants': <i>m/pcm</i>                          | Rompers, infants': <i>m/pcm</i>                            |
| Culottes, girls' and children's                           | Shorts, girls' and children's: outerwear— <i>m/pcm</i>     |
| Headwear: girls', children's and infants'— <i>m/pcm</i>   | Skirts: girls', children's and infants'— <i>m/pcm</i>      |
| Housecoats: girls', children's and infants'— <i>m/pcm</i> | Slacks, girls' and children's: <i>m/pcm</i>                |
| Infants' headwear, trimmed and untrimmed                  | Suits and rompers, children's and infants': <i>m/pcm</i>   |
| Leggings: girls', children's, and infants'— <i>m/pcm</i>  | Sun suits: girls', children's, and infants'— <i>m/pcm</i>  |

**237**

**FUR GOODS**

**2371 Fur Goods**

Establishments primarily engaged in manufacturing fur coats, and other garments, accessories, and trimmings made of fur. Establishments primarily engaged in manufacturing sheep lined clothing are classified in Industry 2386, and those engaged in dyeing and dressing of furs in Industry 3999.

|   |                                  |
|---|----------------------------------|
| Caps, fur   | Fur plates and trimmings         |
| Coat linings, fur   | Glazing furs                     |
| Fur apparel: capes, coats, hats, jackets, and neckpieces                  | Glove linings, fur               |
| Fur finishers and liners for the fur goods trade: buttonhole making, etc. | Mounting heads on fur neckpieces |

**238**

**MISCELLANEOUS APPAREL AND ACCESSORIES**

**2381 Dress and Work Gloves, Except Knit and All-Leather**

Establishments primarily engaged in manufacturing dress, semidress, and work gloves and mittens, cut and sewed from purchased woven or knit fabric, or these materials combined with leather or plastic. Knitting mills primarily engaged in manufacturing gloves and mittens are classified in Industry 2259, establishments primarily engaged in manufacturing leather gloves in Industry 3151, those manufacturing rubber gloves in Industry 3069, and plastic gloves in Industry 3079.

|   |   |
|---|---|
| Dyeing gloves, except knit and all-leather: for the trade | Gloves and mittens: except knit, all-leather, rubber, plastic, and safety |
| Glove linings, except fur                                 | Knit gloves, <i>m/pcm</i>   |

**2384 Robes and Dressing Gowns**

Establishments primarily engaged in manufacturing men's and women's robes and dressing gowns.

|  |  |
|--|--|
| Bathrobes, men's and women's: <i>m/pcm</i>               | Lounging garments, except knit: men's and women's  |
| Dressing gowns, men's and women's                        | Robes, lounging: except knit—other than children's |
| Dusters (apparel)  |  |
| Housecoats, except children's and infants'— <i>m/pcm</i> |  |

Group Industry  
No. No.  
238

**MISCELLANEOUS APPAREL AND ACCESSORIES—Continued**

**2385 Raincoats and Other Waterproof Outer Garments**

Establishments primarily engaged in manufacturing raincoats from purchased rubberized fabrics and other waterproof outer garments made from such material as pliofilm and cellophane. Establishments primarily engaged in manufacturing oiled fabric work garments are classified in Industry 2328, and those manufacturing vulcanized rubber garments and garments made from rubberized fabrics produced in the same establishment are classified in Industry 3069.

Aprons, waterproof: except vulcanized rubber—*m/psm*  
Bibs, waterproof: *m/psm*  
Clothing, waterproof: *m/psm*  
Diaper covers, waterproof: except vulcanized rubber  
Pants, waterproof: *m/psm*

Plastic gowns  
Raincoats, except vulcanized rubber—*m/psm*  
Shields, waterproof: except vulcanized rubber—*m/psm*  
Waterproof outer garments, except vulcanized rubber and oiled—*m/psm*

**2386 Leather and Sheep Lined Clothing**

Establishments primarily engaged in manufacturing leather and sheep lined garments. Establishments primarily engaged in manufacturing leather gloves and mittens are classified in Industry 3151, and fur garments in Industry 2371.

Clothing, leather and sheep-lined  
Coats, leather and sheep-lined

Garments, leather and sheep-lined  
Jackets, leather and sheep-lined

**2387 Apparel Belts**

Establishments primarily engaged in manufacturing men's and women's apparel belts, regardless of material.

Belts, apparel: made of any material

**2389 Apparel and Accessories, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing suspenders, garters, handkerchiefs, and other apparel, not elsewhere classified, such as academic caps and gowns, vestments, and theatrical costumes.

Arm bands, elastic  
Caps and gowns, academic  
Costumes: lodge, masquerade, theatrical, etc.  
Cummerbunds  
Footlets  
Garter belts

Garters  
Handkerchiefs, except paper  
Hose supporters  
Prayer shawls, *m/psm*  
Regalia, *m/psm*  
Suspenders  
Vestments, academic and clerical

239

**MISCELLANEOUS FABRICATED TEXTILE PRODUCTS**

**2391 Curtains and Draperies**

Establishments primarily engaged in manufacturing curtains and draperies from purchased materials. Establishments primarily engaged in manufacturing lace curtains on lace machines are classified in Industry 2292.

Cottage sets (curtains), *m/psm*  
Curtains, window: *m/psm*

Draperies, plastic and textile: *m/psm*

**2392 Housefurnishings, Except Curtains and Draperies**

Establishments primarily engaged in manufacturing housefurnishings, such as blankets, bedspreads, sheets, tablecloths, and towels from purchased materials. Establishments primarily engaged in manufacturing curtains and draperies are classified in Industry 2391. Establishments producing housefurnishings primarily of fabric woven at the same establishment are classified in Industries 2211, 2221, or 2231, according to fiber.

Group Industry  
No. No.

**239 MISCELLANEOUS FABRICATED TEXTILE PRODUCTS—Continued**

**2392 Housefurnishings, Except Curtains and Draperies—Continued**

|  |  |
|--|--|
| Bags, garment storage: made of any material except paper | Mattress pads  |
| Bags, laundry— <i>m/jpm</i>                              | Mattress protectors, except rubber                                       |
| Bath mitts (washcloths)                                  | Mops, floor and dust   |
| Bedspreads and bed sets, <i>m/jpm</i>                    | Napkins, fabric and nonwoven textiles: <i>m/jpm</i>                      |
| Blanket bags, plastic                                    | Pads and padding, table: except asbestos, felt, rattan, reed, and willow |
| Blankets, <i>m/jpm</i>                                   | Pillowcases, <i>m/jpm</i>  |
| Boat cushions  | Pillows, bed: <i>m/jpm</i>   |
| Bridge sets (cloths and napkins)                         | Polishing cloths, plain  |
| Chair covers, cloth                                      | Quilts, <i>m/jpm</i>   |
| Chair pads, except felt                                  | Scarfs: table, dresser, etc.— <i>m/jpm</i>                               |
| Comforters or comfortables— <i>m/jpm</i>                 | Sheets, fabric: <i>m/jpm</i>   |
| Curtains, shower: <i>m/jpm</i>                           | Sheets, hospital: nonwoven textile                                       |
| Cushions, except spring and carpet cushions              | Shoe bags, <i>m/jpm</i>  |
| Dishcloths, nonwoven textile                             | Slip covers: made of fabric, plastic, and other material—except paper    |
| Dust cloths  | Table mats, leatherette  |
| Dusters, fabric  | Tablecloths, <i>m/jpm</i>  |
| Dusting cloths, plain                                    | Tablecloths, plastic   |
| Hassocks   | Towels, fabric and nonwoven textiles: <i>m/jpm</i>                       |
| Housefurnishings, except curtains and draperies          | Wardrobe bags, <i>m/jpm</i>  |
| Ironing board pads, <i>m/jpm</i>                         | Washcloths, <i>m/jpm</i>   |
| Linings, carpet: textile—except felt                     |  |
| Lunch cloths, <i>m/jpm</i>                               |  |

**2393 Textile Bags**

Establishments primarily engaged in manufacturing shipping and other industrial bags from purchased fabric. Establishments primarily engaged in manufacturing plastic bags are classified in Industry 2643; laundry, wardrobe, shoe and other textile housefurnishing bags in Industry 2392; and luggage in Industry 3161.

|  |                                  |
|--|----------------------------------|
| Bags and containers, textile except sleeping bags: insulated or not— <i>m/jpm</i>  | Duffel bags, canvas              |
| Bags, textile including canvas: except laundry, garment and sleeping— <i>m/jpm</i> | Flour bags, fabric: <i>m/jpm</i> |
|  | Knapsacks, canvas                |
|  | Tea bags, fabric: <i>m/jpm</i>   |

**2394 Canvas and Related Products**

Establishments primarily engaged in manufacturing awnings, tents, and related products from purchased fabric. Establishments primarily engaged in manufacturing canvas bags are classified in Industry 2393.

|  |                                    |
|--|------------------------------------|
| Air cushions, canvas                                     | Cloths, drop: fabric— <i>m/jpm</i> |
| Awning stripes, painted: <i>m/jpm</i>                    | Covers, fabric: <i>m/jpm</i>       |
| Awnings, fabric: <i>m/jpm</i>                            | Sails, <i>m/jpm</i>                |
| Canopies, fabric: <i>m/jpm</i>                           | Shades, canvas                     |
| Canvas products, except bags and knapsacks: <i>m/jpm</i> | Tarpaulins, fabric: <i>m/jpm</i>   |
|  | Tents, <i>m/jpm</i>                |

**2395 Pleating, Decorative and Novelty Stitching, and Tucking for the Trade**

Establishments primarily engaged in pleating, decorative and novelty stitching, and tucking for the trade. Establishments primarily engaged in performing similar services for individuals are classified in service industries. Establishments primarily engaged in manufacturing trimmings are classified in Industry 2396.

|   |  |
|---|--|
| Appliqueing, for the trade                        | Lace, burnt-out                                  |
| Art goods for embroidering, stamped: <i>m/jpm</i> | Looping, for the trade                           |
| Art needlework, <i>m/jpm</i>                      | Permanent pleating and pressing, for the trade   |
| Buttonhole making, except fur: for the trade      | Pleating, for the trade                          |
| Crochet ware, machine-made                        | Quilted fabrics or cloth                         |
| Emblems, embroidered                              | Quilting, for the trade                          |
| Embroideries: metallic, beaded, sequined          | Ruffling, for the trade                          |
| Embroidery products, except Schiffli machine      | Scalloping, for the trade                        |
| Eyelet making, for the trade                      | Stitching, decorative and novelty: for the trade |
| Hemstitching, for the trade                       | Swiss loom embroideries                          |
|   | Tucking, for the trade                           |

Group Industry  
No. No.  
239

MISCELLANEOUS FABRICATED TEXTILE PRODUCTS—Continued

**2396 Automotive Trimmings, Apparel Findings, and Related Products**

Establishments primarily engaged in manufacturing automotive trimmings and apparel findings and related products.

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>Apparel findings and trimmings, <i>m/fpm</i></li> <li>Bindings, bias : <i>m/fpm</i></li> <li>Bindings, cap and hat : <i>m/fpm</i></li> <li>Collar linings, for men's coats</li> <li>Findings, suit and coat : coat fronts, pockets, etc.—men's and boys'</li> <li>Hat findings, men's</li> <li>Hatters' fur</li> <li>Linings, handbag or pocketbook</li> <li>Linings, hat : men's</li> <li>Linings, luggage</li> <li>Linings : suit, coat, shirt, skirt, dress, necktie, millinery, etc.</li> <li>Luggage linings</li> <li>Millinery braids and trimmings, <i>m/fpm</i></li> <li>Pads, shoulder : for coats, suits, etc.—men's and women's</li> </ul> | <ul style="list-style-type: none"> <li>Passenteries, <i>m/fpm</i></li> <li>Printing and embossing on plastics fabric articles</li> <li>Printing on fabric articles</li> <li>Ribbons and bows, cut and sewed</li> <li>Straps, shoulder : for women's underwear—<i>m/fpm</i></li> <li>Sweat bands, hat and cap</li> <li>Tip printing and stamping on fabric</li> <li>Trimmings, fabric : auto, furniture, millinery, dress, coat, and suit—<i>m/fpm</i></li> <li>Trimmings, hat : men's</li> <li>Veils and veiling, except hair</li> <li>Visors, cap</li> <li>Waistbands, trouser</li> </ul> |
|--|--|

**2397 Schiffli Machine Embroideries**

Establishments primarily engaged in manufacturing Schiffli machine embroideries.

Embroideries, Schiffli machine

**2399 Fabricated Textile Products, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing fabricated textile products, not elsewhere classified.

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>Aprons, breast (harness)</li> <li>Badges, made from fabric</li> <li>Bags, sleeping</li> <li>Bandoleers</li> <li>Banners, made from fabric</li> <li>Belting, fabric : <i>m/fpm</i></li> <li>Belts, money : made of any material</li> <li>Blankets, horse : <i>m/fpm</i></li> <li>Cheese bandages, <i>m/fpm</i></li> <li>Covers, automobile tire and seat : <i>m/fpm</i></li> <li>Diapers, except disposable : <i>m/fpm</i></li> <li>Emblems, made from fabric</li> <li>Fishing nets, <i>m/fpm</i></li> <li>Flags, fabric</li> <li>Glove mending on factory basis</li> <li>Hammocks, fabric : <i>m/fpm</i></li> </ul> | <ul style="list-style-type: none"> <li>Hand crocheted ware</li> <li>Hand woven apparel</li> <li>Hats, hand crocheted</li> <li>Insignia, military : textile</li> <li>Nets, launderers' and dyers'</li> <li>Parachutes</li> <li>Pennants</li> <li>Powder puffs and mitts</li> <li>Saddle cloths</li> <li>Safety strap assemblies, automobile : except leather</li> <li>Seat belts, automobile and aircraft : except leather</li> <li>Strap assemblies, tie down : aircraft—except leather</li> <li>Welts, <i>m/fpm</i></li> </ul> |
|--|---|

## Major Group 24.—LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE

### *The Major Group as a Whole*

This major group includes logging camps engaged in cutting timber and pulpwood; merchant sawmills, lath mills, shingle mills, cooperage stock mills, planing mills, and plywood mills and veneer mills engaged in producing lumber and wood basic materials; and establishments engaged in manufacturing finished articles made entirely or mainly of wood or wood substitutes. Certain types of establishments producing wood products are classified elsewhere. For example, furniture and office and store fixtures are classified in Major Group 25; musical instruments, toys, and playground equipment, and caskets in Major Group 39. Woodworking in connection with construction, in the nature of reconditioning and repair, or performed to individual order, is classified in non-manufacturing industries.

Group Industry  
No. No.

### 241 LOGGING CAMPS AND LOGGING CONTRACTORS

#### 2411 Logging Camps and Logging Contractors

Logging camps and logging contractors primarily engaged in cutting timber and in producing rough, round, hewn, or riven primary forest or wood raw materials. Independent contractors engaged in estimating or trucking timber, but who perform no cutting operations, are classified in nonmanufacturing industries. Logging and woods operations conducted in combination with sawmills, pulp mills, or other converting establishments, and not separately reported, are classified in their respective industry groups; namely, with sawmills in Group 242, veneer and plywood mills in Group 243, pulp mills in Major Group 26, and charcoal and wood distillation plants in Group 286. Establishments primarily engaged in the collection of bark, sap, gum, and other forest byproducts are classified in Major Group 08.

Bolts, wood: handle, heading, shingle, stave, etc.  
Booming timber  
Burls, wood  
Croches, wood  
Driving timber  
Excelsior stock, hewn  
Last blocks, wood: hewn or riven  
Logging camps and logging contractors, not operating sawmills  
Legs  
Mine timbers, hewn  
Peeler logs  
Pickets and paling: round or split  
Piling, wood: untreated  
Pole cutting contractors

Poles, wood: untreated  
Posts, wood: hewn, round or split  
Pulpwood camps  
Pulpwood contractors engaged in cutting, not operating pulp mills  
Rails, fence: round or split  
Saw logs  
Skidding logs  
"Stumping" for turpentine or powder manufacturing  
Stumps  
Ties, railroad: hewn  
Timber (product of logging camps)  
Veneer logs  
Wheelstock, hewn

### 242 SAWMILLS AND PLANING MILLS

#### 2421 Sawmills and Planing Mills, General

Establishments primarily engaged in sawing rough lumber and timber from logs and bolts, or resawing cants and fitches into lumber, including box lumber and softwood cut stock; planing mills combined with sawmills; and separately operated planing mills which are engaged primarily in producing surfaced lumber and standard workings or patterns of lumber. This industry includes establishments primarily engaged in sawing lath and railroad ties, and in producing tobacco hogshead stock, wood chips, and snow fence lath. Establishments primarily engaged in manufacturing box shoo or boxes are classified in Group 244; sash, doors, wood molding, window and door frames, and other fabricated millwork in Group 243; and hardwood dimension and flooring in Industry 2426. Logging camps combined with sawmills, when not separately reported, are included in this industry.

Group No. Industry No.

**SAWMILLS AND PLANING MILLS—Continued**

242

**2421 Sawmills and Planing Mills, General—Continued**

|   |  |
|---|--|
| Cants, resawed (lumber)                   | Planing mills, independent: except millwork          |
| Ceiling lumber, dressed                   | Planing mills, operated in conjunction with sawmills |
| Chipper mills                             | Resawing lumber into smaller dimensions              |
| Custom sawmills                           | Sawdust and shavings                                 |
| Cut stock, softwood                       | Sawmills, except special product mills               |
| Flitches (veneer stock), made in sawmills | Siding (dressed lumber)                              |
| Flooring (dressed lumber), softwood       | Silo stock, wood: sawed                              |
| Fuelwood, from mill waste                 | Snow fence lath                                      |
| Kiln drying of lumber                     | Ties, railroad: sawed                                |
| Lath, made in sawmills and lathmills      | Tobacco hoghead stock                                |
| Logging camps combined with sawmills      | Wood chips manufacturing                             |
| Lumber, kiln drying of                    |  |
| Lumber: rough, sawed, or planed           |  |
| Lumber stacking or sticking               |  |

**2426 Hardwood Dimension and Flooring Mills**

Establishments primarily engaged in manufacturing hardwood dimension lumber and workings therefrom; and other hardwood dimension, semifabricated or ready for assembly; hardwood flooring; and wood frames for household furniture. Establishments primarily engaged in manufacturing stairwork, molding, and trim are classified in Industry 2431; and those manufacturing textile machinery bobbins, picker sticks, and shuttles in Industry 3552.

|  |  |
|--|--|
| Blanks, wood: for bowling pins, handles, and textile mach. accessories | Furniture squares, hardwood                      |
| Blocks, wood: for bowling pins, handles, and textile mach. accessories | Furniture turnings and carvings, wood            |
| Bobbin blocks and blanks, wood   | Gun stocks, wood                                 |
| Brush blocks, wood: turned and shaped                                  | Handle blanks, wood                              |
| Carvings, furniture: wood  | Handle stock, sawed or planed                    |
| Chair frames for upholstered furniture, wood                           | Lumber, hardwood dimension                       |
| Chair seats, hardwood  | Parquet flooring, hardwood                       |
| Dimension, hardwood  | Picker stick blanks                              |
| Flooring, hardwood   | Rounds or rungs, ladder and furniture: hardwood  |
| Frames for upholstered furniture, wood                                 | Shuttle blocks: hardwood                         |
| Furniture dimension stock, hardwood                                    | Spool blocks and blanks, wood                    |
|  | Stock, chair: hardwood—turned, shaped, or carved |
|  | Table slides, for extension tables: wood         |
|  | Turnings, furniture: wood                        |
|  | Vehicle stock, hardwood                          |

**2429 Special Product Sawmills, Not Elsewhere Classified**

Mills primarily engaged in manufacturing excelsior, wood shingles, and cooperage stock; and in sawing special products, not elsewhere classified.

|  |   |
|--|---|
| Barrel heading and staves, sawed or split                  | Sawmills, special product: except lumber and veneer mills |
| Cooperage stock mills                                      | Shakes (hand split shingles)                              |
| Cooperage stock: staves, heading, and hoops—sawed or split | Shingle mills   |
| Excelsior, including pads and wrappers: wood               | Shingles, wood: sawed or hand split                       |
| Hoops, wood: for tight or slack cooperage—sawed or split   | Wood wool (excelsior)                                     |
|  | Wrappers, excelsior                                       |

243

**MILLWORK, VENEER, PLYWOOD, AND STRUCTURAL WOOD MEMBERS**

**2431 Millwork**

Establishments primarily engaged in manufacturing fabricated millwork. Planing mills primarily engaged in producing millwork are included in this industry, but planing mills primarily producing standard workings or patterns of lumber are classified in Industry 2421. Establishments primarily manufacturing wood kitchen cabinets and bathroom vanities are classified in Industry 2434.

Group Industry  
No. No.

**243 MILLWORK, VENEER, PLYWOOD, AND STRUCTURAL WOOD MEMBERS—Con.**

**2431 Millwork—Continued**

|  |  |
|--|--|
| <p>Awnings, wood<br/>Blinds (shutters), wood<br/>Brackets, wood<br/>Door shutters, wood<br/>Door trim, wood<br/>Doors, combination screen-storm: wood<br/>Dormers, wood<br/>Floor baseboards, wood<br/>Garage doors, overhead: wood<br/>Jalousies, glass: wood frame<br/>Louver windows and doors, glass with wood frame<br/>Millwork products<br/>Moldings, wood: unfinished and pre-finished<br/>Newel posts, wood<br/>Ornamental woodwork: cornices, mantels, etc.<br/>Panel work, wood<br/>Planing mills, millwork</p> | <p>Porch work, wood<br/>Railings, stair: wood<br/>Sash, door and window: wood<br/>Screens, door and window: wood<br/>Shutters, door and window: wood<br/>Silo staves, wood<br/>Stair railings, wood<br/>Staircases and stairs, wood<br/>Trellises, wood<br/>Trim, wood<br/>Venetian blind slats, wood<br/>Wainscots, wood<br/>Weather strip, wood<br/>Window frames and sash, wood<br/>Window screens, wood<br/>Window trim, wood<br/>Woodwork, interior and ornamental: windows, doors, sash, mantels, etc.</p> |
|--|--|

**2434 Wood Kitchen Cabinets**

Establishments primarily engaged in manufacturing wood kitchen cabinets and wood bathroom vanities.

|  |                                     |
|--|-------------------------------------|
| <p>Cabinets, to be built-in: wood<br/>Kitchen cabinets, wood: factory made</p> | <p>Vanities, bathroom and other</p> |
|--|-------------------------------------|

**2435 Hardwood Veneer and Plywood**

Establishments primarily engaged in producing commercial hardwood veneer, either face or technical, and those primarily engaged in manufacturing commercial plywood, or prefinished hardwood plywood. This includes nonwood backed or faced veneer and nonwood faced plywood, from veneer produced in the same establishment or from purchased veneer. Establishments primarily engaged in the production of veneer which is used in the same establishment for the manufacture of end products such as fruit and vegetable baskets and wood boxes are classified in Industries 2441 and 2449.

|  |  |
|--|--|
| <p>Panels, hardwood plywood<br/>Plywood, hardwood or hardwood faced<br/>Prefinished hardwood plywood</p> | <p>Veneer mills, hardwood<br/>Veneer stock, hardwood</p> |
|--|--|

**2436 Softwood Veneer and Plywood**

Establishments primarily engaged in producing commercial softwood veneer and plywood, from veneer produced in the same establishment or from purchased veneer. Establishments primarily engaged in producing commercial hardwood veneer and plywood are classified in Industry 2435. Establishments primarily engaged in the production of veneer which is used in the same establishment for the manufacture of end products such as fruit and vegetable baskets and wood boxes are classified in Industries 2441 and 2449.

|   |  |
|---|--|
| <p>Panels, softwood plywood<br/>Plywood, softwood</p> | <p>Veneer mills, softwood<br/>Veneer stock, softwood</p> |
|---|--|

**2439 Structural Wood Members, Not Elsewhere Classified**

Establishments primarily engaged in producing laminated or fabricated trusses, arches, and other structural members of lumber. Establishments primarily engaged in fabrication on the site of construction are classified in Division C, Construction. Establishments primarily engaged in producing prefabricated wooden buildings, sections, and panels are classified in Industry 2452.

Structural members, laminated wood:  
arches, trusses, timbers, etc.



Group  
No. 244

Industry  
No. **WOOD CONTAINERS**  
**2441 Nailed and Lock Corner Wood Boxes and Shook**

Establishments primarily engaged in manufacturing nailed and lock corner wood boxes (lumber or plywood), and which also may produce shook for nailed and lock corner boxes.

|  |  |
|--|--|
| Ammunition boxes, wood                                       | Flats, wood : greenhouse                     |
| Box cleats, wood   | Packing cases, wood : nailed or lock corner  |
| Boxes, wood : plain or fabric covered, nailed or lock corner | Shipping cases, wood : nailed or lock corner |
| Carrier trays, wood  | Shook, box                                   |
| Chests for tools, etc. : wood                                | Trunk slats, wood                            |
| Cigar boxes, wood and part wood                              |  |
| Egg cases, wood  |  |

**2448 Wood Pallets and Skids**

Establishments primarily engaged in manufacturing wood and wood-metal combination pallets and skids.

|  |   |
|--|---|
| Cargo container and pallet combination, wood or wood and metal combination | Pallets and skids, wood or wood and metal combination |
| Pallet containers, wood or wood and metal combination                      | Skids and pallets, wood or wood and metal combination |

**2449 Wood Containers, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing wood containers, not elsewhere classified, such as cooperage, wirebound boxes and crates, and other veneer and plywood containers. Establishments primarily engaged in manufacturing tobacco hogshead stock are classified in Industry 2421, and those manufacturing cooperage stock in Industry 2429.

|   |   |
|---|---|
| Barrels, wood : coopered  | Fruit baskets, veneer and splint                        |
| Baskets, fruit and vegetable : till, berry, climax, round stave, etc. | Hampers, fruit and vegetable : veneer and splint        |
| Berry cups, veneer and splint   | Hogsheads, wood : coopered                              |
| Boxes, wood : wirebound   | Kegs, wood : coopered                                   |
| Buckets, wood : coopered  | Kits, wood : coopered                                   |
| Casks, wood : coopered  | Market baskets, fruit and vegetable : veneer and splint |
| Chicken coops (crates), wood : wirebound for shipping poultry         | Palls, plywood  |
| Climax baskets  | Palls, wood : coopered                                  |
| Containers except boxes, veneer and plywood                           | Splint baskets, for fruits and vegetables               |
| Containers made of staves   | Tanks, wood : coopered                                  |
| Cooperage   | Tierces (cooperage)                                     |
| Crates : berry, butter, fruit, and vegetable—wood, wirebound          | Till baskets, veneer and splint                         |
| Drums, plywood  | Tobacco hogsheads                                       |
| Drums, shipping : wood—wirebound                                      | Tubs, wood : coopered                                   |
| Firkins and kits, wood : coopered                                     | Vats, wood : coopered                                   |
|   | Vegetable baskets, veneer and splint                    |

**245 WOOD BUILDINGS AND MOBILE HOMES**

**2451 Mobile Homes**

Establishments primarily engaged in manufacturing mobile homes. These mobile homes are generally over 35 feet long, at least 8 feet wide, do not have facilities for storage of water or waste, and are equipped with wheels. These products may also have nonresidential uses, such as classrooms or offices. Trailers that are generally 35 feet long or less, 8 feet wide or less and with self-contained facilities are classified in Industry 3792. Portable buildings not equipped with wheels are classified in Industry 2452.

|  |                                   |
|--|-----------------------------------|
| Mobile buildings for commercial use (offices, banks, etc.) | Mobile dwellings                  |
| Mobile classrooms  | Mobile homes, except recreational |

Group Industry  
No. No.

**245 WOOD BUILDINGS AND MOBILE HOMES—Continued**

**2452 Prefabricated Wood Buildings and Components**

Establishments primarily engaged in manufacturing prefabricated wood buildings, sections, and panels. Establishments primarily engaged in fabricating buildings on the site of construction are classified in Division C, Construction.

|  |   |
|--|---|
| Buildings, prefabricated and portable : wood       | Houses, portable : prefabricated wood     |
| Chicken coops, prefabricated : for housing poultry | Marinas, prefabricated : wood             |
| Corn cribs, prefabricated : wood                   | Panels for prefabricated wood buildings   |
| Farm buildings, prefabricated or portable : wood   | Sauna rooms, prefabricated : wood         |
|  | Sections for prefabricated wood buildings |

**249 MISCELLANEOUS WOOD PRODUCTS**

**2491 Wood Preserving**

Establishments primarily engaged in treating wood, sawed or planed in other establishments, with creosote or other preservatives to prevent decay and to protect against fire and insects. This industry also includes the cutting, treating, and selling of poles, posts, and piling, but establishments primarily engaged in manufacturing other wood products, which they may also treat with preservatives, are not included.

|   |  |
|---|--|
| Bridges and trestles, wood : treated                | Poles and pole crossarms, treated              |
| Creosoting of wood                                  | Poles, cutting and preserving                  |
| Crossties, treated                                  | Posts, wood : treated                          |
| Flooring, wood block : treated                      | Preserving of wood (creosoting)                |
| Millwork, treated                                   | Railroad cross bridge and switch ties, treated |
| Mine props, treated                                 | Structural lumber and timber, treated          |
| Piles, foundation and marine construction : treated | Vehicle lumber, treated                        |
| Piling, wood : treated                              | Wood products, creosoted                       |

**2492 Particleboard**

Establishments primarily engaged in manufacturing wood panel products from small wood particles. This includes preparation of small particles of wood, drying, mixing with a synthetic resin binder, and compressing. Pressing may take place in hydraulic presses with heated platens or by extrusion.

Particleboard

**2499 Wood Products, Not Elsewhere Classified**

Establishments primarily engaged in turning and shaping wood, and manufacturing miscellaneous wood products, not elsewhere classified, from rattan, reed, splint, straw, veneer, veneer strips, wicker, and willow. This industry also includes establishments manufacturing lasts and related products, cork products, hardboard, and wood or metal mirror and picture frames. Establishments primarily engaged in manufacturing particleboard are classified in Industry 2492, and those manufacturing pallets and skids in Industry 2448.

|   |   |
|---|---|
| Applicators, wood   | Bungs, wood   |
| Bakers' equipment, wood   | Buoys, cork   |
| Baskets, except fruit, vegetable, fish and bait : rattan, reed, straw, etc. | Bushings, wood  |
| Battery separators, wood  | Cane, chair : woven of reed or rattan                     |
| Bearings, wood  | Carpets, cork   |
| Beekeeping supplies, wood   | Cloth winding reels, wood                                 |
| Bentwood (steam bent) products, except furniture                            | Clothes driers (clothes horses), wood                     |
| Blocks, tackle : wood   | Clothes drying frames, wood                               |
| Blocks, tailors' pressing : wood  | Clothespins, wood   |
| Board, bagasse  | Clubs, policemen's : wood                                 |
| Boards, bulletin : wood and cork  | Cooling towers, wood or wood and sheet metal combination  |
| Boards : clip, ironing, meat, and pastry—wood                               | Cork products   |
| Boot and shoe lasts, regardless of material                                 | Corks, bottle   |
| Bowls, wood : turned and shaped   | Covers, bottle and demijohn : willow, rattan, and reed    |
| Briquettes, sawdust or bagasse : non-petroleum binder                       | Curtain stretchers, wood                                  |
|   | Dishes, wood  |
|   | Display forms for boots and shoes, regardless of material |

Group Industry  
No. No.  
249

MISCELLANEOUS WOOD PRODUCTS—Continued

2499 Wood Products, Not Elsewhere Classified—Continued

- Dowels, wood
- Extension planks, wood
- Faucets, wood
- Fellies, wood
- Fencing, wood except rough pickets, poles and rails
- Flour, wood
- Frames: medallion, mirror, photograph, and picture—wood or metal
- Framing pictures and mirrors for the trade
- Furniture inlays (veneers)
- Garment hangers, wood
- Gavels, wood
- Grain measures, wood: turned and shaped
- Hammers, meat: wood
- Hampers, laundry: rattan, reed, splint, veneer, and willow
- Handles, wood: turned and shaped
- Hardboard, tempered or untempered
- Hubs, wood
- Insulating materials, cork
- Jacks, ladder: wood
- Knobs, wood
- Ladders, wood
- Last sole patterns, regardless of material
- Letters, wood
- Life preservers, cork
- Mallets, wood
- Marbleboard (stone-face hard board)
- Market baskets, except fruit and vegetable: veneer and splint
- Marquetry, wood
- Mashers, potato: wood
- Masts, wood
- Mauls, wood
- Moldings, picture frame: finished
- Mulch, wood and bark
- Novelties, wood fiber
- Oars, wood
- Pads, table: rattan, reed, and willow
- Paint sticks, wood
- Pencil slats
- Plugs, wood
- Poles: clothesline, tent, flag, etc.
- Pressed logs of sawdust and other wood particles, nonpetroleum binder
- Pulleys, wood
- Racks, for drying clothes: wood
- Rattan ware, except furniture
- Reed ware, except furniture
- Reels, cloth winding: wood
- Reels, for drying clothes: wood
- Reels, plywood
- Rollers, wood
- Rolling pins, wood
- Rules and rulers, wood
- Saddle trees, wood
- Sawdust, reground
- Scaffolds, wood
- Scoops, wood
- Seat covers, rattan
- Seats, toilet: regardless of material
- Shoe stretchers, regardless of material
- Shoe trees, regardless of material
- Signboards, wood
- Skewers, wood
- Snow fence
- Spars, wood
- Spigots, wood
- Spokes, wood
- Spools except for textile machinery, wood
- Stakes, surveyors': wood
- Stepladders, wood
- Stoppers, cork
- Tile, cork
- Tool handles, wood: turned and shaped
- Toothpicks, wood
- Trays: wood, wicker, and bagasse
- Trophy bases, wood
- Vats, wood: except coopered
- Washboards, wood and part wood
- Webbing: cane, reed, and rattan
- Willow ware, except furniture
- Wood, except furniture: turned and carved
- Wood flour
- Woodenware, kitchen and household
- Yard sticks, wood

## Major Group 25.—FURNITURE AND FIXTURES

### *The Major Group as a Whole*

This major group includes establishments engaged in manufacturing household, office, public building, and restaurant furniture; and office and store fixtures. Establishments primarily engaged in the production of millwork are classified in Industry 2431; wood kitchen cabinets in Industry 2434; cut stone and concrete furniture in Major Group 32; laboratory and hospital furniture in Major Group 38; beauty and barber shop furniture in Major Group 39; and woodworking to individual order or in the nature of reconditioning and repair in nonmanufacturing industries.

Group Industry  
No. No.

### 251 HOUSEHOLD FURNITURE

#### 2511 Wood Household Furniture, Except Upholstered

Establishments primarily engaged in manufacturing wood household furniture commonly used in dwellings. This industry also includes establishments manufacturing camp furniture. Establishments primarily engaged in manufacturing upholstered furniture are classified in Industry 2512, and reed and rattan furniture in Industry 2519; television, radio, phonograph, and sewing machine cabinets in Industry 2517; and kitchen cabinets and bathroom vanities in Industry 2434.

Beds, including folding and cabinet beds: household—wood  
Bookcases, household: wood  
Breakfast sets (furniture), wood  
Bridge sets (furniture), wood  
Buffets (furniture)  
Cedar chests  
Chairs, bentwood  
Chairs, except upholstered, household: wood  
Chests, silverware: wood (floor standing)  
Chiffoniers and chifforobes  
China closets  
Coffee tables, wood  
Commodore  
Console tables, wood  
Cots, household: wood  
Cradles, wood  
Cribs, wood  
Desks, household: wood  
Dining room furniture, wood  
Dressers  
Dressing tables  
End tables, wood

Frames for box springs or bedsprings, wood  
Furniture: household, club room, lawn, novelty—wood, not upholstered  
Garden furniture, wood  
Headboards, wood  
High chairs, children's: wood  
Juvenile furniture, wood: except upholstered  
Magazine racks, wood  
Nursery furniture, wood  
Play pens, children's: wood  
Rockers, wood: except upholstered  
Screens, privacy: wood  
Secretaries, household: wood  
Stands: telephone, bedside, smoking, etc.—wood  
Stools, household: wood  
Storage chests, household: wood  
Swings, porch: wood  
Tables, household: wood  
Tea wagons, wood  
Vanity dressers  
Wardrobes, household: wood  
Whatnot shelves, wood

#### 2512 Wood Household Furniture, Upholstered

Establishments primarily engaged in manufacturing upholstered furniture on wood frames. Shops primarily engaged in reupholstering furniture, or upholstering frames to individual order, are classified in nonmanufacturing industries. Establishments primarily engaged in manufacturing dual purpose sleep furniture, such as studio couches, sofa beds, and chair beds, are classified in Industry 2515, regardless of the material used in the frame. Establishments primarily engaged in manufacturing wood frames for upholstered furniture are classified in Industry 2426.

Chairs, overstuffed or upholstered on wood frames  
Couches, upholstered on wood frames  
Davenport, upholstered on wood frames  
Furniture, household: upholstered on wood frames

Juvenile furniture, upholstered on wood frames  
Living room furniture, upholstered on wood frames  
Rockers, upholstered on wood frames  
Sofas, upholstered on wood frames

Group  
No. 251

Industry  
No. HOUSEHOLD FURNITURE—Continued  
2514 Metal Household Furniture

Establishments primarily engaged in manufacturing padded or plain metal household furniture of a type commonly used in dwellings. Establishments primarily engaged in manufacturing dual purpose sleep furniture, such as studio couches, sofa beds, and chair beds, are classified in Industry 2515, regardless of the material used in the frame.

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>Backs for metal household furniture</li> <li>Beds, including folding and cabinet beds: household—metal</li> <li>Bookcases, household: metal</li> <li>Breakfast sets (furniture), metal</li> <li>Bridge sets (furniture), metal</li> <li>Cabinets, kitchen: metal</li> <li>Cabinets, medicine: metal</li> <li>Cabinets, radio and television: metal</li> <li>Camp furniture, metal</li> <li>Cots, household: metal</li> <li>Cribs, metal</li> <li>Dinette sets, metal</li> <li>Frames for box springs or bedsprings, metal</li> <li>Furniture, club room: metal—padded or plain</li> <li>Garden furniture, metal</li> <li>Gliders (furniture), metal: padded or plain</li> </ul> | <ul style="list-style-type: none"> <li>Hammocks, metal or fabric and metal combination</li> <li>Household furniture, metal: padded or plain</li> <li>Household furniture upholstered on metal frames</li> <li>Juvenile furniture: metal</li> <li>Lawn furniture, metal</li> <li>Novelty furniture, metal</li> <li>Nursery furniture, metal</li> <li>Seats for metal household furniture</li> <li>Smoking stands, metal</li> <li>Stools, household: metal—padded or plain</li> <li>Swings, porch: metal</li> <li>Tables, household: metal</li> <li>Tea wagons, metal</li> </ul> |
|--|--|

2515 Mattresses and Bedsprings

Establishments primarily engaged in manufacturing innerspring mattresses, box spring mattresses and noninnerspring mattresses containing felt, foam rubber, urethane, hair, or any other filling material; and assembled wire springs (fabric, coil, or box) for use on beds, couches, and cots. This industry also includes establishments primarily engaged in manufacturing dual purpose sleep furniture, such as studio couches, sofa beds, and chair beds, regardless of the material used in the frame. Establishments primarily engaged in manufacturing automobile seats and backs are classified in Industry 2531; individual wire springs in Industry 3495; and paddings and upholstery filling in Industry 2293.

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>Beds, sofa and chair: on frames of any material</li> <li>Bedsprings, assembled</li> <li>Box springs, assembled</li> <li>Chair and couch springs, assembled</li> <li>Cot springs, assembled</li> <li>Cushion springs, assembled</li> <li>Cushions, spring</li> </ul> | <ul style="list-style-type: none"> <li>Mattresses, containing felt, foam rubber, urethane, etc.</li> <li>Mattresses: innerspring, box spring, and noninnerspring</li> <li>Spring cushions</li> <li>Studio couches, on frames of any material</li> </ul> |
|--|---|

2517 Wood Television, Radio, Phonograph, and Sewing Machine Cabinets

Establishments primarily engaged in manufacturing wood cabinets for radios, television sets, phonographs, and sewing machines.

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>Phonograph cabinets and cases, wood</li> <li>Radio cabinets and cases, wood</li> <li>Sewing machine cabinets and cases, wood</li> </ul> | <ul style="list-style-type: none"> <li>Stereo cabinets, wood</li> <li>Television cabinets, wood</li> </ul> |
|--|--|

2519 Household Furniture, Not Elsewhere Classified

Establishments primarily engaged in manufacturing reed, rattan and other wicker furniture, plastics and fiberglass household furniture and cabinets, and household furniture, not elsewhere classified.

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>Bassinets, reed and rattan</li> <li>Cabinets, radio and television: plastic</li> <li>Camp furniture, reed and rattan</li> <li>Chairs, cane</li> <li>Furniture, household: glass, fiberglass and plastics</li> <li>Furniture, household: rattan, reed, malacca, fiber, willow and wicker</li> <li>Garden furniture: except wood, metal, stone, and concrete</li> <li>Household furniture: rattan, reed, malacca, fiber, willow, and wicker</li> </ul> | <ul style="list-style-type: none"> <li>Juvenile furniture, rattan and reed: padded or plain</li> <li>Lawn furniture: except wood, metal, stone, and concrete</li> <li>Malacca furniture, padded or plain</li> <li>Rattan furniture, padded or plain</li> <li>Reed furniture, padded or plain</li> <li>Wicker furniture, padded or plain</li> <li>Willow furniture, padded or plain</li> </ul> |
|---|---|

Group Industry  
No. No.

**252 OFFICE FURNITURE**

**2521 Wood Office Furniture**

Establishments primarily engaged in manufacturing wood office furniture, whether padded, upholstered or plain.

Benches, office : wood  
Bookcases, office : wood  
Cabinets, office : wood  
Chairs, office : wood—padded, upholstered, or plain  
Desks, office : wood

Filing boxes, cabinets, and cases : wood  
Furniture, office : wood—padded, upholstered, or plain  
Stools, office : wood  
Tables, office : wood

**2522 Metal Office Furniture**

Establishments primarily engaged in manufacturing metal office furniture, whether padded or plain. Establishments primarily engaged in manufacturing safes and vaults are classified in Industry 3490.

Benches, office : metal  
Bookcases, office : metal  
Cabinets, office : metal  
Chairs, office : metal—padded or plain  
Desks, office : metal  
File drawer frames, metal

Filing boxes, cabinets, and cases : metal  
Furniture, office : metal—padded or plain  
Stools, office : rotating—metal  
Tables, office : metal  
Wall cases, office : metal

**253 PUBLIC BUILDING AND RELATED FURNITURE**

**2531 Public Building and Related Furniture**

Establishments primarily engaged in manufacturing furniture for schools, theaters, assembly halls, churches, and libraries. Establishments primarily engaged in manufacturing seats for public conveyances, as well as seats for automobiles and aircraft, are included in this industry. Establishments primarily engaged in manufacturing stone furniture are classified in Industry 3281, and concrete furniture in Industry 3272.

Benches for public buildings  
Blackboards, wood  
Bleacher seating, portable  
Chairs, portable folding : wood or metal  
Church furniture, except stone or concrete

Furniture : church, library, school, theater, and other public buildings  
Pews, church  
Seats : automobile, aircraft, railroad and other public conveyances

**254 PARTITIONS, SHELVING, LOCKERS, AND OFFICE AND STORE FIXTURES**

**2541 Wood Partitions, Shelving, Lockers, and Office and Store Fixtures**

Establishments primarily engaged in manufacturing wood shelving, lockers, office and store fixtures, prefabricated partitions, plastic laminated fixture tops, and related fabricated products. Establishments primarily engaged in manufacturing refrigerated cabinets, show cases, and display cases are classified in Industry 3585, and safes and vaults in Industry 3490.

Bar fixtures, wood  
Booths, telephone : wood  
Butchers' store fixtures, wood  
Cabinets, show, display, and storage : except refrigerated—wood  
Costumers, office and store : wood  
Counters and counter display cases, except refrigerated : wood  
Display cases and fixtures, except refrigerated : wood  
Drainboards, plastic laminated  
Fixture tops, plastic laminated  
Fixtures, display : office and store—wood  
Garment racks, wood

Lockers, except refrigerated : wood  
Lunchroom fixtures, wood  
Partitions, prefabricated : wood  
Pedestals, statuary : wood  
Plastic laminate over particleboard (fixture tops)  
Racks, merchandise display : wood  
Shelving, office and store : wood  
Showcases, except refrigerated : wood  
Sink tops, plastic laminated  
Store fronts, prefabricated : wood  
Table or counter tops, plastic laminated  
Window backs, store and lunchroom : prefabricated—wood

Group  
No. 254

Industry  
No.

**PARTITIONS, SHELVING, LOCKERS, AND OFFICE AND STORE FIXTURES—**

Continued

**2542 Metal Partitions, Shelving, Lockers, and Office and Store Fixtures**

Establishments primarily engaged in manufacturing metal shelving, storage racks, lockers, office and store fixtures, prefabricated partitions, and related fabricated products. Establishments primarily engaged in manufacturing refrigerated cabinets, show cases, and display cases are classified in Industry 3585, and safes and vaults in Industry 3499.

|   |  |
|---|--|
| Bar fixtures, metal   | Lockers, except refrigerated: metal                |
| Booths, telephone: metal  | Lunchroom fixtures, metal                          |
| Butchers' store fixtures, metal                                     | Mail pouch racks, metal                            |
| Cabinets, show, display, and storage:<br>except refrigerated—metal  | Mailing racks, postal service: metal               |
| Carrier cases and tables, mail: metal                               | Pallet racks, metal                                |
| Costumers, office and store: metal                                  | Partitions, prefabricated: sheet metal             |
| Counters and counter display cases, ex-<br>cept refrigerated: metal | Postal service lock boxes                          |
| Display cases and fixtures, except re-<br>frigerated: metal         | Racks, merchandise display and stor-<br>age: metal |
| Fixtures, display: office and store—<br>metal                       | Shelving angles and slotted bars, metal            |
| Garment racks, metal  | Shelving, office and store: metal                  |
|   | Showcases, except refrigerated: metal              |
|   | Sorting racks, mail: metal                         |
|   | Stands, merchandise display: metal                 |

259

**MISCELLANEOUS FURNITURE AND FIXTURES**

**2591 Drapery Hardware and Window Blinds and Shades**

Establishments primarily engaged in manufacturing curtain and drapery rods, poles, and fixtures; and venetian blinds and other window blinds and shades, regardless of the materials used, except canvas shades and awnings (Industry 2394).

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| Blinds, venetian                  | Porch shades, wood slat           |
| Blinds, vertical                  | Shade pulls, window               |
| Curtain rods, poles, and fixtures | Shades, window                    |
| Drapery rods, poles, and fixtures | Window shade rollers and fittings |

**2599 Furniture and Fixtures, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing furniture and fixtures, not elsewhere classified, including furniture specially designed for use in restaurants, bars, cafeterias, bowling establishments, and ships.

|   |  |
|---|--|
| Bar furniture   | Food wagons, restaurant                                  |
| Beds, hospital  | Furniture, restaurant: metal and wood                    |
| Bowling establishment furniture                                       | Office fixtures, except metal and wood                   |
| Cafeteria furniture   | Ship furniture   |
| Carts, restaurant equipment   | Stools, metal: with casters—not house-<br>hold or office |
| Dish carts, restaurant equipment                                      | Store fixtures, except metal and wood                    |
| Factory furniture: stools, work<br>benches, tool stands, and cabinets | Tray trucks, restaurant equipment                        |
| Food trucks, restaurant equipment                                     |  |

## Major Group 26.—PAPER AND ALLIED PRODUCTS

### *The Major Group as a Whole*

This major group includes the manufacture of pulps from wood and other cellulose fibers, and from rags; the manufacture of paper and paperboard; and the manufacture of paper and paperboard into converted products such as paper coated off the paper machine, paper bags, paper boxes, and envelopes. Certain types of converted paper products are classified elsewhere, such as abrasive paper in Industry 3291, carbon paper in Industry 3955, and photosensitized and blueprint paper in Industry 3861.

|              |                 |
|--------------|-----------------|
| Group<br>No. | Industry<br>No. |
|--------------|-----------------|

**261 PULP MILLS**

**2611 Pulp Mills**

Establishments primarily engaged in manufacturing pulp from wood or from other materials such as rags, linters, waste paper, and straw. Logging camps operated by pulp mills, and not separately reported, are also included in this industry. Establishments primarily engaged in cutting pulpwood are classified in Industry 2411; and pulp mills combined with paper mills or paperboard mills, and not separately reported, are classified with the latter in Industries 2621 and 2631, respectively.

Fiber pulp: made from wood, rags,  
waste paper, linters, straw, and  
bagasse  
Pulp mills

Pulp: soda, sulfate, sulfite, ground-  
wood, rayon, and semichemical  
Rayon pulp  
Wood pulp

**262**

**PAPER MILLS, EXCEPT BUILDING PAPER MILLS**

**2621 Paper Mills, Except Building Paper Mills**

Establishments primarily engaged in manufacturing paper (except building paper—Industry 2661) from wood pulp and other fibers, and which may also manufacture converted paper products. Pulp mills combined with paper mills, and not separately reported, are also included in this industry; where separately reported, they are classified in Industry 2611. Establishments primarily engaged in manufacturing converted paper products from purchased paper stock are classified in Groups 264 or 265.

Absorbent paper, *mitse*  
Bag paper, *mitse*  
Blotting paper, *mitse*  
Bond paper, *mitse*  
Book paper, *mitse*  
Bristols, except bogus: *mitse*  
Capacitor paper, *mitse*  
Catalog paper, *mitse*  
Cigarette paper, *mitse*  
Cleansing tissue stock  
Condenser paper, *mitse*  
Cover paper, *mitse*  
Facial tissue stock, *mitse*  
Filter paper, *mitse*  
Glassine wrapping paper, *mitse*  
Greaseproof wrapping paper, *mitse*  
Groundwood paper  
Hanging paper (wallpaper stock),  
*mitse*  
Kraft wrapping paper, *mitse*  
Lining paper, *mitse*  
Lithograph paper, *mitse*  
Manila wrapping paper, *mitse*  
Matrix paper, *mitse*

Milk filter disks, *mitse*  
Napkin stock, paper  
News tablet paper, *mitse*  
Newsprint  
Offset paper  
Paper, except building paper: *mitse*  
Paper mills, except building paper mills  
Parchment paper  
Poster paper, *mitse*  
Printing paper  
Rope and jute wrapping paper, *mitse*  
Rotogravure paper  
Shipping sack paper, *mitse*  
Tagboard, made in paper mills  
Text paper  
Thin paper, *mitse*  
Tissue paper, *mitse*  
Toilet tissue stock  
Towel paper, *mitse*  
Wallpaper stock (hanging paper),  
*mitse*  
Wrapping paper, *mitse*  
Writing paper, *mitse*



Group No. 263 Industry No.

**PAPERBOARD MILLS**

**2631 Paperboard Mills**

Establishments primarily engaged in manufacturing paperboard, including paperboard coated on the paperboard machine, from wood pulp and other fibers; and which may also manufacture converted paperboard products. Pulp mills combined with paperboard mills, and not separately reported, are also included in this industry; where separately reported, they are classified in Industry 2611. Establishments primarily engaged in manufacturing converted paperboard products from purchased paperboard are classified in Groups 264 or 265, and building board in Industry 2661.

- |  |   |
|--|---|
| Binders' board, <i>mitse</i>               | Newsboard, <i>mitse</i>                         |
| Board, except building board: <i>mitse</i> | Paperboard, except building board: <i>mitse</i> |
| Bottle cap board, <i>mitse</i>             | Paperboard mills, except building board mills   |
| Boxboard, <i>mitse</i>                     | Patent coated paperboard, <i>mitse</i>          |
| Bristols, bogus: <i>mitse</i>              | Pressboard, <i>mitse</i>                        |
| Cardboard, <i>mitse</i>                    | Set-up boxboard, <i>mitse</i>                   |
| Chipboard, <i>mitse</i>                    | Shoe board, <i>mitse</i>                        |
| Clay coated board, <i>mitse</i>            | Special food board, <i>mitse</i>                |
| Container board, <i>mitse</i>              | Stencil board, <i>mitse</i>                     |
| Folding boxboards, <i>mitse</i>            | Strawboard, except building board: <i>mitse</i> |
| Leatherboard, <i>mitse</i>                 | Tagboard, made in paperboard mills              |
| Liner board, kraft and jute: <i>mitse</i>  | Wet machine board, <i>mitse</i>                 |
| Manila lined board, <i>mitse</i>           |   |
| Matrix board, <i>mitse</i>                 |   |
| Milk carton board, <i>mitse</i>            |   |

264

**CONVERTED PAPER AND PAPERBOARD PRODUCTS, EXCEPT CONTAINERS AND BOXES**

**2641 Paper Coating and Glazing**

Establishments primarily engaged in manufacturing coated, glazed, or varnished paper from purchased paper. Also included are establishments primarily manufacturing pressure sensitive tape with backing of any material other than rubber. Establishments primarily engaged in manufacturing carbon paper are classified in Industry 3955 and photographic and blueprint paper in Industry 3861.

- |   |  |
|---|--|
| Book paper, coated: <i>mjpm</i>   | Labels, gummed: unprinted, cloth and paper base— <i>mjpm</i> |
| Bread wrappers, waxed or laminated: <i>mjpm</i>                             | Litmus paper   |
| Cellophane adhesive tape: <i>mjpm</i>                                       | Masking tape, <i>mjpm</i>                                    |
| Cloth lined paper, <i>mjpm</i>  | Metallic covered paper, <i>mjpm</i>                          |
| Coated paper (except photographic, carbon, and abrasive paper), <i>mjpm</i> | Oiled paper, <i>mjpm</i>                                     |
| Condenser paper, <i>mjpm</i>  | Soap impregnated papers and paper wash cloths, <i>mjpm</i>   |
| Enameled paper, <i>mjpm</i>   | Tape, pressure sensitive: except rubber backed               |
| Eyelets, cloth and paper: <i>mjpm</i>                                       | Tar paper, except building or roofing: <i>mjpm</i>           |
| Fancy paper, coated and glazed: <i>mjpm</i>                                 | Thermoplastic coated paper, <i>mjpm</i>                      |
| Fly paper, <i>mjpm</i>  | Towelettes, premoistened, <i>mjpm</i>                        |
| Glazed paper (except photographic, carbon, and abrasive paper), <i>mjpm</i> | Transfer paper, gold and silver: <i>mjpm</i>                 |
| Gummed paper, <i>mjpm</i>   | Waxed paper, <i>mjpm</i>                                     |
| Gummed tape, cloth and paper base: <i>mjpm</i>                              | Wrapping paper, waterproof: <i>mjpm</i>                      |

**2642 Envelopes**

Establishments primarily engaged in manufacturing envelopes of any description from purchased paper and paperboard. Establishments primarily engaged in manufacturing papeteries (boxed stationery) are classified in Industry 2648.

- Envelopes, printed or unprinted: paper, glassine, cellophane, and plico-film

Group Industry  
No. No.  
264

**CONVERTED PAPER AND PAPERBOARD PRODUCTS, EXCEPT CONTAINERS  
AND BOXES—Continued**

**2643 Bags, Except Textile Bags**

Establishments primarily engaged in manufacturing bags from purchased paper, cellophane, acetate, polyethylene, polypropylene, pliofilm, foil, and similar sheet or film materials.

Bags: cement, flour, grocers', moth-proof, shopping, shipping—*m/jpm*  
Cellophane bags, unprinted: *m/jpm*  
Coal bags, *m/jpm*  
Frozen food bags, *m/jpm*  
Garment bags (throwaway type of plastic film or paper), *m/jpm*  
Garment storage bags, *m/jpm*

Glassine bags, *m/jpm*  
Merchandise bags, *m/jpm*  
Plioilm bags, *m/jpm*  
Sacks, including multiwall or heavy duty shipping sacks: *m/jpm*  
Wardrobe bags (closet accessories), *m/jpm*

**2645 Die-Cut Paper and Paperboard and Cardboard**

Establishments primarily engaged in diecutting purchased paper and paperboard; and in manufacturing cardboard by laminating, lining, or surface coating paperboard. Establishments primarily engaged in laminating building paper or building board from purchased paper or board are classified in Industry 2649.

Board, chip: pasted—*m/jpm*  
Bottle caps and tops, die-cut from purchased paper or paperboard  
Card cutting  
Cardboard foundations and cut-outs, *m/jpm*  
Cardboard panels and cut-outs, *m/jpm*  
Cardboard: pasted, laminated, lined, and surface coated—*m/jpm*  
Cards, cut and designed; unprinted—*m/jpm*  
Cards, plain paper: die-cut or rotary cut from purchased materials  
Cards, tabulating and time recording: die-cut from purchased paperboard  
Cutouts, paper and paperboard: die-cut from purchased material  
Die-cut paper and paperboard, *m/jpm*  
Egg cartons, die-cut paper and paperboard: *m/jpm*  
Egg case fillers and flats, die-cut from purchased paper or paperboard  
Index and other cut cards, *m/jpm*  
Filing folders, *m/jpm*

Jacquard cards, *m/jpm*  
Jewelers' cards, *m/jpm*  
Lace, paper: die-cut from purchased materials  
Letters, cardboard: *m/jpm*  
Library cards, *m/jpm*  
Liners for freight car doors: reinforced with metal strip—*m/jpm*  
Manila folders, *m/jpm*  
Milk filter disks, die-cut from purchased paper  
Newsboard, pasted: *m/jpm*  
Photograph folders, mats, mounts, etc.: *m/jpm*  
Stencil board, *m/jpm*  
Stencil cards for addressing machines, *m/jpm*  
Tabulating cards, printed or unprinted: die-cut from purchased paperboard  
Time recording cards, die-cut from purchased paperboard  
Waterproof cardboard, *m/jpm*

**2646 Pressed and Molded Pulp Goods**

Establishments primarily engaged in manufacturing all kinds of pressed and molded pulp goods, including papier-mache articles other than statuary and art goods (Industry 3299). Establishments primarily engaged in manufacturing plates and utensils from paper are classified in Industry 2654.

Conduits, fiber (pressed pulp): *m/jpm*  
Cups, pressed and molded pulp: *m/jpm*  
Dishes, pressed and molded pulp: *m/jpm*  
Egg cartons, molded pulp: *m/jpm*  
Egg case filler flats, molded pulp: *m/jpm*  
False faces, papier mache: *m/jpm*  
Halloween lanterns, papier mache: *m/jpm*  
Masks, papier mache: *m/jpm*  
Papier mache articles, except statuary and art goods—*m/jpm*

Pipe and fittings, fiber  
Plates, pressed and molded pulp: *m/jpm*  
Pressed fiber products from wood pulp, *m/jpm*  
Pulp products, pressed and molded, except statuary: *m/jpm*  
Spoons, pressed and molded pulp: *m/jpm*  
Utensils, pressed and molded pulp: *m/jpm*

Group  
No. 264  
Industry  
No.

**CONVERTED PAPER AND PAPERBOARD PRODUCTS, EXCEPT CONTAINERS AND BOXES—Continued**

**2647 Sanitary Paper Products**

Establishments primarily engaged in manufacturing, from purchased paper, sanitary paper products, such as facial tissues and handkerchiefs, table napkins, toilet paper, towels, disposable diapers, and sanitary napkins and tampons.

|                                    |                                 |
|------------------------------------|---------------------------------|
| Cleansing tissues, <i>m/psm</i>    | Napkins, paper: <i>m/psm</i>    |
| Diapers, paper: <i>m/psm</i>       | Napkins, sanitary: <i>m/psm</i> |
| Facial tissues, <i>m/psm</i>       | Toilet paper, <i>m/psm</i>      |
| Handkerchiefs, paper: <i>m/psm</i> | Towels, paper: <i>m/psm</i>     |

**2648 Stationery, Tablets and Related Products**

Establishments primarily engaged in manufacturing stationery, tablets, looseleaf fillers, and related items from purchased paper. Establishments primarily engaged in manufacturing envelopes are classified in Industry 2642.

|  |  |
|--|--|
| Correspondence-type tablets, <i>m/psm</i>                                      | Notebooks, including mechanically bound by wire, plastic, etc.— <i>m/psm</i> |
| Desk pads, paper: <i>m/psm</i>   | Papeteries, <i>m/psm</i>   |
| Fillers for looseleaf devices, except printed forms: <i>m/psm</i>              | Stationery, <i>m/psm</i>   |
| Looseleaf fillers and ream paper in filler sizes, except printed: <i>m/psm</i> | Tablets and parts, book and writing: <i>m/psm</i>                            |
| Memorandum books, except printed: <i>m/psm</i>                                 | Writing paper and envelopes, boxed sets: <i>m/psm</i>                        |
| Newsprint tablets and pads, <i>m/psm</i>                                       |  |

**2649 Converted Paper and Paperboard Products, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing from purchased paper or paperboard miscellaneous converted paper or paperboard products, not elsewhere classified. Establishments primarily engaged in manufacturing sanitary paper products from purchased paper are classified in Industry 2647. The paper stock used for wallpaper called "hanging paper" is classified in Industry 2621. Establishments primarily engaged in manufacturing stationery, tablets and related products are classified in Industry 2648.

|  |   |
|--|---|
| Building board, laminated: <i>m/psm</i>                    | Paper, corrugated: <i>m/psm</i>   |
| Building paper, laminated: <i>m/psm</i>                    | Paper, crepe; and crepe paper products: <i>m/psm</i>                    |
| Confetti, <i>m/psm</i>                                     | Pin tickets, paper: <i>m/psm</i>  |
| Corrugated paper, <i>m/psm</i>                             | Rolls, paper: adding machine, telegraph tape, etc.— <i>m/psm</i>        |
| Crepe paper and crepe paper products, <i>m/psm</i>         | Tags, paper: unprinted— <i>m/psm</i>                                    |
| Doilies, paper: <i>m/psm</i>                               | Telegraph tape, paper: <i>m/psm</i>                                     |
| Excelsior, paper: <i>m/psm</i>                             | Teletypewriter paper, rolls with carbon: <i>m/psm</i>                   |
| Foil board, <i>m/psm</i>                                   | Wall tile, enameled masonry: <i>m/psm</i>                               |
| Fuel cell forms, cardboard: <i>m/psm</i>                   | Wallboard, decorated: <i>m/psm</i>                                      |
| Gift wrappers, paper: <i>m/psm</i>                         | Wallpaper, embossed plastic: made on textile backing                    |
| Hats, paper novelties: <i>m/psm</i>                        | Wallpaper, <i>m/psm</i>   |
| Honeycomb core and board, <i>m/psm</i>                     | Wrappers, paper except coated, oiled, or waxed: unprinted— <i>m/psm</i> |
| Insulating batts, fills, and blankets: paper— <i>m/psm</i> |   |
| Novelties, paper: <i>m/psm</i>                             |   |
| Pallet spacers, fiber: <i>m/psm</i>                        |   |
| Paper, building: laminated— <i>m/psm</i>                   |   |

**265 PAPERBOARD CONTAINERS AND BOXES**

**2651 Folding Paperboard Boxes**

Establishments primarily engaged in manufacturing folding paperboard boxes from purchased paperboard.

|   |   |
|---|---|
| Boxes, folding paperboard: <i>m/psm</i> | Paperboard backs for blister or skin packages: <i>m/psm</i> |
|---|---|

**2652 Set-up Paperboard Boxes**

Establishments primarily engaged in manufacturing set-up paperboard boxes from purchased paperboard.

|   |  |
|---|--|
| Boxes, newsboard: metal edged— <i>m/psm</i> | Filing boxes, paperboard: <i>m/psm</i> |
| Boxes, set-up paperboard: <i>m/psm</i>      |  |

Group Industry  
No. No.

265 PAPERBOARD CONTAINERS AND BOXES—Continued

2653 Corrugated and Solid Fiber Boxes

Establishments primarily engaged in manufacturing corrugated and solid fiber boxes and related products from purchased paperboard or fiber stock. Important products of this industry include corrugated and solid fiberboard boxes, pads, partitions, display items, pallets, single face products, and corrugated sheets.

|  |   |
|--|---|
| Boxes, corrugated and solid fiber : <i>m/jpm</i> | Pallets, corrugated and solid fiber.    |
| Display items, corrugated and solid              | board : <i>m/jpm</i>                    |
| fiberboard : <i>m/jpm</i>                        | Partitions, corrugated and solid fiber- |
| Hampers, shipping : paperboard and               | board : <i>m/jpm</i>                    |
| solid fiber— <i>m/jpm</i>                        | Sheets, corrugated and solid fiber-     |
| Pads, corrugated and solid fiberboard :          | board : <i>m/jpm</i>                    |
| <i>m/jpm</i>                                     |   |

2654 Sanitary Food Containers

Establishments primarily engaged in manufacturing food containers from special food board. Important products of this industry include fluid milk containers; folding paraffined cartons for butter, margarine, and shortening; ice cream containers; frozen food containers; liquid tight containers; round nested food containers; paper cups for hot or cold drinks; pails for food and ice cream; and stamped plates, dishes, spoons and similar products. Establishments primarily engaged in manufacturing similar items of plastics materials are classified in Industry 3079.

|  |  |
|--|--|
| Bottles, milk : paper— <i>m/jpm</i>            | Milk bottles, paper : <i>m/jpm</i>             |
| Cups, paper : <i>m/jpm</i> except those made   | Pails, sanitary food : <i>m/jpm</i>            |
| from pressed or molded pulp                    | Plates, paper : <i>m/jpm</i> except those made |
| Dishes, paper : <i>m/jpm</i> except those made | from pressed or molded pulp                    |
| from pressed or molded pulp                    | Soda straws, except glass or plastic :         |
| Drinking cups, paper : <i>m/jpm</i> except     | <i>m/jpm</i>                                   |
| those made from pressed or molded              | Spoons, paper : <i>m/jpm</i> except those      |
| pulp   | made from pressed or molded pulp               |
| Drinking straws, except glass or plas-         | Utensils, paper : <i>m/jpm</i> except those    |
| tic : <i>m/jpm</i>                             | made from pressed or molded pulp               |
| Food containers, liquid tight : sani-          |  |
| tary— <i>m/jpm</i>                             |  |

2655 Fiber Cans, Tubes, Drums, and Similar Products

Establishments primarily engaged in manufacturing from purchased materials fiber cans, cones, drums, and similar products with or without metal ends, and vulcanized fiber boxes.

|  |   |
|--|---|
| Ammunition cans or tubes, paperboard     | Hampers, shipping : vulcanized fiber—     |
| laminated with metal foil : <i>m/jpm</i> | <i>m/jpm</i>                              |
| Bobbins, fiber : <i>m/jpm</i>            | Mailing cases and tubes, paper fiber      |
| Bottles, paper fiber : <i>m/jpm</i>      | (metal end or all fiber) : <i>m/jpm</i>   |
| Boxes, vulcanized fiber : <i>m/jpm</i>   | Pans and voids, fiber or cardboard :      |
| Candelabra tubes, fiber : <i>m/jpm</i>   | <i>m/jpm</i>                              |
| Cans, composite : foil—fiber and other   | Reels, textile : fiber— <i>m/jpm</i>      |
| combinations, <i>m/jpm</i>               | Ribbon blocks, fiber : <i>m/jpm</i>       |
| Cans, fiber (metal end or all fiber) :   | Spools, fiber (metal end or all fiber) :  |
| <i>m/jpm</i>                             | <i>m/jpm</i>                              |
| Cases, mailing : paper fiber (metal end  | Textile reels, fiber : <i>m/jpm</i>       |
| or all fibers) : <i>m/jpm</i>            | Textile spinning bobbins, fiber (metal    |
| Cones, fiber : for winding yarn, string, | end or all fiber) : <i>m/jpm</i>          |
| ribbons, or cloth— <i>m/jpm</i>          | Tubes, fiber or paper (with or without    |
| Containers, laminated phenolic and       | metal ends) : <i>m/jpm</i>                |
| vulcanized fiber : <i>m/jpm</i>          | Tubes, for chemical and electrical uses : |
| Containers, liquid tight fiber (except   | impregnated paper or fiber— <i>m/jpm</i>  |
| sanitary food containers) : <i>m/jpm</i> | Wastebaskets, fiber (metal end or all     |
| Cores, fiber (metal end or all fiber) :  | fiber) : <i>m/jpm</i>                     |
| <i>m/jpm</i>                             |   |
| Drums, fiber (metal end or all fiber) :  |   |
| <i>m/jpm</i>                             |   |

Group No. 266 Industry No.

## BUILDING PAPER AND BUILDING BOARD MILLS

### 2661 Building Paper and Building Board Mills

Establishments primarily engaged in manufacturing building paper and building board from wood pulp and other fibrous materials. Pulp mills combined with building paper and building board mills, and not separately reported, are also included in this industry; where separately reported, they are classified in Industry 2611.

Asbestos paper and asbestos filled paper, *mitse*  
 Asphalt board and sheathing, *mitse*  
 Asphalt paper: laminated—*mitse*  
 Board, building: composition, cellular fiber, and hard pressed—*mitse*  
 Board, building: except gypsum—*mitse*  
 Building board, *mitse*  
 Building paper: sheathing, insulation, saturating, and dry felts—*mitse*  
 Construction paper, *mitse*  
 Dry felts, *mitse*  
 Felts, building: unsaturated—*mitse*  
 Fiber board, wood or other vegetable pulp: *mitse*  
 Insulating siding, paper or board, *mitse*

Insulation board, cellular fiber or hard pressed (without gypsum): *mitse*  
 Kraft sheathing paper, *mitse*  
 Lath, fiber: *mitse*  
 Paper, building: *mitse*  
 Paperboard, building (containing no gypsum): *mitse*  
 Roofing board and felt stock, unsaturated: *mitse*  
 Roofing, wood fiber: *mitse*  
 Saturated felts, *mitse*  
 Tar paper, building and roofing: *mitse*  
 Wall tile, fiber board: *mitse*  
 Wallboard, except gypsum: cellular fiber or hard pressed—*mitse*

## Major Group 27.—PRINTING, PUBLISHING, AND ALLIED INDUSTRIES

### *The Major Group as a Whole*

This major group includes establishments engaged in printing by one or more of the common processes, such as letterpress, lithography, gravure, or screen; and those establishments which perform services for the printing trade, such as bookbinding, typesetting, engraving, photoengraving, and electrotyping. This major group also includes establishments engaged in publishing newspapers, books, and periodicals, regardless of whether or not they do their own printing. News syndicates are classified in Service Industries, (Industry 7351), and textile printing and finishing in Major Group 22.

Group Industry  
No. No.

#### 271 NEWSPAPERS: PUBLISHING, PUBLISHING AND PRINTING

##### 2711 Newspapers: Publishing, Publishing and Printing

Establishments primarily engaged in publishing newspapers, or in publishing and printing newspapers. These establishments carry on the various operations necessary for issuing newspapers, including the gathering of news and the preparation of editorials and advertisements, but may or may not perform their own printing. Commercial printing is frequently carried on by establishments engaged in publishing and printing newspapers, but, even though the commercial printing may be of major importance, such establishments are included in this industry. Establishments not engaged in publishing newspapers, but which print or lithograph newspapers for publishers, are classified in Industry Group 275. News syndicates are classified in Service Industries (Industry 7351).

Commercial printing and newspaper  
publishing combined  
Job printing and newspaper publishing  
combined

Newspaper branch offices, editorial and  
advertising  
Newspapers: publishing and printing,  
or publishing only

#### 272 PERIODICALS: PUBLISHING, PUBLISHING AND PRINTING

##### 2721 Periodicals: Publishing, Publishing and Printing

Establishments primarily engaged in publishing periodicals, or in preparing, publishing, and printing periodicals. These establishments carry on the various operations necessary for issuing periodicals, but may or may not perform their own printing. Establishments not engaged in publishing periodicals, but which print or lithograph periodicals for publishers, are classified in Industry Group 275.

Comic books: publishing and printing,  
or publishing only  
Magazines: publishing and printing, or  
publishing only  
Periodicals: publishing and printing,  
or publishing only

Statistical reports (periodicals), pub-  
lishing of  
Trade journals, publishing of

#### 273 BOOKS

##### 2731 Books: Publishing, Publishing and Printing

Establishments primarily engaged in publishing only, or in publishing and printing books and pamphlets. Establishments primarily engaged in printing or in printing and binding (but not publishing) books and pamphlets are classified in Industry 2732.

Book clubs, publishing  
Book music: publishing and printing,  
or publishing only

Books: publishing and printing, or  
publishing only  
Pamphlets: publishing and printing, or  
publishing only

Group  
No. Industry  
No.

**BOOKS—Continued****2732 Book Printing**

Establishments primarily engaged in printing only or in printing and binding books and pamphlets, but not engaged in publishing. Establishments primarily engaged in publishing, or in publishing and printing books and pamphlets are classified in Industry 2731. Establishments engaged in both printing and binding books, but primarily binding books printed elsewhere, are classified in Industry 2789.

Book music: printing, printing and  
binding—not publishing  
Books: printing, printing and bind-  
ing—not publishing

Pamphlets: printing, or printing and  
binding—not publishing

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**MISCELLANEOUS PUBLISHING****2741 Miscellaneous Publishing**

Establishments primarily engaged in miscellaneous publishing activities, not elsewhere classified, whether or not engaged in printing. Establishments primarily engaged in offering financial, credit, or other business services, and which may publish directories as part of this service, are not included in this industry but are classified in Service Industries.

Atlases: publishing and printing, or  
publishing only  
Catalogs: publishing and printing, or  
publishing only  
Directories: publishing and printing,  
or publishing only  
Globe covers (maps): publishing and  
printing, or publishing only  
Guides: publishing and printing, or  
publishing only  
Maps: publishing and printing, or pub-  
lishing only

Micropublishing  
Music, book or sheet: publishing and  
printing, or publishing only  
Patterns, paper: publishing and print-  
ing, or publishing only  
Race track programs: publishing and  
printing or publishing only  
Shopping news: publishing and print-  
ing, or publishing only  
Technical manuals and papers: pub-  
lishing and printing, or publishing  
only  
Telephone directories: publishing and  
printing, or publishing only

275

**COMMERCIAL PRINTING****2751 Commercial Printing, Letterpress and Screen**

Establishments primarily engaged in letterpress and screen commercial or job printing, including flexographic. This industry includes general printing shops, as well as shops specializing in printing newspapers and periodicals for others, and those which specialize in screen printing. Establishments primarily engaged in printing books, without publishing, are classified in Industry 2732, and greeting cards in Industry 2771. Establishments primarily engaged in printing from lithographic plates are classified in Industry 2752, and gravure and rotogravure printing in Industry 2754.

Bags, cellophane: letterpress and  
screen printing  
Bread wrappers, letterpress and screen  
printing  
Business forms, except manifold: let-  
terpress and screen printing  
Calendars: letterpress and screen print-  
ing  
Cards, except greeting: letterpress and  
screen printing  
Catalogs: letterpress and screen print-  
ing (not publishing)  
Circulars: letterpress and screen print-  
ing  
Color printing: letterpress and screen  
Coupons: letterpress and screen print-  
ing  
Decalcomanias, screen printing  
Directories: letterpress and screen  
printing (not publishing)  
Embossing on paper  
Engraving, plateless  
Envelopes: letterpress and screen  
printing

Facsimile letters: letterpress and  
screen printing  
Fashion plates: letterpress and screen  
printing  
Flexographic printing  
Gummed labels and seals: letterpress  
and screen printing  
Imprinting: letterpress and screen  
Labels, printing or embossing only  
Letterpress printing, screen and flexo-  
graphic  
Letters, circular and form: letterpress  
and screen printing  
Magazines: letterpress and screen  
printing (not publishing)  
Maps: letterpress and screen printing  
(not publishing)  
Menus: letterpress and screen printing  
Music, sheet: letterpress and screen  
printing (not publishing)  
Newspapers: letterpress printing (not  
publishing)  
Periodicals: letterpress printing (not  
publishing)

Group Industry  
No. No.  
275

### COMMERCIAL PRINTING—Continued

#### 2751 *Commercial Printing, Letterpress and Screen—Continued*

|  |  |
|--|--|
| Plateless engraving  | Seals: printing or embossing only                                  |
| Playing cards: letterpress and screen printing                             | Souvenir cards: letterpress and screen printing                    |
| Post cards, picture: letterpress and screen printing                       | Stationery: letterpress and screen printing                        |
| Posters including billboard: letterpress and screen printing               | Tags: printing and embossing only                                  |
| Printing, commercial or job: letterpress and screen                        | Telephone directories: letterpress printing (not publishing)       |
| Printing: letterpress, screen and flexographic                             | Thermography   |
| Ready prints   | Tickets: letterpress and screen printing                           |
| Schedules, transportation: letterpress and screen printing                 | Trading stamps: letterpress and screen printing                    |
| Screen printing, except on textiles  | Visiting cards: letterpress and screen printing                    |
| Screen printing on glass, plastic, paper and metal including highway signs | Wrappers: letterpress and screen (including flexographic) printing |

#### 2752 *Commercial Printing, Lithographic*

Establishments primarily engaged in printing by the lithographic process. The greater part of the work in this industry is performed on a job or custom basis; but in some cases lithographed calendars, maps, posters, decalcomanias, etc., are made for sale. Offset printing, photo-offset printing, and photolithographing are also included in this industry. Establishments primarily engaged in lithographing books and pamphlets, without publishing, are classified in Industry 2732, and greeting cards in Industry 2771. Establishments primarily engaged in preparing lithographic plates and in related services are classified in Industry 2795.

|   |   |
|---|---|
| Advertising posters, lithographed             | Offset printing                               |
| Atlases, lithographed                         | Periodicals, lithographing only               |
| Billheads, lithographed                       | Photo-lithographing                           |
| Bread wrappers, lithographing only            | Photo-offset printing                         |
| Business forms, except manifold: lithographed | Planographing                                 |
| Calendars, lithographed                       | Playing cards, lithographed                   |
| Cards, lithographing only                     | Post cards, picture: lithographed             |
| Circulars, lithographed                       | Posters, lithographed                         |
| Color cards, paint: offset printing           | Printing from lithographic plates             |
| Color lithography                             | Printing, offset                              |
| Coupons, lithographing of                     | Printing, photo-offset                        |
| Decalcomanias (dry transfers), lithographed   | Schedules, transportation: lithographed       |
| Fashion plates, lithographed                  | Seals, lithographed                           |
| Labels, lithographed                          | Souvenir cards, lithographed                  |
| Letters, circular and form: lithographed      | Tags, lithographed                            |
| Lithographing on metal or paper               | Tickets, lithographed                         |
| Maps, lithographing only                      | Trading stamps, lithographed                  |
| Menus, lithographed                           | Transferring designs (lithographing)          |
| Newspapers, lithographing only                | Transfers, decalcomania and dry: lithographed |
|   | Visiting cards, lithographed                  |
|   | Wrappers, lithographing of                    |

#### 2753 *Engraving and Plate Printing*

Establishments primarily engaged in engraving and etching steel, copper, wood, or rubber plates; in using these plates to print stationery, visiting and other cards, invitations, maps, etc.; and in making woodcuts for use in printing illustrations, posters, etc. Engraving for purposes other than printing is classified in Industry 3479.

|   |   |
|---|---|
| <i>Announcements, engraved</i>  | <i>Halftones, engraved</i>                                |
| Bank notes, engraved  | Invitations, engraved                                     |
| Calendars, engraved   | Maps, engraved  |
| Cards, except greeting cards: engraving of                                | Plate printing  |
| Currency, engraving of  | Post cards, picture: engraved                             |
| Embossing plates for printing   | Printing from engraved and etched plates                  |
| Engraving of cards, except greeting cards                                 | Security certificates, engraved                           |
| Engraving on copper, steel, wood, or rubber plates, for printing purposes | Souvenir cards, engraved                                  |
| Engraving on textile printing rolls                                       | Stationery, engraved                                      |
| Engraving, steel line: for printing purposes                              | Stock certificates, engraved                              |
| Etching on copper, steel, wood, or rubber plates, for printing purposes   | Visiting cards, engraved                                  |
|   | Woodcuts for use in printing illustrations, posters, etc. |



Group Industry  
No. No.  
275

**COMMERCIAL PRINTING—Continued****2754 Commercial Printing, Gravure**

Establishments primarily engaged in gravure printing.

|   |   |
|---|---|
| Bread wrappers, gravure printing                  | Menus: gravure printing   |
| Business forms, except manifold: gravure printing | Music, sheet: gravure printing (not publishing)                       |
| Calendars: gravure printing                       | Newspapers: gravure printing (not publishing)                         |
| Cards, except greeting: gravure printing          | Periodicals: gravure printing (not publishing)                        |
| Catalogs: gravure printing (not publishing)       | Plates and cylinders, rotogravure printing: preparation of            |
| Circulars: gravure printing                       | Playing cards: gravure printing                                       |
| Color printing: gravure                           | Post cards, picture: gravure printing                                 |
| Coupons: gravure printing                         | Posters: gravure printing   |
| Directories: gravure printing (not publishing)    | Printing, commercial or job: gravure                                  |
| Envelopes: gravure printing                       | Printing: gravure, photogravure, rotary photogravure, and rotogravure |
| Facsimile letters: gravure printing               | Schedules, transportation: gravure printing                           |
| Fashion plates: gravure printing                  | Souvenir cards: gravure printing                                      |
| Gummed labels and seals: gravure printing         | Stationery: gravure printing  |
| Imprinting: gravure                               | Telephone directories: gravure printing (not publishing)              |
| Letters, circular and form: gravure printing      | Tickets: gravure printing   |
| Magazines: gravure printing (not publishing)      | Trading stamps: gravure printing                                      |
| Maps: gravure printing (not publishing)           | Visiting cards: gravure printing                                      |
|   | Wrappers: gravure printing  |

**276 MANIFOLD BUSINESS FORMS****2761 Manifold Business Forms**

Establishments primarily engaged in designing and printing, by any process, special forms for use in the operation of a business, in single and multiple sets, including carbonized or interleaved with carbon or otherwise processed for multiple reproduction.

|  |                                       |
|--|---------------------------------------|
| Autographic register forms, printed  | Fanfold forms                         |
| Business forms, manifold   | Sales books                           |
| Continuous forms, office and business: carbonized or multiple reproduction | Strip forms (manifold business forms) |
|  | Unit sets (manifold business forms)   |

**277 GREETING CARD PUBLISHING****2771 Greeting Card Publishing**

Establishments primarily engaged in the designing, publishing, and printing by any process of greeting cards for all occasions.

|  |  |
|--|--|
| Birthday cards, except hand painted: printed, engraved, lithographed, etc. | Greeting cards, except hand painted: printed, engraved, lithographed, etc. |
| Christmas cards, except hand painted                                       | Valentines, except hand painted: printed, engraved, lithographed, etc.     |
| Easter cards, except hand painted: printed, engraved, lithographed, etc.   |  |

**278 BLANKBOOKS, LOOSELEAF BINDERS, AND BOOKBINDING AND RELATED WORK****2782 Blankbooks, Looseleaf Binders and Devices**

Establishments primarily engaged in manufacturing blankbooks, looseleaf devices, and library binders; and in ruling paper.

|                               |  |
|-------------------------------|--|
| Account books                 | Looseleaf forms and fillers, pen ruled or printed only |
| Albums                        | Memorandum books, printed                              |
| Blankbook making              | Paper ruling   |
| Chart and graph paper, ruled  | Pass books: bank, etc.                                 |
| Checkbooks                    | Receipt books  |
| Diaries                       | Record albums  |
| Inventory blankbooks          | Sample books   |
| Ledgers and ledger sheets     | Scrapbooks   |
| Library binders, looseleaf    |  |
| Looseleaf devices and binders |  |

Group Industry  
No. No.

**273 BLANKBOOKS, LOOSELEAF BINDERS, AND BOOKBINDING AND RELATED WORK—Continued**

**2789 Bookbinding and Related Work**

Establishments primarily engaged in edition, trade, job, and library bookbinding; in book or paper bronzing, gilding, and edging; in map and sample mounting; and other services related to bookbinding. Establishments primarily binding books printed elsewhere are classified in this industry, but those primarily binding books printed in the same establishment are classified in Group 273.

Beveling of cards  
Binding only: books, pamphlets, magazines, etc.  
Book gilding, bronzing, edging, deckling, embossing, and gold stamping  
Bookbinding: edition, job, library, and trade  
Bronzing books, cards, or paper  
Display mounting  
Edging books, cards, or paper  
Magazines, binding only  
Mounting of maps and samples, for the trade

Pamphlets, binding only  
Paper bronzing, gilding, edging, and deckling  
Paper cutting, except diecutting  
Rebinding books, magazines, or pamphlets  
Repairing books (bookbinding)  
Swatches and samples, mounting for the trade  
Trade binding services

**279 SERVICE INDUSTRIES FOR THE PRINTING TRADE**

**2791 Typesetting**

Establishments primarily engaged in typesetting for the trade, including advertisement typesetting.

Advertisement typesetting  
Composition, hand: for the printing trade  
Composition, machine: linotype, monotype, etc.—for the printing trade

Photocomposition  
Typesetting, for the printing trade  
Typographic composition

**2793 Photoengraving**

Establishments primarily engaged in preparing photoengraved plates (halftones and linecuts). These establishments do not, as a rule, print from the plates which they make, but prepare them for use by others.

Halftones (photoengraving plates)  
Linecuts (photoengraving plates)

Photoengraving for the trade

**2794 Electrotyping and Stereotyping**

Establishments primarily engaged in preparing electrotypes and stereotype plates. These establishments do not, as a rule, print from the plates which they make, but prepare them for use by others.

Electrotypes plates  
Electrotyping for the trade

Stereotype plates  
Stereotyping for the trade

**2795 Lithographic Platemaking and Related Services**

Establishments primarily engaged in making lithographic plates and positives or negatives from which lithographic plates are made, and in related services. Establishments primarily engaged in printing by the lithographic process are classified in Industry 2752.

Lithographic plates or positives or negatives, preparation of

## Major Group 28.—CHEMICALS AND ALLIED PRODUCTS

### *The Major Group as a Whole*

This major group includes establishments producing basic chemicals, and establishments manufacturing products by predominantly chemical processes. Establishments classified in this major group manufacture three general classes of products: (1) basic chemicals such as acids, alkalies, salts, and organic chemicals; (2) chemical products to be used in further manufacture such as synthetic fibers, plastics materials, dry colors, and pigments; (3) finished chemical products to be used for ultimate consumption such as drugs, cosmetics, and soaps; or to be used as materials or supplies in other industries such as paints, fertilizers, and explosives. The mining of natural rock salt is classified in mining industries. Establishments primarily engaged in manufacturing nonferrous metals and high percentage ferroalloys are classified in Major Group 33; silicon carbide in Major Group 32; baking powder, other leavening compounds, and starches in Major Group 20; and artists' colors in Major Group 39. Establishments primarily engaged in packaging, repackaging, and bottling of purchased chemical products, but not engaged in manufacturing chemicals and allied products, are classified in trade industries.

Group Industry  
No. No.

### 281 INDUSTRIAL INORGANIC CHEMICALS

This group includes establishments primarily engaged in manufacturing basic industrial inorganic chemicals. Establishments primarily engaged in manufacturing formulated agricultural pesticides are classified in Industry 2879; medicinal chemicals, drugs and medicines in Industry 2833; and soap and cosmetics in Group 284.

#### 2812 Alkalies and Chlorine

Establishments primarily engaged in manufacturing alkalies and chlorine.

|                                   |                                 |
|-----------------------------------|---------------------------------|
| Alkalies                          | Potassium hydroxide             |
| Carbonates, potassium and sodium  | Sal soda                        |
| Caustic potash                    | Soda ash                        |
| Caustic soda                      | Sodium bicarbonate              |
| Chlorine, compressed or liquefied | Sodium carbonate (soda ash)     |
| Potassium carbonate               | Sodium hydroxide (caustic soda) |

#### 2813 Industrial Gases

Establishments primarily engaged in manufacturing gases for sale in compressed, liquid, and solid forms. Establishments primarily engaged in manufacturing fluorine and sulfur dioxide are classified in Industry 2819; household ammonia in Industry 2842, and other ammonia in Industry 2873; and chlorine in Industry 2812. Distributors of industrial gases and establishments primarily engaged in shipping liquid oxygen are classified in trade.

|  |                                  |
|--|----------------------------------|
| Acetylene  | Helium                           |
| Argon  | Hydrogen                         |
| Carbon dioxide   | Neon                             |
| Dry ice (solid carbon dioxide)                                   | Nitrogen                         |
| Gases, industrial: compressed, liquefied, or solid— <i>m/jpm</i> | Nitrous oxide                    |
|  | Oxygen, compressed and liquefied |

Group Industry  
No. No.

281 INDUSTRIAL INORGANIC CHEMICALS—Continued

2816 Inorganic Pigments

Establishments primarily engaged in manufacturing inorganic pigments. Important products of this industry include black pigments (except carbon black, Industry 2895), white pigments and color pigments. Organic color pigments, except animal black and bone black, are classified in Industry 2865.

|  |  |
|--|--|
| Animal black   | Lithopone                                    |
| Barium sulfate, precipitated (blanc fixé)                                | Metallic pigments, inorganic                 |
| Barytes pigments   | Mineral colors and pigments                  |
| Black pigments, except carbon black                                      | Minium (pigment)                             |
| Blanc fixé (barium sulfate, precipitated)                                | Ochers                                       |
| Bone black   | Paint pigments, inorganic                    |
| Chrome pigments: chrome green, chrome yellow, chrome orange, zinc yellow | Pearl essence                                |
| Color pigments, inorganic  | Pigments, inorganic                          |
| Iron blue pigment  | Prussian blue pigments                       |
| Iron colors  | Red lead pigment                             |
| Iron oxide, black  | Satin white pigment                          |
| Iron oxide, magnetic   | Siennas                                      |
| Iron oxide, yellow   | Titanium pigments                            |
| Lamp black   | Ultramarine pigment                          |
| Lead oxide pigments  | Umbers                                       |
| Lead pigments  | Vermillion pigment                           |
| Litharge   | White lead pigments                          |
|  | Whiting                                      |
|  | Zinc oxide pigments                          |
|  | Zinc pigments: zinc yellow and zinc sulphide |

2819 Industrial Inorganic Chemicals, Not Elsewhere Classified

Establishments primarily engaged in manufacturing industrial inorganic chemicals, not elsewhere classified. Important products of this industry include inorganic salts of sodium (excluding refined sodium chloride), potassium, aluminum, calcium, chromium, magnesium, mercury, nickel, silver, tin; inorganic compounds such as alums, calcium carbide, hydrogen peroxide, sodium silicate, ammonia compounds (except fertilizers), rare earth metal salts and elemental bromine, fluorine, iodine, phosphorus, and alkali metals (sodium, potassium, lithium, etc.). Establishments primarily engaged in mining, milling, or otherwise preparing natural potassium, sodium, or boron compounds (other than common salt) are classified in Industry 1474. Establishments primarily engaged in manufacturing household bleaches are classified in Industry 2842; phosphoric acid in Industry 2874; and nitric acid, anhydrous ammonia and other nitrogenous fertilizer materials in Industry 2873.

|   |   |
|---|---|
| Activated carbon and charcoal               | Bromine, elemental                          |
| Alkali metals                               | Caesium metal                               |
| Alumina                                     | Calcium carbide, chloride, and hypochlorite |
| Aluminum chloride                           | Calcium compounds, inorganic                |
| Aluminum compounds                          | Calcium metal                               |
| Aluminum hydroxide (alumina trihydrate)     | Calomel                                     |
| Aluminum oxide                              | Carbide                                     |
| Aluminum sulfate                            | Catalysts, chemical                         |
| Alums                                       | Cerium salts                                |
| Ammonia alum                                | Charcoal, activated                         |
| Ammonium chloride, hydroxide, and molybdate | Chlorosulfonic acid                         |
| Ammonium compounds, except for fertilizer   | Chromates and bichromates                   |
| Ammonium perchlorate                        | Chromic acid                                |
| Ammonium thiosulfate                        | Chromium compounds, inorganic               |
| Barium compounds                            | Chromium salts                              |
| Bauxite, refined                            | Cobalt chloride                             |
| Beryllium oxide                             | Cobalt 60 (radioactive)                     |
| Bleaching powder                            | Cobalt sulfate                              |
| Borax (sodium tetraborate)                  | Copper chloride                             |
| Boric acid                                  | Copper iodide and oxide                     |
| Boron compounds, not produced at mines      | Copper sulfate                              |
| Borosilicate                                | Cyanides                                    |
| Brine                                       | Desiccants, activated: silica gel           |
|   | Dichromates                                 |
|   | Ferric chloride                             |
|   | Ferrocyanides                               |

Group Industry  
No. No.  
281

## INDUSTRIAL INORGANIC CHEMICALS—Continued

## 2819 Industrial Inorganic Chemicals, Not Elsewhere Classified—Continued

|  |   |
|--|---|
| Fissionable material production  | Potassium iodide  |
| Fluorine, elemental  | Potassium metal   |
| Fuel propellants, solid: inorganic                                       | Potassium nitrate and sulfate                                     |
| Fuels, high energy: inorganic  | Potassium permanganate  |
| Glauber's salt   | Propellants for missiles, solid: inorganic                        |
| Heavy water  | Radium chloride   |
| High purity grade chemicals, inorganic: refined from technical grades    | Radium luminous compounds   |
| Hydrated alumina silicate powder   | Rare earth metal salts  |
| Hydrochloric acid  | Reagent grade chemicals, inorganic: refined from technical grades |
| Hydrocyanic acid   | Rubidium metal  |
| Hydrofluoric acid  | Salt cake (sodium sulfate)  |
| Hydrogen peroxide  | Salts of rare earth metals  |
| Hydrogen sulfide   | Scandium  |
| Hydrosulfites  | Silica, amorphous   |
| Hypophosphites   | Silica gel  |
| Indium chloride  | Silicofluorides   |
| Inorganic acids, except nitric or phosphoric                             | Silver bromide, chloride, and nitrate                             |
| Iodides  | Silver compounds, inorganic                                       |
| Iodine, elemental  | Soda alum   |
| Iodine, resublimed   | Sodium aluminate  |
| Iron sulphate  | Sodium aluminum sulfate   |
| Isotopes, radioactive  | Sodium antimoniate  |
| Laboratory chemicals, inorganic  | Sodium bichromate and chromate                                    |
| Lead oxides, other than pigments   | Sodium borates  |
| Lead silicate  | Sodium borohydride  |
| Lime bleaching compounds   | Sodium bromide, not produced at mines                             |
| Lithium compounds  | Sodium chlorate   |
| Lithium metal  | Sodium compounds, inorganic                                       |
| Luminous compounds, radium   | Sodium cyanide  |
| Magnesium carbonate  | Sodium hydrosulfite   |
| Magnesium chloride   | Sodium, metallic  |
| Magnesium compounds, inorganic   | Sodium molybdate  |
| Manganese dioxide powder, synthetic                                      | Sodium perborate  |
| Mercury chlorides (calomel, corrosive, sublimate), except U.S.P.         | Sodium peroxide   |
| Mercury compounds, inorganic   | Sodium phosphate  |
| Mercury oxides   | Sodium polyphosphate  |
| Mercury, redistilled   | Sodium silicate   |
| Metals, liquid   | Sodium silicofluoride   |
| Mixed acid   | Sodium stannate   |
| Muriate of potash, not produced at mines                                 | Sodium sulfate—bulk or tablets                                    |
| Nickel ammonium sulfate  | Sodium tetraborate, not produced at mines                         |
| Nickel carbonate   | Sodium thiosulfate  |
| Nickel compounds, inorganic  | Sodium tungstate  |
| Nickel sulfate   | Sodium uranate  |
| Nuclear cores, inorganic   | Stannic and stannous chloride                                     |
| Nuclear fuel reactor cores, inorganic                                    | Strontium carbonate, precipitated, and oxide                      |
| Nuclear fuel scrap reprocessing  | Strontium nitrate   |
| Oleum (fuming sulfuric acid)   | Sublimate, corrosive  |
| Oxidation catalyst made from porcelain                                   | Sulfate of potash and potash magnesia, not produced at mines      |
| Perchloric acid  | Sulfides and sulfites   |
| Peroxides, inorganic   | Sulfocyanides   |
| Phosphates, except defluorinated and ammoniated                          | Sulfur chloride   |
| Phosphorus and phosphorus oxychloride                                    | Sulfur dioxide  |
| Potash alum  | Sulfur hexafluoride gas   |
| Potassium aluminum sulfate   | Sulfur, recovered or refined, including from sour natural gas     |
| Potassium bichromate and chromate  | Sulfuric acid   |
| Potassium bromide  | Tanning agents, synthetic inorganic                               |
| Potassium chlorate   | Thiocyanates, inorganic   |
| Potassium chloride and cyanide   | Tin chloride  |
| Potassium compounds, inorganic: except potassium hydroxide and carbonate | Tin compounds, inorganic  |
| Potassium cyanide  | Tin oxide   |
| Potassium hypochlorate   | Tin salts   |
|  | Uranium slug, radioactive   |
|  | Water glass   |
|  | Zinc chloride   |

Group Industry  
No. No.  
282

**PLASTICS MATERIALS AND SYNTHETIC RESINS, SYNTHETIC RUBBER, SYNTHETIC AND OTHER MAN-MADE FIBERS, EXCEPT GLASS**

This group includes chemical establishments primarily engaged in manufacturing plastics materials and synthetic resins, synthetic rubbers, and cellulosic and man-made organic fibers. Establishments primarily engaged in the manufacture of rubber products, and those primarily engaged in the compounding of purchased resins or the fabrication of plastics sheets, rods, and miscellaneous plastics products, are classified in Major Group 30; and textile mills primarily engaged in throwing, spinning, weaving, or knitting textile products from manufactured fibers are classified in Major Group 22.

**2821 Plastics Materials, Synthetic Resins, and Nonvulcanizable Elastomers**

Establishments primarily engaged in manufacturing synthetic resins, plastics materials, and nonvulcanizable elastomers. Important products of this industry include: cellulose plastic materials; phenolic and other tar acid resins; urea and melamine resins; vinyl resins; styrene resins; alkyd resins; acrylic resins; polyethylene resins; polypropylene resins; rosin modified resins; coumarone-indene and petroleum polymer resins; and miscellaneous resins including polyamide resins, silicones, polyisobutylenes, polyesters, polycarbonate resins, acetal resins, fluorohydrocarbon resins; and casein plastics. Establishments primarily engaged in manufacturing fabricated plastics products or plastics film, sheet, rod, nontextile monofilaments and regenerated cellulose products, and vulcanized fiber are classified in Industry 3079, whether from purchased resins or from resins produced in the same plant. Establishments primarily engaged in compounding purchased resins are also classified in Industry 3079. Establishments primarily manufacturing adhesives are classified in Industry 2891.

|  |   |
|--|---|
| Acetal resins  | Nylon resins  |
| Acetate, cellulose (plastics)                            | Petroleum polymer resins                              |
| Acrylic resins   | Phenol-furfural resins                                |
| Acrylonitrile-butadiene-styrene resins                   | Phenolic resins                                       |
| Alcohol resins, polyvinyl                                | Phenoxy resins  |
| Alkyd resins   | Phthalic alkyd resins                                 |
| Allyl resins   | Phthalic anhydride resins                             |
| Butadiene copolymers, containing less than 50% butadiene | Polyacrylonitrile resins                              |
| Carbohydrate plastics                                    | Polyamide resins                                      |
| Casein plastics  | Polycarbonate resins                                  |
| Cellulose nitrate resins                                 | Polyesters  |
| Cellulose propionate (plastics)                          | Polyethylene resins                                   |
| Coal tar resins  | Polyhexamethylenediamine adipamide resins             |
| Condensation plastics                                    | Polyisobutylenes                                      |
| Coumarone-indene resins                                  | Polymerization plastics, except fibers                |
| Cresol-furfural resins                                   | Polypropylene resins                                  |
| Cresol resins  | Polystyrene resins                                    |
| Dicyandiamine resins                                     | Polyurethane resins                                   |
| Diisocyanate resins                                      | Polyvinyl chloride resins                             |
| Elastomers, nonvulcanizable (plastics)                   | Polyvinyl halide resins                               |
| Epichlorohydrin bisphenol                                | Polyvinyl resins                                      |
| Epichlorohydrin diphenol                                 | Protein plastics                                      |
| Epoxy resins   | Pyroxylin   |
| Ester gum  | Resins, phenolic                                      |
| Ethyl cellulose plastics                                 | Resins, synthetic: coal tar and non-coal tar          |
| Ethylene-vinyl acetate resins                            | Rosin modified resins                                 |
| Fluorohydrocarbon resins                                 | Silicone fluid solution (fluid for sonar transducers) |
| Ion exchange resins                                      | Silicone resins                                       |
| Ionomer resins   | Soybean plastics                                      |
| Isobutylene polymers                                     | Styrene resins  |
| Lignin plastics  | Styrene-acrylonitrile resins                          |
| Melamine resins  | Tar acid resins                                       |
| Methyl acrylate resins                                   | Urea resins   |
| Methyl cellulose plastics                                | Vinyl resins  |
| Methyl methacrylate resins                               |   |
| Molding compounds, plastics                              |   |
| Nitrocellulose plastics (pyroxylin)                      |   |

Group Industry  
No. No.  
282

**PLASTICS MATERIALS AND SYNTHETIC RESINS, SYNTHETIC RUBBER, SYNTHETIC AND OTHER MAN-MADE FIBERS, EXCEPT GLASS—Continued**

**2822 Synthetic Rubber (Vulcanizable Elastomers)**

Establishments primarily engaged in manufacturing synthetic rubber by polymerization or copolymerization. An elastomer for the purpose of this classification is a rubber-like material capable of vulcanization, such as copolymers of butadiene and styrene, or butadiene and acrylonitrile, polybutadienes, chloroprene rubbers, and isobutylene-isoprene copolymers. Butadiene copolymers containing less than 50% butadiene are classified in Industry 2821. Natural chlorinated rubbers and cyclized rubbers are considered as semifinished products and are classified in Industry 3069.

|  |  |
|--|--|
| Acrylate type rubbers                                      | Isoprene rubbers, synthetic                                |
| Acrylate-butadiene rubbers                                 | Neoprene   |
| Acrylic rubbers  | Nitrile-butadiene rubbers                                  |
| Adiprene   | Nitrile-chloroprene rubbers                                |
| Butadiene-acrylonitrile copolymers<br>(over 50% butadiene) | Nitrile type rubber  |
| Butadiene rubbers  | N-type rubber  |
| Butadiene-styrene copolymers (over<br>50% butadiene)       | Polybutadienes   |
| Butyl rubber   | Polyethylenes, chlorosulfonated                            |
| Chlorinated rubbers, synthetic                             | Polyisobutylene-isoprene elastomers                        |
| Chloroprene type rubbers                                   | Polyisobutylene (synthetic rubber)                         |
| Chlorosulfonated polyethylenes                             | Polymethylene rubbers                                      |
| Cyclo rubbers, synthetic                                   | Polysulfides   |
| EPDM polymers  | Pyridine-butadiene copolymers                              |
| Elastomers, vulcanizable (synthetic<br>rubber)             | Pyridine-butadiene rubbers                                 |
| Epichlorohydrin elastomers                                 | Rubber, synthetic  |
| Ethane   | Silicone rubbers   |
| Ethylene-propylene rubbers                                 | S-type rubber  |
| Fluoro rubbers   | Stereo regular elastomers                                  |
| Fluorocarbon derivative rubbers                            | Styrene-butadiene rubbers (50% or less<br>styrene content) |
| Hypalon  | Styrene-chloroprene rubbers                                |
| Isobutylene-isoprene rubbers                               | Styrene-isoprene rubbers                                   |
| Isocyanate type rubber                                     | Thiol rubbers  |
|  | Urethane rubbers   |
|  | Vulcanized oils  |

**2823 Cellulosic Man-Made Fibers**

Establishments primarily engaged in manufacturing cellulosic fibers (including cellulose acetate and regenerated cellulose such as rayon by the viscose or cuprammonium process) in the form of monofilament, yarn, staple or tow suitable for further manufacturing on spindles, looms, knitting machines or other textile processing equipment. Establishments primarily engaged in manufacturing textile glass fibers are classified in Industry 3229.

|   |   |
|---|---|
| Acetate fibers  | Rayon primary products: fibers, straw,<br>strips, and yarn      |
| Cellulose acetate monofilament, yarn,<br>staple, or tow | Rayon yarn, made in chemical plants<br>(primary products)       |
| Cellulose fibers, man-made                              | Regenerated cellulose fibers                                    |
| Cigarette tow, cellulosic fiber                         | Triacetate fibers   |
| Cuprammonium fibers                                     | Viscose fibers, bands, strips, and yarn                         |
| Fibers, cellulose man-made                              | Yarn, cellulosic: made in chemical<br>plants (primary products) |
| Fibers, rayon   |   |
| Horsehair, artificial: rayon                            |   |
| Nitrocellulose fibers                                   |   |

Group Industry  
No. No.

**282 PLASTICS MATERIALS AND SYNTHETIC RESINS, SYNTHETIC RUBBER, SYNTHETIC AND OTHER MAN-MADE FIBERS, EXCEPT GLASS—Continued**

**2824 Synthetic Organic Fibers, Except Cellulosic**

Establishments primarily engaged in manufacturing synthetic organic fibers, except cellulosic (including those of regenerated proteins, and of polymers or copolymers of such components as vinyl chloride, vinylidene chloride, linear esters, vinyl alcohols, acrylonitrile, ethylenes, amides, and related polymeric materials) in the form of monofilament, yarn, staple or tow suitable for further manufacturing on spindles, looms, knitting machines or other textile processing equipment. Establishments primarily engaged in manufacturing textile glass fibers are classified in Industry 3229.

|  |  |
|--|--|
| Acrylic fibers                               | Polyester fibers                               |
| Acrylonitrile fibers                         | Polyvinyl ester fibers                         |
| Anidex fibers                                | Polyvinylidene chloride fibers                 |
| Casein fibers                                | Protein fibers                                 |
| Elastomeric fibers                           | Saran fibers                                   |
| Fibers, man-made: except cellulosic          | Soybean fibers (man-made textile materials)    |
| Fluorocarbon fibers                          | Vinal fibers                                   |
| Horsehair, artificial: nylon                 | Vinylidene chloride fibers                     |
| Linear esters fibers                         | Yarn, organic man-made fiber except cellulosic |
| Modacrylic fibers                            | Zein fibers                                    |
| Nylon fibers and bristles                    |  |
| Olefin fibers                                |  |
| Organic fibers, synthetic: except cellulosic |  |

**283**

**DRUGS**

This group includes establishments primarily engaged in manufacturing, fabricating, or processing medicinal chemicals and pharmaceutical products. Also included in this group are establishments primarily engaged in the grading, grinding, and milling of botanicals.

**2831 Biological Products**

Establishments primarily engaged in the production of bacterial and virus vaccine, toxoids and analogous products (such as allergenic extracts), serums, plasmas, and other blood derivatives for human or veterinary use.

|  |                               |
|--|-------------------------------|
| Agar culture media   | Culture media or concentrates |
| Aggressins   | Diagnostic agents, biological |
| Allergenic extracts  | Diphtheria toxin              |
| Allergens  | Plasmas                       |
| Antigens   | Pollen extracts               |
| Anti-hog-cholera serums  | Serobacterins                 |
| Antiserums   | Serums                        |
| Antitoxins   | Toxins                        |
| Antivenom  | Toxoids                       |
| Bacterial vaccines   | Tuberculin                    |
| Bacterins  | Vaccines                      |
| Bacteriological media  | Venoms                        |
| Biological and allied products: antitoxins, bacterins, vaccines, viruses | Viruses                       |
| Blood derivatives, for human or veterinary use                           |                               |

**2833 Medicinal Chemicals and Botanical Products**

Establishments primarily engaged in (1) manufacturing bulk organic and inorganic medicinal chemicals and their derivatives; and (2) processing (grading, grinding, and milling) bulk botanical drugs and herbs. Establishments primarily engaged in manufacturing agar-agar and similar products of natural origin, endocrine products, manufacturing or isolating basic vitamins, and isolating active medicinal principals such as alkaloids from botanical drugs and herbs are also included in this industry.

|  |   |
|--|---|
| Adrenal derivatives: bulk, un-compounded | Atropine and derivatives                                  |
| Agar-agar (ground)                       | Barbituric acid and derivatives: bulk, un-compounded      |
| Alkaloids and salts                      | Botanical products, medicinal: ground, graded, and milled |
| Anesthetics, in bulk form                | Brucine and derivatives                                   |
| Antibiotics: bulk un-compounded          |   |



Group Industry  
No. No.  
283

## DRUGS—Continued

## 2833 Medicinal Chemicals and Botanical Products—Continued

|  |  |
|--|--|
| Caffeine and derivatives                                       | Oils, vegetable and animal: medicinal grade—refined and concentrated |
| Chemicals, medicinal: organic and inorganic—bulk, uncompounded | Opium derivatives  |
| Cinchona and derivatives                                       | Ox bile salts and derivatives: bulk, uncompounded                    |
| Cocaine and derivatives  | Penicillin: bulk, uncompounded                                       |
| Codeine and derivatives  | Physostigmine and derivatives  |
| Digitoxin  | Pituitary gland derivatives: bulk, uncompounded                      |
| Drug grading, grinding, and milling                            | Procaine and derivatives: bulk, uncompounded                         |
| Endocrine products   | Quinine and derivatives  |
| Ephedrine and derivatives                                      | Reserpines   |
| Ergot alkaloids  | Salicylic acid derivatives, medicinal grade                          |
| Fish liver oils, refined and concentrated for medicinal use    | Strychnine and derivatives   |
| Gland derivatives: bulk, uncompounded                          | Sulfa drugs  |
| Herb grinding, grading, and milling                            | Sulfonamides   |
| Hormones and derivatives                                       | Theobromine  |
| Insulin: bulk, uncompounded                                    | Vegetable gelatin (agar-agar)  |
| Kelp plants  | Vegetable oils, medicinal grade: refined and concentrated            |
| Mercury chlorides, U.S.P.                                      | Vitamins, natural and synthetic: bulk, uncompounded                  |
| Mercury compounds, medicinal: organic and inorganic            |  |
| Morphine and derivatives                                       |  |
| N-methylpiperazine   |  |

## 2834 Pharmaceutical Preparations

Establishments primarily engaged in manufacturing, fabricating, or processing drugs in pharmaceutical preparations for human or veterinary use. The greater part of the products of these establishments are finished in the form intended for final consumption, such as ampuls, tablets, capsules, vials, ointments, medicinal powders, solutions, and suspensions. Products of this industry consist of two important lines, namely: (1) pharmaceutical preparations promoted primarily to the dental, medical, or veterinary professions; and (2) pharmaceutical preparations promoted primarily to the public.

|   |  |
|---|--|
| Adrenal pharmaceutical preparations                         | Iodine, tincture of                            |
| Analgesics  | Laxatives                                      |
| Anesthetics, packaged                                       | Liniments                                      |
| Antacids  | Lozenges, pharmaceutical                       |
| Anthelmintics   | Medicines, capsuled or ampuled                 |
| Antibiotics, packaged                                       | Nitrofurantoin preparations                    |
| Antihistamine preparations                                  | Nitrous oxide for anesthetic use               |
| Antipyretics  | Ointments                                      |
| Antiseptics, medicinal                                      | Parenteral solutions                           |
| Astringents, medicinal                                      | Penicillin preparations                        |
| Barbituric acid pharmaceutical preparations                 | Pharmaceuticals                                |
| Belladonna pharmaceutical preparations                      | Pills, pharmaceutical                          |
| Botanical extracts: powdered, pilular, solid, and fluid     | Pituitary gland pharmaceutical preparations    |
| Chapsticks  | Poultry and animal remedies                    |
| Chlorination tablets and kits (water purification)          | Powders, pharmaceutical                        |
| Cold remedies   | Procaine pharmaceutical preparations           |
| Cough medicines   | Proprietary drug products                      |
| Cyclopropane for anesthetic use (U.S.P. par N.F.), packaged | Remedies, human and animal                     |
| Dextrose and sodium chloride injection, mixed               | Syrups, pharmaceutical                         |
| Dextrose injection  | Sodium chloride solution for injection, U.S.P. |
| Digitalis pharmaceutical preparations                       | Sodium salicylate tablets                      |
| Diuretics   | Solutions, pharmaceutical                      |
| Druggists' preparations (pharmaceuticals)                   | Spirits, pharmaceutical                        |
| Effervescent salts  | Suppositories                                  |
| Emulsifiers, fluorescent inspection                         | Tablets, pharmaceutical                        |
| Emulsions, pharmaceutical                                   | Thyroid preparations                           |
| Ether for anesthetic use                                    | Tinctures, pharmaceutical                      |
| Fever remedies  | Tranquillizers and mental drug preparations    |
| Galenic preparations  | Vermifuges                                     |
| Hormone preparations  | Veterinary pharmaceutical preparations         |
| Insulin preparations  | Vitamin preparations                           |
| Intravenous solutions                                       | Water decontamination or purification tablets  |
|   | Water, sterile: for injections                 |
|   | Zinc ointment                                  |

Group Industry  
No. No.  
284

**SOAP, DETERGENTS, AND CLEANING PREPARATIONS, PERFUMES, COSMETICS, AND OTHER TOILET PREPARATIONS**

This group includes establishments primarily engaged in manufacturing soap and other detergents and in producing glycerin from vegetable and animal fats and oils; specialty cleaning, polishing, and sanitation preparations; and surface active preparations used as emulsifiers, wetting agents, and finishing agents, including sulfonated oils; and perfumes, cosmetics, and other toilet preparations.

**2841 Soap and Other Detergents, Except Specialty Cleaners**

Establishments primarily engaged in manufacturing soap, synthetic organic detergents, inorganic alkaline detergents, or any combination thereof, and establishments producing crude and refined glycerin from vegetable and animal fats and oils. Establishments primarily engaged in manufacturing shampoos or shaving products, whether from soap or synthetic detergents, are classified in Industry 2844; and synthetic glycerin in Industry 2869.

|   |  |
|---|--|
| Detergents, synthetic organic and inorganic alkaline    | Mechanics' paste                                 |
| Dye removing cream, soap base                           | Scouring compounds                               |
| Foots soap  | Soap: granulated, liquid, cake, flaked, and chip |
| Glycerin, crude and refined: from fats—except synthetic | Textile soap                                     |
|   | Washing compounds                                |

**2842 Specialty Cleaning, Polishing, and Sanitation Preparations**

Establishments primarily engaged in manufacturing furniture, metal, and other polishes; waxes and dressings for fabricated leather and other materials; household, institutional and industrial plant disinfectants, deodorants; dry cleaning preparations; household bleaches; and other sanitation preparations. Establishments primarily manufacturing household pesticidal preparations are classified in Industry 2879.

|  |  |
|--|--|
| Ammonia, household                                     | Household bleaches, dry or liquid                            |
| Aqua ammonia, household                                | Industrial plant disinfectants and deodorants                |
| Beeswax, processing of                                 | Ink, burnishing  |
| Belt dressing  | Ink eradicators  |
| Blackings  | Leather dressings and finishes                               |
| Bleaches, household: liquid or dry                     | Lye, household   |
| Burnishing ink   | Paint and wallpaper cleaners                                 |
| Chlorine bleaching compounds, household: liquid or dry | Polishes: furniture, automobile, metal, shoe, and stove      |
| Cleaning and polishing preparations                    | Polishing and cleaning preparations                          |
| Cloths, dusting and polishing: chemically treated      | Re-refining dry-cleaning fluid                               |
| Degreasing solvent                                     | Rug, upholstery, and dry cleaning detergents and spotters    |
| Deodorants, nonpersonal                                | Rust removers  |
| Disinfectants, household and industrial plant          | Saddle soap  |
| Drain pipe solvents and cleaners                       | Sanitation preparations                                      |
| Dressings for fabricated leather and other materials   | Shoe cleaners and polishes                                   |
| Dry cleaning preparations                              | Sodium hypochlorite  |
| Dust mats, gelatin                                     | Stain removers   |
| Dusting cloths, chemically treated                     | Starches, plastic  |
| Dye removing cream, petroleum base                     | Sweeping compounds, oil and water absorbent, clay or sawdust |
| Floor wax emulsion                                     | Wallpaper cleaners   |
| Floor waxes  | Wax removers   |
| Furniture polish and wax                               | Waxes for wood, fabricated leather, and other materials      |
| Harness dressing                                       |  |

Group Industry  
No. No.  
284

**SOAP, DETERGENTS, AND CLEANING PREPARATIONS, PERFUMES, COSMETICS, AND OTHER TOILET PREPARATIONS—Continued**

**2843 Surface Active Agents, Finishing Agents, Sulfonated Oils and Assistants**

Establishments primarily engaged in producing surface active preparations for use as wetting agents, emulsifiers, and penetrants. Establishments engaged in producing sulfonated oils and fats and related products are also included.

|  |   |
|--|---|
| Assistants, textile and leather processing         | Penetrants  |
| Calcium salts of sulfonated oils, fats, or greases | Sodium salts of sulfonated oils, fats, or greases |
| Cod oil, sulfonated                                | Softeners (textile assistants)                    |
| Emulsifiers, except food and pharmaceutical        | Soluble oils and greases                          |
| Finishing agents, textile and leather              | Sulfonated oils, fats and greases                 |
| Leather finishing agents                           | Surface active agents                             |
| Mordants   | Textile processing assistants                     |
| Oil, turkey red                                    | Textile scouring compounds and wetting agents     |
| Oils, soluble (textile assistants)                 | Thin water (admixture)                            |

**2844 Perfumes, Cosmetics, and Other Toilet Preparations**

Establishments primarily engaged in manufacturing perfumes (natural and synthetic), cosmetics, and other toilet preparations. This industry also includes establishments primarily engaged in blending and compounding perfume bases; and those manufacturing shampoos and shaving products, whether from soap or synthetic detergents. Establishments primarily engaged in manufacturing synthetic perfume and flavoring materials are classified in Industry 2869, and essential oils in Industry 2899.

|                           |  |
|---------------------------|--|
| Bath salts                | Lipsticks  |
| Bay rum                   | Manicure preparations  |
| Body powder               | Mouth washes   |
| Colognes                  | Perfume bases, blending and compounding                              |
| Concentrates, perfume     | Perfumes, natural and synthetic                                      |
| Cosmetic creams           | Powder: baby, face, talcum, and toilet                               |
| Cosmetic lotions and oils | Rouge, cosmetic  |
| Cosmetics                 | Sachet   |
| Cupranol                  | Shampoos   |
| Dentifrices               | Shaving preparations: cakes, creams, lotions, powders, tablets, etc. |
| Denture cleaners          | Talcum powders   |
| Deodorants, personal      | Toilet creams, powders, and waters                                   |
| Depilatories (cosmetic)   | Toilet preparations  |
| Dressings, cosmetic       | Tooth pastes and powders   |
| Face creams and lotions   | Washes, cosmetic   |
| Face powders              |  |
| Home permanent kits       |  |

**285 PAINTS, VARNISHES, LACQUERS, ENAMELS, AND ALLIED PRODUCTS**

**2851 Paints, Varnishes, Lacquers, Enamels, and Allied Products**

Establishments primarily engaged in manufacturing paints (in paste and ready mixed form); varnishes; lacquers; enamels and shellac; putties, wood fillers and sealers; paint and varnish removers; paint brush cleaners and allied paint products. Establishments primarily engaged in manufacturing carbon black are classified in Industry 2895; bone black, lamp black, and inorganic color pigments in Industry 2816; organic color pigments in Industry 2865; plastics materials in Industry 2821; printing ink in Industry 2893; calking compounds and sealants in Industry 2891; and artists' paints in Industry 3952.

|   |                                |
|---|--------------------------------|
| Calcimines, dry and paste                       | Kalsomines, dry or paste       |
| Cleaners, paint brush                           | Lacquer bases and dopes        |
| Coating, air curing                             | Lacquer, clear and pigmented   |
| Colors in oil, except artists'                  | Lacquer thinner                |
| Dispersions, thermoplastic and colloidal: paint | Lacquers, plastic              |
| Dopes (paint)                                   | Lead-in-oil paints             |
| Driers, paint                                   | Linoleates (paint driers)      |
| Enamels, except dental and china painting       | Lithographic varnishes         |
| Epoxy coatings, made from purchased resin       | Marine paints                  |
| Fillers, wood: dry, liquid, and paste           | Naphthanate driers             |
| Intaglio ink vehicle                            | Oleate driers                  |
| Japans, baking and drying                       | Paint brush cleaners           |
|   | Paint driers                   |
|   | Paint removers                 |
|   | Paints, asphalt and bituminous |

Group Industry  
No. No.

**285 PAINTS, VARNISHES, LACQUERS, ENAMELS, AND ALLIED PRODUCTS—Con.**

**2851 Paints, Varnishes, Lacquers, Enamels, and Allied Products—Continued**

|   |                               |
|---|-------------------------------|
| Paints: oil and alkyd vehicle, and water thinned    | Soyate driers                 |
| Paints, plastic texture: paste and dry              | Stains: varnish, oil, and wax |
| Paints, waterproof                                  | Tallate driers                |
| Phenol formaldehyde coatings, baking and air curing | Undercoatings, paint          |
| Plastics base paints and varnishes                  | Varnish removers              |
| Plastisol coating compound                          | Varnishes                     |
| Polyurethane coatings                               | Vinyl coatings, strippable    |
| Primers, paint                                      | Vinyl plasticol               |
| Putty   | Water paints                  |
| Resinate driers                                     | Wood fillers and sealers      |
| Shellac (protective coating)                        | Wood stains                   |
|   | Zinc oxide in oil (paint)     |

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**INDUSTRIAL ORGANIC CHEMICALS**

Establishments primarily engaged in manufacturing industrial organic chemicals. Important products of this group include: (1) non-cyclic organic chemicals such as acetic, chloroacetic, adipic, formic, oxalic and tartaric acids and their metallic salts; chloral, formaldehyde and methylamine; (2) solvents such as amyl, butyl, and ethyl alcohols; methanol; amyl, butyl and ethyl acetates; ethel ether, ethylene glycol ether and diethylene glycol ether; acetone, carbon disulfide and chlorinated solvents such as carbon tetrachloride, perchloroethylene and trichloroethylene; (3) polyhydric alcohols such as ethylene glycol, sorbitol, pentaerythritol, synthetic glycerin; (4) synthetic perfume and flavoring materials such as coumarin, methyl salicylate, saccharin, citral, citronellal, synthetic geraniol, ionone, terpeneol, and synthetic vanillin; (5) rubber processing chemicals such as accelerators and antioxidants, both cyclic and acyclic; (6) plasticizers, both cyclic and acyclic, such as esters of phosphoric acid, phthalic anhydride, adipic acid, lauric acid, oleic acid, sebacic acid, and stearic acid; (7) synthetic tanning agents such as naphthalene sulfonic acid condensates; (8) chemical warfare gases; (9) esters, amines, etc. of polyhydric alcohols and fatty and other acids; (10) cyclic crudes and intermediates; (11) cyclic dyes and organic pigments; and (12) natural gum and wood chemicals. Establishments primarily engaged in manufacturing plastics materials and nonvulcanizable elastomers are classified in Industry 2821; synthetic rubber in Industry 2822; essential oils in Industry 2899; rayon and other synthetic fibers in Industries 2823 and 2824; specialty cleaning, polishing and sanitation preparations in Industry 2842; paints in Industry 2851; and inorganic pigments in Industry 2816. Distilleries engaged in the manufacture of grain alcohol for beverage purposes are classified in Industry 2085.

**2861 Gum and Wood Chemicals**

Establishments primarily engaged in manufacturing hardwood and softwood distillation products, wood and gum naval stores, charcoal, natural dyestuffs, and natural tanning materials. Establishments primarily engaged in manufacturing synthetic tanning materials and synthetic organic chemicals are classified in Industry 2869, and synthetic organic dyes in Industry 2865.

|   |  |
|---|--|
| Acetate of lime, natural                          | Fustic wood extract  |
| Acetone, natural                                  | Gambier extract  |
| Annato extract                                    | Gum naval stores, processing but not gathering or warehousing  |
| Brazilwood extract                                | Hardwood distillates   |
| Brewers' pitch, product of softwood distillation  | Hemlock extract  |
| Calcium acetate, product of hardwood distillation | Logwood extract  |
| Charcoal, except activated                        | Mangrove extract   |
| Chestnut extract                                  | Methanol, natural (wood alcohol)                               |
| Dragon's blood                                    | Methyl acetone   |
| Dyeing materials, natural                         | Methyl alcohol, natural (wood alcohol)                         |
| Dyestuffs, natural                                | Myrobalans extract   |
| Ethyl acetate, natural                            | Naval stores, gum: processing but not gathering or warehousing |
| Extracts, dyeing and tanning: natural             | Naval stores, wood   |

Group  
No. 286

Industry  
No.

## INDUSTRIAL ORGANIC CHEMICALS—Continued

## 2861 Gum and Wood Chemicals—Continued

|  |   |
|--|---|
| Oak extract  | Softwood distillates  |
| Oil, pine: produced by distillation of pine gum or pine wood | Sumac extract   |
| Oils, wood: product of hardwood distillation                 | Tall oil, except skimmings                                    |
| Pine oil, produced by distillation of pine gum or pine wood  | Tanning extracts and materials, natural                       |
| Pit charcoal   | Tar and tar oils, products of wood distillation               |
| Pitch, wood  | Turpentine, produced by distillation of pine gum or pine wood |
| Pyroligneous acid  | Valonia extract   |
| Quebracho extract  | Wattle extract  |
| Quercitron extract   | Wood alcohol, natural   |
| Rosin, produced by distillation of pine gum or pine wood     | Wood creosote   |
|  | Wood distillates  |

## 2865 Cyclic (Coal Tar) Crudes, and Cyclic Intermediates, Dyes, and Organic Pigments (Lakes and Toners)

Establishments primarily engaged in manufacturing coal tar crudes and cyclic organic intermediates, dyes, color lakes and toners. Important products of this industry include: (1) derivatives of benzene, toluene, naphthalene, anthracene, pyridine, carbazole, and other cyclic chemical products; (2) synthetic organic dyes; (3) synthetic organic pigments; and (4) cyclic (coal tar) crudes, such as light oils and light oil products; coal tar acids; and products of medium and heavy oil such as creosote oil, naphthalene, anthracene, and their higher homologues, and tar. Establishments primarily engaged in manufacturing coal tar crudes in chemical recovery ovens are classified in Industry 3312, and petroleum refineries which produce such products in Industry 2911.

|   |   |
|---|---|
| Acid dyes, synthetic  | Cyclohexane   |
| Acids, coal tar: derived from coal tar distillation         | Diphenylamine   |
| Alkylated diphenylamines, mixed                             | Drug dyes, synthetic  |
| Alkylated phenol, mixed                                     | Dye (cyclic) intermediates                                      |
| Aminoanthraquinone  | Dyes, food: synthetic   |
| Aminoazobenzene   | Dyes, synthetic organic   |
| Aminoazotoluene   | Eosine toners   |
| Aminophenol   | Ethylbenzene  |
| Aniline   | Hydroquinone  |
| Aniline oil   | Isocyanates   |
| Anthracene  | Lake red C toners   |
| Anthraquinone dyes  | Leather dyes and stains, synthetic                              |
| Azine dyes  | Lithol rubine lakes and toners                                  |
| Azo dyes  | Maleic anhydride  |
| Azobenzene  | Methyl violet toners  |
| Azoic dyes  | Naphtha, solvent: product of coal tar distillation              |
| Benzaldehyde  | Naphthalene chips and flakes                                    |
| Benzene hexachloride (BHC)                                  | Naphthalene, product of coal tar distillation                   |
| Benzene, product of coal tar distillation                   | Naphthol, alpha and beta  |
| Benzoic acid  | Nitro dyes  |
| Benzol, product of coal tar distillation                    | Nitroaniline  |
| Biological stains   | Nitrobenzene  |
| Chemical indicators   | Nitrophenol   |
| Chlorobenzene   | Nitroso dyes  |
| Chloronaphthalene   | Oil, aniline  |
| Chlorophenol  | Oils: light, medium, and heavy—product of coal tar distillation |
| Chlorotoluene   | Organic pigments (lakes and toners)                             |
| Coal tar crudes, derived from coal tar distillation         | Orthodichlorobenzene  |
| Coal tar distillates  | Paint pigments, organic   |
| Coal tar intermediates                                      | Peacock blue lake   |
| Color lakes and toners                                      | Pentachlorophenol   |
| Color pigments, organic: except animal black and bone black | Perstian orange lake  |
| Colors, dry: lakes, toners, or full strength organic colors | Phenol  |
| Colors, extended (color lakes)                              | Phloxine toners   |
| Cosmetic dyes, synthetic                                    | Phosphomolybdic acid lakes and toners                           |
| Creosote oil, product of coal tar distillation              | Phosphotungstic acid lakes and toners                           |
| Cresols, product of coal tar distillation                   | Phthalic anhydride  |
| Cresylic acid, product of coal tar distillation             | Phthalocyanine toners   |
| Cyclic crudes, coal tar: product of coal tar distillation   | Pigment scarlet lake  |
| Cyclic intermediates  | Pitch, product of coal tar distillation                         |
|   | Pulp colors, organic  |
|   | Quinoline dyes  |
|   | Resorcinol  |
|   | Scarlet 2 R lake  |

Group Industry  
No. No.

**286 INDUSTRIAL ORGANIC CHEMICALS—Continued**

**2865 Cyclic (Coal Tar) Crudes, and Cyclic Intermediates, Dyes, and Organic Pigments (Lakes and Toners)—Continued**

|   |  |
|---|--|
| Stains for leather                        | Toluidines                               |
| Stilbene dyes                             | Toluol, product of coal tar distillation |
| Styrene                                   | Vat dyes, synthetic                      |
| Styrene monomer                           | Xylene, product of coal tar distillation |
| Tar, product of coal tar distillation     | Xyol, product of coal tar distillation   |
| Toluene, product of coal tar distillation |  |

**2869 Industrial Organic Chemicals, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing industrial organic chemicals, not elsewhere classified. Important products of this industry include: (1) non-cyclic organic chemicals such as acetic, chloroacetic, adipic, formic, oxalic and tartaric acids and their metallic salts; chloral, formaldehyde and methylamine; (2) solvents such as amyl, butyl, and ethyl alcohols; methanol; amyl, butyl and ethyl acetates; ethyl ether, ethylene glycol ether and diethylene glycol ether; acetone, carbon disulfide and chlorinated solvents such as carbon tetrachloride, perchloroethylene and trichloroethylene; (3) polyhydric alcohols such as ethylene glycol, sorbitol, pentaerythritol, synthetic glycerin; (4) synthetic perfume and flavoring materials such as coumarin, methyl salicylate, saccharin, citral, citronellal, synthetic geraniol, ionone, terpineol, and synthetic vanillin; (5) rubber processing chemicals such as accelerators and antioxidants, both cyclic and acyclic; (6) plasticizers, both cyclic and acyclic, such as esters of phosphoric acid, phthalic anhydride, adipic acid, lauric acid, oleic acid, sebacic acid, and stearic acid; (7) synthetic tanning agents such as naphthalene sulfonic acid condensates; (8) chemical warfare gases; and (9) esters, amines, etc. of polyhydric alcohols and fatty and other acids. Establishments primarily engaged in manufacturing plastics materials and nonvulcanizable elastomers are classified in Industry 2821; synthetic rubber in Industry 2822; essential oils in Industry 2899; wood distillation products, naval stores, and natural dyeing and tanning materials in Industry 2861; rayon and other synthetic fibers in Industries 2823 and 2824; specialty cleaning, polishing and sanitation preparations in Industry 2842; paints in Industry 2851; urea in Industry 2873; organic pigments in Industry 2865; and inorganic pigments in Industry 2816. Distilleries engaged in the manufacture of grain alcohol for beverage purposes are classified in Industry 2085.

|   |   |
|---|---|
| Accelerators, rubber processing: cyclic and acyclic | Calcium oxalate   |
| Acetaldehyde  | Camphor, synthetic                                      |
| Acetates, except natural acetate of lime            | Carbon bisulfide (disulfide)                            |
| Acetic acid, synthetic                              | Carbon tetrachloride                                    |
| Acetic anhydride                                    | Casing fluids, for curing fruits, spices, tobacco, etc. |
| Acetin  | Cellulose acetate, unplasticized                        |
| Acetone, synthetic                                  | Chemical warfare gases                                  |
| Acid esters, amines, etc.                           | Chloral   |
| Acids, organic                                      | Chlorinated solvents                                    |
| Acrolein  | Chloroacetic acid and metallic salts                    |
| Acrylonitrile                                       | Chloroform  |
| Adipic acid   | Chloropicrin  |
| Adipic acid esters                                  | Citral  |
| Adiponitrile  | Citrates  |
| Alcohol, aromatic                                   | Citric acid   |
| Alcohol, fatty: powdered                            | Citronellal   |
| Alcohol, methyl: synthetic (methanol)               | Coumarin  |
| Alcohols, industrial: denatured (non-beverage)      | Cream of tartar   |
| Algin products                                      | Cyclopropane  |
| Amyl acetate and alcohol                            | DDT, technical  |
| Antioxidants, rubber processing: cyclic and acyclic | Decahydronaphthalene                                    |
| Bromochloromethane                                  | Dichlorodifluoromethane                                 |
| Butadiene, from alcohol                             | Diethyleneglycol ether (mixed isomers)                  |
| Butyl acetate, alcohol, and propionate              | Diethylene glycol ether                                 |
| Butyl ester solution of 2, 4-D                      | Dimethyl divinyl acetylene (di-isopropenyl acetylene)   |
|   | Dimethylhydrazine, unsymmetrical                        |
|   | Embalming fluids  |

Group No. 286 Industry No.

## INDUSTRIAL ORGANIC CHEMICALS—Continued

## 2869 Industrial Organic Chemicals, Not Elsewhere Classified—Continued

Enzymes  
Esters of phosphoric, adipic, lauric, oleic, sebacic, and stearic acids  
Esters of phthalic anhydride  
Ethanol, industrial  
Ether  
Ethyl acetate, synthetic  
Ethyl alcohol, industrial (non-beverage)  
Ethyl butyrate  
Ethyl cellulose, unplasticized  
Ethyl chloride  
Ethyl ether  
Ethyl formate  
Ethyl nitrite  
Ethyl perhydrophenanthrene  
Ethylene  
Ethylene glycol  
Ethylene glycol ether  
Ethylene glycol, inhibited  
Ethylene oxide  
Fatty acid esters, amines, etc.  
Ferric ammonium oxalate  
Flavors and flavoring materials, synthetic  
Fluorinated hydrocarbon gases  
Formaldehyde (formalin)  
Formic acid and metallic salts  
Freon  
Fuel propellants, solid : organic  
Fuels, high energy : organic  
Geraniol, synthetic  
Glycerin, except from fats (synthetic)  
Grain alcohol, industrial (nonbeverage)  
Hexamethylenediamine  
Hexamethylenetetramine  
High purity grade chemicals, organic : refined from technical grades  
Hydraulic fluids, synthetic base  
Hydrazine  
Industrial organic cyclic compounds  
Ionone  
Isopropyl alcohol  
Ketone, methyl ethyl  
Ketone, methyl isobutyl  
Laboratory chemicals, organic  
Lauric acid esters  
Lime citrate  
Malononitrile, technical grade  
Metallic salts of acyclic organic chemicals  
Metallic stearate  
Methanol, synthetic (methyl alcohol)  
Methyl chloride  
Methyl perhydrofluorine  
Methyl salicylate  
Methylamine  
Methylene chloride  
Monochlorodifluoromethane  
Monomethylparaminophenol sulfate  
Monosodium glutamate  
Mustard gas  
Naphthalene sulfonic acid condensates  
Naphthenic acid soaps  
Normal hexyl decalin  
Nuclear fuels, organic  
Oleic acid esters  
Organic acid esters  
Organic chemicals, acyclic  
Oxalates  
Oxalic acid and metallic salts  
Pentaerythritol  
Perchloroethylene  
Perfume materials, synthetic  
Phosgene  
Phthalates  
Plasticizers, organic : cyclic and acyclic  
Polyhydric alcohol esters, amines, etc.  
Polyhydric alcohols  
Potassium bitartrate  
Propellants for missiles, solid : organic  
Propylene  
Propylene glycol  
Quinuclidinol ester of benzylic acid  
Reagent grade chemicals, organic : refined from technical grades  
Rocket engine fuel, organic  
Rubber processing chemicals, organic : accelerators and antioxidants  
Saccharin  
Sebacic acid  
Silicones  
Soaps, naphthenic acid  
Sodium acetate  
Sodium alginate  
Sodium benzoate  
Sodium glutamate  
Sodium pentachlorophenate  
Sodium sulfoxalate formaldehyde  
Solvents, organic  
Sorbitol  
Stearic acid salts  
Sulfonated naphthalene  
Tackifiers, organic  
Tannic acid  
Tanning agents, synthetic organic  
Tartaric acid and metallic salts  
Tartrates  
Tear gas  
Terpineol  
Tert-butylated bis (p-phenoxyphenyl) ether fluid  
Tetrachloroethylene  
Tetraethyl lead  
Thioglycolic acid, for permanent wave lotions  
Trichloroethylene  
Trichloroethylene stabilized, degreasing  
Trichlorophenoxyacetic acid  
Trichlorotrifluoroethane tetrachlorodifluoroethane isopropyl alcohol  
Tricresyl phosphate  
Tridecyl alcohol  
Trimethyltrithiophosphite (rocket propellants)  
Triphenyl phosphate  
Vanillin, synthetic  
Vinyl acetate

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## AGRICULTURAL CHEMICALS

This group includes establishments primarily engaged in manufacturing nitrogenous and phosphatic basic fertilizers, mixed fertilizers, pesticides, and other agricultural chemicals. Establishments primarily engaged in manufacturing basic chemicals, which require further processing or formulation before use as agricultural pest control agents, are classified in Group 281 or 286.

Group Industry  
No. No.

287 AGRICULTURAL CHEMICALS—Continued

2873 Nitrogenous Fertilizers

Establishments primarily engaged in manufacturing nitrogenous fertilizer materials or mixed fertilizers from nitrogenous materials produced in the same establishment. Included are ammonia fertilizer compounds and anhydrous ammonia, nitric acid, ammonium nitrate, ammonium sulfate and nitrogen solutions, urea, and natural organic fertilizers (except compost) and mixtures.

|  |   |
|--|---|
| Ammonia liquor                                 | Nitric acid   |
| Ammonium nitrate and sulfate                   | Nitrogen solutions (fertilizer)                                     |
| Anhydrous ammonia                              | Plant foods, mixed: made in plants producing nitrogenous fertilizer |
| Aqua ammonia, made in ammonia plants           | Urea  |
| Fertilizers: natural (organic), except compost |   |

2874 Phosphatic Fertilizers

Establishments primarily engaged in manufacturing phosphatic fertilizer materials, or mixed fertilizers from phosphatic materials produced in the same establishment. Included are phosphoric acid; normal, enriched, and concentrated superphosphates; ammonium phosphates; nitro-phosphates; and calcium meta-phosphates.

|  |  |
|--|--|
| Ammonium phosphate   | Phosphoric acid  |
| Calcium meta-phosphate   | Plant foods, mixed: made in plants producing phosphatic fertilizer |
| Defluorinated phosphate  | Superphosphates, ammoniated and not ammoniated                     |
| Diammonium phosphate   |  |
| Fertilizers, mixed: made in plants producing phosphatic fertilizer materials |  |

2875 Fertilizers, Mixing Only

Establishments primarily engaged in mixing fertilizers from purchased fertilizer materials.

|   |                     |
|---|---------------------|
| Compost   | Potting soil, mixed |
| Fertilizers, mixed: made in plants not manufacturing fertilizer materials |                     |

2879 Pesticides and Agricultural Chemicals, Not Elsewhere Classified

Establishments primarily engaged in the formulation and preparation of ready-to-use agricultural and household pest control chemicals, including insecticides, fungicides and herbicides from technical chemicals or concentrates; and the production of concentrates which require further processing before use as agricultural pesticides. This industry also includes establishments primarily engaged in manufacturing or formulating agricultural chemicals, not elsewhere classified, such as minor or trace elements and soil conditioners. Establishments primarily engaged in manufacturing basic or technical agricultural pest control chemicals including insecticides, fungicides, and herbicides such as lead and calcium arsenates, and copper sulfate are classified in Group 281, and DDT, BHC, 2,4-D carbamates, etc., in Group 286. Establishments primarily engaged in manufacturing agricultural lime products are classified in Major Group 32.

|  |   |
|--|---|
| Agricultural disinfectants                               | Hormones, plant                               |
| Agricultural pesticides                                  | Household insecticides                        |
| Arsenates: calcium, copper, and lead—formulated          | Insect powder, household                      |
| Arsenites, formulated                                    | Insecticides, agricultural                    |
| Bordeaux mixture   | Lead arsenate, formulated                     |
| Calcium arsenate and arsenite, formulated                | Lime-sulfur, dry and solution                 |
| Cattle dips  | Lindane, formulated                           |
| Copper arsenate, formulated                              | Moth repellants                               |
| DDT (insecticide), formulated                            | Nicotine and salts                            |
| Defoliants   | Nicotine bearing insecticides                 |
| Elements, minor or trace (agricultural chemicals)        | Paris green (insecticide)                     |
| Exterminating products, for household and industrial use | Pesticides, household                         |
| Fly sprays   | Phytoactin                                    |
| Fungicides   | Plant hormones                                |
| Growth regulants, agricultural                           | Poison: ant, rat, roach, and rodent—household |
| Herbicides   | Pyrethrin bearing preparations                |
|  | Pyrethrin concentrates                        |
|  | Rodenticides                                  |
|  | Rotenone bearing preparations                 |



Group  
No. Industry  
No.

## AGRICULTURAL CHEMICALS—Continued

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### 2879 Pesticides and Agricultural Chemicals, Not Elsewhere Classified—Continued

|                              |   |
|------------------------------|---|
| Rotenone concentrates        | Thiocyanates, organic (formulated)      |
| Sheep dips, chemical         | Trace elements (agricultural chemicals) |
| Sodium arsenite (formulated) | Xanthone (formulated)                   |
| Soil conditioners            |   |
| Sulfur dust (insecticide)    |   |

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## MISCELLANEOUS CHEMICAL PRODUCTS

### 2891 Adhesives and Sealants

Establishments primarily engaged in manufacturing industrial and household adhesives, glues, calking compounds, sealants, and linoleum, tile, and rubber cements from vegetable, animal, or synthetic plastics materials, purchased or produced in the same establishment. Establishments primarily engaged in manufacturing gelatin and sizes are classified in Industry 2899, and vegetable gelatin or agar-agar in Industry 2833.

|   |   |
|---|---|
| Adhesives   | Laminating compounds                            |
| Adhesives, plastic  | Mucilage  |
| Calking compounds   | Paste, adhesive                                 |
| Cement (cellulose nitrate base)   | Porcelain cement, household                     |
| Cement, linoleum  | Rubber cement                                   |
| Cement, mending   | Sealing compounds for pipe threads and joints   |
| Cement, rubber  | Sealing compounds, synthetic rubber and plastic |
| Epoxy adhesives   | Wax, sealing                                    |
| Glue, except dental: animal, vegetable, fish, casein, and synthetic resin |   |
| Iron cement, household  |   |

### 2892 Explosives

Establishments primarily engaged in manufacturing explosives. Establishments primarily engaged in manufacturing ammunition for small arms are classified in Industry 3482 and fireworks in Industry 2899.

|  |   |
|--|---|
| Amatol (explosive)                                   | Lead azide (explosive)                              |
| Azides (explosives)                                  | Mercury azide (explosive)                           |
| Blasting powder and blasting caps                    | Nitrocellulose powder (explosive)                   |
| Carbohydrates, nitrated (explosives)                 | Nitroglycerin (explosive)                           |
| Cordeau detonant (explosive)                         | Nitromannitol (explosive)                           |
| Cordite (explosive)                                  | Nitrostarch (explosive)                             |
| Detonating caps for safety fuses                     | Nitrosugars (explosives)                            |
| Detonators (explosive compounds)                     | Pentolite (explosive)                               |
| Dynamite   | Permissible explosives                              |
| Explosive cartridges for concussion forming of metal | Picric acid (explosive)                             |
| Explosive compounds                                  | Powder: pellet, smokeless, and sporting (explosive) |
| Explosives   | RDX (explosive)                                     |
| Fulminate of mercury (explosive compound)            | Squibbs, electric                                   |
| Fuse powder  | Styphnic acid                                       |
| Fuses, safety  | Tetryl (explosive)                                  |
| Gunpowder  | TNT (trinitrotoluene)                               |
| High explosives                                      | Well shooting torpedoes (explosives)                |

### 2893 Printing Ink

Establishments primarily engaged in manufacturing printing ink, gravure ink, screen process ink, and lithographic ink.

|                  |                                 |
|------------------|---------------------------------|
| Bronze ink       | Ink, printing: base or finished |
| Gold ink         | Lithographic ink                |
| Gravure ink      | Printing ink                    |
| Ink, duplicating | Screen process ink              |

### 2895 Carbon Black

Establishments primarily engaged in manufacturing carbon black (channel and furnace black).

|               |               |
|---------------|---------------|
| Carbon black  | Furnace black |
| Channel black |               |

Group Industry  
No. No.

289

## MISCELLANEOUS CHEMICAL PRODUCTS—Continued

## 2899 Chemicals and Chemical Preparations, Not Elsewhere Classified

Establishments primarily engaged in manufacturing miscellaneous chemical preparations, not elsewhere classified, such as fatty acids, essential oils, gelatin (except vegetable), sizes, bluing, laundry sours, writing and stamp pad inks; industrial compounds, such as boiler and heat insulating compounds, metal, oil and water treating compounds, water-proofing compounds and chemical supplies for foundries. Establishments primarily engaged in manufacturing vegetable gelatin (agar-agar) are classified in Industry 2833; and dessert preparations based on gelatin in Industry 2099.

|   |  |
|---|--|
| Acid, battery   | Heat treating salts  |
| Acid resist for etching   | Hydrofluoric acid compound, for etching and polishing glass            |
| Anise oil   | Igniter grains, boron potassium nitrate                                |
| Antifreeze compounds, except industrial alcohol                   | Incense  |
| Bay oil   | Industrial sizes   |
| Binders (chemical foundry supplies)                               | Ink and writing fluids, except printing                                |
| Bluing  | Inspection oil, fluorescent  |
| Boiler compounds, antiscaling                                     | Insulating compounds   |
| Bombs, flashlight   | Jet fuel igniters  |
| Caps, for toy pistols   | Laundry sours  |
| Carbon removing solvent   | Lemon oil  |
| Chemical cotton (processed cotton linters)                        | Lighter fluid  |
| Chemical supplies for foundries                                   | Magnetic inspection oil and powder                                     |
| Citronella oil  | Margaric acid  |
| Concrete curing compounds (blends of pigments, waxes, and resins) | Metal drawing compound lubricants                                      |
| Concrete hardening compounds                                      | Metal treating compounds   |
| Core oil and binders  | Military pyrotechnics  |
| Core wash   | Napalm   |
| Core wax  | Oil, red (oleic acid)  |
| Corrosion preventive lubricant, synthetic base: for jet engines   | Oil treating compounds   |
| Defrosting fluid  | Oleic acid (red oil)   |
| De-icing fluid  | Orange oil   |
| Dextrine sizes  | Orris oil  |
| Desalter kits, sea water  | Osssein  |
| Drilling mud  | Oxidizers, inorganic   |
| Dyes, household   | Packers' salt  |
| Essential oils  | Parting compounds (chemical foundry supplies)                          |
| Eucalyptus oil  | Patching plaster, household  |
| Exothermics for metal industries                                  | Penetrants, inspection   |
| Facings (chemical foundry supplies)                               | Peppermint oil   |
| Fatty acids: margaric, oleic, and stearic                         | Plastic wood   |
| Fire extinguisher chargers  | Plating compounds  |
| Fire retardant chemicals  | Pyrotechnic ammunition: flares, signals, flashlight bombs, and rockets |
| Fireworks   | Railroad torpedoes   |
| Flares (all kinds)  | Red oil (oleic acid)   |
| Fluidifier (retarder) for concrete                                | Rifle bore cleaning compounds  |
| Fluorescent inspection oil  | Rosin sizes  |
| Fluxes: brazing, soldering, galvanizing, and welding              | Rust resisting compounds   |
| Foam charge mixtures  | Salt   |
| Food contamination testing and screening kits                     | Signal flares, marine  |
| Foundry supplies  | Sizes: animal, vegetable, and synthetic plastics materials             |
| Frit  | Sodium chloride, refined   |
| Fuel tank and engine cleaning chemicals, automotive and aircraft  | Soil testing kits  |
| Fusees: highway, marine, and railroad                             | Spearmint oil  |
| Gelatin capsules, empty   | Spirit duplicating fluid   |
| Gelatin: edible, technical, photographic, and pharmaceutical      | Stearic acid   |
| Glue size   | Stencil correction compounds   |
| Gum sizes   | Tints and dyes, household  |
| Grapefruit oil  | Torches (fireworks)  |
| Grouting material (concrete mending compound)                     | Torpedoes, railroad  |
| Gun slushing compounds  | Vegetable oils, vulcanized or sulfurized                               |
| Heat insulating compounds   | Water, distilled   |
|   | Water treating compounds   |
|   | Waterproofing compounds  |
|   | Wax, core  |
|   | Wintergreen oil  |
|   | Writing ink and fluids   |

## Major Group 29.—PETROLEUM REFINING AND RELATED INDUSTRIES

### *The Major Group as a Whole*

This major group includes establishments primarily engaged in petroleum refining, manufacturing paving and roofing materials, and compounding lubricating oils and greases from purchased materials. Establishments manufacturing and distributing gas to consumers are classified in public utilities industries, and those primarily engaged in producing coke and byproducts in Major Group 33.

Group No.    Industry No.

### PETROLEUM REFINING

291

#### 2911 Petroleum Refining

Establishments primarily engaged in producing gasoline, kerosene, distillate fuel oils, residual fuel oils, lubricants and other products from crude petroleum and its fractionation products, through straight distillation of crude oil, redistillation of unfinished petroleum derivatives, cracking or other processes. Establishments primarily engaged in producing natural gasoline from natural gas are classified in mining industries. Those manufacturing lubricating oils and greases by blending and compounding purchased materials are included in Industry 2992. Establishments primarily re-refining used lubricating oils are classified in Industry 2992.

Acid oil  
Alkylates  
Aromatic chemicals, made in petroleum refineries  
Asphalt and asphaltic materials: liquid and solid—produced in refineries  
Benzene, produced in petroleum refineries  
Benzol, produced in petroleum refineries  
Butadiene, from petroleum  
Coke, petroleum: produced in petroleum refineries  
Fractionation products of crude petroleum  
Gas, refinery or still oil: produced in petroleum refineries  
Gases, liquefied petroleum  
Gasoline blending plants  
Gasoline, except natural gasoline  
Greases: lubricating, produced in petroleum refineries  
Hydrocarbon fluid, made in petroleum refineries  
Jet fuels

Kerosene  
Mineral jelly, produced in petroleum refineries  
Mineral oils, natural  
Mineral waxes, natural  
Naphtha, produced in petroleum refineries  
Naphthenic acids  
Oils: fuel, lubricating, and illuminating—produced in petroleum refineries  
Oils, partly refined: sold for rerunning—produced in refineries  
Paraffin wax, produced in petroleum refineries  
Petrolatums, nonmedicinal  
Petroleum refining  
Road materials, bituminous: produced in petroleum refineries  
Road oils, produced in petroleum refineries  
Solvents, produced in petroleum refineries  
Tar or residuum, produced in petroleum refineries

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### PAVING AND ROOFING MATERIALS

#### 2951 Paving Mixtures and Blocks

Establishments primarily engaged in manufacturing asphalt and tar paving mixtures; and paving blocks made of asphalt, creosoted wood, and various compositions of asphalt or tar with other materials. Establishments primarily engaged in manufacturing brick, concrete, granite, and stone paving blocks are classified in Major Group 32.

Asphalt and asphaltic mixtures for paving, not made in refineries  
Asphalt paving blocks, not made in petroleum refineries  
Asphaltic concrete, not made in petroleum refineries  
Coal tar paving materials, not made in petroleum refineries

Composition blocks for paving  
Concrete, bituminous  
Creosoted wood paving blocks  
Mastic floor composition, hot and cold  
Road materials, bituminous: not made in petroleum refineries  
Tar and asphalt mixtures for paving, not made in petroleum refineries

Group Industry  
No. No.

**235 PAVING AND ROOFING MATERIALS—Continued**

**2352 Asphalt Felts and Coatings**

Establishments primarily engaged in manufacturing asphalt and other saturated felts in roll or shingle form, either smooth or faced with grit, and in manufacturing roofing cements and coatings. Establishments primarily engaged in manufacturing paint are classified in Industry 2851, and linoleum and tile cement in Industry 2891.

|  |   |
|--|---|
| Asphalt saturated board, made from purchased materials                   | Roof coatings and cements: fibrous and nonfibrous, liquid and plastic |
| Asphalt roof cement, not made in petroleum refineries                    | Roofing, asphalt or tar saturated felt: built-up, roll, and shingle   |
| Brick siding, asphalt  | Roofing felts, cements, and coatings: asphalt, tar, and composition   |
| Cement, roofing: asphalt, fibrous plastic                                | Sheathing, asphalt saturated: made from purchased materials           |
| Coating compounds, tar   | Shingles, asphalt or tar saturated felt: strip and individual         |
| Fabrics, roofing: asphalt or tar saturated                               | Siding, insulating: impregnated—made from purchased materials         |
| Insulating siding, impregnated: made from purchased materials            | Tar paper, roofing: <i>mjpm</i>                                       |
| Mastic roofing composition   |   |
| Pitch, roofing: not made in byproduct coke ovens or petroleum refineries |   |
| Roof cement: asphalt, fibrous, and plastic                               |   |

**239 MISCELLANEOUS PRODUCTS OF PETROLEUM AND COAL**

**2392 Lubricating Oils and Greases**

Establishments primarily engaged in blending, compounding, and re-refining lubricating oils and greases from purchased mineral, animal, and vegetable materials. Petroleum refineries engaged in the production of lubricating oils and greases are classified in Industry 2911.

|  |   |
|--|---|
| Brake fluid, hydraulic   | Oils and greases, blending and compounding from purchased materials |
| Cutting oils, blending and compounding from purchased material | Rust arresting compounds, animal and vegetable oil base             |
| Lubricating greases and oils, not made in petroleum refineries | Transmission fluid, hydramatic                                      |
| Lubricating oils, re-refining                                  |   |

**2399 Products of Petroleum and Coal, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing fuel briquettes, boulets, packaged fuel, powdered fuel, and other products of petroleum and coal, not elsewhere classified.

|  |  |
|--|--|
| Calcined petroleum coke: made from purchased materials | Fuel briquettes or boulets, made with petroleum binder |
| Coke, petroleum: not produced in petroleum refineries  |  |

## Major Group 30.—RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS

### *The Major Group as a Whole*

This major group includes establishments manufacturing from natural, synthetic, or reclaimed rubber, gutta percha, balata, or gutta siak, rubber products such as tires, rubber footwear, mechanical rubber goods, heels and soles, flooring, and rubber sundries. This group also includes establishments primarily manufacturing tires, but establishments primarily recapping and retreading automobile tires are classified in Industry 7534. This group also includes establishments engaged in molding primary plastics for the trade, and manufacturing miscellaneous finished plastics products. The manufacture of elastic webbing is classified in Major Group 22; products made of elastic webbing and garments made from rubberized fabrics in Major Group 23; and synthetic rubber in Industry 2822.

Group No.    Industry No.

### **301            TIRES AND INNER TUBES**

#### **3011    Tires and Inner Tubes**

Establishments primarily engaged in manufacturing pneumatic casings, inner tubes, and solid and cushion tires for all types of vehicles, airplanes, farm equipment, and children's vehicles; tiring; and camelback, and tire repair and retreading materials. Establishments primarily engaged in retreading tires are classified in Industry 7534.

Camelback for tire retreading  
Inner tubes: airplane, automobile, bicycle, motorcycle, and tractor  
Pneumatic casings (rubber tires)  
Tire sundries and tire repair materials, rubber

Tires, cushion or solid rubber  
Tiring, continuous lengths: rubber, with or without metal core

### **302            RUBBER AND PLASTICS FOOTWEAR**

#### **3021    Rubber and Plastics Footwear**

Establishments primarily engaged in manufacturing all rubber and plastics footwear, waterproof fabric upper footwear, and other fabric upper footwear having rubber or plastic soles vulcanized to the uppers. Establishments primarily engaged in manufacturing rubber, composition, and fiber heels, soles, soling strips, and related shoe making and repairing materials are classified in Industry 3069; plastic soles and soling strips in Industry 3079.

Arctics, rubber or rubber soled fabric  
Boots, plastics  
Boots, rubber or rubber soled fabric  
Canvas shoes, rubber soled  
Footholds, rubber  
Footwear, rubber or rubber soled fabric  
Gaiters, rubber or rubber soled fabric  
Galoshes, plastics  
Galoshes, rubber or rubber soled fabric  
Overshoes, plastics

Overshoes, rubber or rubber soled fabric  
Facs: rubber or rubber soled fabric  
Sandals, rubber  
Shoes, plastics soles molded to fabric uppers  
Shoes, rubber or rubber soled fabric uppers  
Shower sandals or slippers, rubber

### **303            RECLAIMED RUBBER**

#### **3031    Reclaimed Rubber**

Establishments primarily engaged in reclaiming rubber from scrap rubber tires, tubes, and miscellaneous waste rubber articles by processes which result in devulcanized, depolymerized or regenerated replasticized products containing added ingredients. These products are sold for use as a raw material in the manufacture of rubber goods with or without admixture with crude rubber or synthetic rubber. Establishments primarily engaged in the assembly and wholesale sale of scrap rubber are classified in trade industries.

Reclaimed rubber (reworked by manufacturing processes)

Group Industry  
No. No.

**304 RUBBER AND PLASTICS HOSE AND BELTING**

**3041 Rubber and Plastics Hose and Belting**

Establishments primarily engaged in manufacturing rubber and plastics hose and belting, including garden hose. Establishments primarily engaged in manufacturing rubber tubing are classified in Industry 3069; plastic tubing in Industry 3079; and flexible metallic hose in Industry 3599.

Air brake and air line hose, rubber or rubberized fabric  
Automobile hose, plastics  
Automobile hose, rubber  
Belting: conveyor, elevator, transmission, etc.—rubber  
Fire hose, rubber  
Garden hose, plastics  
Garden hose, rubber

Heater hose, plastics  
Heater hose, rubber  
Hose: cotton fabric, rubber lined  
Pneumatic hose: air brake, air line, etc.—rubber or rubberized fabric  
Vacuum cleaner hose, plastics  
Vacuum cleaner hose, rubber  
V-belts, rubber or plastics

**306 FABRICATED RUBBER PRODUCTS, NOT ELSEWHERE CLASSIFIED**

**3069 Fabricated Rubber Products, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing industrial and mechanical rubber goods, rubberized fabrics and vulcanized rubber clothing, and miscellaneous rubber specialties and sundries. Establishments primarily engaged in rebuilding and retreading tires are classified in Industry 7534; and gaskets and packing in Industry 3293.

Acid bottles, rubber  
Air supported rubber structures  
Aprons, vulcanized rubber and rubberized fabric: *mitse*  
Bags, rubber or rubberized fabric  
Balloons, advertising and toy: rubber  
Balloons, metal foil laminated with rubber  
Balls, rubber: except baseballs, basketballs, footballs, golf and tennis  
Bath sprays, rubber  
Bathing caps and suits, rubber  
Battery boxes, jars, and parts: hard rubber  
Bibs, vulcanized rubber and rubberized fabric: *mitse*  
Bottles, rubber  
Boxes, hard rubber  
Brake lining, rubber  
Brushes, rubber  
Bulbs for medicine droppers, syringes, atomizers, sprays: rubber  
Bushings, rubber  
Capes, vulcanized rubber and rubberized fabric: *mitse*  
Caps, rubber  
Castings, rubber  
Chlorinated rubbers, natural  
Cloaks, vulcanized rubber and rubberized fabric: *mitse*  
Clothing, vulcanized rubber and rubberized fabric: *mitse*  
Combs, hard rubber  
Culture cups, rubber  
Cyclo rubbers, natural  
Dress shields, vulcanized rubber and rubberized fabric: *mitse*  
Druggists' sundries, rubber  
Erasers: rubber, or rubber and abrasive combined  
Fabrics, rubberized  
Finger cots, rubber  
Flooring, rubber: tile or sheet  
Foam rubber  
Fountain syringes, rubber  
Friction tape, rubber  
Fuel tanks, collapsible: rubberized fabric  
Funnels, rubber

Gloves: surgeons', electricians', household, etc.—rubber  
Grips and handles, rubber  
Grommets, rubber  
Gutta percha compounds  
Hair curlers, rubber  
Hairpins, rubber  
Handles, rubber  
Hard rubber products  
Hard surface floor coverings: rubber  
Heels, boot and shoe: rubber, composition, and fiber  
Jar rings, rubber  
Laboratory sundries: cases, covers, funnels, cups, bottles, etc.—rubber  
Latex, foamed  
Life jackets: inflatable, rubberized fabric  
Life rafts, rubber  
Liner strips, rubber  
Mallets, rubber  
Mats and matting: bath, door, etc.—rubber  
Mattress protectors, rubber  
Mattresses, pneumatic: fabric coated with rubber  
Medical sundries, rubber  
Mittens, rubber  
Molded rubber products  
Mouthpieces for pipes, cigarette holders, etc.—rubber  
Nipples, rubber  
Orthopedic sundries, molded rubber  
Pacifiers, rubber  
Pads, kneeling: rubber  
Pants, baby: vulcanized rubber and rubberized fabric—*mitse*  
Pillows, sponge rubber  
Pipestems and bits, tobacco: hard rubber  
Platens, except printers': solid or covered rubber  
Plumbers' rubber goods  
Pontoons, rubber  
Pump sleeves, rubber  
Rods, hard rubber  
Rolls, except printers': solid or covered rubber  
Rubber bands

Group Industry  
No. No.

306

### FABRICATED RUBBER PRODUCTS, NOT ELSEWHERE CLASSIFIED—Continued

#### 3069 Fabricated Rubber Products, Not Elsewhere Classified—Continued

|  |   |
|--|---|
| Rubber covered motor mounting rings (rubber bonded)          | Teething rings, rubber                                |
| Rubber heels, soles, and soling strips                       | Thermometer cases, rubber                             |
| Rug backing compounds, latex                                 | Thread, rubber: except fabric covered                 |
| Separators, battery: rubber                                  | Tile, rubber  |
| Sheeting, rubber or rubberized fabric                        | Top lift sheets, rubber                               |
| Sheets, hard rubber  | Top roll covering, for textile mill machinery: rubber |
| Sleeves, pump: rubber  | Toys, rubber  |
| Soles, boot and shoe: rubber, composition, and fiber         | Trays, rubber   |
| Soling strips, boot and shoe: rubber, composition, and fiber | Tubing, rubber  |
| Spatulas, rubber   | Type, rubber  |
| Sponge rubber and sponge rubber products                     | Urinals, rubber                                       |
| Stair treads, rubber   | Valves, hard rubber                                   |
| Stationers' sundries, rubber                                 | Wainscoting, rubber                                   |
| Stoppers, rubber   | Washers, rubber                                       |
|  | Water bottles, rubber                                 |
|  | Weather strip, sponge rubber                          |
|  | Wet suits, rubber                                     |

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### MISCELLANEOUS PLASTICS PRODUCTS

#### 3079 Miscellaneous Plastics Products

Establishments primarily engaged in molding primary plastics for the trade, and fabricating miscellaneous finished plastics products. Establishments primarily engaged in manufacturing fabricated plastics products or plastics film, sheet, rod, nontextile monofilaments and regenerated cellulose products, and vulcanized fiber are classified in this industry, whether from purchased resins or from resins produced in the same plant. Establishments primarily engaged in compounding purchased resins are also classified in this industry. Establishments primarily engaged in manufacturing artificial leather are classified in Industry 2295.

|  |  |
|--|--|
| Air mattresses, plastics                                       | Film base, cellulose acetate or nitro-cellulose plastics (nonsensitized) |
| Aquarium accessories, plastics                                 | Floor and wall covering, unsupported plastics                            |
| Awnings, fiber glass and plastics combination                  | Flower pots, plastics  |
| Bands, cellulose   | Foamed pads and packaging, plastics                                      |
| Bands, viscoae   | Foams, plastics  |
| Battery cases, plastics or plastics composition                | Gloves and mittens: plastics   |
| Bearings, plastics   | Gutters, fiberglass  |
| Billfold inserts, plastics                                     | Gutters, plastic: glass fiber reinforced                                 |
| Blister and bubble formed packaging, plastics                  | Hardware, plastics   |
| Boats, nonrigid: plastics                                      | Heels, boot and shoe: plastics   |
| Bottles, plastics  | Ice chests or coolers, portable: foam plastics                           |
| Bowl covers, plastics  | Identification cards, plastics   |
| Boxes, plastics  | Injection molding of plastics, for the trade                             |
| Brush handles, plastics  | Insulation and cushioning material, foamed plastics                      |
| Buckets, plastics  | Kitchenware, plastics  |
| Caps, cellulose  | Kits, plastics   |
| Carafes, plastics  | Laminated plastics sheets, rods, and tubes                               |
| Casein products, molded for the trade                          | Laminating of plastics, for the trade                                    |
| Cases, plastics  | Lamp bases, plastics   |
| Casting of plastics, for the trade                             | Laundry tubs, plastics: glass fiber base                                 |
| Cellophane   | Lenses, plastics: except ophthalmic or optical                           |
| Celluloid products, molded for the trade                       | Life rafts, nonrigid: plastics   |
| Closures, plastics   | Molding primary plastics, for the trade                                  |
| Clothes hangers, plastics                                      | Monofilaments, nontextile  |
| Clothespins, plastics  | Netting, plastics  |
| Composition stone, plastics                                    | Novelties, plastics  |
| Containers, plastics: except bags                              | Packing materials, plastics (sheet, shredded, or rigid foam)             |
| Cups, plastics, including foamed                               | Pails, plastics  |
| Custom compounding of purchased resins                         | Panels, building: corrugated and flat—plastics                           |
| Dishes, plastics   | Photographic film base (nonsensitized)                                   |
| Doors, folding: plastics or plastics coated fabric—metal frame | Pipe fittings, plastics  |
| Downspouts, plastics   | Pipe, plastics   |
| Drums, plastics (containers)                                   | Planters, plastics   |
| Engraving of plastics  |  |
| Fiber, vulcanized: sheets, rods, tubes, etc.                   |  |

Group Industry  
No. No.

307 MISCELLANEOUS PLASTICS PRODUCTS—Continued

3079 Miscellaneous Plastics Products—Continued

|   |  |
|---|--|
| Plates, plastics  | Synthetic resin finished products:       |
| Plumbing fixtures and parts, plastics                                     | molded, cast, and laminated              |
| Polyethylene film   | Tableware, plastics                      |
| Polyvinyl film  | Tile, plastics: unsupported              |
| Pontoons, nonrigid: plastics  | Tires, plastics                          |
| Regenerated cellulose, except fiber                                       | Tissue dispensers, plastics              |
| Rods, plastics  | Tool handles, plastics                   |
| Saucers, plastics   | Tops, plastics (dispenser, shaker, etc.) |
| Septic tanks, plastics  | Trays, plastics                          |
| Sheets, plastics  | Tubes, plastics                          |
| Shower stalls, fiberglass and plastics                                    | Tubing, plastics                         |
| Shutters, plastics  | Tubs, plastics                           |
| Siding, plastics  | Tumblers, plastics                       |
| Soles, boot and shoe: plastics  | Valves, plastics                         |
| Soling strips, boot and shoe: plastics                                    | Vials, plastics                          |
| Sponges, cellulose  | Vulcanized fiber sheets, rods, and tubes |
| Spouting, fiberglass  | Warmers, bottle: plastics                |
| Spouting, plastics: glass fiber reinforced                                | Watering pots, plastics                  |
| Stock shapes, plastics  | Window screening, plastics               |
| Suitcase shells, plastics   | Window sheeting, plastics                |
| Synthetic food casings (including fibrous, plastics regenerated collagen) | Windshields, plastics                    |
|   | Work gloves, plastics                    |



## Major Group 31.—LEATHER AND LEATHER PRODUCTS

### *The Major Group as a Whole*

This major group includes establishments engaged in tanning, currying, and finishing hides and skins, and establishments manufacturing finished leather and artificial leather products and some similar products made of other materials. Leather converters are also included.

Group No.      Industry No.

### 311      LEATHER TANNING AND FINISHING

#### 3111      Leather Tanning and Finishing

Establishments primarily engaged in tanning, currying, and finishing hides and skins into leather. This industry also includes leather converters, who buy hides and skins and have them processed into leather on a contract basis by others.

|  |   |
|--|---|
| Bag leather  | Leather converters                        |
| Belting butts, curried or rough                              | Leather: tanning, currying, and finishing |
| Belting leather  | Lining leather                            |
| Bookbinders' leather   | Mechanical leather                        |
| Bridle leather   | Parchment leather                         |
| Buffings, russet   | Patent leather                            |
| Case leather   | Rawhide                                   |
| Chamois leather  | Roller leather                            |
| Collar leather   | Saddlery leather                          |
| Coloring of leather  | Shearling (prepared sheepskin)            |
| Cutting of leather   | Skirting leather                          |
| Die cutting of leather                                       | Skivers, leather                          |
| Embossing of leather   | Sole leather                              |
| Fancy leathers   | Specialty leathers                        |
| Fleshers, leather (flesh side of split leather)              | Splits, leather                           |
| Garment leather  | Strap leather                             |
| Glove leather  | Sweatband leather                         |
| Handbag leather  | Tanneries, leather                        |
| Harness leather  | Upholstery leather                        |
| Japanning of leather   | Upper leather                             |
| Lace leather   | Vellum leather                            |
| Latigo leather   | Welting leather                           |
| Leather coloring, cutting, embossing, japanning, and welting |   |

### 313      BOOT AND SHOE CUT STOCK AND FINDINGS

#### 3131      Boot and Shoe Cut Stock and Findings

Establishments primarily engaged in manufacturing leather soles, inner soles, and other boot and shoe cut stock and findings. This industry also includes finished wood heels. Establishments primarily engaged in manufacturing heels, soling strips, and soles made of rubber, composition, plastics, and fiber are classified in Major Group 30.

|  |   |
|--|---|
| Boot and shoe cut stock and findings           | Quarters (shoe cut stock)   |
| Bows, shoe                                     | Rands (shoe cut stock)  |
| Box toes, leather (shoe cut stock)             | Shanks, shoe  |
| Buckles, shoe                                  | Shoe soles: except rubber, composition, plastics, and fiber           |
| Caps, heel and toe: leather or metal           | Soles, boot and shoe: except rubber, composition, plastics, and fiber |
| Clasps, shoe                                   | Stays, shoe   |
| Counters (shoe cut stock)                      | Taps, shoe: regardless of material                                    |
| Cut stock for boots and shoes                  | Tips, shoe: regardless of material                                    |
| Findings, boot and shoe                        | Toe caps, leather or metal  |
| Heel caps, leather or metal                    | Tongues, boot and shoe: leather                                       |
| Heel lifts, leather                            | Top lifts, boot and shoe  |
| Heels, boot and shoe: finished wood or leather | Trimnings, shoe: leather  |
| Inner soles, leather                           | Uppers (shoe cut stock)   |
| Laces, boot and shoe: leather                  | Vamps, leather  |
| Leather welting                                | Welting, leather (cut stock and finding)                              |
| Lifts, heel: leather                           | Wood heel blocks, for sale as such                                    |
| Linings, boot and shoe: leather                | Wood heels, finished (shoe findings)                                  |
| Ornaments, shoe                                |   |
| Pega, shoe                                     |   |

Group Industry  
No. No.

**314 FOOTWEAR, EXCEPT RUBBER**

**3142 House Slippers**

Establishments primarily engaged in manufacturing house slippers of leather or other materials.

House slippers

Slipper socks, made from purchased socks

**3143 Men's Footwear, Except Athletic**

Establishments primarily engaged in the production of men's footwear designed primarily for dress, street, and work. Establishments primarily engaged in the production of such protective footwear as rubbers, rubber boots, storm shoes, galoshes, and other footwear with rubber soles vulcanized to the uppers are classified in Industry 3021. Establishments primarily engaged in the production of athletic shoes and youths' and boys' shoes are classified in Industry 3149.

Boots, dress and casual: men's  
Casual shoes, men's: except athletic  
and rubber footwear  
Dress shoes, men's  
Footwear, men's: except slippers,  
athletic, and vulcanized rubber  
footwear

Footwear, men's: leather or vinyl with  
molded or vulcanized soles  
Orthopedic shoes, men's: except exten-  
sion shoes  
Shoes, men's: except slippers, athletic,  
rubber and extension shoes  
Work shoes, men's

**3144 Women's Footwear, Except Athletic**

Establishments primarily engaged in the production of women's footwear designed primarily for dress, street, and work. Establishments primarily engaged in the production of athletic shoes and misses', children's, infants', and babies' footwear are classified in Industry 3149. Establishments primarily engaged in the production of rubber or plastics footwear are classified in Industry 3021.

Boots, canvas and leather, except ath-  
letic: women's  
Footwear, women's: except slippers,  
athletic, vulcanized rubber footwear  
Footwear, women's: leather or vinyl  
with molded or vulcanized soles

Orthopedic shoes, women's: except ex-  
tension shoes  
Shoes, women's: except slippers, ath-  
letic, and rubber footwear

**3149 Footwear, Except Rubber, Not Elsewhere Classified**

Establishments primarily engaged in the production of shoes, not elsewhere classified, such as misses', youths', boys', children's, infants', and babies' footwear, and athletic footwear. Establishments primarily engaged in the production of rubber or plastics footwear are classified in Industry 3021.

Athletic shoes, except rubber  
Ballet slippers  
Beach sandals, except rubber  
Footwear, children's: except house  
slippers and vulcanized rubber foot-  
wear  
Footwear, children's: leather or vinyl  
with molded or vulcanized soles

Moccasins  
Orthopedic shoes, children's: except  
extension shoes  
Sandals, children's: except rubber  
Shoe dyeing for the trade  
Shoes: novelty, wooden, etc.  
Shower sandals, except rubber

**315 LEATHER GLOVES AND MITTENS**

**3151 Leather Gloves and Mittens**

Establishments primarily engaged in manufacturing dress, semidress, and work gloves exclusively of leather or leather with lining of other material. Establishments primarily engaged in manufacturing sporting and athletic gloves are classified in Industry 3949; and dress, semidress, and work gloves and mittens of cloth or cloth and leather combined in Industry 2381.

Dress and semidress gloves, leather  
Lined leather gloves or mittens

Welders' gloves  
Work gloves, leather

Group Industry  
No. No.  
316

**LUGGAGE****3161 Luggage**

Establishments primarily engaged in manufacturing luggage of leather or other materials.

Attaché cases, regardless of materials  
Bags (luggage), regardless of material  
Boxes, hat: except paper or paper-board  
Briefcases, regardless of material  
Camera carrying bags, plastic  
Cases, leather (luggage)  
Cases, musical instrument  
Luggage, regardless of material

Musical instrument cases  
Sample cases, regardless of material  
Satchels, regardless of material  
Shoe kits, regardless of material  
Suitcases, regardless of material  
Traveling bags, regardless of material  
Trunks, regardless of material  
Valises, regardless of material  
Wardrobe bags (luggage)

317

**HANDBAGS AND OTHER PERSONAL LEATHER GOODS****3171 Women's Handbags and Purses**

Establishments primarily engaged in manufacturing women's handbags and purses of leather or other materials, except precious metal (Industry 3911).

Handbags, women's: of all materials except precious metal  
Pocketbooks, women's: of all materials except precious metal

Purses, women's: of all materials except precious metal

**3172 Personal Leather Goods, Except Women's Handbags and Purses**

Establishments primarily engaged in manufacturing small articles, such as billfolds, key cases, and coin purses of leather or other materials, except precious metal (Industry 3911).

Billfolds, regardless of material  
Card cases, of all materials except precious metal  
Cases, glasses: regardless of material  
Cases, jewelry: regardless of materials  
Checkbook covers, regardless of material  
Cigar cases, of all materials except precious metal  
Cigarette cases, of all materials except precious metal  
Coin purses, regardless of material  
Comb cases, of all materials except precious metal  
Compacts, solid leather  
Cosmetic bags, regardless of material

Key cases, regardless of material  
Leather goods, small: personal  
Pocketbooks, men's: regardless of material  
Pouches, tobacco: regardless of material  
Purses, men's: regardless of material  
Sewing cases, regardless of material  
Straps, watch: leather  
Tobacco pouches, regardless of material  
Toilet kits and cases, fitted or unfitted: regardless of material  
Vanity cases, leather  
Wallets, regardless of material  
Watch straps, leather

319

**LEATHER GOODS, NOT ELSEWHERE CLASSIFIED****3199 Leather Goods, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing leather goods, not elsewhere classified, such as saddlery, harness, and whips, embossed leather goods, leather desk sets, razor strops, and leather belting. Establishments primarily engaged in manufacturing gaskets and packing are classified in Industry 3293.

Aprons: blacksmiths', welders', etc.—leather  
Aprons, textile machinery: leather  
Bags, feed: for horses  
Belt laces, leather  
Belts, safety: leather  
Boots, horse  
Boxes, leather  
Burnt leather goods  
Collars and collar pads (harness)  
Corners, luggage: leather  
Crops, riding  
Desk sets, leather  
Dog furnishings: collars, leashes, harness, muzzles, etc.—leather  
Fly nets (harness)  
Halters (harness)  
Handles, whip and luggage: leather  
Harness and harness parts  
Helmets, except athletic: leather

Holsters, leather  
Jackets, welders': leather  
Lashes (whips)  
Leather belting for machinery: flat, solid, twisted, and built-up  
Leather goods, embossed  
Leggings, welders': leather  
Mill strapping for textile mills, leather  
Novelties, leather  
Puttees, canvas and leather  
Razor strops  
Saddles and parts  
Seat belts, leather  
Sleeves, welders': leather  
Spats  
Stirrups, wood and metal  
Straps, except watch straps: leather  
Whips, horse  
Whipstocks

## Major Group 32.—STONE, CLAY, GLASS, AND CONCRETE PRODUCTS

### *The Major Group as a Whole*

This major group includes establishments engaged in manufacturing flat glass and other glass products, cement, structural clay products, pottery, concrete and gypsum products, cut stone, abrasive and asbestos products, etc., from materials taken principally from the earth in the form of stone, clay, and sand. When separate reports are available for mines and quarries operated by manufacturing establishments classified in this major group, the mining and quarrying activities are classified in Division B. When separate reports are not available, the mining and quarrying activities other than those of Industry 3295 are classified herein with the manufacturing operations.

If separate reports are not available for crushing, grinding, and other preparation activities of Industry 3295, these establishments are classified in Division B.

| Group No. | Industry No. |
|-----------|--------------|
|-----------|--------------|

|     |            |
|-----|------------|
| 321 | FLAT GLASS |
|-----|------------|

|      |            |
|------|------------|
| 3211 | Flat Glass |
|------|------------|

Establishments primarily engaged in manufacturing flat glass. This industry also produces laminated glass, but establishments primarily engaged in manufacturing laminated glass from purchased flat glass are classified in Industry 3231.

|   |   |
|---|---|
| Building glass, flat  | Picture glass                                     |
| Cathedral glass   | Plate glass blanks for optical or ophthalmic uses |
| Float glass   | Plate glass, polished and rough                   |
| Glass, colored: cathedral and antique                               | Sheet glass                                       |
| Glass, flat   | Sheet glass blanks for optical or ophthalmic uses |
| Insulating glass, sealed units: <i>mitse</i>                        | Skylight glass                                    |
| Laminated glass, made from glass produced in the same establishment | Spectacle glass                                   |
| Multiple-glazed insulating units, <i>mitse</i>                      | Structural glass, flat                            |
| Opalescent flat glass   | Tempered glass, <i>mitse</i>                      |
| Ophthalmic glass, flat  | Window glass, clear and colored                   |
| Optical glass, flat   |   |

|     |                                       |
|-----|---------------------------------------|
| 322 | GLASS AND GLASSWARE, PRESSED OR BLOWN |
|-----|---------------------------------------|

This group includes establishments primarily engaged in manufacturing glass and glassware, pressed, blown, or shaped from glass produced in the same establishment. Establishments primarily engaged in manufacturing glass products from purchased glass are classified in Industry 3231.

|      |                  |
|------|------------------|
| 3221 | Glass Containers |
|------|------------------|

Establishments primarily engaged in manufacturing glass containers for commercial packing and bottling, and for home canning.

|  |   |
|--|---|
| Amoules, glass                                       | Jars (packers' ware), glass                       |
| Bottles for packing, bottling, and canning: glass    | Jugs (packers' ware), glass                       |
| Carboys, glass                                       | Medicine bottles, glass                           |
| Containers for packing, bottling, and canning: glass | Milk bottles, glass                               |
| Cosmetic jars, glass                                 | Packers' ware (containers), glass                 |
| Fruit jars, glass                                    | Vials, glass: made in glass making establishments |
|  | Water bottles, glass                              |

Group No. 322 Industry No.

## GLASS AND GLASSWARE, PRESSED OR BLOWN—Continued

### 3229 Pressed and Blown Glass and Glassware, Not Elsewhere Classified

Establishments primarily engaged in manufacturing glass and glassware, not elsewhere classified, pressed, blown, or shaped from glass produced in the same establishment. Establishments primarily engaged in manufacturing textile glass fibers are also included in this industry, but establishments primarily engaged in manufacturing glass wool insulation products are classified in Industry 3296. Establishments primarily engaged in the production of pressed lenses for vehicular lighting, beacons, and lanterns are also included in this industry, but establishments primarily engaged in the production of optical lenses are classified in Industry 3832. Establishments primarily engaged in manufacturing glass containers are classified in Industry 3221, and complete electric light bulbs in Industry 3641.

|  |  |
|--|--|
| Art glassware, made in glassmaking plants                                  | Inkwells, glass  |
| Ash trays, glass   | Insulators, electrical: glass  |
| Barware, glass   | Lamp parts, glass  |
| Battery jars, glass  | Lamp shades, glass   |
| Blocks, glass  | Lantern globes, glass: pressed or blown                                |
| Bowls, glass   | Lens blanks, optical and ophthalmic                                    |
| Bulbs for electric lights, without filaments or sockets: <i>mitse</i>      | Lenses, glass: for lanterns, flashlights, headlights, and searchlights |
| Candlesticks, glass  | Level vials for instruments, glass                                     |
| Centerpieces, glass  | Light shades, glass: pressed or blown                                  |
| Chimneys, lamp: glass—pressed or blown                                     | Lighting glassware, pressed or blown                                   |
| Christmas tree ornaments, from glass: <i>mitse</i>                         | Novelty glassware  |
| Clip cups, glass   | Ophthalmic glass, except flat  |
| Cooking utensils, glass and glass ceramic                                  | Optical glass blanks   |
| Drinking straws, glass   | Reflectors for lighting equipment, glass: pressed or blown             |
| Fibers, glass  | Refrigerator dishes and jars, glass                                    |
| Flameware, glass and glass ceramic   | Scientific glassware, pressed or blown: made in glassmaking plants     |
| Frying pans, glass and glass ceramic                                       | Stemware, glass  |
| Glass blanks for electric light bulbs                                      | Tableware, glass and glass ceramic                                     |
| Glass brick  | Teakettles, glass and glass ceramic                                    |
| Glassware: art, decorative, and novelty                                    | Technical glassware and glass products, pressed or blown               |
| Glassware, except glass containers for packing, bottling, and home canning | Textile glass fibers   |
| Goblets, glass   | Tobacco jars, glass  |
| Illuminating glass: light shades, reflectors, lamp chimneys, and globes    | Trays, glass   |
| Industrial glassware and glass products, pressed or blown                  | Tubing, glass  |
|  | Tumblers, glass  |
|  | TV tube blanks, glass  |
|  | Vases, glass   |
|  | Yarn, fiberglass: made in glass plants                                 |

323

## GLASS PRODUCTS, MADE OF PURCHASED GLASS

### 3231 Glass Products, Made of Purchased Glass

Establishments primarily engaged in manufacturing glass products from purchased glass. Establishments primarily engaged in manufacturing optical lenses and ophthalmic lenses are classified in Major Group 38.

|   |   |
|---|---|
| Aquariums and reflectors, made from purchased glass                             | Glass, scientific apparatus: for druggists, hospitals, laboratories— <i>m/psm</i> |
| Art glass, made from purchased glass  | Glass, sheet: bent—made from purchased glass                                      |
| Artificial flowers, foliage, fruits and vines: glass— <i>m/psm</i>              | Glassware, decorated: chipped, engraved, sandblasted, etc.— <i>m/psm</i>          |
| Christmas tree ornaments, made from purchased glass                             | Grasses, artificial: made from purchased glass                                    |
| Cut and engraved glassware, made from purchased glass                           | Ground glass, made from purchased glass   |
| Decorated glassware: chipped, engraved, etched, sandblasted, etc.— <i>m/psm</i> | Industrial glassware, made from purchased glass                                   |
| Doors, made from purchased glass  | Insulating glass, made from purchased glass                                       |
| Enameled glass, made from purchased glass                                       | Laboratory glassware, made from purchased glass                                   |
| Encrusting gold, silver, or other metals on glass products: <i>m/psm</i>        | Laminated glass, made from purchased glass  |
| Fruit, made from purchased glass  | Leaded glass, made from purchased glass   |
| Furniture tops, glass: cut, beveled, and polished                               |   |

Group Industry  
No. No.

**323 GLASS PRODUCTS, MADE OF PURCHASED GLASS—Continued**

**3231 Glass Products, Made of Purchased Glass—Continued**

|   |   |
|---|---|
| Medicine droppers, made from purchased glass                                | Safety glass, made from purchased glass   |
| Mirrors, framed or unframed: made from purchased glass                      | Silvered glass, made from purchased glass |
| Mirrors, truck and automobile: made from purchased glass                    | Stained glass, made from purchased glass  |
| Mosaics, glass: made from purchased glass                                   | Table tops, made from purchased glass     |
| Multiple-glazed insulating units, made from purchased glass                 | Technical glassware, <i>m/ppm</i>         |
| Novelties, glass: fruit, foliage, flowers, animals, etc.— <i>m/ppm</i>      | Tempered glass, made from purchased glass |
| Ornamented glass, made from purchased glass                                 | Test tubes, made from purchased glass     |
| Plants and foliage, made from purchased glass                               | Vials, made from purchased glass          |
| Reflector glass beads, for highway signs and other reflectors: <i>m/ppm</i> | Watch crystals, made from purchased glass |
|   | Windows, stained glass                    |
|   | Windshields, made from purchased glass    |

**324 CEMENT, HYDRAULIC**

**3241 Cement, Hydraulic**

Establishments primarily engaged in manufacturing hydraulic cement, including portland, natural, masonry, and pozzolan cements.

Cement, hydraulic: portland, natural, masonry, pozzolan

**325 STRUCTURAL CLAY PRODUCTS**

**3251 Brick and Structural Clay Tile**

Establishments primarily engaged in manufacturing brick and structural clay tile. Establishments primarily engaged in manufacturing clay firebrick are classified in Industry 3255, nonclay firebrick in Industry 3297, sand lime brick in Industry 3299, and glass brick in Industry 3229.

|  |                       |
|--|-----------------------|
| Book tile, clay  | Floor arch tile, clay |
| Brick: common face, glazed, vitrified, and hollow—clay | Flooring brick, clay  |
| Building tile: clay                                    | Furring tile, clay    |
| Ceramic glazed brick, clay                             | Partition tile, clay  |
| Chimney blocks, radial: clay                           | Paving brick, clay    |
| Corncrib tile  | Silo tile             |
| Facing tile, clay: glazed and unglazed                 | Slumped brick         |
| Fireproofing tile, clay                                | Structural tile, clay |

**3253 Ceramic Wall and Floor Tile**

Establishments primarily engaged in manufacturing ceramic wall and floor tile. Establishments primarily engaged in manufacturing structural clay tile are classified in Industry 3251, and drain tile in Industry 3259.

|   |   |
|---|---|
| Ceramic tile, floor and wall: glazed and unglazed | Mosaic tile, ceramic: glazed and unglazed |
| Enamel tile, floor and wall: clay                 | Promenade tile, clay                      |
| Faience tile                                      | Quarry tile, clay                         |
|   | Tile, clay floor and wall: enameled       |

**3255 Clay Refractories**

Establishments primarily engaged in manufacturing clay firebrick and other heat resisting clay products. Establishments primarily engaged in manufacturing nonclay refractories, as well as all graphite refractories whether of carbon bond or ceramic bond, are classified in Industry 3297.

Group  
No. 325

Industry  
No. **STRUCTURAL CLAY PRODUCTS—Continued**  
**3255 Clay Refractories—Continued**

|  |                                       |
|--|---------------------------------------|
| Brick, clay refractory: fire clay and high alumina | Hot top refractories, clay            |
| Brick, ladle: clay                                 | Insulating firebrick and shapes, clay |
| Castable refractories, clay                        | Kiln furniture, clay                  |
| Cement, clay refractory                            | Ladle brick, clay                     |
| Crucibles, fire clay                               | Melting pots, glass house: clay       |
| Fire clay blocks, bricks, tile and special shapes  | Mortars, clay refractory              |
| Firebrick, clay                                    | Plastic fire clay bricks              |
| Floater, glass house: clay                         | Plastic refractories, clay            |
| Foundry refractories, clay                         | Rings, glass house: clay              |
| Glass house refractories                           | Saggers                               |
| Heater radiants, clay                              | Stoppers, glass house: clay           |
|  | Tank blocks, glass house: clay        |
|  | Tile, clay refractory                 |

**3259 Structural Clay Products, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing clay sewer pipe and structural clay products, not elsewhere classified.

|                             |  |
|-----------------------------|--|
| Adobe brick                 | Liner brick and plates, for lining sewers, tanks, etc.: vitrified clay |
| Architectural terra cotta   | Lining, stove and flue: clay   |
| Blocks, segment: clay       | Roofing tile, clay   |
| Chimney pipe and tops, clay | Sewer pipe and fittings, clay  |
| Conduit, vitrified clay     | Thimbles, chimney: clay  |
| Coping, wall: clay          | Tile, sewer: clay  |
| Drain tile, clay            |  |

326

**POTTERY AND RELATED PRODUCTS**

**3261 Vitreous China Plumbing Fixtures and China and Earthenware Fittings and Bathroom Accessories**

Establishments primarily engaged in manufacturing china plumbing fixtures and china and earthenware fittings and bathroom accessories.

|  |   |
|--|---|
| Bathroom accessories, vitreous china and earthenware | Laundry trays, vitreous china                     |
| Bidets, vitreous china                               | Lavatories, vitreous china                        |
| Bolt caps, vitreous china and earthenware            | Plumbing fixtures, vitreous china                 |
| Closet bowls, vitreous china                         | Sinks, vitreous china                             |
| Drinking fountains, vitreous china                   | Soap dishes, vitreous china and earthenware       |
| Faucet handles, vitreous china and earthenware       | Toilet fixtures, vitreous china                   |
| Flush tanks, vitreous china                          | Towel bar holders, vitreous china and earthenware |
|  | Urinals, vitreous china                           |

**3262 Vitreous China Table and Kitchen Articles**

Establishments primarily engaged in manufacturing vitreous china table and kitchen articles for use in households and in hotels, restaurants, and other commercial institutions for preparing, serving, or storing food or drink. Establishments primarily engaged in manufacturing fine (semivitreous) types of earthenware (whiteware) table and kitchen articles are classified in Industry 3263.

|   |  |
|---|--|
| Bone china  | Kitchen articles, commercial and household: vitreous china |
| Commercial tableware and kitchen articles, vitreous china | Table articles, vitreous china                             |
| Cooking ware, china                                       |  |
| Dishes, commercial and household: vitreous china          |  |

Group Industry  
No. No.

**326 POTTERY AND RELATED PRODUCTS—Continued**

**3263 Fine Earthenware (Whiteware) Table and Kitchen Articles**

Establishments primarily engaged in manufacturing fine (semivitreous) types of earthenware table and kitchen articles for preparing, serving, or storing food or drink. Establishments primarily engaged in manufacturing vitreous china table and kitchen articles are classified in Industry 3262.

|   |   |
|---|---|
| Cooking ware, fine earthenware<br>Earthenware, household and commercial: semivitreous<br>Kitchen articles, semivitreous earthenware | Tableware, household and commercial: semivitreous<br>Whiteware, fine type semivitreous table and kitchen articles |
|---|---|

**3264 Porcelain Electrical Supplies**

Establishments primarily engaged in manufacturing porcelain electrical insulators, molded porcelain parts for electrical devices, spark plug and steatitic porcelain, and other electrical supplies from clay and other ceramic materials.

|   |   |
|---|---|
| Alumina porcelain insulators<br>Beryllia porcelain insulators<br>Cleats, porcelain<br>Ferrite, except for electronic application<br>Insulators, electrical: porcelain<br>Knobs, porcelain | Magnets, permanent, ceramic or ferrite, except for electronic applications<br>Porcelain parts, molded: for electrical devices<br>Spark plug porcelain<br>Titania porcelain insulators<br>Tubes, porcelain |
|---|---|

**3269 Pottery Products, Not Elsewhere Classified**

Establishments primarily engaged in firing and decorating white china and earthenware for the trade and manufacturing art and ornamental pottery, industrial and laboratory pottery, stoneware and coarse earthenware table and kitchen articles, unglazed red earthenware florists' articles, and other pottery products, not elsewhere classified.

|  |   |
|--|---|
| Art and ornamental ware, pottery<br>Ash trays, pottery<br>Chemical porcelain<br>Chemical stoneware (pottery products)<br>China firing and decorating, for the trade<br>Cones, pyrometric: earthenware<br>Cooking ware: stoneware, coarse earthenware, and pottery<br>Crockery<br>Decalcomania work on china and glass, for the trade<br>Earthenware table and kitchen articles, coarse<br>Encrusting gold, silver, or other metal on china, for the trade<br>Figures, pottery: china, earthenware, and stoneware | Filtering media, pottery<br>Florists' articles, red earthenware<br>Flower pots, red earthenware<br>Forms for dipped rubber products, pottery<br>Grinding media, pottery<br>Heater parts, pottery<br>Kitchen articles, coarse earthenware<br>Lamp bases, pottery<br>Pottery: art, garden, decorative, industrial, and laboratory<br>Pyrometer tubes<br>Rockingham earthenware<br>Smokers' articles, pottery<br>Stationery articles, pottery<br>Textile guides, porcelain<br>Vases, pottery (china, earthenware, and stoneware) |
|--|---|

**327 CONCRETE, GYPSUM, AND PLASTER PRODUCTS**

**3271 Concrete Block and Brick**

Establishments primarily engaged in manufacturing concrete building block and brick from a combination of cement and aggregate. Contractors engaged in concrete construction work are classified in the construction industries, and establishments primarily engaged in mixing and delivering ready-mixed concrete in Industry 3273.

|  |   |
|--|---|
| Blocks, concrete and cinder<br>Brick, concrete | Decorative block, concrete: split, slump, shadowal<br>Piloth blocks, precast terrazzo |
|--|---|



Group No. 327 Industry No.

CONCRETE, GYPSUM, AND PLASTER PRODUCTS—Continued

3272 Concrete Products, Except Block and Brick

Establishments primarily engaged in manufacturing concrete products, except block and brick, from a combination of cement and aggregate. Contractors engaged in concrete construction work are classified in the construction industries, and establishments primarily engaged in mixing and delivering ready-mixed concrete in Industry 3273.

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>Areaways, basement window : concrete</li> <li>Art marble, concrete</li> <li>Ashlar, cast stone</li> <li>Bathtubs, concrete</li> <li>Battery wells and boxes, concrete</li> <li>Building materials, concrete: except block and brick</li> <li>Building stone, artificial : concrete</li> <li>Burial vaults, concrete and precast terrazzo</li> <li>Cast stone, concrete</li> <li>Catch basin covers, concrete</li> <li>Ceiling squares, concrete</li> <li>Chimney caps, concrete</li> <li>Church furniture, concrete</li> <li>Columns, concrete</li> <li>Concrete, dry mixture</li> <li>Concrete products, precast: except block and brick</li> <li>Conduits, concrete</li> <li>Copings, concrete</li> <li>Covers, catch basin : concrete</li> <li>Cribbing, concrete</li> <li>Crossing slabs, concrete</li> <li>Culvert pipe, concrete</li> <li>Cylinder pipe, prestressed concrete</li> <li>Cylinder pipe, pretensioned concrete</li> <li>Door frames, concrete</li> <li>Drain tile, concrete</li> <li>Fireplaces, concrete</li> <li>Floor filler tiles, concrete</li> <li>Floor slabs, precast concrete</li> <li>Floor tile, precast terrazzo</li> <li>Fountains, concrete</li> <li>Fountains, wash : precast terrazzo</li> <li>Garbage boxes, concrete</li> <li>Grave markers, concrete</li> <li>Grave vaults, concrete</li> <li>Grease traps, concrete</li> <li>Housing components, prefabricated : concrete</li> <li>Inclinerators, concrete</li> <li>Irrigation pipe, concrete</li> <li>Joists, concrete</li> <li>Laundry trays, concrete</li> </ul> | <ul style="list-style-type: none"> <li>Lintels, concrete</li> <li>Manhole covers and frames, concrete</li> <li>Mantels, concrete</li> <li>Mattresses for river revetment, concrete articulated</li> <li>Meter boxes, concrete</li> <li>Monuments, concrete</li> <li>Panels and sections, prefabricated : concrete</li> <li>Paving materials, prefabricated concrete, except blocks</li> <li>Pier footings, prefabricated concrete</li> <li>Piling, prefabricated concrete</li> <li>Pipe, concrete</li> <li>Pipe, lined with concrete</li> <li>Poles, concrete</li> <li>Posts, concrete</li> <li>Pressure pipe, reinforced concrete</li> <li>Prestressed concrete products</li> <li>Roofing tile and slabs, concrete</li> <li>Septic tanks, concrete</li> <li>Sewer pipe, concrete</li> <li>Shower receptors, concrete</li> <li>Siding, precast stone</li> <li>Sills, concrete</li> <li>Silo staves, cast stone</li> <li>Silos, prefabricated concrete</li> <li>Slabs, crossing : concrete</li> <li>Spanish floor tile, concrete</li> <li>Squares for walls and ceilings, concrete</li> <li>Steps, prefabricated concrete</li> <li>Stone, cast concrete</li> <li>Stools, precast terrazzo</li> <li>Storage tanks, concrete</li> <li>Tanks, concrete</li> <li>Thresholds, precast terrazzo</li> <li>Tile, precast terrazzo or concrete</li> <li>Tombstones, precast terrazzo or concrete</li> <li>Wall base, precast terrazzo</li> <li>Wall squares, concrete</li> <li>Wash foundations, precast terrazzo</li> <li>Well curbing, concrete</li> <li>Window sills, cast stone</li> </ul> |
|---|--|

3273 Ready-Mixed Concrete

Establishments primarily engaged in manufacturing portland cement concrete manufactured and delivered to a purchaser in a plastic and unhardened state. This industry includes production and sale of central-mixed concrete, shrink-mixed concrete, and transit-mixed concrete.

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>Central-mixed concrete</li> <li>Ready-mixed concrete, production and distribution</li> </ul> | <ul style="list-style-type: none"> <li>Shrink-mixed concrete</li> <li>Transit-mixed concrete</li> </ul> |
|---|---|

3274 Lime

Establishments primarily engaged in manufacturing quicklime, hydrated lime, and "dead-burned" dolomite from limestone, dolomite shells, or other substances.

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>Agricultural lime</li> <li>Building lime</li> <li>Dolomite, dead-burned</li> <li>Dolomitic lime</li> </ul> | <ul style="list-style-type: none"> <li>Hydrated lime</li> <li>Lime plaster</li> <li>Masons' lime</li> <li>Quicklime</li> </ul> |
|---|--|

Group Industry  
No. No.

**327 CONCRETE, GYPSUM, AND PLASTER PRODUCTS—Continued**

**3275 Gypsum Products**

Establishments primarily engaged in manufacturing plaster, plasterboard, and other products composed wholly or chiefly of gypsum.

Acoustical plaster, gypsum  
Cement, Keene's  
Building board, gypsum  
Gypsum products: block, board, plaster, rock, tile, etc.  
Insulating plaster, gypsum

Orthopedic plaster, gypsum  
Panels, plaster: gypsum  
Plaster and plasterboard, gypsum  
Plaster of paris  
Wallboard, gypsum

**328 CUT STONE AND STONE PRODUCTS**

**3281 Cut Stone and Stone Products**

Establishments primarily engaged in cutting, shaping, and finishing marble, granite, slate, and other stone for building and miscellaneous uses. Establishments primarily engaged in buying or selling partly finished monuments and tombstones, but performing no work on the stones other than lettering, finishing, or shaping to custom order, are classified in trade industries. The cutting of grindstones, pulpstones, and whetstones at the quarry is classified in Division B.

Altars, cut stone  
Baptismal fonts, cut stone  
Benches, cut stone  
Blackboards, slate  
Burial vaults, stone  
Church furniture: altars, fonts, communion tables, pulpits, etc.—cut stone  
Curbing, granite and stone  
Cut stone products for building, ornamental, paving, and other uses  
Desk set bases, onyx  
Dimension stone for buildings  
Flagstones  
Furniture, cut stone  
Granite: for building, ornamental, paving, and other uses—cut and shaped  
Lamp bases, onyx  
Limestone, cut and shaped

Marble, building: cut and shaped  
Monuments, cut stone: not including only finishing or lettering to order  
Paving blocks, cut stone  
Pedestals, marble  
Pulpits, cut stone  
Roofing, slate  
Slate and slate products  
Statuary, marble  
Stone, cut and shaped  
Stone, quarrying and processing of own stone products  
Switchboard panels, slate  
Table tops, marble  
Tombstones, cut stone: not including only finishing or lettering to order  
Urns, cut stone  
Vases, cut stone

**329 ABRASIVE, ASBESTOS, AND MISCELLANEOUS NONMETALLIC MINERAL PRODUCTS**

**3291 Abrasive Products**

Establishments primarily engaged in manufacturing abrasive grinding wheels of natural or synthetic materials, and other abrasive products. The cutting of grindstones, pulpstones, and whetstones at the quarry is classified in mining industries.

Abrasive buffs, bricks, cloth, paper, sticks, stones, wheels, etc.  
Abrasive grains, natural and artificial  
Abrasives, aluminous  
Aluminum oxide (fused) abrasives  
Boron carbide abrasives  
Bort, crushing  
Buffing and polishing wheels, abrasive and nonabrasive  
Corundum abrasives  
Diamond dressing wheels  
Diamond powder  
Emery abrasives  
Garnet abrasives  
Grinding balls, ceramic  
Grindstones, artificial  
Grit, steel  
Hones  
Metallic abrasives  
Oilstones, artificial

Pads, scouring: soap impregnated  
Paper: garnet, emery, aluminum oxide, and flint  
Polishing rouge (abrasive)  
Polishing wheels  
Pumice and pumicite abrasives  
Rouge, polishing  
Rubbing stones, artificial  
Sandpaper  
Scythestones, artificial  
Silicon carbide abrasives  
Sponges, scouring: metallic  
Steel shot abrasives  
Steel wool  
Tripoli  
Tungsten carbide abrasives  
Wheels, abrasive: except dental  
Wheels, diamond abrasive  
Wheels, grinding: artificial  
Whetstones, artificial

Group  
No. 329

Industry  
No. **ABRASIVE, ASBESTOS, AND MISCELLANEOUS NONMETALLIC MINERAL PRODUCTS—Continued**

**3292 Asbestos Products**

Establishments primarily engaged in manufacturing asbestos textiles, asbestos building materials, except asbestos paper (Industry 2661), insulating materials for covering boilers and pipes, and other commodities composed wholly or chiefly of asbestos. Establishments primarily engaged in manufacturing gaskets and steam and other packing are classified in Industry 3293.

|  |  |
|--|--|
| Asbestos cement products: siding, pressure pipe, conduits, ducts, etc. | Mattresses, asbestos                                 |
| Asbestos products: except steam and other packing and gaskets          | Millboard, asbestos                                  |
| Blankets, insulating for aircraft: asbestos                            | Pipe and boiler covering, except felt                |
| Boiler covering (heat insulating material), except felt                | Pipe covering (insulation), laminated asbestos paper |
| Brake lining, asbestos   | Pipe, pressure: asbestos cement                      |
| Brake lining, sintered metal and ceramic materials                     | Roofing, asbestos felt roll                          |
| Building materials, asbestos: except asbestos paper                    | Rope, asbestos                                       |
| Carded fiber, asbestos   | Sheet, asbestos cement: flat or corrugated           |
| Cloth, asbestos  | Shingles, asbestos cement                            |
| Clutch facings, asbestos   | Siding, asbestos cement                              |
| Cord, asbestos   | Table pads and padding, asbestos                     |
| Felt, woven amosite: asbestos  | Tape, asbestos                                       |
| Floor tile, asphalt  | Textiles, asbestos: except packing                   |
| Friction materials, asbestos: woven                                    | Thread, asbestos                                     |
| Insulation, molded asbestos  | Tile, vinyl asbestos                                 |
|  | Tubing, asbestos                                     |
|  | Wick, asbestos                                       |
|  | Yarn, asbestos                                       |

**3293 Gaskets, Packing, and Sealing Devices**

Establishments primarily engaged in manufacturing gaskets, gasketing materials, compression packings, molded packings, oil seals, and mechanical seals. Included are gaskets, packing, and sealing devices made of leather, rubber, metal, asbestos, and plastics.

|                                     |   |
|-------------------------------------|---|
| Gaskets, regardless of material     | Packing for steam engines, pipe joints, air compressors, etc. |
| Grease retainers, leather           | Packing, metallic   |
| Grease seals, asbestos              | Packing, rubber   |
| Oil seals, asbestos                 | Steam and other packing                                       |
| Oil seals, leather                  | Washers, leather  |
| Oil seals, rubber                   |   |
| Packing: cup, U-valve, etc.—leather |   |

**3295 Minerals and Earths, Ground or Otherwise Treated**

Establishments operating without a mine or quarry and primarily engaged in the crushing, grinding, pulverizing, or otherwise preparing clay, ceramic, and refractory minerals; barite; and miscellaneous nonmetallic minerals, except fuels. These minerals are the crude products mined by establishments of Industry Groups 145 and 149 and Industry 1472. Also included are establishments primarily crushing slag and preparing roofing granules. The beneficiation or preparation of other minerals and metallic ores, and the cleaning and grading of coal, are classified in the mining industries, whether or not the operation is associated with a mine.

|  |   |
|--|---|
| Barium, ground or otherwise treated              | Foundry facings, ground or otherwise treated                |
| Barytes (barite), ground or otherwise treated    | Fuller's earth, ground or otherwise treated                 |
| Blast furnace slag                               | Graphite, natural: ground, pulverized, refined, or blended  |
| Clay for petroleum refining chemically processed | Kaolin, ground or otherwise treated                         |
| Clay, ground or otherwise treated                | Lead, black (natural graphite): ground, refined, or blended |
| Desiccants, activated: clay                      | Magnesite, crude: ground, calcined, or dead-burned          |
| Diatomaceous earth, ground or otherwise treated  | Mica, ground or otherwise treated                           |
| Feldspar, ground or otherwise treated            | Perlite aggregate   |
| Filtering clays, treated purchased materials     | Perlite, expanded   |
| Flint, ground or otherwise treated               |   |

Group Industry  
No. No.

**329 ABRASIVE, ASBESTOS, AND MISCELLANEOUS NONMETALLIC MINERAL PRODUCTS—Continued**

**3295 Minerals and Earths, Ground or Otherwise Treated—Continued**

|   |                                       |
|---|---------------------------------------|
| Plumbago: ground, refined, or blended     | Silicon, ultra high purity: treated   |
| Pulverized earth                          | purchased materials                   |
| Pumice, ground or otherwise treated       | Slag, crushed or ground               |
| Pyrophyllite, ground or otherwise treated | Solite, ground or otherwise treated   |
| Roofing granules                          | Spar, ground or otherwise treated     |
| Shale, expanded                           | Steatite, ground or otherwise treated |
|   | Talc, ground or otherwise treated     |
|   | Vermiculite, exfoliated               |

**3296 Mineral Wool**

Establishments primarily engaged in manufacturing mineral wool and mineral wool insulation products made of such silicious materials as rock, slag, and glass, or combinations thereof. Establishments primarily engaged in manufacturing asbestos insulation products are classified in Industry 3292, and textile glass fibers in Industry 3229.

|   |                                   |
|---|-----------------------------------|
| Acoustical board and tile, mineral wool | Insulation, mineral wool: made of |
| Fiberglass insulation                   | rock, slag, and silica minerals   |
| Glass wool                              |                                   |

**3297 Nonclay Refractories**

Establishments primarily engaged in manufacturing refractories and crucibles made of materials other than clay. This industry also includes establishments primarily engaged in manufacturing all graphite refractories, whether of carbon bond or ceramic bond. Establishments primarily engaged in manufacturing clay refractories are classified in Industry 3255.

|  |   |
|--|---|
| Alumina fused refractories   | Gunning mixes, nonclay                              |
| Brick, bauxite   | High temperature mortar, nonclay                    |
| Brick, carbon  | Hot top—nonclay refractory                          |
| Brick, refractory: chrome, magnesite, silica, and other nonclays           | Nonclay refractories                                |
| Brick, silicon carbide   | Plastic refractories, nonclay                       |
| Castable refractories, nonclay   | Pyrolytic graphite                                  |
| Cement: high temperature, refractory (nonclay)                             | Ramming mixes, nonclay                              |
| Cement, magnesia   | Refractories, castable: nonclay                     |
| Crucibles: graphite, magnesite, chrome, silica, or other nonclay materials | Refractories, graphite: carbon bond or ceramic bond |
| Dolomite and dolomite-magnesite brick and shapes                           | Refractory cement, nonclay                          |
|  | Retorts, graphite                                   |

**3299 Nonmetallic Mineral Products, Not Elsewhere Classified**

Establishments primarily engaged in the factory production of statuary and art goods made of plaster of paris and papier mache, and in manufacturing sand lime products and other nonmetallic mineral products, not elsewhere classified.

|   |   |
|---|---|
| Architectural sculptures, plaster of paris: factory production only       | Mica splitting  |
| Art goods: plaster of paris, papier mache, and scagliola                  | Moldings, architectural: plaster of paris—factory production only       |
| Blocks, sand lime   | Ornamental and architectural plaster work: mantels, columns, etc.       |
| Brackets, architectural: plaster—factory production only                  | Panels, papier mache or plaster of paris                                |
| Built-up mica   | Pedestals, statuary: plaster of paris or papier mache—factory only      |
| Ceramic fiber   | Plaques: clay, plaster, or papier mache—factory production only         |
| Columns, papier mache or plaster of paris                                 | Sculptures, architectural: gypsum, clay, or papier mache—factory only   |
| Ecclesiastical statuary: gypsum, clay, or papier mache—factory production | Statuary: gypsum, clay, papier mache, scagliola, and metal—factory only |
| Floor composition, magnesite  | Stucco  |
| Flower boxes, plaster of paris: factory production only                   | Synthetic stones, for gem stones and industrial use                     |
| Fountains, plaster of paris: factory production only                      | Tile, sand lime   |
| Gravel painting   | Tubing for electrical purposes, quartz                                  |
| Images, small: gypsum, clay, or papier mache—factory production only      | Urns, gypsum or papier mache: factory production only                   |
| Insul sleeves (foundry materials)   | Vases, gypsum or papier mache: factory production only                  |
| Mica, laminated   |   |
| Mica products, built-up and sheet, except radio parts                     |   |

## Major Group 33.—PRIMARY METAL INDUSTRIES

### *The Major Group as a Whole*

This major group includes establishments engaged in the smelting and refining of ferrous and nonferrous metals from ore, pig, or scrap; in the rolling, drawing, and alloying of ferrous and nonferrous metals; in the manufacture of castings and other basic products of ferrous and nonferrous metals; and in the manufacture of nails, spikes, and insulated wire and cable. This major group also includes the production of coke. Establishments primarily engaged in manufacturing metal forgings or stampings are classified in Group 346.

Group Industry  
No. No.

### 331 BLAST FURNACES, STEEL WORKS, AND ROLLING AND FINISHING MILLS

#### 3312 Blast Furnaces (Including Coke Ovens), Steel Works, and Rolling Mills

Establishments primarily engaged in manufacturing hot metal, pig iron, silvery pig iron, and ferroalloys from iron ore and iron and steel scrap; converting pig iron, scrap iron and scrap steel into steel; and in hot rolling iron and steel into basic shapes such as plates, sheets, strips, rods, bars, and tubing. Merchant blast furnaces and byproduct or beehive coke ovens are also included in this industry. Establishments primarily engaged in manufacturing ferro and nonferrous additive alloys by electrometallurgical processes are classified in Industry 3313.

Armor plate, made in steel works or rolling mills  
Axles, rolled or forged: made in steel works or rolling mills  
Bars, iron: made in steel works or rolling mills  
Bars, steel: made in steel works or hot rolling mills  
Beehive coke oven products  
Billets, steel  
Blackplate  
Blast furnace products  
Blooms  
Car wheels, rolled  
Chemical recovery coke oven products  
Coal gas, derived from chemical recovery coke ovens  
Coal tar crudes, derived from chemical recovery coke ovens  
Coke, produced in beehive ovens  
Coke, produced in chemical recovery coke ovens  
Cold rolled strip steel, flat bright: made in hot rolling mills  
Distillates, derived from chemical recovery coke ovens  
Fence posts, iron and steel: made in steel works or rolling mills  
Ferroalloys, produced in blast furnaces  
Flats, iron and steel: made in steel works and hot rolling mills  
Forgings, iron and steel: made in steel works or rolling mills  
Frogs, iron and steel: made in steel works or rolling mills  
Galvanized hoops, pipes, plates, sheets, and strips: iron and steel  
Gun forgings, iron and steel: made in steel works or rolling mills  
Hoops, galvanized iron and steel: made in steel works or rolling mills  
Hoops, iron and steel: made in steel works or hot rolling mills  
Hot rolled iron and steel products  
Ingots, steel  
Iron, pig  
Iron sinter, made in steel mills  
Nut rods, iron and steel: made in steel works or rolling mills  
Pipe, iron and steel: made in steel works or rolling mills

Plates, made in steel works or rolling mills  
Rail joints and fastenings, made in steel works or rolling mills  
Railroad crossings, iron and steel: made in steel works or rolling mills  
Rails, iron and steel  
Rails, rerolled or renewed  
Rods, iron and steel: made in steel works or rolling mills  
Rounds, tube  
Sheet pilings, plain: iron and steel—made in steel works or rolling mills  
Sheets, iron and steel: made in steel works or rolling mills  
Shell slugs, steel: made in steel works or rolling mills  
Skelp, iron and steel  
Slabs, steel  
Spiegeleisen, made in blast furnaces  
Spikes and spike rods, made in steel works or rolling mills  
Sponge iron  
Stainless steel  
Steel works producing bars, rods, plates, sheets, structural shapes, etc.  
Strips, galvanized iron and steel: made in steel works or rolling mills  
Strips, iron and steel: made in steel works or hot rolling mills  
Structural shapes, iron and steel  
Tar, derived from chemical recovery coke ovens  
Terneplate  
Ternes, iron and steel: long or short  
Tie plates, iron and steel  
Tin free steel  
Tin plate  
Tool steel  
Tube rounds  
Tubes, iron and steel: made in steel works or rolling mills  
Tubing, seamless: steel  
Well casings, iron and steel: made in steel works or rolling mills  
Wheels, car and locomotive: iron and steel—*mitse*  
Wire products, iron and steel: made in steel works or rolling mills  
Wrought pipe and tubing, made in steel works or rolling mills

Group Industry  
No. No.

**331 BLAST FURNACES, STEEL WORKS, AND ROLLING AND FINISHING MILLS—  
Continued**

**3313 Electrometallurgical Products**

Establishments primarily engaged in manufacturing ferro and nonferrous additive alloys by electrometallurgical or metallothermic processes, including high percentage ferroalloys and high percentage nonferrous additive alloys.

|   |   |
|---|---|
| Additive alloys, except copper: not produced in blast furnaces        | Ferrotitanium   |
| Electrometallurgical products, except aluminum, magnesium, and copper | Ferrotungsten   |
| Ferroalloys, not made in blast furnaces                               | Ferrovandium  |
| Ferrochromium   | High percentage ferroalloys, not produced in blast furnaces |
| Ferromanganese, not produced in blast furnaces                        | Manganese metal, not produced in blast furnaces             |
| Ferromolybdenum   | Molybdenum silicon, not produced in blast furnaces          |
| Ferrophosphorus   | Nonferrous additive alloys, high percentage: except copper  |
| Ferrosilicon, not produced in blast furnaces                          | Steel, electrometallurgical                                 |

**3315 Steel Wire Drawing and Steel Nails and Spikes**

Establishments primarily engaged in drawing wire from purchased iron or steel rods, bars, or wire and which may be engaged in the further manufacture of products made from wire; establishments primarily engaged in manufacturing steel nails and spikes from purchased materials are also included in this industry. Rolling mills engaged in the production of ferrous wire from wire rods or hot rolled bars produced in the same establishment are classified in Industry 3312. Establishments primarily engaged in drawing nonferrous wire are classified in Group 335.

|                                    |   |
|------------------------------------|---|
| Brads, steel: wire or cut          | Tacks, steel: wire or cut                           |
| Cable, steel: insulated or armored | Wire, ferrous                                       |
| Horseshoe nails                    | Wire products, ferrous: made in wire drawing plants |
| Nails, steel: wire or cut          | Wire, steel: insulated or armored                   |
| Spikes, steel: wire or cut         |   |
| Staples, steel: wire or cut        |   |

**3316 Cold Rolled Steel Sheet, Strip, and Bars**

Establishments primarily engaged in (1) cold rolling steel sheets and strip from purchased hot rolled sheets; (2) cold drawing steel bars and steel shapes from purchased hot rolled steel bars; and (3) producing other cold finished steel. Establishments primarily engaged in the production of steel, including hot rolled steel sheets, and further cold rolling such sheets are classified in Industry 3312.

|   |   |
|---|---|
| Cold finished steel bars: not made in hot rolling mills                 | Razor blade strip steel, cold rolled: not made in hot rolling mills |
| Cold rolled steel strip, sheet, and bars: not made in hot rolling mills | Sheet steel, cold rolled: not made in hot rolling mills             |
| Corrugating iron and steel, cold rolled: not made in hot rolling mills  | Wire, flat: cold rolled strip: not made in hot rolling mills        |
| Flat bright steel strip, cold rolled: not made in hot rolling mills     |   |

**3317 Steel Pipe and Tubes**

Establishments primarily engaged in the production of welded or seamless steel pipe and tubes and heavy riveted steel pipe from purchased materials. Establishments primarily engaged in the production of steel, including steel skelp or steel blanks, tube rounds, or pierced billets, are classified in Industry 3312.

|  |   |
|--|---|
| Boiler tubes, wrought: <i>m f p m</i>                                | Tubing, mechanical and hypodermic sizes: cold drawn stainless steel— <i>m f p m</i> |
| Conduit: welded, lock joint, and heavy riveted— <i>m f p m</i>       | Well casing, wrought: welded, lock joint, and heavy riveted— <i>m f p m</i>         |
| Pipe, seamless steel: <i>m f p m</i>                                 | Wrought pipe and tubes: welded, lock joint, and heavy riveted— <i>m f p m</i>       |
| Pipe, wrought: welded, lock joint, and heavy riveted— <i>m f p m</i> |   |
| Tubes, seamless steel: <i>m f p m</i>                                |   |

Group  
No. 332

Industry  
No.

**IRON AND STEEL FOUNDRIES**

This group includes establishments primarily engaged in manufacturing iron and steel castings. These establishments generally operate on a job or order basis, manufacturing castings for sale to others or for interplant transfer. Establishments which produce iron and steel castings and which are also engaged in fabricating operations, such as machining, assembling, etc., in manufacturing a specified product are classified in the industry of the specified product. Iron and steel castings are made to a considerable extent by establishments classified in other industries, that operate foundry departments for the production of castings for incorporation, in the same establishment, into such products as stoves, furnaces, plumbing fixtures, motor vehicles, etc. Establishments primarily engaged in the manufacture and rolling of steel and also making steel castings are classified in Industry 3312. Establishments primarily engaged in manufacturing nonferrous castings are classified in Group 336.

**3321 Gray Iron Foundries**

Establishments primarily engaged in manufacturing gray iron castings, including cast iron pressure and soil pipes and fittings.

- |  |   |
|--|---|
| Brake shoes, railroad : cast iron        | Hydrants, water : cast iron             |
| Car wheels, railroad : chilled cast iron | Ingot molds and stools                  |
| Castings, gray iron and semisteel        | Manhole covers, metal                   |
| Cooking utensils, cast iron              | Nipples, pipe : pressure and soil pipe— |
| Couplings, pipe : pressure and soil      | cast iron                               |
| pipe—cast iron                           | Nodular iron castings                   |
| Ductile iron castings                    | Pipe and fittings, soil and pressure :  |
| Elbows, pipe : pressure and soil pipe,   | cast iron                               |
| cast iron                                | Railroad car wheels, chilled cast iron  |
| Foundries, gray iron and semisteel       | Rolling mill rolls, iron : not machined |
| Gas pipe, cast iron                      | Sash balances, cast iron                |
| Gray iron foundries                      | Sewer pipe, cast iron                   |
|  | Water pipe, cast iron                   |

**3322 Malleable Iron Foundries**

Establishments primarily engaged in manufacturing malleable iron castings.

- |                           |                                    |
|---------------------------|------------------------------------|
| Castings, malleable iron  | Pearlitic castings, malleable iron |
| Foundries, malleable iron |                                    |

**3324 Steel Investment Foundries**

Establishments primarily engaged in manufacturing steel investment castings.  
Investment castings, steel

**3325 Steel Foundries, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing steel castings, not elsewhere classified.

- |  |  |
|--|--|
| Alloy steel castings : except investment | Foundries, steel : except investment     |
| Bushings, cast steel : except investment | Rolling mill rolls, steel : not machined |
| Cast steel railroad car wheels           | Steel foundries, except investment       |
| Castings, steel : except investment      |  |

333

**PRIMARY SMELTING AND REFINING OF NONFERROUS METALS**

**3331 Primary Smelting and Refining of Copper**

*Establishments primarily engaged in smelting copper from the ore, and in refining copper by electrolytic or other processes. Establishments primarily engaged in rolling, drawing, or extruding copper are classified in Industry 3351.*

- |                                  |                                       |
|----------------------------------|---------------------------------------|
| Bars, refinery : primary copper  | Copper smelting and refining, primary |
| Blister copper                   | Pigs, copper                          |
| Blocks, copper                   | Primary smelting and refining of      |
| Copper ingots and refinery bars, | copper                                |
| primary                          | Slabs, copper : primary               |

Group Industry  
No. No.

**333 PRIMARY SMELTING AND REFINING OF NONFERROUS METALS—Continued**

**3332 Primary Smelting and Refining of Lead**

Establishments primarily engaged in smelting lead from the ore, and in refining lead by any process. Establishments primarily engaged in rolling, drawing, or extruding lead are classified in Industry 3356.

|   |                                       |
|---|---------------------------------------|
| Antifriction bearing metals, lead-base :<br>primary         | Lead smelting and refining, primary   |
| Babbitt metal, primary                                      | Primary smelting and refining of lead |
| Lead pigs, blocks, ingots, and refinery<br>shapes : primary | Slabs, lead : primary                 |

**3333 Primary Smelting and Refining of Zinc**

Establishments primarily engaged in smelting zinc from the ore, and in refining zinc by any process. Establishments primarily engaged in rolling, drawing, or extruding zinc are classified in Industry 3356.

|                                       |                         |
|---------------------------------------|-------------------------|
| Blocks, zinc                          | Slabs, zinc : primary   |
| Ingots, zinc                          | Spelter (zinc), primary |
| Pigs, zinc                            | Zinc dust, primary      |
| Primary smelting and refining of zinc |                         |

**3334 Primary Production of Aluminum**

Establishments primarily engaged in producing aluminum from alumina, and in refining aluminum by any process. Establishments primarily engaged in rolling, drawing, or extruding aluminum are classified in Industries 3353, 3354, and 3355.

|   |                           |
|---|---------------------------|
| Aluminum ingots and primary produc-<br>tion shapes, from bauxite or alumina | Pigs, aluminum            |
| Extrusion ingot, aluminum : primary   | Slabs, aluminum : primary |

**3339 Primary Smelting and Refining of Nonferrous Metals, Not Elsewhere Classified**

Establishments primarily engaged in smelting and refining nonferrous metals, not elsewhere classified. Establishments primarily engaged in rolling, drawing, and extruding these nonferrous primary metals are classified in Industry 3356, and the production of bullion at the site of the mine is classified in the mining industries.

|   |   |
|---|---|
| Antimony refining, primary  | Primary smelting of nonferrous metal :<br>except copper, lead, zinc, aluminum       |
| Beryllium metal   | Refining of nonferrous metal, primary :<br>except copper, lead, zinc, aluminum      |
| Bismuth refining, primary   | Rhenium refining, primary   |
| Cadmium refining, primary   | Selenium refining, primary  |
| Chromium refining, primary  | Silicon, epitaxial (silicon alloy)  |
| Cobalt refining, primary  | Silicon, pure   |
| Columbium refining, primary   | Silicon refining, primary (over 99%<br>pure)  |
| Germanium refining, primary   | Silver refining, primary  |
| Gold refining, primary  | Slabs, magnesium : primary  |
| Ingots, magnesium   | Smelting of nonferrous metal, pri-<br>mary : except copper, lead, zinc,<br>aluminum |
| Iridium refining, primary   | Tantalum refining   |
| Magnesium refining, primary   | Tellurium refining, primary   |
| Nickel refining, primary  | Tin base alloys, primary  |
| Nonferrous refining, primary : except<br>copper, lead, zinc, and aluminum     | Tin refining, primary   |
| Nonferrous smelting, primary : except<br>copper, lead, zinc, and aluminum     | Titanium metal sponge and granules  |
| Pigs, magnesium   | Zirconium metal, sponge and granules  |
| Platinum-group metals refining, pri-<br>mary                                  |   |
| Precious metal refining, primary  |   |
| Primary refining of nonferrous metal :<br>except copper, lead, zinc, aluminum |   |

**334 SECONDARY SMELTING AND REFINING OF NONFERROUS METALS**

**3341 Secondary Smelting and Refining of Nonferrous Metals**

Establishments primarily engaged in recovering nonferrous metals and alloys from new and used scrap and dross. This industry includes establishments engaged in both the recovery and alloying of precious metals. Plants engaged in the recovery of tin through secondary smelting and refining, as well as by chemical processes, are included in this industry. Establishments primarily engaged in assembling, sorting, and breaking up scrap metal, without smelting and refining, are classified in trade industries.



Group No. 334 Industry No.

**SECONDARY SMELTING AND REFINING OF NONFERROUS METALS—Con.**

**3341 Secondary Smelting and Refining of Nonferrous Metals—Continued**

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>Aluminum extrusion ingot, secondary</li> <li>Aluminum smelting and refining, secondary</li> <li>Antimonial lead refining, secondary</li> <li>Babbitt metal, secondary smelting and refining</li> <li>Brass smelting and refining, secondary</li> <li>Bronze smelting and refining, secondary</li> <li>Copper smelting and refining, secondary</li> <li>Detinning of cans</li> <li>Detinning of scrap</li> <li>Germanium refining, secondary</li> <li>Gold smelting and refining, secondary</li> <li>Ingot, nonferrous: smelting and refining—secondary</li> <li>Iridium smelting and refining, secondary</li> <li>Lead smelting and refining, secondary</li> <li>Magnesium smelting and refining, secondary</li> </ul> | <ul style="list-style-type: none"> <li>Nickel smelting and refining, secondary</li> <li>Nonferrous metal smelting and refining, secondary</li> <li>Platinum-group metals smelting and refining, secondary</li> <li>Precious metal smelting and refining, secondary</li> <li>Recovering and refining of nonferrous metals</li> <li>Recovery of silver from used photographic film</li> <li>Secondary refining and smelting of nonferrous metals</li> <li>Selenium refining, secondary</li> <li>Silver smelting and refining, secondary</li> <li>Solder (base metal), pig and ingot: secondary</li> <li>Tin smelting and refining, secondary</li> <li>Zinc dust, reclaimed</li> <li>Zinc smelting and refining, secondary</li> </ul> |
|---|--|

335

**ROLLING, DRAWING, AND EXTRUDING OF NONFERROUS METALS**

**3351 Rolling, Drawing, and Extruding of Copper**

Establishments primarily engaged in rolling, drawing, and extruding copper, brass, bronze, and other copper base alloy basic shapes, such as plate, sheet, strip, bar, and tubing. Establishments primarily engaged in recovering copper and its alloys from scrap or dross are classified in Industry 3341.

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>Bands, shell: copper and copper alloy—made in copper rolling mills</li> <li>Bars, copper and copper alloy</li> <li>Brass rolling and drawing</li> <li>Bronze rolling and drawing</li> <li>Cartridge cups, discs, and sheets: copper and copper alloy</li> <li>Cups, primer and cartridge: copper and copper alloy</li> <li>Extruded shapes, copper and copper alloy</li> <li>Pipe, extruded and drawn: brass, bronze, and copper</li> <li>Plates, copper and copper alloy</li> <li>Primer cups, copper and copper alloy</li> </ul> | <ul style="list-style-type: none"> <li>Rails, rolled and drawn: brass, bronze, and copper</li> <li>Rods, copper and copper alloy</li> <li>Rolling, drawing, and extruding of copper and copper alloys</li> <li>Rotating bands, copper and copper alloy</li> <li>Sheets, copper and copper alloy</li> <li>Shell discs, copper and copper alloy</li> <li>Slugs, copper and copper alloy</li> <li>Strip, copper and copper alloy</li> <li>Tubing, copper and copper alloy</li> <li>Wire, copper and copper alloy: made in brass mills</li> </ul> |
|---|---|

**3353 Aluminum Sheet, Plate, and Foil**

Establishments primarily engaged in flat rolling aluminum and aluminum base alloy basic shapes such as sheet, plate, and foil, including establishments producing welded tube. Also included are establishments primarily producing similar products by continuous casting.

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>Coils, sheet: aluminum</li> <li>Foil, plain aluminum</li> <li>Plates, aluminum</li> </ul> | <ul style="list-style-type: none"> <li>Sheets, aluminum</li> <li>Tubes, welded: aluminum</li> </ul> |
|--|---|

**3354 Aluminum Extruded Products**

Establishments primarily engaged in extruding aluminum and aluminum base alloy basic shapes such as rod and bar, pipe and tube, and tube blooms, including establishments producing tube by drawing.

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>Bars, aluminum: extruded</li> <li>Coils, rod: aluminum—extruded</li> <li>Extruded shapes, aluminum</li> <li>Pipe, aluminum: extruded</li> </ul> | <ul style="list-style-type: none"> <li>Rods, aluminum: extruded</li> <li>Tube, aluminum: extruded or drawn</li> <li>Tube blooms, aluminum: extruded</li> </ul> |
|--|--|

Group Industry  
No. No.

**335 ROLLING, DRAWING, AND EXTRUDING OF NONFERROUS METALS—Continued**

**3355 Aluminum Rolling and Drawing, Not Elsewhere Classified**

Establishments primarily engaged in rolling, drawing, and other operations resulting in the production of aluminum ingot, including extrusion ingot, and aluminum and aluminum base alloy basic shapes, not elsewhere classified, such as rolled and continuous cast rod and bar. Establishments primarily engaged in producing aluminum powder, flake and paste are classified in Industry 3399, and those producing aluminum wire and cable from purchased wire bars, rods, or wire are classified in Industry 3357.

Bars, aluminum: rolled  
Cable, aluminum: made in rolling mills  
Coils, wire: aluminum—made in rolling mills  
Extrusion ingot, aluminum: made in rolling mills

Ingot, aluminum: made in rolling mills  
Ralls, aluminum: rolled and drawn  
Rods, aluminum: rolled  
Slugs, aluminum  
Structural shapes, rolled aluminum  
Wire, aluminum: made in rolling mills

**3356 Rolling, Drawing, and Extruding of Nonferrous Metals, Except Copper and Aluminum**

Establishments primarily engaged in rolling, drawing, and extruding nonferrous metals other than copper (Industry 3351), and aluminum (Industries 3353, 3354, and 3355). The products of this industry are produced in the form of basic shapes such as plate, sheet, strip, bar, and tubing. Establishments primarily engaged in recovering nonferrous metals and alloys from scrap or dross are classified in Industry 3341; in manufacturing gold, silver, tin, and other foils except aluminum in Industry 3497; and aluminum foil in Industry 3353.

Battery metal  
Britannia metal, rolling and drawing  
Extruded shapes, nonferrous metals and alloys, except copper and aluminum  
Gold and gold alloy bars, sheets, strip, and tubing  
Gold rolling and drawing  
Lead and lead alloy bars, pipe, plates, rods, sheets, strip, and tubing  
Lead rolling, drawing, and extruding  
Magnesium and magnesium alloy bars, rods, shapes, sheets, strip and tubing  
Magnesium rolling, drawing, and extruding  
Nickel and nickel alloy pipe, plates, sheets, strips, and tubing  
Nonferrous rolling, drawing, and extruding: except copper and aluminum  
Platinum and platinum alloy sheets and tubing

Platinum-group metals rolling, drawing, and extruding  
Silver and silver alloy bars, rods, sheets, strip, and tubing  
Silver rolling and drawing  
Solder wire, bar: acid core and rosin core  
Tin and tin alloy bars, pipe, rods, sheets, strip, and tubing  
Tin rolling and drawing  
Titanium and titanium alloy bars, rods, billets, sheets, strip, and tubing  
Titanium from sponge  
Tungsten basic shapes  
Welding rods  
Wire, nonferrous except copper and aluminum: made in rolling mills  
Zinc and zinc alloy bars, plates, pipe, rods, sheets, tubing, wire, etc.  
Zinc rolling, drawing, and extruding  
Zirconium and zirconium alloy bars, rods, billets, sheets, strip, tubing

**3357 Drawing and Insulating of Nonferrous Wire**

Establishments primarily engaged in drawing, drawing and insulating, and insulating wire and cable of nonferrous metals from purchased wire bars, rods, or wire.

Automotive and aircraft wire and cable, nonferrous  
Cable, nonferrous: bare, insulated, or armored—*m/fpm*  
Coaxial cable, nonferrous  
Communication wire and cable, nonferrous

Magnet wire, insulated  
Shipboard cable, nonferrous  
Signal and control cable, nonferrous  
Weatherproof wire and cable, nonferrous  
Wire, nonferrous: bare, insulated, or armored—*m/fpm*

Group No. 336 Industry No.

### NONFERROUS FOUNDRIES (CASTINGS)

This group includes establishments primarily engaged in manufacturing castings and die castings of aluminum, brass, bronze and other nonferrous metals and alloys. These establishments generally operate on a job or order basis, manufacturing castings for sale to others or for interplant transfer. Establishments which produce nonferrous castings and which are also engaged in fabricating operations, such as machining, assembling, etc., in manufacturing a specified product are classified in the industry of the specified product. Nonferrous castings are made to a considerable extent by establishments classified in other industries that operate foundry departments for the production of castings for incorporation, in the same establishment, into such products as machinery, motor vehicles, etc. Establishments primarily engaged in manufacturing iron and steel castings are classified in Group 332.

#### 3361 Aluminum Foundries (Castings)

Establishments primarily engaged in manufacturing castings and die castings of aluminum and aluminum-base alloys.

Aluminum and aluminum-base alloy castings and die castings  
Castings, aluminum  
Cooking utensils, cast aluminum  
Die castings, aluminum  
Foundries, aluminum

Hospital utensils, cast aluminum  
Household utensils, cast aluminum  
Kitchen utensils, cast aluminum  
Machinery castings, aluminum  
Pressure cookers, domestic: cast aluminum

#### 3362 Brass, Bronze, Copper, Copper Base Alloy Foundries (Castings)

Establishments primarily engaged in manufacturing castings and die castings of copper and copper base alloy.

Bushings and bearings: brass, bronze, copper (nonmachined)  
Castings: brass, bronze, copper, and copper base alloy  
Copper and copper base alloy castings and die castings  
Die castings: brass, bronze, copper, and copper base alloy

Foundries: brass, bronze, copper, and copper base alloy  
Machinery castings: brass, copper, and copper base alloy  
Propellers, ship and screw: cast brass, bronze, copper and copper base

#### 3369 Nonferrous Foundries (Castings), Not Elsewhere Classified

Establishments primarily engaged in manufacturing castings and die castings of nonferrous materials except aluminum, copper, and copper base alloys.

Beryllium castings  
Castings, nonferrous metal except aluminum, copper, and copper base alloy  
Castings, precision: industrial and aircraft use—cobalt-chromium  
Die castings, nonferrous metal except aluminum, copper, and copper alloys  
Foundries, nonferrous metals: except aluminum, copper, and copper alloys

Lead wheel balancing weights  
Machinery castings, nonferrous except aluminum, copper, and copper alloys  
Magnesium castings and die castings  
Sash balances, lead  
Titanium and titanium alloy castings  
White metal castings (lead, antimony, tin)  
Zinc die castings

### 339 MISCELLANEOUS PRIMARY METAL PRODUCTS

#### 3398 Metal Heat Treating

Establishments primarily engaged in heat treating of metal for the trade.

Annealing of metal for the trade  
Brazing (hardening) metal for the trade  
Burning metal for the trade  
Hardening of metal for the trade  
Heat treating of metal for the trade

Shot peening—treating steel to reduce fatigue  
Stainless steel, brazing (hardening) for the trade  
Tempering of metal for the trade

Group Industry  
No. No.

**339 MISCELLANEOUS PRIMARY METAL PRODUCTS—Continued**

**3399 Primary Metal Products, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing primary metal products, not elsewhere classified, such as nonferrous nails, brads, and spikes, and metal powder, flakes, and paste.

Aluminum atomized powder  
Balls, steel  
Brads: aluminum, brass, and other  
nonferrous metal and wire  
Flakes, metal  
Iron, powdered  
Laminating steel for the trade  
Nails: aluminum, brass, and other non-  
ferrous metal and wire  
Paste, metal  
Powder, metal: except artists' mate-  
rials

Reclaiming ferrous metals from clay  
Recovery of iron ore from open hearth  
slag  
Silver powder, except artists' materials  
Spikes, aluminum and other non-  
ferrous metal and wire  
Staples, brass and other nonferrous  
metal and wire  
Tacks, brass and other nonferrous  
metal and wire  
Thermite

## Major Group 34.—FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND TRANSPORTATION EQUIPMENT

### *The Major Group as a Whole*

This major group includes establishments engaged in fabricating ferrous and nonferrous metal products such as metal cans, tinware, hand tools, cutlery, general hardware, nonelectric heating apparatus, fabricated structural metal products, metal forgings, metal stampings, ordnance (except vehicles and guided missiles), and a variety of metal and wire products not elsewhere classified. Certain important segments of the metal fabricating industries are classified in other major groups, such as machinery in Major Groups 35 and 36; transportation equipment, including tanks, in Major Group 37; professional scientific and controlling instruments, watches and clocks in Major Group 38; and jewelry and silverware in Major Group 39. Establishments primarily engaged in producing ferrous and nonferrous metals and their alloys are classified in Major Group 33.

No. No.  
Group Industry

### 341 METAL CANS AND SHIPPING CONTAINERS

#### 3411 Metal Cans

Establishments primarily engaged in manufacturing metal cans from purchased materials. Establishments primarily engaged in manufacturing foil containers are classified in 3497.

|   |                                     |
|---|-------------------------------------|
| Beer cans, metal                          | Milk cans, metal                    |
| Cans, aluminum                            | Oil cans, metal                     |
| Cans, metal                               | Packers' cans, metal                |
| Containers, metal: food, milk, oil, beer, | Pails, except shipping and stamped: |
| general line                              | metal                               |
| Food containers, metal                    | Pans, tinned                        |
| General line cans, metal                  | Tin cans                            |
| Ice cream cans, metal                     |                                     |

#### 3412 Metal Shipping Barrels, Drums, Kegs, and Pails

Establishments primarily engaged in manufacturing ferrous and nonferrous metal shipping barrels, drums, kegs, and pails.

|  |   |
|--|---|
| Containers, shipping: barrels, kegs,   | Fluid milk shipping containers, steel   |
| drums, packages—liquid tight           | or other metal                          |
| (metal)                                | Milk (fluid) shipping containers, steel |
| Drums, shipping: steel and other metal | or other metal                          |
|  | Pails, shipping: metal—except tinned    |

### 342 CUTLERY, HAND TOOLS, AND GENERAL HARDWARE

#### 3421 Cutlery

Establishments primarily engaged in manufacturing cutlery. Establishments primarily engaged in manufacturing table cutlery made entirely of metal are classified in Industry 3914; those manufacturing electric razors in Industry 3634; and those manufacturing hair clippers for human use in Industry 3999, and for animal use in Industry 3523.

|   |   |
|---|---|
| Barbers' scissors                       | Knives: butchers', hunting, pocket,     |
| Blades, knife and razor                 | table, etc.—except all metal and elec-  |
| Butchers' knives                        | tric                                    |
| Carving sets: except stainless, silver, | Potato peelers, hand                    |
| silver plated, or other all metal       | Razors: safety, straight                |
| Cleavers                                | Safety razor blades                     |
| Clippers, fingernail and toenail        | Shears, hand: barbers', manicure, pedi- |
| Cutlery, except all metal               | cure, tailors', and household           |
| Forks, table: except all metal          | Shears, metal cutting: hand             |
| Hedge shears and trimmers, except       | Snips, tinners'                         |
| power                                   | Swords                                  |
| Kitchen cutlery                         | Table cutlery, except all metal         |
| Knife blades                            | Tailors' scissors                       |
| Knife blanks                            |   |

Group Industry  
No. No.

**342 CUTLERY, HAND TOOLS, AND GENERAL HARDWARE—Continued**

**3423 Hand and Edge Tools, Except Machine Tools and Hand Saws**

Establishments primarily engaged in manufacturing files and other hand and edge tools for metalworking, woodworking, and general maintenance. Establishments primarily engaged in manufacturing saws are classified in Industry 3425; and metal cutting dies, power driven hand tools, and attachments and accessories for machine tools in Major Group 35.

|  |   |
|--|---|
| Adzes  | Machetes  |
| Awls   | Machine knives, except metal cutting            |
| Axes   | Masons' hand tools                              |
| Bits (edge tools for woodworking)                                      | Mattocks (hand tools)                           |
| Blow torches   | Mauls, metal (hand tools)                       |
| Calking guns   | Mechanics' hand tools                           |
| Calking tools, hand  | Mitre boxes, metal                              |
| Can openers, except electric   | Peavies (hand tools)                            |
| Cane knives  | Picks (hand tools)                              |
| Cant hooks (hand tools)  | Planes, woodworking: hand                       |
| C-clamps   | Pliers (hand tools)                             |
| Chisels  | Plumbers' hand tools                            |
| Corn knives  | Post hole diggers, hand                         |
| Counterbores and countersinking bits, woodworking                      | Pruning tools                                   |
| Countersinks   | Prying bars (hand tools)                        |
| Cutters, glass   | Pullers: wheel, gear, and bearing (hand tools)  |
| Cutting dies: except metal cutting, biscuit cutting, and paper cutting | Punches (hand tools)                            |
| Drawknives   | Putty knives                                    |
| Drill bits, woodworking  | Rasps, including recutting and re-sharpening    |
| Edge tools for woodworking: augers, bits, gimlets, countersinks, etc.  | Rules and rulers, metal                         |
| Engravers' tools, hand   | Scoops, hand: metal                             |
| Fence stretchers (hand tools)  | Scrapers, woodworking: hand                     |
| Files, including recutting and re-sharpening                           | Screw drivers                                   |
| Forks: garden, hay and manure, stone and ballast                       | Scythes   |
| Garden hand tools  | Shovels, hand                                   |
| Gauges, woodworking  | Sickies, hand                                   |
| Grass hooks  | Sledges (hand tools)                            |
| Guns, calking  | Soldering guns and tools, hand: electric        |
| Hammers (hand tools)   | Soldering iron tips and tippets                 |
| Hatchets   | Soldering irons and coppers                     |
| Hay knives   | Spades, hand                                    |
| Hoes, garden and masons'   | Stone forks (hand tools)                        |
| Hooks: bush, grass, baling, and husking                                | Stonecutters' hand tools                        |
| Ironworkers' hand tools  | Strapping tools, steel                          |
| Jacks: lifting, screw, and ratchet (hand tools)                        | Test plugs: plumbers' hand tools                |
| Jewelers' hand tools   | Tinners' hand tools, except snips               |
| Knives, agricultural and industrial                                    | Tongs, oyster                                   |
| Leaf skimmers and swimming pool rakes                                  | Tools and equipment for use with sporting arms  |
| Levels, carpenters'  | Tools, hand: except power driven tools and saws |
|  | Trowels   |
|  | Vises, carpenters'                              |
|  | Wrenches (hand tools)                           |

**3425 Hand Saws and Saw Blades**

Establishments primarily engaged in manufacturing hand saws and saw blades for hand and power driven saws. Establishments primarily engaged in manufacturing power driven sawing machines are classified in Major Group 35.

|                                    |  |
|------------------------------------|--|
| Chain type saw blades              | Saws, hand: metalworking or wood-working |
| Saw blades, for hand or power saws |  |

Group Industry  
No. No.  
342

## CUTLERY, HAND TOOLS, AND GENERAL HARDWARE—Continued

### 3429 Hardware, Not Elsewhere Classified

Establishments primarily engaged in manufacturing miscellaneous metal products usually termed "hardware", not elsewhere classified. Establishments primarily engaged in manufacturing bolts and nuts are classified in Industry 3452, nails and spikes in Major Group 33, cutlery in Industry 3421, hand tools in Industry 3423, and pole line and transmission hardware in Major Group 36.

|  |  |
|--|--|
| Andirons   | Key blanks   |
| Angle irons, hardware                                | Keys   |
| Animal traps, iron and steel: except wire            | Ladder jacks, metal  |
| Bellows, hand  | Luggage hardware   |
| Brackets, iron and steel                             | Luggage racks, car top   |
| Builders' hardware, including locks and lock sets    | Marine hardware  |
| Cabinet hardware, including locks and lock sets      | Metal fasteners, spring and cold rolled steel, not made in rolling mills |
| Car seals, metal                                     | Motor vehicle hardware   |
| Casket hardware                                      | Nozzles, fire fighting   |
| Casters, industrial                                  | Nut crackers and pickers, metal  |
| Chain fittings                                       | Organ hardware   |
| Chair glides   | Padlocks   |
| Clamps, hose   | Parachute hardware   |
| Clamps, metal  | Piano hardware   |
| Couplings, hose                                      | Pulleys, metal: except power transmission equipment                      |
| Crab traps, steel: except wire                       | Rope fittings  |
| Cuffs, leg: iron                                     | Saddlery hardware  |
| Door bolts and checks                                | Suitcase hardware, including locks                                       |
| Door locks and lock sets                             | Tackle blocks, metal   |
| Dzus fasteners                                       | Thimbles, wire rope  |
| Fireplace equipment (hardware)                       | Time locks   |
| Furniture hardware, including casters                | Trimnings, trunk: metal  |
| Handcuffs  | Trunk hardware, including locks  |
| Harness hardware                                     | Turnbuckles  |
| Hinge tubes  | Utility carriers, car top  |
| Hinges   | Vacuum bottles and jugs  |
| Horse bits   | Vehicle hardware: aircraft, automobile, railroad, etc.                   |
| Ice chests or coolers, portable: except foam plastic |  |

## 343 HEATING EQUIPMENT, EXCEPT ELECTRIC AND WARM AIR; AND PLUMBING FIXTURES

### 3431 Enameled Iron and Metal Sanitary Ware

Establishments primarily engaged in manufacturing enameled iron, cast iron, or pressed metal sanitary ware. Establishments primarily engaged in manufacturing vitreous and semivitreous pottery sanitary ware are classified in Industry 3261; and those manufacturing porcelain enameled kitchen, household, and hospital ware in Industry 3469.

|  |  |
|--|--|
| Bathroom fixtures: enameled iron, cast iron, and pressed metal | Portable chemical toilets (metal)                            |
| Bathtubs: enameled iron, cast iron, and pressed metal          | Shower stalls, metal   |
| Drinking fountains, except mechanically refrigerated: metal    | Sinks: enameled iron, cast iron, and pressed metal           |
| Flush tanks, metal   | Toilet fixtures: enameled iron, cast iron, and pressed metal |
| Laundry tubs, enameled iron and other metal                    | Urinals: enameled iron, cast iron, and pressed metal         |
| Lavatories, enameled iron and other metal                      | Water closets: enameled iron, cast iron, and pressed metal   |
| Plumbing fixtures: enameled iron, cast iron, and pressed metal |  |

Group Industry  
No. No.

**343 HEATING EQUIPMENT, EXCEPT ELECTRIC AND WARM AIR; AND PLUMBING FIXTURES—Continued**

**3432 Plumbing Fixture Fittings and Trim (Brass Goods)**

Establishments primarily engaged in manufacturing plumbing fixture fittings and trim (brass goods). Establishments primarily engaged in the manufacture of steam or water line valves are classified in Industry 3494.

|                             |  |
|-----------------------------|--|
| Backflow preventors         | Nozzles, plumbers'                               |
| Brass goods, plumbers'      | Plumbers' brass goods                            |
| Breakers, vacuum: plumbing  | Plumbing fixture fittings and trim (brass goods) |
| Bubblers, drinking fountain | Sanitary pipe fittings (brass goods)             |
| Cocks, drain                | Shower rods                                      |
| Drains, plumbers'           | Spigots, metal                                   |
| Faucets, metal              | Sprinklers, lawn                                 |
| Flush valves                | Stopcocks (plumbers' supplies)                   |
| Interceptors, plumbers'     | Water traps                                      |
| Nozzles, lawn hose          |  |

**3433 Heating Equipment, Except Electric and Warm Air Furnaces**

Establishments primarily engaged in manufacturing heating equipment, except electric and warm air furnaces, including gas, oil, and stoker coal fired equipment for the automatic utilization of gaseous, liquid, and solid fuels. Establishments primarily engaged in manufacturing warm air furnaces are classified in Industry 3585; cooking stoves and ranges in Industry 3631; boiler shops primarily engaged in the production of industrial, power and marine boilers in Industry 3443; and industrial process furnaces and ovens in Industry 3567.

|   |   |
|---|---|
| Bollers, low-pressure heating: steam or hot water | Logs, fireplace: gas                                |
| Furnaces, domestic: steam or hot water            | Oil burners, domestic and industrial                |
| Gas burners, domestic                             | Radiators, except electric                          |
| Gas heaters, room                                 | Range boilers, galvanized iron and nonferrous metal |
| Gas infra-red heating units                       | Room heaters, except electric                       |
| Gas-oil burners, combination                      | Salamanders, coke and gas burning                   |
| Heaters, space: except electric                   | Solar heaters                                       |
| Heaters, swimming pool: oil or gas                | Space heaters, except electric                      |
| Heating apparatus, except electric or warm air    | Stokers, mechanical: domestic and industrial        |
| Incinerators, metal: domestic and commercial      | Stoves, household: heating—except electric          |
| Kerosene space heaters                            | Unit heaters, domestic: except electric             |
|   | Wall heaters, except electric                       |

**344 FABRICATED STRUCTURAL METAL PRODUCTS**

**3441 Fabricated Structural Metal**

Establishments primarily engaged in manufacturing fabricated iron and steel or other metal for structural purposes, such as bridges, buildings, and sections for ships, boats and barges. Establishments primarily engaged in manufacturing metal doors, sash, frames, molding, and trim are classified in Industry 3442; and establishments doing fabrication work at the site of construction are classified in Division C.

|  |  |
|--|--|
| Barge sections, prefabricated metal                  | Radio and television towers  |
| Bridge sections, highway: prefabricated              | Railway bridge sections, prefabricated                                     |
| Expansion joints: iron and steel (structural shapes) | Ship sections, prefabricated metal   |
| Floor jacks, metal                                   | Steel joists, open web: long-span series                                   |
| Floor posts, adjustable: metal                       | Steel tri-level railroad car racks (for transporting motor vehicles, etc.) |
| Gates, dam: metal plate                              | Structural steel, fabricated   |
| Highway bridge sections, prefabricated               | Television towers  |
| Joists, open web steel: long-span series             | Towers, transmission   |



Group  
No. 344

Industry  
No. FABRICATED STRUCTURAL METAL PRODUCTS—Continued  
3442 Metal Doors, Sash, Frames, Molding, and Trim

Establishments primarily engaged in manufacturing ferrous and nonferrous metal and metal covered doors and sash, window and door frames and screens, molding, and trim.

|  |   |
|--|---|
| <ul style="list-style-type: none"> <li>Baseboards, floor: metal</li> <li>Casements, aluminum</li> <li>Door frames and sash, metal</li> <li>Doors, louver: all metal or metal frame</li> <li>Doors, metal and metal covered</li> <li>Fire doors, metal and metal covered</li> <li>Garage doors, overhead: metal</li> <li>Hangar doors, sheet metal covered</li> <li>Jalousies, all metal or metal frame</li> <li>Louver windows, all metal or metal frame</li> <li>Moldings and trim, metal and metal covered: except automobile</li> <li>Rolling doors for industrial buildings and warehouses, metal</li> </ul> | <ul style="list-style-type: none"> <li>Screen doors, metal</li> <li>Screens, door and window: metal frame</li> <li>Shutters, door and window: metal and metal covered</li> <li>Store fronts, prefabricated: metal, except vitreous enameled</li> <li>Storm doors and windows, metal</li> <li>Trim and molding, except automobile: metal and metal covered</li> <li>Weather strip, metal</li> <li>Window frames and sash, metal and metal covered</li> </ul> |
|--|---|

3443 Fabricated Plate Work (Boiler Shops)

Establishments primarily engaged in manufacturing power and marine boilers, pressure and nonpressure tanks, processing and storage vessels, heat exchangers, weldments and similar products by the process of cutting, forming and joining metal plates, shapes, bars, sheet, pipe mill products and tubing to custom or standard design for factory or field assembly. Establishments primarily engaged in manufacturing warm air heating furnaces are classified in Industry 3685, other nonelectric heating apparatus except power boilers in Industry 3433, and household cooking apparatus in Industry 3631.

|  |   |
|--|---|
| <ul style="list-style-type: none"> <li>Absorbers, gas</li> <li>Accumulators (industrial pressure vessels)</li> <li>Acetylene cylinders</li> <li>Aftercooler shells</li> <li>Aftercoolers, steam jet</li> <li>Air preheaters, nonrotating: plate type</li> <li>Air receiver tanks, metal plate</li> <li>Airlocks</li> <li>Annealing boxes, pots, and covers</li> <li>Atomic waste casks</li> <li>Autoclaves, industrial</li> <li>Baffles</li> <li>Balls, ladle</li> <li>Bins, prefabricated metal plate</li> <li>Boiler shop products: industrial boilers, smokestacks, and steel tanks</li> <li>Boilers: industrial, power, and marine</li> <li>Boxes, condenser: metal plate</li> <li>Breechings, metal plate</li> <li>Buoys, metal</li> <li>Cable trays, metal plate</li> <li>Caissons, metal plate</li> <li>Cars, for hot metal</li> <li>Casing, boiler: metal plate</li> <li>Casings, scroll</li> <li>Chutes, metal plate</li> <li>Condensers, barometric</li> <li>Condensers, steam</li> <li>Containers, shipping: metal plate (bombs, etc.)—except missile casings</li> <li>Cooling towers, metal plate</li> <li>Cryogenic tanks, for liquids and gases: metal plate</li> <li>Culverts, metal plate</li> <li>Cupolas, metal plate</li> <li>Cyclones, industrial: metal plate</li> <li>Cylinders, pressure: metal plate</li> <li>Digesters, process: metal plate</li> <li>Ducting, metal plate</li> <li>Economisers (boilers)</li> <li>Evaporators (process vessels), metal plate</li> <li>Exchangers, heat: industrial, scientific, and nuclear</li> </ul> | <ul style="list-style-type: none"> <li>Farm storage tanks, metal plate</li> <li>Fermenters (process vessels), metal plate</li> <li>Floating covers, metal plate</li> <li>Flumes, metal plate</li> <li>Forms, collapsible: for tunnels</li> <li>Fractionating columns, metal plate</li> <li>Fuel tanks, metal plate</li> <li>Fumigating chambers, metal plate</li> <li>Gas holders, metal plate</li> <li>Gas tanks, metal plate</li> <li>Heat transfer drives (finned tubing)</li> <li>High vacuum coaters, metal plate</li> <li>Hoods, industrial: metal plate</li> <li>Hooks, crane: laminated plate</li> <li>Hoppers, metal plate</li> <li>Housing cabinets for radium, metal plate</li> <li>Housings, pressure</li> <li>Hydropneumatic tanks, metal plate</li> <li>Intercooler shells</li> <li>Jackets, industrial: metal plate</li> <li>Kettles (process vessels), metal plate</li> <li>Knockouts, free water: metal plate</li> <li>Ladles, metal plate</li> <li>Liners, industrial: metal plate</li> <li>Liquid oxygen tanks, metal plate</li> <li>Melting pots, for metal</li> <li>Missile silos and components, metal plate</li> <li>Mixers, for hot metal</li> <li>Nuclear core structurals, metal plate</li> <li>Nuclear shielding, metal plate</li> <li>Oil storage tanks, metal plate</li> <li>Penstocks, metal plate</li> <li>Perforating on heavy metal</li> <li>Pile shells, metal plate</li> <li>Pipe, large diameter: metal plate—made by plate fabricators</li> <li>Plate work, fabricated: cutting, punching, bending, and shaping</li> <li>Precipitators (process vessels), metal plate</li> <li>Pressure vessels, industrial: metal plate—made in boiler shops</li> </ul> |
|--|---|

Group Industry  
No. No.

**344 FABRICATED STRUCTURAL METAL PRODUCTS—Continued**

**3443 Fabricated Plate Work (Boiler Shops)—Continued**

|   |   |
|---|---|
| <p>Pressurizers and auxiliary equipment, nuclear: metal plate<br/>         Reactor containment vessels, metal plate<br/>         Reactors, nuclear: military and industrial<br/>         Retorts, industrial<br/>         Rocket casings<br/>         Separators, industrial process: metal plate<br/>         Septic tanks, metal plate<br/>         Skid tanks, metal plate<br/>         Smelting pots and retorts<br/>         Smokestacks, boiler plate<br/>         Space simulation chambers, metal plate<br/>         Spheres, for liquids or gas: metal plate<br/>         Standpipes<br/>         Steam jet aftercoolers<br/>         Steam jet inter condensers<br/>         Sterilizing chambers, metal plate<br/>         Stills, pressure: metal plate</p> | <p>Storage tanks, metal plate<br/>         Surge tanks, metal plate<br/>         Tanks for tank trucks, metal plate<br/>         Tanks, metal plate: lined<br/>         Tanks, standard and custom fabricated: metal plate—made in boiler shops<br/>         Towers: bubble, cooling, fractionating—metal plate<br/>         Towers, tank: metal plate<br/>         Trash racks, metal plate<br/>         Troughs, industrial: metal plate<br/>         Truss plates, metal<br/>         Tunnel lining, metal plate<br/>         Tunnels, vacuum: metal plate<br/>         Tunnels, wind<br/>         Vacuum tanks, metal plate<br/>         Vats, metal plate<br/>         Vessels, process and storage: metal plate (made in boiler shops)<br/>         Water tanks, metal plate<br/>         Weldments</p> |
|---|---|

**3444 Sheet Metal Work**

Establishments primarily engaged in manufacturing sheet metal work for buildings (not including fabrication work done by construction contractors at the place of construction), and manufacturing sheet metal stovepipes, light tanks, etc.

|   |   |
|---|---|
| <p>Air cowls, scoops, or airports (ship ventilators), sheet metal<br/>         Awnings, sheet metal<br/>         Bins, prefabricated: sheet metal<br/>         Booths, spray: prefabricated sheet metal<br/>         Canopies, sheet metal<br/>         Casings, sheet metal<br/>         Coal chutes, prefabricated sheet metal<br/>         Cooling towers, sheet metal<br/>         Cornices, sheet metal<br/>         Culverts, sheet metal<br/>         Curtain walls, sheet metal<br/>         Door hoods, aluminum<br/>         Downspouts, sheet metal<br/>         Ducts, sheet metal<br/>         Eaves, sheet metal<br/>         Elbows, for conductor pipe, hot air ducts, stovepipe, etc.: sheet metal<br/>         Flooring, cellular steel<br/>         Flues, stove and furnace: sheet metal<br/>         Flumes, sheet metal<br/>         Forming machine work for the trade, except stampings: sheet metal<br/>         Forms for concrete, sheet metal<br/>         Furnace casings, sheet metal<br/>         Furnace flues, sheet metal</p> | <p>Guard rails, highway: sheet metal<br/>         Gutters, sheet metal<br/>         Hoods, range: sheet metal<br/>         Hoppers, sheet metal<br/>         Irrigation pipe, sheet metal<br/>         Laundry hampers, sheet metal<br/>         Machine guards, sheet metal<br/>         Mail chutes, sheet metal<br/>         Mail collection or storage boxes, sheet metal<br/>         Pile shells, sheet metal<br/>         Pipe, sheet metal<br/>         Post office collection boxes<br/>         Radiator shields and enclosures, sheet metal<br/>         Restaurant sheet metal work<br/>         Roof deck, sheet metal<br/>         Sheet metal specialties, not stamped<br/>         Siding, sheet metal<br/>         Skylights, sheet metal<br/>         Spouts, sheet metal<br/>         Stove boards, sheet metal<br/>         Stove pipe and flues, sheet metal<br/>         Vats, sheet metal<br/>         Ventilators, sheet metal<br/>         Wells, light: sheet metal</p> |
|---|---|

**3446 Architectural and Ornamental Metal Work**

Establishments primarily engaged in manufacturing architectural and ornamental metal work of ferrous and nonferrous metals, such as stairs and staircases, open steel flooring (grating), fire escapes, grilles, railings, and fences and gates, except those made from wire. Establishments primarily engaged in manufacturing prefabricated and portable metal buildings and parts are classified in Industry 3448, and miscellaneous metal work in Industry 3449.

|  |   |
|--|---|
| <p>Acoustical suspension systems, metal<br/>         Balconies, ferrous and nonferrous<br/>         Bank fixtures, ornamental metal<br/>         Bannisters, railings, guards, etc.: made from pipe<br/>         Brasswork, ornamental: structural<br/>         Channels, furring<br/>         Elevator guide rails<br/>         Fences and posts, ornamental iron and steel<br/>         Fire escapes, ferrous and nonferrous</p> | <p>Flagpoles, metal<br/>         Flooring, open steel (grating)<br/>         Gates, ornamental metal<br/>         Gratings (open steel flooring)<br/>         Gratings, tread: fabricated metal<br/>         Ladders, chain<br/>         Ladders, for permanent installation: metal<br/>         Lamp posts<br/>         Lintels, light gauge steel</p> |
|--|---|

Group  
No. 344 Industry  
No.

**FABRICATED STRUCTURAL METAL PRODUCTS—Continued**

**3446 Architectural and Ornamental Metal Work—Continued**

|   |   |
|---|---|
| Ornamental and architectural metal work     | Registers, hot air                      |
| Partitions and grillework, ornamental metal | Scaffolds, metal (mobile or stationary) |
| Pipe bannisters, railings, guards, etc.     | Stair railings, metal                   |
| Purlins, light gage steel                   | Staircases, prefabricated metal         |
| Railings, prefabricated metal               | Stairs, prefabricated metal             |
|   | Treads, stair : fabricated metal        |

**3448 Prefabricated Metal Buildings and Components**

Establishments primarily engaged in manufacturing prefabricated and portable metal buildings and parts, and prefabricated exterior metal panels.

|   |  |
|---|--|
| Buildings, prefabricated and portable : metal     | Panels for prefabricated metal buildings             |
| Carports, prefabricated : metal                   | Portable buildings, prefabricated metal              |
| Docks, prefabricated : metal                      | Prefabricated buildings, metal                       |
| Dwellings, prefabricated or portable : metal      | Ramps, prefabricated : metal                         |
| Farm buildings, prefabricated or portable : metal | Sections for prefabricated metal buildings           |
| Garages, prefabricated or portable : metal        | Silos, metal   |
| Houses, prefabricated or portable : metal         | Utility buildings, prefabricated or portable : metal |

**3449 Miscellaneous Metal Work**

Establishments primarily engaged in manufacturing miscellaneous ferrous and non-ferrous metal work, such as metal plaster bases, fabricated bar joists and concrete reinforcing bars.

|   |                                |
|---|--------------------------------|
| Bars, concrete reinforcing : fabricated steel | Landing mats, aircraft : metal |
| Concrete reinforcing steel bars, fabricated   | Lath, expanded metal           |
|   | Plastering accessories, metal  |

**345 SCREW MACHINE PRODUCTS, AND BOLTS, NUTS, SCREWS, RIVETS, AND WASHERS**

**3451 Screw Machine Products**

Establishments primarily engaged in manufacturing automatic or hand screw machine products from rod, bar, or tube stock of metal, fiber, plastics or other material. The products of this industry consist of a wide variety of unassembled parts and are usually manufactured on a job or order basis. Establishments primarily engaged in manufacturing standard bolts, nuts, rivets, screws and other industrial fasteners on headers, threaders and nut forming machines are classified in Industry 3452.

Screw machine products : produced on a job or order basis

**3452 Bolts, Nuts, Screws, Rivets, and Washers**

Establishments primarily engaged in manufacturing bolts, nuts, screws, rivets, washers, formed and threaded wire goods, and special industrial fasteners. Rolling mills engaged in manufacturing similar products are classified in Major Group 33, and establishments primarily engaged in manufacturing screw machine products in Industry 3451.

|                       |                |
|-----------------------|----------------|
| Bolts, iron and steel | Screw eyes     |
| Cotter pins           | Screw hooks    |
| Dowel pins, metal     | Screws         |
| Gate hooks            | Spring pins    |
| Lock washers          | Spring washers |
| Machine keys          | Toggle bolts   |
| Nuts                  | Washers, metal |
| Rivets                | Wood screws    |

Group Industry  
No. No.  
346

**METAL FORGINGS AND STAMPINGS**

This group includes establishments primarily engaged in manufacturing metal forgings or metal stampings. These establishments generally operate on a job or order basis, manufacturing metal stampings or forgings for sale to others or for interplant transfer. Establishments which produce metal stampings or forgings for incorporation in end products produced in the same establishment are classified on the basis of the end product.

**3462 Iron and Steel Forgings**

Establishments primarily engaged in manufacturing iron and steel forgings, with or without the use of dies.

|   |  |
|---|--|
| Anchors, forged: not made in rolling mills                    | Gears, forged steel: not made in rolling mills                           |
| Anvils, forged: not made in rolling mills                     | Hammer forgings, not made in rolling mills                               |
| Armor plate, forged iron and steel: not made in rolling mills | Horseshoes, not made in rolling mills                                    |
| Axles, railroad: forged—not made in rolling mills             | Locomotive wheels, forged: not made in rolling mills                     |
| Bumping posts, railroad: forged—not made in rolling mills     | Press forgings, iron and steel: not made in rolling mills                |
| Calks, horseshoe: forged—not made in rolling mills            | Railroad wheels, axles, frogs, and other equipment: forged— <i>m/ppm</i> |
| Chains, forged steel: not made in rolling mills               | Switches, railroad: forged—not made in rolling mills                     |
| Crankshafts, forged steel: not made in rolling mills          | Upset forgings, iron and steel: not made in rolling mills                |
| Forgings, iron and steel: not made in rolling mills           | Wheels, car and locomotive: forged—not made in rolling mills             |

**3463 Nonferrous Forgings**

Establishments primarily engaged in manufacturing nonferrous forgings, with or without the use of dies.

|  |  |
|--|--|
| Aluminum forgings                                  | Titanium forgings, not made in hot rolling mills |
| Nonferrous forgings, not made in hot rolling mills |  |

**3465 Automotive Stampings**

Establishments primarily engaged in manufacturing automotive stampings, such as body parts, hubs and trim.

|   |  |
|---|--|
| Automobile stampings: fenders, tops, hub caps, body parts, trim, etc. | Moldings and trim, automobile: stamped |
| Body parts, automobile: stamped                                       |  |

**3466 Crowns and Closures**

Establishments primarily engaged in manufacturing metal crowns and closures.

|                                     |                                    |
|-------------------------------------|------------------------------------|
| Bottle caps and tops, stamped metal | Jar crowns and tops, stamped metal |
| Crowns, jar: stamped metal          | Tops, jar: stamped metal           |

**3469 Metal Stampings, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing metal stampings and spun products, not elsewhere classified, including porcelain enameled products such as household appliance housings and parts; utensils and consumer stamped and spun products such as cooking and kitchen utensils; and other nonautomotive job stampings.

|   |   |
|---|---|
| Appliance parts, porcelain enameled                   | Curtain walls for buildings, steel                  |
| Architectural panels and parts, porcelain enameled    | Electronic enclosures: stamped or pressed           |
| Ash cans, stamped and pressed metal                   | Enameled ware, porcelain: except plumbers' supplies |
| Ash trays, stamped metal                              | Fins, tube: stamped metal                           |
| Automobile license tags, stamped metal                | Floor tile, stamped metal                           |
| Bottle openers, stamped metal                         | Furniture components, porcelain enameled            |
| Capacitor and condenser cans and cases: stamped metal | Garbage cans, stamped and pressed metal             |
| Cash and stamp boxes, stamped metal                   | Helmets, steel                                      |
| Chassis, radio and television: stamped                | Honeycombed metal                                   |
| Cookers, pressure: stamped or drawn                   |   |
| Cooking ware, porcelain enameled                      |   |

Group Industry  
No. No.  
346

**METAL FORGINGS AND STAMPINGS—Continued****3469 Metal Stampings, Not Elsewhere Classified—Continued**

|   |   |
|---|---|
| Household utensils, stamped and pressed metal: except cast aluminum | Porcelain enameled products: except plumbers' supplies                    |
| Ice cream dippers   | Rigidizing metal  |
| Ironer parts, porcelain enameled                                    | Spinning metal, for the trade   |
| Kitchen utensils, porcelain enameled                                | Stamping metal, for the trade   |
| Kitchen utensils, stamped and pressed metal: except cast aluminum   | Store fronts, porcelain enameled  |
| Lunch boxes, stamped metal  | Stove parts, porcelain enameled   |
| Machine parts, stamped and pressed metal                            | Table tops, porcelain enameled  |
| Mail boxes, except collection boxes                                 | Teakettles, except electric: metal  |
| Pails, stamped and pressed metal: except tinned and shipping type   | Tool boxes, stamped metal   |
| Pans, stamped and pressed metal: except tinned                      | Utensils: household, commercial, and hospital—porcelain enameled          |
| Patterns on metal   | Utensils: household, commercial, and hospital—metal, except cast aluminum |
| Perforated metal, stamped   | Washing machine parts, porcelain enameled                                 |
| Perforating on light metal  |   |

347

**COATING, ENGRAVING, AND ALLIED SERVICES****3471 Electroplating, Plating, Polishing, Anodizing and Coloring**

Establishments primarily engaged in all types of electroplating, plating, anodizing, coloring, and finishing of metals and formed products for the trade. Most of the work done in this industry is done on materials owned by others.

|   |   |
|---|---|
| Anodizing (plating) of metals and formed products, for the trade          | Electrolizing steel, for the trade                                |
| Buffing for the trade   | Electroplating of metals and formed products, for the trade       |
| Chromium plating of metals and formed products, for the trade             | Finishing metal products and formed products, for the trade       |
| Cleaning and descaling metal products, for the trade                      | Gold plating, for the trade                                       |
| Coloring and finishing of aluminum and formed products, for the trade     | Plating of metals and formed products, for the trade              |
| Decontaminating and cleaning of missile and satellite parts for the trade | Polishing of metals and formed products, for the trade            |
| Decorative plating and finishing of formed products, for the trade        | Rechroming auto bumpers, for the trade                            |
| Depolishing metal, for the trade  | Sand blasting of metal parts                                      |
|   | Tumbling (cleaning and polishing) of machine parts, for the trade |

**3479 Coating, Engraving, and Allied Services, Not Elsewhere Classified**

Establishments primarily engaged in performing the following types of services on metals: (1) enameling, lacquering, and varnishing metal products for the trade; (2) hot dip galvanizing of mill sheets, plates and bars, castings, and formed products fabricated of iron and steel; hot dip coating such items with aluminum, lead, or zinc; retinning cans and utensils; (3) engraving, chasing and etching jewelry, silverware, notarial and other seals, and other metal products for the trade and for job contracting for purposes other than printing; (4) and other metal services, not elsewhere classified. Establishments primarily engaged in electroplating, plating, polishing, anodizing, coloring, and finishing of metals and formed products for the trade are classified in Industry 3471; and those producing porcelain enameled products in Industry 3469.

|  |  |
|--|--|
| Bonderizing of metal and metal products, for the trade                 | Galvanizing of iron and steel and end formed products, for the trade     |
| Chasing on metals for the trade, for purposes other than printing      | Japanning of metal   |
| Coating and wrapping steel pipe  | Jewelry enameling, for the trade   |
| Coating (hot dipping) of metals and formed products, for the trade     | Lacquering of metal products, for the trade                              |
| Coating of metals with plastic and resins, for the trade               | Name plates: engraved, etched, etc.                                      |
| Coating of metals with silicon, for the trade                          | Painting (enameling and varnishing) of metal products for the trade      |
| Coating, rust preventive   | Pan glazing for the trade  |
| Dipping metal in plastic solution as a preservative, for the trade     | Parkerizing  |
| Enameling (including porcelain) of metal products, for the trade       | Retinning of cans and utensils, not done in rolling mills                |
| Engraving jewelry, silverware and metal for the trade: except printing | Rust proofing (hot dipping) of metals and formed products, for the trade |
| Etching on metals for the trade, for purposes other than printing      | Sherardizing of metals and metal products, for the trade                 |
|  | Varnishing of metal products, for the trade                              |

Group Industry  
No. No.

**348 ORDNANCE AND ACCESSORIES, EXCEPT VEHICLES AND GUIDED MISSILES**

**3482 Small Arms Ammunition**

Establishments primarily engaged in manufacturing ammunition for small arms having a bore of 30 mm. (or 1.18 inch) and below. Establishments primarily engaged in manufacturing ammunition except for small arms are classified in Industry 3483, blasting and detonating caps and safety fuses in Industry 2892, and fireworks in Industry 2899.

Ammunition and component parts, small arms: 30 mm. and below  
Bullet jackets and cores, 30 mm. (or 1.18 inch) and below  
Cartridge cases for ammunition, 30 mm. (or 1.18 inch) and below  
Cartridges, 30 mm. (or 1.18 inch) and below: empty, blank, loaded  
Cores, bullet: 30 mm. (or 1.18 inch) and below  
Paper shells, 30 mm. (or 1.18 inch) and below: empty, blank, and loaded

Percussion caps, for ammunition of 30 mm. (or 1.18 inch) and below  
Shells, small arms: 30 mm. and below—empty, blank, and loaded  
Shot, lead  
Shotgun ammunition: empty, blank, and loaded  
Wads, ammunition: 30 mm. (or 1.18 inch) and below

**3483 Ammunition, Except for Small Arms, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing ammunition, not elsewhere classified, or in loading and assembling ammunition over 30 mm. (or over 1.18 inch) for naval, aircraft, antiaircraft, tank, coast, and field artillery; including component parts. This industry also includes establishments primarily engaged in manufacturing bombs, mines, torpedoes, grenades, depth charges, chemical warfare projectiles, and their component parts. Establishments primarily engaged in manufacturing small arms ammunition are classified in Industry 3482, explosives in Industry 2892; and military pyrotechnics in Industry 2899.

Ammunition and component parts, over 30 mm. (or over 1.18 inch)  
Ammunition loading and assembling plants  
Arming and fusing devices for missiles  
Bag loading plants, ammunition  
Bazooka rockets  
Bomb loading and assembling plants  
Bombcluster adapters  
Bombs and parts  
Boosters and bursters  
Canisters, ammunition  
Caps, bomb  
Chemical warfare projectiles and components  
Depth charges and parts (ordnance)  
Detonators for ammunition over 30 mm. (or over 1.18 inch)  
Detonators: mine, bomb, depth charge, and chemical warfare projectile  
Fin assemblies, mortar: over 30 mm. (or over 1.18 inch)  
Fin assemblies, torpedo and bomb  
Forgings, projectile: machined—for ammunition over 30 mm.

Fuses for ammunition over 30 mm. (or over 1.18 inch)  
Fuses: mine, torpedo, bomb, depth charge, and chemical warfare projectile  
Grenades and parts  
Jet propulsion projectiles, complete  
Loading and assembling bombs, powder bags, and shells: over 30 mm.  
Mines and parts (ordnance)  
Missile warheads  
Mortar shells, over 30 mm. (or over 1.18 inch)  
Primers for ammunition, over 30 mm. (or over 1.18 inch)  
Projectile forgings, machined: for ammunition over 30 mm.  
Projectiles, chemical warfare  
Rockets (ammunition)  
Shells, artillery: over 30 mm. (or over 1.18 inch)  
Torpedoes and parts (ordnance)  
Tracer igniters for ammunition over 30 mm. (or over 1.18 inch)

**3484 Small Arms**

Establishments primarily engaged in manufacturing small firearms having a bore 30 mm. (or 1.18 inch) and below, and parts for small firearms. Also included in this industry are establishments primarily engaged in manufacturing certain weapons over 30 mm. which are carried and employed by the individual, such as grenade launchers and heavy field machine guns. Establishments primarily engaged in manufacturing artillery and mortars having a bore over 30 mm. (or over 1.18 inch), and component parts, are classified in Industry 3489.

Barrels, gun: 30 mm. (or 1.18 inch) and below  
Carbines, 30 mm. (or 1.18 inch) and below

Carts, machine gun and machine gun ammunition  
Clips, gun: 30 mm. (or 1.18 inch) and below

Group No. 348 Industry No.

## ORDNANCE AND ACCESSORIES, EXCEPT VEHICLES AND GUIDED MISSILES—Continued

### 3484 Small Arms—Continued

|  |   |
|--|---|
| Cylinders and clips, gun: 30 mm. (or 1.18 inch) and below    | Magazines, gun: 30 mm. (or 1.18 inch) and below                     |
| Firearms, 30 mm. (or 1.18 inch) and below                    | Mounts, for guns 30 mm. (or 1.18 inch) and below                    |
| Grenade launchers  | Pistols and parts, except toy                                       |
| Gun sights, except optical: 30 mm. (or 1.18 inch) and below  | Pyrotechnic pistols and projectors                                  |
| Guns, 30 mm. (or 1.18 inch) and below                        | Recoil mechanisms for guns, 30 mm. (or 1.18 inch) and below         |
| Links, for ammunition 30 mm. (or 1.18 inch) and below        | Revolvers and parts   |
| Machine gun belts, metallic: 30 mm. (or 1.18 inch) and below | Rifles and parts, 30 mm. (or 1.18 inch) and below                   |
| Machine guns and parts, 30 mm. (or 1.18 inch) and below      | Rifles, high compression pneumatic: 30 mm. (or 1.18 inch) and below |
|  | Shotguns and parts  |
|  | Submachine guns and parts   |

### 3489 Ordnance and Accessories, Not Elsewhere Classified

Establishments primarily engaged in manufacturing ordnance and accessories, not elsewhere classified, such as naval, aircraft, antiaircraft, tank, coast, and field artillery having a bore over 30 mm. (or over 1.18 inch), and components. Establishments primarily engaged in manufacturing small arms and parts 30 mm. (or 1.18 inch) and below are classified in Industry 3484; tanks in Industry 3795; and guided missiles in Group 376.

|   |  |
|---|--|
| Antisubmarine projectors (ordnance)                                     | Limbers, gun and caisson   |
| Artillery, over 30 mm.: aircraft, anti-aircraft, field, naval, and tank | Links, for ammunition over 30 mm. (or over 1.18 inch)                  |
| Artillery parts, for artillery over 30 mm. (or over 1.18 inch)          | Livens projectors (ordnance)   |
| Barrels, gun: over 30 mm. (or over 1.18 inch)                           | Mortars, over 30 mm. (or over 1.18 inch)                               |
| Bazookas (rocket projectors)  | Oerlikon guns  |
| Bofors guns   | Pistols, depth charge release  |
| Carriages, gun: for artillery over 30 mm. (or over 1.18 inch)           | Pontiac guns   |
| Catapult guns   | Projectors: antisub, depth charge release, grenade, livens, and rocket |
| Depth charge release pistols and projectors                             | Recoil mechanisms for guns over 30 mm. (or over 1.18 inch)             |
| Flame throwers (ordnance)   | Rifles, recoilless   |
| Gun sights, except optical: for guns over 30 mm. (or over 1.18 inch)    | Rocket projectors  |
| Gun turrets and parts for artillery over 30 mm. (or over 1.18 inch)     | Smoke generators (ordnance)  |
| Guns, over 30 mm. (or over 1.18 inch)                                   | Tampions, for guns over 30 mm. (or over 1.18 inch)                     |
| Hispano Suiza guns  | Torpedo tubes (ordnance)   |
| Howitzers, over 30 mm. (or over 1.18 inch)                              | Y-guns (ordnance)  |

## 349 MISCELLANEOUS FABRICATED METAL PRODUCTS

### 3493 Steel Springs, Except Wire

Establishments primarily engaged in manufacturing leaf springs, hot wound springs, and coiled flat springs. Establishments primarily engaged in manufacturing wire springs are classified in Industry 3495.

|  |   |
|--|---|
| Automobile springs   | Leaf springs: automobile, locomotive, and other vehicle |
| Coiled flat springs  | Railroad equipment springs                              |
| Flat springs, sheet or strip stock                                 | Steel springs, except wire                              |
| Helical springs, hot wound: for railroad equipment, vehicles, etc. | Torsion bar springs                                     |
| Hot wound springs, except wire springs                             |   |

### 3494 Valves and Pipe Fittings, Except Plumbers' Brass Goods

Establishments primarily engaged in manufacturing pipe fittings and valves for controlling the flow of liquids or gases in pipes and mains, and for machinery. Establishments primarily engaged in manufacturing faucets, spigots, and similar plumbers' brass goods and fittings are classified in Industry 3432, flexible metal hose and tubing in Industry 3509; and fittings and couplings for garden hose in Industry 3429.

Group Industry  
No. No.

349

## MISCELLANEOUS FABRICATED METAL PRODUCTS—Continued

## 3494 Valves and Pipe Fittings, Except Plumbers' Brass Goods—Continued

|  |  |
|--|--|
| Boiler couplings and drains                              | Reducing valves (steam fittings)   |
| Boiler gage cocks, metal                                 | Regulators (steam fittings)  |
| Control valves, steering: for ships                      | Shutoff valves   |
| Couplings, pipe: except pressure and<br>soil pipe        | Solenoid valves  |
| Elbows, pipe: except pressure and soil<br>pipe           | Sprinkler systems, field   |
| Electrohydraulic servo valves, metal                     | Steam fittings and specialties, except<br>plumbers' brass goods and fittings |
| Expansion joints for piping systems,<br>metal            | Steam traps  |
| Flanges and flange unions, pipe                          | Thermodynamic steam traps  |
| Gas valves and parts, metal                              | Thermostatic traps, heating  |
| Line strainers, for use in piping sys-<br>tems           | Valves, air ventilating: metal   |
| Pipe fittings, except plumbers' brass<br>goods: metal    | Valves and pipe fittings, metal  |
| Pipe hangers   | Valves, automatic control  |
| Pipe joints, expansion metal: for base-<br>board heating | Valves, hydraulic and pneumatic con-<br>trol                                 |
| Pressure regulators, metal                               | Valves, line: steam, water, oil, and<br>machinery—except plumbers' brass     |
| Process control regulator valves                         | Valves, poppit: metal  |
| Range valves, metal                                      | Water valves, except plumbers' brass<br>goods and fittings                   |
| Reducer returns, pipe                                    | Well adapters, tipless: brass  |
|  | Y-bends and branches, pipe   |

## 3495 Wire Springs

Establishments primarily engaged in manufacturing wire springs. Establishments primarily engaged in assembling wire bedsprings or seats are classified in Major Group 25.

|   |   |
|---|---|
| Clock springs, precision: made from<br>purchased wire       | Sash balances, spring   |
| Furniture springs, unassembled: made<br>from purchased wire | Spring units for seats, made from pur-<br>chased wire             |
| Gun springs, precision: made from<br>purchased wire         | Springs, except complete bed springs:<br>made from purchased wire |
| Instrument springs, precision: made<br>from purchased wire  | Upholstery springs, unassembled:<br>made from purchased wire      |
| Mechanical springs, precision: made<br>from purchased wire  |   |

## 3496 Miscellaneous Fabricated Wire Products

Establishments primarily engaged in manufacturing miscellaneous fabricated wire products from purchased wire, such as noninsulated wire rope and cable; fencing; screening, netting, paper machine wire cloth; hangers, paper clips, kitchenware, and wire carts. Rolling mills engaged in manufacturing wire products are classified in Major Group 33; establishments manufacturing nonferrous wire nails and spikes in Industry 3399; those drawing and insulating nonferrous wire in Industry 3357; and those manufacturing wire springs in Industry 3495.

|   |   |
|---|---|
| Antisubmarine and torpedo nets, made<br>from purchased wire | Cylinder wire cloth, made from pur-<br>chased wire              |
| Barbed wire, made from purchased<br>wire                    | Delivery cases, made from purchased<br>wire                     |
| Baskets, made from purchased wire                           | Diamond cloth, made from purchased<br>wire                      |
| Belts, conveyor: made from purchased<br>wire                | Door mats, made from purchased wire                             |
| Belts, drying: made from purchased<br>wire                  | Fabrics, woven wire: made from pur-<br>chased wire              |
| Bird cages, made from purchased wire                        | Fencing, made from purchased wire                               |
| Bottle openers, made from purchased<br>wire                 | Florists' designs, made from purchased<br>wire                  |
| Cable, uninsulated wire: made from<br>purchased wire        | Fourdrinier wire cloth, made from pur-<br>chased wire           |
| Cages, wire: made from purchased<br>wire                    | Gates, fence: made from purchased<br>wire                       |
| Carts, grocery: made from purchased<br>wire                 | Grilles and grillework, woven wire:<br>made from purchased wire |
| Chain, welded: made from purchased<br>wire                  | Guards, made from purchased wire                                |
| Chain, wire: made from purchased<br>wire                    | Hangers, garment: made from pur-<br>chased wire                 |
| Clips and fasteners, made from pur-<br>chased wire          | Hardware cloth, woven wire: made<br>from purchased wire         |
| Cloth, woven wire: made from pur-<br>chased wire            | Hog rings, made from purchased wire                             |
| Concrete reinforcing mesh, made from<br>purchased wire      | Insect screening, woven wire: made<br>from purchased wire       |
|   | Key rings, made from purchased wire                             |
|   | Keys, can: made from purchased wire                             |



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Industry  
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## MISCELLANEOUS FABRICATED METAL PRODUCTS—Continued

### 3496 Miscellaneous Fabricated Wire Products—Continued

|   |   |
|---|---|
| <p>Kitchen wire goods, made from purchased wire<br/>Lamp frames, wire: made from purchased wire<br/>Lath, woven wire: made from purchased wire<br/>Mats and matting, made from purchased wire<br/>Mesh, made from purchased wire<br/>Netting, woven wire: made from purchased wire<br/>Paper clips and fasteners, made from purchased wire<br/>Paper machine wire cloth, made from purchased wire<br/>Partitions and grillework, made from purchased wire<br/>Postal screen wire equipment: <i>m/psm</i><br/>Potato mashers, made from purchased wire<br/>Poultry netting, made from purchased wire<br/>Rods, gas welding: made from purchased wire</p> | <p>Rope, uninsulated wire: made from purchased wire<br/>Screening, woven wire: made from purchased wire<br/>Sieves, made from purchased wire<br/>Skid chains, made from purchased wire<br/>Slings, lifting: made from purchased wire<br/>Spiral cloth, made from purchased wire<br/>Staples, wire: made from purchased wire<br/>Strand, uninsulated wire: made from purchased wire<br/>Ties, bale: made from purchased wire<br/>Tire chains, made from purchased wire<br/>Traps, animal and fish: made from purchased wire<br/>Trays, made from purchased wire<br/>Wire and wire products <i>m/psm</i>: except insulated wire, and nails and spikes<br/>Wire, concrete reinforcing: made from purchased wire<br/>Wire winding of purchased wire<br/>Woven wire products, made from purchased wire</p> |
|---|---|

### 3497 Metal Foil and Leaf

Establishments primarily engaged in manufacturing gold, silver, tin, and other metal foil (including converted metal foil) and leaf. Also included are establishments primarily engaged in converting metal foil (including aluminum) into wrappers, cookware, dinnerware and containers, except bags and liners. Establishments primarily engaged in manufacturing plain aluminum foil are classified in Industry 3353.

|   |  |
|---|--|
| <p>Copper foil, not made in rolling mills<br/>Foil containers for bakery goods and frozen foods, except bags and liners<br/>Foil, except aluminum: not made in rolling mills<br/>Foil, laminated to paper or other materials<br/>Gold beating (manufacturing of gold leaf and foil)<br/>Gold foil and leaf, not made in rolling mills</p> | <p>Lead foil, not made in rolling mills<br/>Leaf: gold, silver, and other metals<br/>Magnesium and magnesium base alloy foil, not made in rolling mills<br/>Nickel foil, not made in rolling mills<br/>Platinum and platinum base alloy foil<br/>Silver foil and leaf<br/>Tin foil, not made in rolling mills<br/>Zinc foil, not made in rolling mills</p> |
|---|--|

### 3498 Fabricated Pipe and Fabricated Pipe Fittings

Establishments primarily engaged in fabricating pipe and pipe fittings from purchased pipe, by cutting, threading, bending, etc. Establishments primarily engaged in manufacturing cast iron pipe and fittings, including cast and forged pipe fittings which have been machined and threaded, are classified in Industry 3321; and welded and heavy riveted pipe and seamless steel pipe in Industry 3317. Establishments primarily engaged in manufacturing products such as bannisters, railings and guards from pipe are classified in Industry 3446.

|   |   |
|---|---|
| <p>Bends, pipe: fabricated from purchased pipe<br/>Colls, pipe: fabricated from purchased pipe<br/>Couplings, pipe: fabricated from purchased pipe<br/>Manifolds, pipe: fabricated from purchased pipe<br/>Nipples, pipe: except pressure and soil pipe<br/>Pipe and fittings, fabricated from purchased pipe</p> | <p>Pipe, fabricated from purchased pipe<br/>Pipe headers, welded: fabricated from purchased pipe<br/>Piping systems for pulp, paper, and chemical industries<br/>Sections, pipe: fabricated from purchased pipe<br/>Tube fabricating (contract bending and shaping)</p> |
|---|---|

Group Industry  
No. No.

349 MISCELLANEOUS FABRICATED METAL PRODUCTS—Continued

3499 Fabricated Metal Products, Not Elsewhere Classified

Establishments primarily engaged in manufacturing fabricated metal products, not elsewhere classified, such as fire or burglary resistive steel safes and vaults and similar fire or burglary resistive products; and collapsible tubes of thin flexible metal. Also included are establishments primarily engaged in manufacturing metal boxes, metal ladders, and metal household articles, such as ice cream freezers and ironing boards. Establishments primarily engaged in manufacturing concrete grave vaults are classified in Industry 3272, and metal grave vaults in Industry 3995. Establishments primarily engaged in manufacturing advertising novelties are classified in Industry 3998.

|   |  |
|---|--|
| Aerosol valves, metal                     | Locks, safe and vault                    |
| Ammunition boxes, metal                   | Machine bases, metal                     |
| Aquarium accessories, metal               | Magnets, permanent: metallic             |
| Automobile seat frames, metal             | Marine horns, compressed air or steam    |
| Bank chests, metal                        | Money chests, steel                      |
| Barricades, metal                         | Novelties and specialties, metal: except |
| Book ends, metal                          | advertising novelties                    |
| Boxes for packing and shipping, steel     | Plugs, drain: magnetic                   |
| Chair frames, metal                       | Reels, cable: metal                      |
| Chests, fire or burglary resistive: steel | Safe deposit boxes and chests, iron and  |
| Collapsible tubes for viscous products    | steel                                    |
| Doors, safe and vault: iron and steel     | Safes, iron and steel                    |
| Drain plugs, magnetic                     | Shims, metal                             |
| Drill stands                              | Spray nozzles, aerosol                   |
| Ferrules, nonferrous                      | Stabilizing bars (cargo), metal          |
| Fountains, metal (except drinking)        | Strapping, steel                         |
| Friction material, made from powdered     | Tablets, bronze                          |
| metal                                     | Target drones for use by ships, under-   |
| Furniture parts, chrome                   | water and above water: metal             |
| Hoops, steel: other than wire             | Trophies, metal: except silver, nickel   |
| Humidifiers, household furnace            | silver, pewter, and plated               |
| Ice cream freezers, household: metal      | Vault doors and linings, iron and steel  |
| Ironing boards, metal                     | Vaults, except grave vaults: iron and    |
| Ladder assemblies, combination work-      | steel                                    |
| stand: metal                              | Wheels: wheelbarrow, stroller, lawn      |
| Ladders, metal: portable                  | mower, etc.—disc type, stamped           |
| Linings, safe and vault: iron and         | metal                                    |
| steel                                     |  |

## Major Group 35.—MACHINERY, EXCEPT ELECTRICAL

### *The Major Group as a Whole*

This major group includes establishments engaged in manufacturing machinery and equipment, other than electrical equipment (Major Group 36) and transportation equipment (Major Group 37). Machines powered by built-in or detachable motors ordinarily are included in this major group, with the exception of electrical household appliances (Major Group 36). Portable tools, both electric and pneumatic powered, are included in this major group, but hand tools are classified in Major Group 34.

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### ENGINES AND TURBINES

#### 3511 Steam, Gas, and Hydraulic Turbines and Turbine Generator Set Units

Establishments primarily engaged in manufacturing steam turbines; hydraulic turbines; gas turbines, except aircraft; complete steam, gas, and hydraulic turbine generator set units; and steam engines. Establishments primarily engaged in building or rebuilding locomotives are classified in Industry 3743; and those manufacturing non-automotive type generators which are not part of a turbine generator set in Industry 3621.

Gas turbines, mechanical drive  
Governors, steam  
Hydraulic turbines  
Steam engines, except locomotives  
Steam turbines  
Turbine generator set units, complete:  
steam, gas, and hydraulic

Turbines: steam, hydraulic, and gas—  
except aircraft type  
Turbo-generators  
Water wheels and turbines  
Wheels, water

#### 3519 Internal Combustion Engines, Not Elsewhere Classified

Establishments primarily engaged in manufacturing diesel, semi-diesel, or other internal combustion engines, not elsewhere classified, for stationary, marine, traction, and other uses. Establishments primarily engaged in manufacturing aircraft engines are classified in Industry 3724; automotive engines (except diesel) in Industry 3714; engine generator sets in Industry 3621; and guided missile and space vehicle propulsion units in Industry 3764.

Controls, remote: for boats  
Diesel and semi-diesel engines: for stationary, marine, traction, etc.  
Engine starters, pneumatic  
Engines and engine parts, military tank  
Engines: diesel and semi-diesel and dual fuel—except aircraft  
Engines, internal combustion: except aircraft and non-diesel automotive  
Gas and diesel engine rebuilding  
Governors, diesel engine  
Governors, pump: for diesel engines

Internal combustion engines except aircraft and non-diesel automotive  
Jet propulsion engines, except aircraft  
Marine engines: diesel, semi-diesel, and other internal combustion  
Outboard motors  
Propelling units, outboard  
Radiators, stationary engine  
Semi-diesel engines for stationary, marine, traction, or other uses  
Tank engines and engine parts, military

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### FARM AND GARDEN MACHINERY AND EQUIPMENT

#### 3523 Farm Machinery and Equipment

Establishments primarily engaged in manufacturing farm machinery and equipment, including wheel tractors, for use in the preparation and maintenance of the soil; planting and harvesting of the crop; preparing crops for market, on the farm; or for use in performing other farm operations and processes. Establishments primarily engaged in manufacturing industrial trucks, tractors, and trailers used for handling materials in industrial plants, depots, and docks are classified in Industry 3537; contractors'

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352

**FARM AND GARDEN MACHINERY AND EQUIPMENT—Continued**

**3523 Farm Machinery and Equipment—Continued**

off-highway tractors are classified in Industry 3531; farm hand tools in Group 342; and garden tractors, lawn mowers and other lawn and garden equipment in Industry 3524.

|   |  |
|---|--|
| <p>Agricultural implements and machinery<br/>Ammonia applicators and attachments (agricultural machinery)<br/>Bale throwers<br/>Balers: hay, cotton, etc.<br/>Barn cleaners<br/>Barn stanchions and standards<br/>Blowers and cutters, ensilage<br/>Blowers, forage<br/>Brooders<br/>Calf savers (farm equipment)<br/>Cattle feeding, handling, and watering equipment<br/>Cattle oilers (farm equipment)<br/>Chicken brooders<br/>Cleaning machines for fruits, grains, and vegetables<br/>Clippers, hair: for animal use—hand and electric<br/>Combines (harvester-threshers), self-propelled and pull<br/>Conveyors, farm (agricultural machinery)<br/>Corn pickers and shellers<br/>Cotton pickers and strippers (harvesting machinery)<br/>Cream separators (agricultural equipment)<br/>Crop driers<br/>Crushers, feed (agricultural machinery)<br/>Cultivators (agricultural implements) field and row crop<br/>Curers, tobacco<br/>Cutters, ensilage<br/>Drags (agricultural equipment)<br/>Driers: grain, hay, and seed (agricultural implements)<br/>Dusters, mechanical: agricultural<br/>Elevators, farm<br/>Farm machinery and equipment<br/>Feed grinders, crushers, and mixers (agricultural machinery)<br/>Feeders, chicken<br/>Fertilizing machinery (agricultural machinery)<br/>Field type rotary tillers (agricultural machinery)<br/>Fruit grading, cleaning, and sorting machines<br/>Fruit, vegetable, berry and grape harvesting machines<br/>Gates, holding (farm equipment)<br/>Grading, cleaning, and sorting machines: fruit, grain, and vegetable<br/>Grain drills, including legume planters (agricultural machinery)<br/>Grain grading, cleaning, and sorting machines</p> | <p>Grain stackers<br/>Grinders and crushers, feed (agricultural machinery)<br/>Hair clippers for animal use, hand and electric<br/>Hammer and roughage mills (agricultural machinery)<br/>Harrows: disc, spring, tine, etc.<br/>Harvesting machines<br/>Haying machines: mowers, rakes, loaders, stackers, balers, presses, etc.<br/>Hog feeding, handling, and watering equipment<br/>Hulling machinery, agricultural<br/>Incubators, except laboratory and infant<br/>Land rollers and levelers (agricultural machinery)<br/>Listers<br/>Loaders, farm type (general utility)<br/>Milking machines<br/>Mowers and mower-conditioners, hay<br/>Peanut combines, diggers, packers and threshers (agricultural equipment)<br/>Planting machines, agricultural<br/>Plows, agricultural: disc, moldboard, chisel, etc.<br/>Potato diggers, harvesters, and planters (agricultural machinery)<br/>Poultry brooders, feeders, and waterers<br/>Poultry vision control devices<br/>Presses and balers: hay, cotton, etc.<br/>Rakes, hay (agricultural machinery)<br/>Rotary hoes (agricultural machinery)<br/>Roughage mills (agricultural machinery)<br/>Seeders (agricultural machinery)<br/>Separators, grain and berry (agricultural machinery)<br/>Shears, sheep: power<br/>Shellers, nut (agricultural machinery)<br/>Shredders (agricultural machinery)<br/>Silo fillers (agricultural machinery)<br/>Soil pulverizers and packers (agricultural machinery)<br/>Sorting machines for agricultural products<br/>Sprayers, hand: agricultural<br/>Spraying machines (agricultural machinery)<br/>Spreaders, fertilizer<br/>Tobacco curers<br/>Towers, windmill<br/>Tractors, wheel: farm type<br/>Trailers and wagons, farm<br/>Transplanters<br/>Volume guns (irrigation equipment)<br/>Water troughs<br/>Weeding machines, agricultural<br/>Windrowers, self-propelled and pull</p> |
|---|--|

Group  
No. 352

Industry  
No.

## FARM AND GARDEN MACHINERY AND EQUIPMENT—Continued

### 3524 Garden Tractors and Lawn and Garden Equipment

Establishments primarily engaged in manufacturing lawn mowers, garden tractors, and other lawn and garden equipment used for home lawn and garden care. Also included are establishments primarily manufacturing snowblowers and throwers for residential use. Establishments primarily engaged in manufacturing farm machinery and equipment are classified in Industry 3523; hand lawn and garden shears and pruners in Industry 3421; and other garden hand tools in Industry 3423.

Carts for wagons for lawn and garden  
Cultivators (garden tractor equipment)  
Grass catchers, lawn mower  
Hedge trimmers, electric  
Lawn edgers  
Lawn mowers, hand and power  
Lawn rollers

Loaders (garden tractor equipment)  
Rototillers (garden machinery)  
Flows (garden tractor equipment)  
Snowblowers and throwers, residential  
Tractors, garden  
Trimmers, hedge: electric

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## CONSTRUCTION, MINING, AND MATERIALS HANDLING MACHINERY AND EQUIPMENT

### 3531 Construction Machinery and Equipment

Establishments primarily engaged in manufacturing heavy machinery and equipment used by the construction industries, such as bulldozers; concrete mixers; cranes, except industrial plant type; dredging machinery; pavers; and power shovels. Establishments primarily engaged in manufacturing mining equipment are classified in Industry 3532, and well drilling machinery in Industry 3533.

Aggregate spreaders  
Airport construction machinery  
Asphalt plants, including travel-mix type  
Backfillers, self-propelled  
Backhoes  
Ballast distributors  
Batching plants, bituminous  
Batching plants, for aggregate concrete and bulk cement  
Blades for graders, scrapers, dozers, and snow plows  
Breakers, paving  
Buckets: clamshell, concrete, dragline, drag scraper, shovel, etc.  
Bulldozers (construction machinery)  
Capstans, ship  
Carriers, crane  
Chip spreaders, self-propelled  
Cleaners, catch basin  
Compactors, soil: vibratory-pan and vibratory-roller types  
Concrete buggies, powered  
Concrete grouting equipment  
Concrete gunning equipment  
Concrete plants  
Construction machinery, except mining  
Cranes, except industrial plant  
Cranes, locomotive  
Cranes, ship  
Crushers, portable  
Derricks, except oil and gas field  
Derricks, ship  
Distributors (construction machinery)  
Ditchers, ladder: vertical boom or wheel  
Dozers, tractor mounted: material moving  
Draglines, powered  
Drags, road (construction and road maintenance equipment)  
Dredging machinery  
Entrenching machines  
Excavators: cable, clamshell, crane, derrick, dragline, power shovel, etc.  
Extractors, piling  
Finishers and spreaders (construction equipment)

Finishers, concrete and bituminous: powered  
Grader attachments, elevating  
Graders, road (construction machinery)  
Grapples: rock, wood, etc.  
Grinders, stone: portable  
Hammer mills (rock and ore crushing machines), portable  
Hammers, pile driving  
Line markers, self-propelled  
Loaders, shovel: self-propelled  
Locomotive cranes  
Logging equipment  
Mixers: concrete, ore, sand, slag, plaster, mortar, and bituminous  
Mortar mixers  
Mud jacks  
Pavers  
Pile drivers (construction machinery)  
Planers, bituminous  
Plaster mixers  
Plows, earth: heavy duty  
Power cranes, draglines, and shovels  
Pulverizers, stone: portable  
Railway track equipment: rail layers, ballast distributors, etc.  
Rakes, land clearing: mechanical  
Road construction and maintenance machinery  
Rock crushing machinery, portable  
Rollers, road: steam or other power  
Rollers, sheepfoot and vibratory  
Sand mixers  
Scarifiers, road  
Scrapers (construction machinery)  
Screeds and screeding machines  
Screeners, portable  
Ship cranes and derricks  
Ship winches  
Shovel loaders, wheel tractor  
Shovels, power  
Silos, cement (batch plant)  
Slag mixers  
Snow plow attachments  
Soil compactors: vibratory-pan and vibratory-roller types  
Spreaders and finishers (construction equipment)

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**353 Construction Machinery and Equipment—Continued  
EQUIPMENT—Continued**

**3531 Construction Machinery and Equipment—Continued**

|  |                                       |
|--|---------------------------------------|
| Subgraders, construction equipment     | Tractors, crawler                     |
| Subsoiler attachments, tractor mounted | Tractors, tracklaying                 |
| Surfacers, concrete grinding           | Trucks, off-highway: heavy duty motor |
| Tampers, powered                       | Vibrators for concrete construction   |
| Tamping equipment, rail                | Wellpoint systems                     |
| Teeth, bucket and scarifier            | Winches, all types                    |
| Tractors, contractors' off highway     |                                       |

**3532 Mining Machinery and Equipment, Except Oil Field Machinery and Equipment**

Establishments primarily engaged in manufacturing heavy machinery and equipment used by the mining industries, such as coal breakers, mine cars, mineral cleaning machinery, concentration machinery, core drills, coal cutters, portable rock drills, and rock crushing machinery. Establishments primarily engaged in manufacturing construction machinery are classified in Industry 3531; well drilling machinery in Industry 3533; and coal and ore conveyors in Industry 3535.

|  |  |
|--|--|
| Amalgamators (metallurgical and mining machinery)              | Grinders, stone: stationary  |
| Auger mining equipment   | Hammer mills (rock and ore crushing machines), stationary            |
| Bits, rock: except oil field tools                             | Loading machines, underground: mobile                                |
| Cages, mine shaft  | Mineral machinery and equipment                                      |
| Car dumpers, mining  | Mining cars and trucks (dollies)                                     |
| Clarifying machinery, mineral                                  | Mining machinery and equipment, except oil field machinery and tools |
| Classifiers (metallurgical and mining machinery)               | Ore crushing, washing, screening, and loading machinery              |
| Cleaning machinery, mineral                                    | Pellet mills (mining machinery)                                      |
| Coal breakers, cutters, and pulverizers                        | Plows, coal  |
| Concentration machinery (metallurgical and mining)             | Pulverizers, stone: stationary                                       |
| Crushers, stationary   | Scraper loaders, underground   |
| Drills and drilling equipment, mining: except oil field drills | Screeners, stationary  |
| Drills, core   | Sedimentation machinery, mineral                                     |
| Drills, rock: portable   | Separating machinery, mineral  |
| Dumpers, car: mining   | Shuttle cars, underground  |
| Feeders, ore and aggregate                                     | Stamping mill machinery (mining machinery)                           |
| Flotation machinery (mining machinery)                         | Washers, aggregate and sand  |

**3533 Oil Field Machinery and Equipment**

Establishments primarily engaged in manufacturing machinery and equipment for use in oil and gas fields or for drilling water wells.

|   |                                   |
|---|-----------------------------------|
| Bits, rock: oil field tools                 | Gas well machinery and equipment  |
| Derricks, oil and gas field                 | Oil field machinery and equipment |
| Drill rigs, all types                       | Water well drilling machinery     |
| Drilling tools for gas, oil, or water wells |                                   |

**3534 Elevators and Moving Stairways**

Establishments primarily engaged in manufacturing passenger or freight elevators, automobile lifts, dumb waiters, and moving stairways. Establishments primarily engaged in manufacturing commercial conveyor systems and equipment are classified in Industry 3535, and farm elevators in Industry 3523.

|   |  |
|---|--|
| Automobile lifts (elevators)                            | Escalators, passenger and freight        |
| Dumbwaiters   | Lifts (elevators), passenger and freight |
| Elevators and elevator equipment, passenger and freight | Stair elevators: motor powered           |
| Elevators, powered (nonfarm)                            | Stairways, moving                        |

Group  
No. 353

Industry  
No.

## CONSTRUCTION, MINING, AND MATERIALS HANDLING MACHINERY AND EQUIPMENT—Continued

### 3535 Conveyors and Conveying Equipment

Establishments primarily engaged in manufacturing conveyors and conveying equipment for installation in factories, warehouses, mines, and other industrial and commercial establishments. Establishments primarily engaged in manufacturing passenger or freight elevators, dumb waiters, and moving stairways are classified in Industry 3534; and overhead traveling cranes and monorail systems in Industry 3536.

Belt conveyor systems, for general industrial use  
Bucket type conveyor systems, for general industrial use  
Overhead conveyor systems for general industrial use

Passenger baggage belt loaders  
Pneumatic tube conveyor systems for general industrial use

### 3536 Hoists, Industrial Cranes, and Monorail Systems

Establishments primarily engaged in manufacturing overhead traveling cranes, hoists, and monorail systems for installation in factories, warehouses, and other industrial and commercial establishments.

Aerial work platforms, hydraulic or electric truck or carrier mounted  
Automobile wrecker hoists  
Boat lifts  
Cherry pickers (elevated work platforms)  
Cranes, overhead travel  
Davits  
Go-devils (hydraulic crane, pneumatic tired)

Hoisting slings  
Hoists, except aircraft loading  
Hoists, hand  
Hoists, mine  
Monorail systems  
Stacking machines, automatic  
Work platforms, elevated

### 3537 Industrial Trucks, Tractors, Trailers, and Stackers

Establishments primarily engaged in manufacturing industrial trucks, tractors, trailers, stackers (truck type), and related equipment, used for handling materials on floors and paved surfaces in and around industrial and commercial plants, depots, docks, and terminals. Establishments primarily engaged in manufacturing motor vehicles and motor vehicle type trailers are classified in Group 371; farm type wheel tractors in Industry 3523; wheel tractor shovel loaders and tracklaying tractors in Industry 3531; and wood pallets and skids in Industry 2448.

Adapters for multi-weapon rack loading on aircraft  
Aircraft engine cradles  
Aircraft loading hoists  
Boat cradles  
Bomb lifts  
Bomb trucks  
Cars, industrial: except automotive cars and trucks, and mining cars  
Die and strip handlers  
Dollies (hand or power trucks), industrial: except mining  
Drum cradles  
Engine stands and racks, metal  
Hoists, aircraft loading  
Hoppers, end dump  
Hospital dollies  
Industrial truck cranes  
Laundry containers on wheels, fiberglass

Lift trucks, industrial: fork, platform, straddle, etc.  
Pallet assemblies for landing mats  
Pallets, metal  
Platforms, cargo  
Skid boxes, metal  
Skids, metal  
Stackers, power (industrial truck stackers)  
Stacking carts  
Stands, ground servicing aircraft  
Tables, lift: hydraulic  
Tractors, industrial: for use in plants, depots, docks, and terminals  
Truck trailers, for use in plants, depots, docks, and terminals  
Trucks, industrial (except mining) for freight, baggage, etc.  
Tunnel kiln cars

Group Industry  
No. No.

354

**METALWORKING MACHINERY AND EQUIPMENT****3541 Machine Tools, Metal Cutting Types**

Establishments primarily engaged in manufacturing machines, not supported in the hands of an operator when in use, that shape metal by cutting or use of electrical techniques; the rebuilding of such machine tools, and the manufacture of replacement parts for them. Metalworking, or primarily metalworking, machine tools designed primarily for home workshops are also included. Establishments primarily engaged in the manufacture of electric welding equipment are classified in Industry 3623; portable power driven hand tools, in Industry 3546; and gas welding and cutting equipment, and automotive maintenance equipment, in Industry 3549.

|  |  |
|--|--|
| Automatic chucking machines                        | Lapping machines   |
| Boring, drilling, and milling machine combinations | Lathes, metal cutting  |
| Boring machines (machine tools)                    | Lathes, metal polishing  |
| Boring mills                                       | Machine tool replacement and repair parts, metal cutting types   |
| Broaching machines                                 | Machine tools, metal cutting, exotic (chemical, explosive, etc.) |
| Brushing machines (metalworking machinery)         | Metal polishing lathes   |
| Buffing and polishing machines (machine tools)     | Milling machines (machine tools)                                 |
| Burnishing machines (machine tools)                | Pipe cutting and threading machines (machine tools)              |
| Centering machines                                 | Planers, metal cutting (machine tools)                           |
| Chemical milling machines                          | Pointing, chamfering, and burring machines                       |
| Countersinking machines                            | Polishing and buffing machines (machine tools)                   |
| Cutoff machines                                    | Polishing machines (machine tools)                               |
| Cutting machines, pipe (machine tools)             | Plasma process metal cutting machines, except welding machines   |
| Cylinder reboring machines                         | Reaming machines   |
| Deburring machines                                 | Rebuilt machine tools, metal cutting types                       |
| Die sinking machines                               | Regrinding machines, crankshaft                                  |
| Drill presses (machine tools)                      | Rifle working machines (machine tools)                           |
| Drilling machine tools (metal cutting)             | Sawing and cutoff machines (metal working machinery)             |
| Duplicators (machine tools)                        | Saws, power (metalworking machinery)                             |
| Electrical discharge erosion machines              | Screw and nut slotting machines                                  |
| Electrical discharge grinding machines             | Screw machines, automatic  |
| Electrochemical milling machines                   | Shapers and slotters   |
| Electrolytic metal cutting machine tools           | Shaving machines (metalworking)                                  |
| Electron-discharge metal cutting machine tools     | Slotting machines (machine tools)                                |
| Facing machines                                    | Tapping machines   |
| Filing machines, metal (machine tools)             | Threading machines (machine tools)                               |
| Flange facing machines                             | Turning machines (lathes)  |
| Gear chamfering machines (machine tools)           | Turret lathes  |
| Gear cutting and finishing machines                | Ultrasonic assisted grinding machines (metalworking)             |
| Gear tooth grinding machines (machine tools)       | Ultrasonic metal cutting machine tools                           |
| Grinding machines                                  | Valve grinding machines  |
| Grooving machines (machine tools)                  | Vertical turning and boring machines (metal working)             |
| Home workshop machine tools, metalworking          |  |
| Honing and lapping machines                        |  |
| Jig boring machines                                |  |
| Jig grinding machines                              |  |
| Keyseating machines (machine tools)                |  |

**3542 Machine Tools, Metal Forming Types**

Establishments primarily engaged in manufacturing machines, not supported in the hands of an operator while in use, for pressing, hammering, extruding, shearing, die casting or otherwise forming metal into shape. This industry also includes rebuilding such machine tools and manufacturing repair parts for them. Establishments primarily engaged in the manufacture of electric welding equipment are classified in Industry 3623; portable power driven hand tools in Industry 3546; rolling mill machinery and equipment in Industry 3547; and gas welding and cutting equipment, and automotive maintenance equipment, in Industry 3549.

|  |   |
|--|---|
| Arbor presses                              | Die casting machines                        |
| Beaders, metal (machines)                  | Drop hammers, for forging and shaping metal |
| Bending and forming machines               | Elastic membrane metal forming machines     |
| Brakes, metal forming                      | Electroforming machines                     |
| Bulldozers (metalworking machinery)        | Extruding machines (machine tools), metal   |
| Can making machines                        |   |
| Chemical explosives metal forming machines |   |



Group No. 354 Industry No.

**METALWORKING MACHINERY AND EQUIPMENT—Continued**

**3542 Machine Tools, Metal Forming Types—Continued**

|   |   |
|---|---|
| <p>Forging machinery and hammers<br/>                 Hammers, power (forging machinery)<br/>                 Headers<br/>                 High energy rate metal forming machines<br/>                 Knurling machines<br/>                 Machine tools, metal forming: exotic (chemical, explosion, etc.)<br/>                 Machine tools, metal forming types: including rebuilding<br/>                 Magnetic forming machines<br/>                 Mechanical-pneumatic or hydraulic metal forming machines<br/>                 Metal deposit forming machines<br/>                 Nail heading machines<br/>                 Plasma jet spray metal forming machines<br/>                 Presses: forming, stamping, punching and sizing (machine tools)</p> | <p>Presses: hydraulic and pneumatic, mechanical and manual<br/>                 Punching and shearing machines<br/>                 Rebuilt machine tools, metal forming types<br/>                 Riveting machines<br/>                 Rolling machines, thread and spline<br/>                 Shearing machines, power<br/>                 Sheet metalworking machines<br/>                 Shock wave metal forming machines<br/>                 Spinning lathes<br/>                 Spinning machines, metal<br/>                 Spline rolling machines<br/>                 Spring winding and forming machines<br/>                 Stretching machines<br/>                 Swaging machines<br/>                 Thread rolling machines<br/>                 Ultrasonically assisted metal forming machines<br/>                 Upsetters (forging machines)</p> |
|---|---|

**3544 Special Dies and Tools, Die Sets, Jigs and Fixtures, and Industrial Molds**

Establishments commonly known as contract tool and die shops and primarily engaged in manufacturing, on a job or order basis, special tools and fixtures for use with machine tools, hammers, die casting machines, and presses. The products of establishments classified in this industry include a wide variety of special toolings, such as dies; punches; die sets and components, and subpresses; jigs and fixtures; and special checking devices. Establishments primarily engaged in manufacturing molds for die casting and foundry casting; metal molds for plaster working, rubber working, plastic working, glass working and similar machinery are also included. Establishments primarily engaged in manufacturing molds for heavy steel ingots are classified in Industry 3321.

|  |   |
|--|---|
| <p>Diamond dies, metalworking<br/>                 Die sets for metal stamping (presses)<br/>                 Die springs<br/>                 Dies and die holders for metal cutting, forming, die casting, etc.<br/>                 Dies, paper cutting<br/>                 Dies, plastics forming<br/>                 Dies, steel rule<br/>                 Extrusion dies<br/>                 Forms, metal (molds): for foundry, plastic working machinery, etc.</p> | <p>Industrial molds<br/>                 Jigs and fixtures (metalworking machinery accessories)<br/>                 Jigs: inspection, gauging and checking<br/>                 Punches, forming and stamping<br/>                 Subpresses, metalworking<br/>                 Welding positioners (jigs)<br/>                 Wire drawing and straightening dies</p> |
|--|---|

**3545 Machine Tool Accessories and Measuring Devices**

Establishments primarily engaged in manufacturing cutting tools, machinist's precision measuring tools, and attachments and accessories for machine tools and for other metalworking machinery, not elsewhere classified. Establishments primarily engaged in manufacturing hand tools, except power driven types, are classified in Group 342.

|   |   |
|---|---|
| <p>Angle rings<br/>                 Arbors (machine tool accessories)<br/>                 Balancing machines (machine tool accessories)<br/>                 Bits for use on lathes, planers, shapers, etc.<br/>                 Boring machine attachments (machine tool accessories)<br/>                 Broaches (machine tool accessories)<br/>                 Callipers and dividers<br/>                 Cams (machine tool accessories)<br/>                 Chasers (machine tool accessories)<br/>                 Chucks: drill, lathe, and magnetic (machine tool accessories)<br/>                 Collars (machine tool accessories)<br/>                 Collets (machine tool accessories)<br/>                 Comparators (machinists' precision tools)<br/>                 Counterbores, metalworking</p> | <p>Countersinks and countersink drill combinations (machine tool accessories)<br/>                 Cutters, milling<br/>                 Cutting tools and bits, for use on lathes, planers, shapers, etc.<br/>                 Diamond cutting tools for turning, boring, burnishing, etc.<br/>                 Diamond dressing and wheel crushing attachments<br/>                 Dies, thread cutting<br/>                 Dressers, abrasive wheel: diamond point and other<br/>                 Drill bits, metalworking<br/>                 Drill bushings (drilling jig)<br/>                 Drilling machine attachments and accessories (machine tool accessories)<br/>                 Drills (machine tool accessories)<br/>                 Files, machine tool</p> |
|---|---|

Group Industry  
No. No.

**354 METALWORKING MACHINERY AND EQUIPMENT—Continued**

**3545 Machine Tool Accessories and Measuring Devices—Continued**

|  |   |
|--|---|
| Gauge blocks   | Optical measuring devices   |
| Gauges except optical (machine tool accessories)               | Precision tools, machinists'  |
| Headstocks, lathe (machine tool accessories)                   | Pushers   |
| Hobs   | Reamers, machine tool   |
| Honing heads   | Scales, measuring (machinists' precision tools)                     |
| Hopper feed devices  | Shaping tools (machine tool accessories)                            |
| Knives, shear  | Shear knives  |
| Lathe attachments and cutting tools (machine tool accessories) | Sockets (machine tool accessories)                                  |
| Letter pins (gauging and measuring)                            | Tables, rotary  |
| Loading, unloading, and transfer devices                       | Taps, machine tool  |
| Machine knives, metalworking                                   | Threading tools (machine tool accessories)                          |
| Machine tool attachments and accessories                       | Tool holders  |
| Mandrels   | Tools and accessories for machine tools                             |
| Measuring tools and machines, machinists' metalworking type    | Verniers (machinists' precision tools)                              |
| Micrometers  | Vises, machine (machine tool accessories)                           |
| Milling machine attachments (machine tool accessories)         | Wheel turning equipment, diamond point and other (tool accessories) |

**3546 Power Driven Hand Tools**

Establishments primarily engaged in manufacturing power driven hand tools, such as drills and drilling tools, pneumatic and snagging grinders, and electric hammers. Establishments primarily engaged in manufacturing automotive maintenance equipment are classified in Industry 3549; those primarily manufacturing machine tools for metal cutting and metal forming (including home workshop tools) which are not supported in the hands of an operator, are classified in Industries 3541 and 3542; and those primarily manufacturing power driven heavy construction or mining hand tools in Group 353.

|  |  |
|--|--|
| Attachments for portable drills  | Grinders, snagging   |
| Buffing machines, hand: electric   | Guns, pneumatic: chip removal  |
| Calking hammers  | Hammers: portable electric and pneumatic chipping, riveting, calking, etc. |
| Cartridge-activated hand power tools                                       | Hand tools, power driven: woodworking or metal working                     |
| Chain saws, portable   | Masonry and concrete drilling tools, power: portable                       |
| Chipping hammers, electric   | Riveting hammers   |
| Drills (except rock drilling and coring), portable: electric and pneumatic | Saws, portable hand held: power driven—woodworking or metalworking         |
| Drills, hand: electric   |  |
| Flexible shaft metalworking machines, portable                             |  |
| Grinders, pneumatic and electric: portable (metalworking machinery)        |  |

**3547 Rolling Mill Machinery and Equipment**

Establishments primarily engaged in manufacturing rolling mill machinery and processing equipment for metal production, such as cold forming mills, structural mills, and finishing equipment.

|   |   |
|---|---|
| Bar mills   | Mill tables (rolling mill equipment)                                  |
| Billet mills  | Picklers and pickling lines, sheet and strip (rolling mill equipment) |
| Blooming and slabbing mills                           | Pipe and tube mills   |
| Cleaning lines, electrolytic (rolling mill equipment) | Rod mills (rolling mill equipment)                                    |
| Cold forming type mills (rolling mill machinery)      | Roller levelers (rolling mill machinery)                              |
| Ferrous and nonferrous mill equipment, auxiliary      | Rolling mill machinery and equipment                                  |
| Finishing equipment, rolling mill                     | Steel rolling machinery   |
| Galvanizing lines (rolling mill equipment)            | Straightening machinery (rolling mill equipment)                      |
| Levelers, roller (rolling mill equipment)             | Structural mills (rolling mill machinery)                             |

Group  
No. 354

Industry  
No. **METALWORKING MACHINERY AND EQUIPMENT—Continued**  
**3549 Metalworking Machinery, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing metalworking machinery, not elsewhere classified, such as gas cutting and welding equipment, wire fabricating machinery and equipment, except wire drawing dies, and automotive maintenance machinery and equipment. Establishments primarily engaged in manufacturing metal cutting machine tools, are classified in Industry 3541; metal forming machine tools in Industry 3542; power driven hand tools in Industry 3546; and rolling mill machinery in Industry 3547.

Automotive maintenance equipment  
Balancing equipment, automotive wheel (garage equipment)  
Coil winding machines for springs  
Collers (metalworking machines)  
Cradle assemblies (wire making equipment)  
Cutting-up lines  
Degreasing machines, automotive (garage equipment)  
Draw benches  
Drawing machinery and equipment, except wire drawing dies  
Frame straighteners, automobile (garage equipment)

Marking machines, metalworking  
Pack-up assemblies (wheel overhaul)  
Pall mills  
Propeller straightening presses  
Rotary slitters (metalworking machines)  
Screw downs and boxes  
Screw driving machines  
Soldering machines, except hand  
Welding and cutting apparatus, except electric, laser, ultrasonic, etc.  
Wheel mounting and balancing equipment  
Wire drawing and fabricating machinery and equipment, except dies

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**SPECIAL INDUSTRY MACHINERY, EXCEPT METALWORKING MACHINERY**

**3551 Food Products Machinery**

Establishments primarily engaged in manufacturing machinery for use by the food products and beverage manufacturing industries in the preparation, canning, or packaging of food products; and parts and attachments for such machinery. Establishments primarily engaged in manufacturing industrial refrigeration machinery are classified in Group 358.

Bakery machinery  
Biscuit cutters (machines)  
Bottling machinery: washing, sterilizing, filling, capping, labeling, etc.  
Bread slicing and wrapping machines  
Brewers' and malsters machinery  
Butter making and butter working machinery  
Canning and packing machinery, food  
Cheese making machinery  
Chewing gum machinery  
Chocolate processing machinery  
Choppers, food: commercial types  
Cider presses  
Coffee roasting and grinding machines  
Condensed and evaporated milk machinery  
Confectionery machinery  
Corn popping machines, commercial type  
Cracker making machines  
Cream separators (food products machinery)  
Cutters, biscuit (machines)  
Dairy products machinery and equipment  
Deaerating equipment, for food and beverage processing  
Dehydrating equipment, food processing  
Dies, biscuit cutting  
Distillery machinery  
Dough mixing machinery  
Food choppers, grinders, mixers, and slicers: commercial type  
Food packing and canning machinery  
Flour mill machinery

Grain mill machinery  
Grinders, food: commercial types  
Ice cream manufacturing machinery  
Juice extractors, fruit and vegetable: commercial type  
Macaroni machinery: for making macaroni, spaghetti, noodles, etc.  
Malt mills  
Meat grinders  
Milk processing machinery  
Milk testers  
Mills and presses: beet, cider, sugar cane, etc.  
Mixers and whippers, electric: for food manufacturing industries  
Mixers, feed: except agricultural  
Mixers, food: commercial types  
Ovens, bakery  
Packaging machinery, food products  
Packing house machinery  
Pasteurizing equipment (dairy machinery)  
Peanut roasting machines  
Popcorn machines, commercial type  
Potato peelers, electric  
Presses: cheese, beet, cider, and sugar cane  
Sifters (food machinery)  
Slicing machines, fruit and vegetable: commercial types  
Sterilizers, bottle  
Stuffers, sausage  
Sugar plant machinery  
Testers, milk  
Wrapping machines: bread, confectionery, and other food products

Group Industry  
No. No.  
355

**SPECIAL INDUSTRY MACHINERY, EXCEPT METALWORKING MACHINERY—**

**Continued**

**3552 Textile Machinery**

Establishments primarily engaged in manufacturing machinery for the textile industries, including parts, attachments, and accessories. Establishments primarily engaged in manufacturing domestic or industrial sewing machines are classified in Industry 3636.

|  |   |
|--|---|
| Beaming machines, textile                            | Looms (textile machinery)   |
| Bleaching machinery, textile                         | Loopers (textile machinery)   |
| Bobbins for textile machinery                        | Mercerizing machinery   |
| Braiding machines, textile                           | Napping machines (textile machinery)                                      |
| Carbonizing equipment (wool processing machinery)    | Picker machines (textile machinery)                                       |
| Card clothing for textile machines                   | Picker sticks for looms   |
| Carding machines, textile                            | Printing machinery, textile   |
| Cloth spreading machines                             | Reeds, loom   |
| Combing machines, textile                            | Rope and cordage machines   |
| Creeks, textile machinery                            | Roving machines (textile machinery)                                       |
| Drawing frames, textile                              | Shuttles for textile weaving  |
| Drying machines, textile: for stock, yarn, and cloth | Silk screens, for the textile industry                                    |
| Dyeing machinery, textile                            | Slashing machines (textile machinery)                                     |
| Embroidery machines                                  | Spindles, textile   |
| Finishing machinery, textile                         | Spinning machines, textile  |
| Frames, doubling and twisting (textile machinery)    | Spools, textile machinery: wood   |
| Garmenting machines, textile                         | Textile finishing machinery: bleaching, dyeing, mercerizing, and printing |
| Heddles for loom harnesses, wire                     | Textile machinery   |
| Hosiery machines                                     | Textile machinery parts   |
| Jacquard card cutting machines                       | Textile turnings and shapes, wood   |
| Jacquard loom parts and attachments                  | Thread making machines (spinning machinery)                               |
| Knitting machines                                    | Tufting machines  |
| Knot tying machines (textile machinery)              | Warp and knot tying machines (textile machinery)                          |
| Lace and net machines                                | Warping machines (textile machinery)                                      |
| Lace machine bobbins, wood or metal                  | Winders (textile machinery)   |
| Loom bobbins, wood or metal                          | Wool and worsted finishing machines                                       |
|  | Yarn texturizing machines   |

**3553 Woodworking Machinery**

Establishments primarily engaged in manufacturing machinery for sawmills, planing mills, cabinet and furniture makers, pattern makers, and veneer workers. Establishments primarily engaged in manufacturing hand tools such as planes, axes, drawknives, and hand saws are classified in Group 342; and portable power driven hand tools in Industry 3546.

|   |  |
|---|--|
| Bandsaws, woodworking   | Sawmill machines   |
| Box making machines, for wooden boxes                                   | Saws, power: bench and table (woodworking machinery)—except portable |
| Cabinet makers' machinery   | Scarfing machines (woodworking machinery)                            |
| Furniture makers' machinery (woodworking)                               | Shapers (woodworking machinery)                                      |
| Jointers (woodworking machines)   | Surfacers (woodworking machines)                                     |
| Lathes, wood turning: including accessories                             | Tenoners (woodworking machines)                                      |
| Mortisers (woodworking machines)  | Veneer mill machines   |
| Pattern makers' machinery (woodworking)                                 | Venetian blind machines (woodworking machinery)                      |
| Planers (woodworking machinery)   | Woodworking machines   |
| Planing mill machinery  |  |
| Sanding machines, except portable floor sanders (woodworking machinery) |  |

**3554 Paper Industries Machinery**

Establishments primarily engaged in manufacturing machinery for the pulp, paper, and paper product industries. Establishments primarily engaged in manufacturing printing trades machinery are classified in Industry 3555.

|   |   |
|---|---|
| Bag and envelope making machinery (paper machinery)             | Fourdrinier machines (paper manufacturing machinery)  |
| Box making machines, for paper boxes                            | Paper mill machinery: platers, slitting, waxing, etc. |
| Coating and finishing machinery, paper                          | Paper product machines, except printing machines      |
| Corrugating machines for paper                                  | Pulp mill machinery                                   |
| Cutting and folding machines, paper                             | Sandpaper manufacturing machines                      |
| Die cutting and stamping machinery (paper converting machinery) |   |
| Folding machines, paper: except office machines                 |   |

Group Industry  
No. No.  
355

**SPECIAL INDUSTRY MACHINERY, EXCEPT METALWORKING MACHINERY—  
Continued**

**3555 Printing Trades Machinery and Equipment**

Establishments primarily engaged in manufacturing machinery and equipment used by the printing and bookbinding trades. Establishments primarily engaged in manufacturing textile printing machinery are classified in Industry 3552.

|  |   |
|--|---|
| Advertising and newspaper mats                                   | Monotype machines   |
| Blocking wood for engravers                                      | Offset plates   |
| Blocks, engravers': wood   | Paper ruling and sewing machines<br>(bookbinders' machinery)      |
| Bookbinders' machines  | Photoengraving machines   |
| Bronzing and dusting machines, for the<br>printing trade         | Planes, printers'   |
| Chases and galleys, printers'                                    | Plates, metal: engravers'   |
| Copy holders, printers'  | Presses, printing   |
| Electrotyping machines   | Printers' machines and equipment                                  |
| Engraving machinery and equipment<br>(printing trades machinery) | Printers' plates, of all materials                                |
| Envelope printing presses  | Rollers, printers'  |
| Etching machines (printing trades ma-<br>chinery)                | Rules, printers'  |
| Foundry type, for printing                                       | Slugs, printers'  |
| Gelatin rolls, used in printing                                  | Stereotyping machines   |
| Gravure presses  | Sticks, printers'   |
| Intertype machines   | Type cases, printers'   |
| Leads, printers'   | Type casting, founding, and melting<br>machines                   |
| Linotype machines  | Type: lead, steel, brass, copper faced,<br>etc.                   |
| Lithographic stones  | Typesetting machines: intertypes, lino-<br>types, monotypes, etc. |
| Mallets, printers'   | Typographic numbering machines                                    |
| Mats, advertising and newspaper<br>(matrices)                    |   |

**3559 Special Industry Machinery, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing special industry machinery, not elsewhere classified, such as smelting and refining equipment, cement making, clay working, cotton ginning, glass making, hat making, incandescent lamp making, leather working, paint making, rubber working, cigar and cigarette making, tobacco working, shoe making, and stone working machinery.

|  |  |
|--|--|
| Anodizing equipment (except rolling<br>mill lines)                     | Leather working machinery  |
| Boot making and repairing machinery                                    | Metal finishing equipment for plating,<br>etc. (except rolling mill lines) |
| Brick making machines  | Metal pickling equipment, except roll-<br>ing mill lines                   |
| Broom making machinery   | Metal smelting and refining machinery,<br>except furnaces and ovens        |
| Cement making machinery  | Nuclear reactor control rod and drive<br>mechanism                         |
| Chemical kilns   | Ozone machines   |
| Chemical machinery and equipment                                       | Paint making machinery   |
| Cigarette and cigar making machines                                    | Petroleum refinery equipment   |
| Clay working and tempering machines                                    | Pharmaceutical machinery   |
| Cork working machinery   | Plastics working machinery   |
| Control rod drive mechanisms, for use<br>on nuclear reactors           | Pottery making machinery   |
| Cryogenic machinery, industrial  | Recorders, watch rate  |
| Degreasing machines, industrial  | Rubber products machinery  |
| Desalination equipment   | Rubber working machinery   |
| Die and hub cutting equipment (jewel-<br>ry manufacturing)             | Scouring machines (tannery equip-<br>ment)                                 |
| Drying kilns, lumber   | Shoe making and repairing machinery  |
| Electric photolab plating equipment                                    | Stone working machinery  |
| Electric screening equipment   | Synthetic filament extruding machines                                      |
| Electroplating machinery and equip-<br>ment, except rolling mill lines | Tannery machines   |
| Foundry machinery and equipment  | Tile making machines   |
| Ginning machines, cotton   | Tire grooving machines   |
| Glass making machinery: blowing,<br>molding, forming, grinding, etc.   | Tire retreading machinery and equip-<br>ment                               |
| Hat making and hat renovating<br>machinery                             | Tobacco products machinery   |
| Jewelers' machines   | Trimmers, wallpaper  |
| Kilns: cement, wood, and chemical                                      | Wood drying kilns  |
| Lamp making machinery, incandescent                                    |  |

Group Industry  
No. No.

**356 GENERAL INDUSTRIAL MACHINERY AND EQUIPMENT**

**3561 Pumps and Pumping Equipment**

Establishments primarily engaged in manufacturing pumps and pumping equipment for general industrial use. Establishments primarily engaged in manufacturing measuring and dispensing pumps for gasoline service station use are classified in Industry 3586; and air and gas compressors in Industry 3563.

Cylinders, pump  
Domestic water pumps  
Hydrojet marine engine units  
Pump jacks and other pumping equipment

Pumps, except gasoline and oil measuring and dispensing pumps  
Pumps, for fluid power systems  
Pumps, hydraulic

**3562 Ball and Roller Bearings**

Establishments primarily engaged in manufacturing ball and roller bearings (including ball or roller bearing pillow block, flange, take up cartridge and hanger units) and parts. Establishments primarily engaged in manufacturing bearings, except ball and roller, are classified in Industry 3568.

Bearings, ball and roller  
Flange units for ball or roller bearings  
Pillow block units for ball or roller bearings

Races, ball and roller bearing

**3563 Air and Gas Compressors**

Establishments primarily engaged in manufacturing air and gas compressors for general industrial use. Establishments primarily engaged in manufacturing refrigeration compressors and compressing units are classified in Industry 3585; and pumps and pumping equipment in Industry 3561.

Compressors, air and gas: for general industrial use  
Dusting outfits for metal, paints, and chemicals (portable or vehicular)  
Paint sprayers  
Sprayers, hand: except agricultural

Spraying outfits for metals, paints, and chemicals (compressor units)  
Tire inflators, hand or compressor operated  
Vacuum pumps, except laboratory

**3564 Blowers and Exhaust and Ventilation Fans**

Establishments primarily engaged in manufacturing industrial and commercial blowers, industrial and commercial exhaust and ventilating fans, and attic fans. Establishments primarily engaged in manufacturing air-conditioning units are classified in Industry 3585, and free air-circulating fans for use on desks, pedestals, or wall brackets, as well as household window-type fans and roll-about, kitchen and household ventilating and exhaust fans in Industry 3634.

Air purification and dust collection equipment  
Aircurtains (blower)  
Attic fans  
Blower filter units (furnace blowers)  
Blowers, exhaust fans, and air moving equipment  
Dust and fume collecting equipment, industrial  
Exhaust fans, except household and kitchen

Fans, general industrial and commercial, and all attic fans  
Filters, air: for furnaces, air conditioning equipment, etc.  
Furnace blowers (blower filter units)  
Precipitators, electrostatic  
Turbo-blowers, industrial  
Ventilating, blowing, and exhaust fans: industrial and commercial use

**3565 Industrial Patterns**

Establishments primarily engaged in manufacturing industrial patterns.

Cores, sand (foundry)  
Foundry cores

Foundry patternmaking  
Patterns, industrial

**3566 Speed Changers, Industrial High Speed Drives, and Gears**

Establishments primarily engaged in manufacturing speed changers, industrial high speed drives, and gears. Establishments primarily engaged in manufacturing these items for motor vehicles are classified in Industry 3714, and for aircraft in Industry 3728.

Gears, power transmission: except motor vehicle and aircraft  
Reduction gears and gear units for turbines, except auto and aircraft

Speed changers (power transmission equipment)  
Torque converters, except motor vehicle

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**GENERAL INDUSTRIAL MACHINERY AND EQUIPMENT—Continued**

**3567 Industrial Process Furnaces and Ovens**

Establishments primarily engaged in manufacturing industrial process furnaces, ovens, induction and dielectric heating equipment, and related devices.

|   |  |
|---|--|
| Calcining kilns (industrial furnaces)           | Kilns: except cement, chemical, and wood kilns                       |
| Ceramic kilns and furnaces                      | Lacquering ovens   |
| Core baking and mold drying ovens               | Metal melting furnaces, industrial: electric and fuel fired          |
| Dielectric heating equipment                    | Ovens, industrial process: except bakery                             |
| Distillation ovens, charcoal and coke           | Paint baking and drying ovens  |
| Driers and redriers, industrial process         | Radiant heating systems, "industrial process": dryers, cookers, etc. |
| Enameling ovens                                 | Rubber curing ovens  |
| Furnaces, industrial process                    | Sherardizing ovens   |
| Heat treating ovens                             | Smelting ovens   |
| Heating equipment, induction                    | Vacuum furnaces and ovens  |
| Heating units and devices, industrial: electric |  |
| Induction heating equipment                     |  |
| Infra-red ovens, industrial                     |  |
| Japanning ovens                                 |  |

**3568 Mechanical Power Transmission Equipment, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing mechanical power transmission equipment and parts, for industrial machinery. Establishments primarily engaged in manufacturing automotive, tank, and tractor power transmission equipment are classified in Industry 3714; aircraft power transmission equipment in Industry 3728; ball and roller bearings in Industry 3562; and speed changers, industrial high speed drives, and gears in Industry 3566.

|  |  |
|--|--|
| Ball joints, except automobile and aircraft              | Joints, swivel: except automobile and aircraft |
| Bearings, plain  | Joints, universal: except motor vehicle        |
| Belting, chain   | Pillow blocks, with plain bearings             |
| Clutches, except vehicle                                 | Pivots, power transmission                     |
| Collars, shaft (power transmission equipment)            | Pulleys, power transmission                    |
| Couplings, shaft: rigid, flexible, universal joint, etc. | Railroad journal car bearings                  |
| Drive chains, bicycle and motorcycle                     | Shafts, flexible                               |
|  | Sprockets (power transmission equipment)       |

**3569 General Industrial Machinery and Equipment, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing machinery, equipment, and components for general industrial use, and for which no special classification is provided. Machine shops primarily engaged in producing machine and equipment parts, usually on a job or order basis, are classified in Industry 3599.

|   |   |
|---|---|
| Altitude testing chambers   | Heaters, swimming pool: electric                            |
| Audiometric examination equipment                                   | Hose, fire: except rubber                                   |
| Baling machines, for scrap metal, paper, and similar materials      | Ice crushers (machinery)                                    |
| Blast cleaning equipment, dustless: except metalworking             | Jacks, hydraulic: for general industrial use                |
| Brake burnishing and washing machines                               | Label moisteners, industrial                                |
| Bridge and gate machinery, hydraulic                                | Labeling machines, for general industrial use               |
| Burnishing and washing machines, brake                              | Liquid automation machinery and equipment                   |
| Centrifuges, industrial   | Lubricating systems, centralized                            |
| Compactors (packaging machinery)                                    | Lubrication equipment, industrial                           |
| Cremating ovens   | Lubrication machinery, automatic                            |
| Driers and reel, fire hose  | Motors, air or hydraulic (fluid power)                      |
| Engines, atomic   | Motors, water   |
| Filter elements, fluid: hydraulic line                              | Ordnance testing chambers                                   |
| Filter systems for home swimming pools                              | Ovens, surveillance: for aging and testing powder           |
| Filters, general line industrial: except internal combustion engine | Packaging machines, for general industrial use: except food |
| Filters, pipe line  | Powder testing chambers                                     |
| Fire fighting apparatus, except automotive and chemical             | Presses, metal baling                                       |
| Fire hose, except rubber  | Purifiers, centrifugal                                      |
| Gas producers (machinery)   | Reels and racks, fire hose                                  |
| Gas separators (machinery)  | Rudder actuating hydromotors                                |
| Generators, gas   | Screening and sifting machines, for general industrial use  |
| Generators: steam, liquid oxygen and nitrogen                       | Screws, jack  |
|   | Separators for steam, gas, vapor, and air (machinery)       |

Group Industry  
No. No.

**356 GENERAL INDUSTRIAL MACHINERY AND EQUIPMENT—Continued**

**3569 General Industrial Machinery and Equipment, Not Elsewhere Classified—Continued**

|   |   |
|---|---|
| Sifting and screening machines, for<br>general industrial use | Testing chambers: for altitude, tem-<br>perature, ordnance, power, etc. |
| Steam separators (machinery)                                  | Vapor separators (machinery)  |
| Strainers, pipe line  | Wrapping and packaging machines, ex-<br>cept food wrapping machines     |
| Temperature testing chambers                                  |   |

**357 OFFICE, COMPUTING, AND ACCOUNTING MACHINES**

**3572 Typewriters**

Establishments primarily engaged in manufacturing typewriters and parts, includ-  
ing coded media typewriters and specialized composing typewriters.

Typewriters and parts

Typewriters, including coded media  
and specialized composing type-  
writers

**3573 Electronic Computing Equipment**

Establishments primarily engaged in manufacturing electronic computers and periph-  
eral equipment and/or major logical components intended for use in electronic com-  
puter systems. Included are general-purpose electronic analog computers, electronic  
digital computers, military, ruggedized, and special purpose computers. The electronic  
computers may be used for data processing or may be incorporated as components  
of control equipment for industrial use, and as components of equipment used in  
weapons and weapons systems, space and oceanographic exploration, transportation  
and other systems. Electronic computer systems contain high speed arithmetic and  
program control units, on-line information storage devices, input/output equipment,  
terminals, data communication devices, and punched card equipment. Examples of  
input/output equipment are converters (card and/or tape), readers and printers.  
Examples of storage devices are magnetic drums and disks, magnetic cores and mag-  
netic film memories. In addition to providing technical manuals necessary for the  
operation and maintenance of the equipment, establishments in this industry usually  
furnish general-purpose computer programs and basic operating systems programs  
needed for effective use of the computer system. Establishments primarily producing  
rebuilt electronic computers are also included in this industry. Establishments pri-  
marily engaged in manufacturing desk calculators, cash registers, accounting machines  
and similar equipment, that are operator-paced are classified in Industry 3574; elec-  
trical and electronic test equipment in Industry 3825; industrial controls, including  
electronic, in Industry 3622; and industrial process instruments in Industry 3823.

Accounting machines using machine-  
readable programs  
Analog computers  
Auxiliary storage units  
Calculating machines, electronic: uti-  
lizing machine-readable programs  
Card punching, sorting, and tabulating  
machines  
Central processing units for electronic  
computing systems  
Computing machines, electronic  
Converters, digital and analog: except  
instrumentation type  
Data computing and correcting sys-  
tems, electronic  
Digital computers  
Disk and drum drives and devices,  
magnetic  
Electronic computing machines

Film reader and digital storage photo-  
theodolite devices  
Gun data computers  
Keypunches: key to tape and key to  
disk devices  
Magnetic ink readers, sorters, and in-  
scribers  
Office machine control panels  
Paper tape punches and readers  
Printers, including strip (computer  
peripheral equipment)  
Recorders, tape: for data computers  
Scanners and readers, optical (input  
device)  
Speed computers  
Storage units, computer  
Tabulating machines  
Tape transport systems for electron-  
ic computers



Group  
No. 357

Industry  
No.

**OFFICE, COMPUTING, AND ACCOUNTING MACHINES—Continued**

**3574 Calculating and Accounting Machines, Except Electronic Computing Equipment**

Establishments primarily engaged in manufacturing desk calculators, adding and accounting machines, cash registers, and similar equipment. Included are electronic calculating and accounting machines which even when augmented by attachments, or which include program control or have input/output capabilities, must be paced by operator intervention. Establishments primarily engaged in manufacturing electronic computing equipment are classified in Industry 3573; typewriters in Industry 3572; and office duplicating machines and devices, autographic registers, and other office machines in Industry 3579.

Accounting machines, not using machine readable programs  
Adding machines  
Billing machines  
Bookkeeping machines  
Calculating machines, not utilizing machine readable programs

Cash registers, including adding machines with cash drawers  
Change making machines  
Coin counters  
Registers, credit account

**3576 Scales and Balances, Except Laboratory**

Establishments primarily engaged in manufacturing weighing and force measuring machines and devices of all types, except those regarded as scientific apparatus for laboratory and experimental work which are classified in Industry 3811.

Baby scales  
Balances: coin-operated, automatic computing, etc., except laboratory  
Bathroom scales  
Industrial scales  
Motor truck scales

Railroad track scales  
Scales, including coin-operated and electronic scales  
Weighing machines and apparatus: automatic computing, coin-operated, etc.

**3579 Office Machines, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing office machines and devices, not elsewhere classified. Establishments primarily engaged in manufacturing computing machines are classified in Industry 3573, cash registers in Industry 3574, typewriters in Industry 3572, and photocopy and microfilm equipment in Industry 3861.

Address labeling machines  
Addressing machines, plates and plate embossers  
Binding machines, plastic and adhesive: for store or office use  
Canceling machinery, post office  
Check protectors (machines)  
Check writing, endorsing, or signing machines  
Coin wrapping machines  
Collating machines, for store or office use  
Dating devices and machines, except rubber stamps  
Dictating machines, office types  
Duplicating machines  
Embossing machines, for store and office use  
Envelope stuffing, sealing, and addressing machines  
Forms handling equipment, for store and office use  
Gummed tape moisteners, for store and office use  
Letter folding, stuffing, and sealing machines

List finders, automatic  
Mail tying (bundling) machines  
Mailing machines  
Moisteners, gummed tape: for store and office use  
Numbering machines, office and store: mechanical  
Paper cutters and trimmers (hand office equipment)  
Pencil sharpeners  
Perforators (office machines)  
Postage meters  
Punches, paper: hand  
Registers, autographic  
Scalers, for gummed tape: hand  
Seal presses, notarial, etc.—hand  
Shorthand machines  
Slip sheering machines  
Sorters, filing: office  
Staple removers  
Stapling machines, hand or power  
Ticket counting machines  
Time clocks and time recording devices  
Time stamps, containing clock mechanisms  
Voting machines

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**REFRIGERATION AND SERVICE INDUSTRY MACHINERY**

**3581 Automatic Merchandising Machines**

Establishments primarily engaged in manufacturing automatic merchandising units, also referred to as vending machines (excluding music, amusement, or gaming machines), and coin-operated mechanisms for such machines.

Locks, coin-operated  
Mechanisms for coin-operated machines

Merchandising machines, automatic  
Vending machines, for merchandise: coin-operated

Group Industry  
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353

**REFRIGERATION AND SERVICE INDUSTRY MACHINERY—Continued****3532 Commercial Laundry, Dry Cleaning, and Pressing Machines**

Establishments primarily engaged in manufacturing laundry and dry cleaning equipment and pressing machines for commercial and industrial use. Establishments primarily engaged in manufacturing household laundry equipment, including coin-operated washers and driers, are classified in Industry 3633.

Dry cleaning equipment and machinery, commercial  
Extractors and driers, commercial laundry except coin-operated  
Feather cleaning and sterilizing machinery  
Ironers, commercial laundry and dry cleaning

Laundry machinery and equipment, commercial  
Pressing machines, commercial laundry and dry cleaning  
Rug cleaning, drying and napping machines: commercial laundry  
Washing machines, commercial

**3535 Air Conditioning and Warm Air Heating Equipment and Commercial and Industrial Refrigeration Equipment**

Establishments primarily engaged in manufacturing refrigeration equipment and systems and similar equipment for commercial and industrial use; complete air conditioning units for domestic, commercial, and industrial use; and warm air furnaces, except electric. Establishments primarily engaged in manufacturing soda fountains and beer dispensing equipment and humidifiers and dehumidifiers, except for rooms, are also classified in this industry. Establishments primarily engaged in manufacturing household refrigerators and home and farm freezers are classified in Industry 3632; electric air space heaters in Industry 3634; and electric warm air furnaces and other electric comfort heating equipment in Industry 3699.

Air conditioning condensers and condensing units  
Air conditioning units, complete: domestic and industrial  
Beer dispensing equipment  
Boxes, metal: insulated  
Cabinets, show and display: refrigerated  
Carbonators, soda water  
Cases, show and display: refrigerated  
Cold drink dispensing equipment, except coin-operated  
Compressors for refrigeration equipment  
Coolers, milk and water: electric  
Counters and counter display cases, refrigerated  
Dehumidifiers, except room: electric

Evaporative condensers (heat transfer equipment)  
Fountains, drinking: mechanically refrigerated  
Furnaces: gravity air flow  
Humidifying equipment, except household furnace or room electric  
Ice boxes, industrial: metal or wood  
Ice making machinery  
Lockers, refrigerated  
Refrigeration machinery and equipment, industrial  
Room coolers, portable  
Showcases, refrigerated  
Siphons, soda water  
Soda fountains, parts, and accessories  
Tanks, soda water

**3536 Measuring and Dispensing Pumps**

Establishments primarily engaged in manufacturing measuring and dispensing pumps commonly used in service and filling stations for dispensing gasoline, oil, and grease, including grease guns. Establishments primarily engaged in manufacturing pumps and pumping equipment for general industrial use are classified in Industry 3561.

Dispensing and measuring pumps, gasoline and oil

Grease guns (lubricators)

**3539 Service Industry Machines, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing machines and equipment, not elsewhere classified, for use in service industries, such as floor sanding machines, industrial vacuum cleaners, scrubbing machines, commercial cooking and food warming equipment, and commercial dishwashing machines. Establishments primarily engaged in manufacturing household electrical appliances are classified in Group 363.

Cafeteria food warming equipment  
Car washing machinery, including coin-operated  
Carpet sweepers, except household electric vacuum sweepers

Chock assemblies  
Cookers, steam: restaurant type  
Cooking equipment, commercial  
Dirt sweeping units, industrial  
Dishwashing machines, commercial

Group No. 358 Industry No.

**REFRIGERATION AND SERVICE INDUSTRY MACHINERY—Continued**

**3589 Service Industry Machines, Not Elsewhere Classified—Continued**

|   |  |
|---|--|
| <p>Floor sanding, washing, and polishing machines: portable (commercial type)<br/>                 Food warming equipment, commercial<br/>                 Fryers, commercial: gas<br/>                 Garbage disposers, commercial<br/>                 Janitors' carts<br/>                 Mop wringers<br/>                 Ovens, cafeteria food warming: portable<br/>                 Ovens, microwave (cooking equipment): commercial<br/>                 Pressure cookers, steam: commercial<br/>                 Sanding machines, floor: portable</p> | <p>Scrubbing machines<br/>                 Servicing machines, coin-operated: except dry cleaning and laundry<br/>                 Sewage purification equipment<br/>                 Sewer cleaning equipment, power<br/>                 Vacuum cleaners and sweepers, electric: industrial<br/>                 Water conditioners, for swimming pools<br/>                 Water filters and softeners, household type<br/>                 Water purification equipment, household type</p> |
|---|--|

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**MISCELLANEOUS MACHINERY, EXCEPT ELECTRICAL**

**3592 Carburetors, Pistons, Piston Rings, and Valves**

Establishments primarily engaged in manufacturing carburetors, pistons, piston rings, and valves. Establishments primarily engaged in manufacturing metallic packing are classified in Industry 3293; and those primarily engaged in manufacturing machine repair and equipment parts (except electric), on a job or order basis for others, are classified in Industry 3599.

|   |  |
|---|--|
| <p>Carburetors, all types<br/>                 Pistons and piston rings<br/>                 Valves, aircraft</p> | <p>Valves, engine<br/>                 Valves, motor vehicle</p> |
|---|--|

**3599 Machinery, Except Electrical, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing machinery and parts except electrical, not elsewhere classified, such as amusement park equipment, pneumatic and hydraulic cylinders, and flexible metal hose and tubing. This industry also includes establishments primarily engaged in producing or repairing machine and equipment parts, not elsewhere classified, on a job or order basis for others.

|   |  |
|---|--|
| <p>Amusement machines and equipment for carnivals<br/>                 Bellows, industrial: metal<br/>                 Boiler tube cleaners<br/>                 Carousels (merry-go-rounds)<br/>                 Catapults<br/>                 Chemical milling job shops<br/>                 Cleaners, boiler tube<br/>                 Column clamps and shores<br/>                 Crankshafts and camshafts, machining<br/>                 Cups, oil and grease: metal<br/>                 Cylinders: fluid power, hydraulic and pneumatic<br/>                 Fan forges<br/>                 Ferris wheels</p> | <p>Filters, internal combustion engine: oil, gasoline, air intake<br/>                 Grinding castings for the trade<br/>                 Hose, flexible metallic<br/>                 Leak detectors, water<br/>                 Machine shops, jobbing and repair<br/>                 Pump governors, for gas machines<br/>                 Riddles, sand (hand sifting or screening apparatus)<br/>                 Sludge tables<br/>                 Swage blocks<br/>                 Ties, form: metal<br/>                 Tubing, flexible metallic<br/>                 Weather vanes</p> |
|---|--|

## Major Group 36.—ELECTRICAL AND ELECTRONIC MACHINERY, EQUIPMENT, AND SUPPLIES

### *The Major Group as a Whole*

This major group includes establishments engaged in manufacturing machinery, apparatus, and supplies for the generation, storage, transmission, transformation, and utilization of electrical energy. The manufacture of household appliances is included in this group, but industrial machinery and equipment powered by built-in or detachable electric motors is classified in Major Group 35. Establishments primarily engaged in manufacturing instruments for indicating, measuring, and recording electrical quantities are classified in Industry 3825.

Group No.    Industry No.

### 361            ELECTRIC TRANSMISSION AND DISTRIBUTION EQUIPMENT

#### 3612    Power, Distribution, and Specialty Transformers

Establishments primarily engaged in manufacturing power, distribution, instrument, and specialty transformers. Establishments primarily engaged in manufacturing radio frequency or voice frequency transformers, coils, or chokes are classified in Industry 3677, and resistance welder transformers in Industry 3623.

|  |  |
|--|--|
| <ul style="list-style-type: none"> <li>Airport lighting transformers</li> <li>Autotransformers, electric (power transformers)</li> <li>Autotransformers for switchboards, except telephone switchboards</li> <li>Ballasts for lighting fixtures</li> <li>Control transformers</li> <li>Current limiting reactors, electrical</li> <li>Distribution transformers, electric</li> <li>Doorbell transformers, electric</li> <li>Electric furnace transformers</li> <li>Feeder voltage regulators and boosters (electric transformers)</li> <li>Fluorescent ballasts</li> <li>Generator voltage regulators, electric induction and step type</li> <li>Ignition transformers</li> <li>Instrument transformers, except portable</li> <li>Lighting transformers, fluorescent</li> <li>Lighting transformers, street and airport</li> </ul> | <ul style="list-style-type: none"> <li>Line voltage regulators</li> <li>Luminous tube transformers</li> <li>Machine tool transformers</li> <li>Ratio transformers</li> <li>Rectifier transformers</li> <li>Regulators, transmission and distribution voltage</li> <li>Signaling transformers, electric</li> <li>Specialty transformers</li> <li>Street lighting transformers</li> <li>Toy transformers</li> <li>Transformers, electric power</li> <li>Transformers, for electronic meters</li> <li>Transformers, reactor</li> <li>Tripping transformers</li> <li>Vibrators, interrupter</li> <li>Voltage regulating transformers, electric power</li> <li>Voltage regulators, transmission and distribution</li> </ul> |
|--|--|

#### 3613    Switchgear and Switchboard Apparatus

Establishments primarily engaged in manufacturing switchgear and switchboard apparatus. Important products of this industry include power switches, circuit breakers, power switching equipment, and similar switchgear for general industrial application; switchboards and cubicles, control and metering panels, power fuse mountings, and similar switchboard apparatus and supplies. Establishments primarily engaged in manufacturing industrial controls are classified in Industry 3622, and those manufacturing current-carrying wiring devices in Industry 3643.

|  |   |
|--|---|
| <ul style="list-style-type: none"> <li>Air circuit breakers, with interrupting ratings of over 10,000 amperes</li> <li>Bus bar structures</li> <li>Circuit breakers, air: with interrupting ratings of over 10,000 amperes</li> <li>Circuit breakers, power</li> <li>Control panels, electric</li> <li>Cubicles (electric switchboard equipment)</li> <li>Distribution boards, electric</li> <li>Distribution cutouts</li> <li>Fuse clips and blocks, electric</li> <li>Fuse devices, power: 600 volts and over</li> <li>Fuse mountings, electric power</li> <li>Fuses, electric</li> <li>Generator control and metering panels</li> </ul> | <ul style="list-style-type: none"> <li>Knife switches, electric</li> <li>Metering panels, electric</li> <li>Panelboards and distribution boards, electric</li> <li>Panels, electric control and metering</li> <li>Power connectors</li> <li>Power switching equipment</li> <li>Regulators, power</li> <li>Switchboard apparatus, except instruments</li> <li>Switchboards and parts, power</li> <li>Switches, electric power: except snap, push button, tumbler, and solenoid</li> <li>Switchgear and switchgear accessories</li> <li>Time switches, electrical switchgear apparatus</li> </ul> |
|--|---|

Group No. 362 Industry No.

**ELECTRICAL INDUSTRIAL APPARATUS**

**3621 Motors and Generators**

Establishments primarily engaged in manufacturing electric motors (except starting motors) and power generators; motor generator sets; railway motors and control equipment; and motors, generators, and control equipment for gasoline, electric, and oil-electric buses and trucks. Establishments primarily engaged in manufacturing turbo-generators are classified in Industry 3511, and starting motors and battery charging generators for internal combustion engines in Industry 3694.

- |  |  |
|--|--|
| Armatures, industrial  | Inverters, rotating; electrical                              |
| Coils, for motors and generators   | Motor generator sets, except automotive and turbo-generators |
| Collector rings, for motors and generators                               | Motor housings   |
| Commutators, electric motor  | Motors, electric: except starting motors                     |
| Control equipment for busses and trucks                                  | Power generators   |
| Converters, frequency (electric generators)                              | Railway motors and control equipment, electric               |
| Converters, phase and rotary (electrical equipment)                      | Resolvers  |
| Dynamos, electric: except automotive                                     | Rotary converters (electrical equipment)                     |
| Dynamotors   | Rotor retainers and housings                                 |
| Exciter assemblies (motor and generator parts)                           | Rotors, for motors   |
| Frequency converters (electric generators)                               | Servo motors   |
| Generating apparatus and parts, electrical: except auto and arc welding  | Slip rings, for motors and generators                        |
| Generator sets: gasoline, diesel, and dual fuel                          | Starting equipment, for street cars                          |
| Generators and sets, electric: except auto, welding and turbo-generators | Stators, for motors  |
| Generators for gas-electric and oil-electric vehicles                    | Storage battery chargers, motor and engine generator type    |
| Generators for storage battery chargers, except auto and aircraft        | Synchronous condensers and timing motors, electric           |
|  | Synchros   |
|  | Torque motors, electric                                      |

**3622 Industrial Controls**

Establishments primarily engaged in manufacturing motor starters and controllers; control accessories, electronic controls, and other industrial controls. Establishments primarily engaged in manufacturing automatic temperature controls are classified in Industry 3822, and industrial process instruments in Industry 3823.

- |   |  |
|---|--|
| Armature relays   | Positioning controls, electric                                   |
| Brakes, electromagnetic   | Resistors and resistor units, except for electronic end products |
| Controls and control accessories, industrial: electric and electronic | Rheostats, except for electronic end products                    |
| Controls, resistance welder   | Solenoid switches (industrial controls)                          |
| Electromagnetic clutches and brakes                                   | Timing devices, electronic                                       |
| Marine and navy auxiliary controls                                    | Truck controls, industrial battery                               |
| Motor controls, electric  |  |
| Motor starters and controllers, electric                              |  |

**3623 Welding Apparatus, Electric**

Establishments primarily engaged in manufacturing electric welding apparatus and accessories. Establishments primarily engaged in coating welding wire from purchased wire or from wire drawn in the same establishment are also included. Establishments primarily engaged in manufacturing gas welding apparatus are classified in Industry 3549, and laser, electron beam, and ultrasonic welding machines and equipment in Industry 3662.

- |   |   |
|---|---|
| Arc welders: generator, a.c. and d.c.             | Seam welding apparatus, electric            |
| Arc welders, transformer-rectifier                | Spot welding apparatus, electric            |
| Arc welders, transformers (separate)              | Transformers (separate), for arc welders    |
| Electrode holders, for electric welding apparatus | Welding apparatus and accessories, electric |
| Electrodes, electric welding                      | Welding wire, bare and coated               |
| Generators (separate), for arc welders            | Welding wire, electric                      |
| Resistance welders, electric                      |   |

Group Industry  
No. No.

**362 ELECTRICAL INDUSTRIAL APPARATUS—Continued**

**3624 Carbon and Graphite Products**

Establishments primarily engaged in manufacturing lighting carbons; carbon, graphite, and metal-graphite brushes and brush stock; carbon or graphite electrodes for thermal and electrolytic uses; and other carbon, graphite, and metal-graphite products.

|   |  |
|---|--|
| Brush blocks, carbon or molded graphite                           | Carbons, electric  |
| Brushes and brush stock contacts: carbon, graphite, etc.—electric | Electrodes, for thermal and electrolytic uses: carbon and graphite |
| Carbon specialties for electrical use                             | Lighting carbons   |

**3629 Electrical Industrial Apparatus, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing industrial and commercial electric apparatus and equipment, not elsewhere classified, such as blasting machines, and fixed and variable capacitors, condensers, and rectifiers for industrial applications. Establishments primarily engaged in manufacturing condensers, capacitors, and rectifiers for electronic end products are classified in Group 367.

|  |   |
|--|---|
| Battery chargers, rectifying or non-rotating               | Electrochemical generators (fuel cells)               |
| Blasting machines, electrical                              | Inverters, nonrotating: electrical                    |
| Capacitors, a.c.: for motors and fluorescent lamp ballasts | Mercury arc rectifiers (electrical apparatus)         |
| Capacitors, except electronic: fixed and variable          | Power conversion units, a.c. to d.c.: static-electric |
| Condensers, except electronic: fixed and variable          | Rectifiers (electrical apparatus)                     |
| Condensers for motors and generators                       | Series capacitors, except electronic                  |
| Current collector wheels, for trolley rigging              | Static elimination equipment, industrial              |
|  | Thermo-electric generators                            |

**363 HOUSEHOLD APPLIANCES**

**3631 Household Cooking Equipment**

Establishments primarily engaged in manufacturing household cooking equipment, such as stoves, ranges, and ovens, including both electric and nonelectric types. Establishments primarily engaged in manufacturing household cooking appliances, such as hot plates, grills, percolators, and toasters are classified in Industry 3634. Establishments primarily engaged in manufacturing commercial cooking equipment are classified in Industry 3589.

|   |                                       |
|---|---------------------------------------|
| Barbecues, grills, and braziers for outdoor cooking | Microwave ovens, household            |
| Cooking equipment, household                        | Ovens, household: except portable     |
| Gas ranges, domestic                                | Ranges: electric, gas, etc.—household |
|   | Stoves, disk                          |

**3632 Household Refrigerators and Home and Farm Freezers**

Establishments primarily engaged in manufacturing household refrigerators and home and farm freezers. Establishments primarily engaged in manufacturing commercial and industrial refrigeration equipment, packaged room coolers, and all refrigeration compressor and condenser units are classified in Industry 3585, and room dehumidifiers are classified in Industry 3634.

|  |   |
|--|---|
| Freezers, home and farm                          | Refrigerators, mechanical and absorption: household |
| Ice boxes, household: metal or wood              |   |
| Refrigerator cabinets, household: metal and wood |   |

Group  
No. 363

Industry  
No.

## HOUSEHOLD APPLIANCES—Continued

### 3633 Household Laundry Equipment

Establishments primarily engaged in manufacturing laundry equipment such as washing machines, wringers, driers, and ironers for household use. This industry also includes coin-operated washers and driers. Establishments primarily engaged in manufacturing commercial laundry equipment are classified in Industry 3582.

Driers, laundry: household and coin-operated  
Dry cleaning and laundry machines, household: including coin-operated  
Ironers and mangles, household

Laundry machinery, household and coin-operated  
Washing machines, household: including coin-operated  
Wringers, domestic laundry

### 3634 Electric Housewares and Fans

Establishments primarily engaged in manufacturing electric housewares for heating, cooking, and other purposes; and electric fans, including ventilating and exhaust household-type fans. Important products of this industry include electric air heaters, electrically heated bed coverings, blenders, broilers, deep fat fryers, flat irons, food mixers, hot plates, percolators and coffee makers, roasters, toasters, desk and bracket fans, hassock or floor fans, window-type propeller fans, roll-about fans and household and kitchen ventilating and exhaust fans. Establishments primarily engaged in manufacturing industrial and commercial blowers, industrial and commercial exhaust and ventilating fans, and attic fans are classified in Industry 3564.

Bed coverings, electric  
Blenders, electric  
Blowers, portable: electric  
Bottle warmers, household: electric  
Broilers, electric  
Can openers, electric  
Casseroles, electric  
Chafing dishes, electric  
Cigar lighters, electric  
Cigarette lighters, electric  
Coffee makers, household: electric  
Cooking appliances, household: electric  
Curling irons, electric  
Deep fat fryers, household: electric  
Dehumidifiers: room, electric  
Desk fans, electric  
Driers: hand, face, and hair—electric  
Dry shavers (electric razors)  
Egg cookers, electric  
Fans, electric: household—exhaust and ventilating, except attic fans  
Floor fans, electric  
Food mixers, household: electric  
Fryers, household: electric  
Griddles and grills, household: electric  
Hair curlers, electric  
Hair driers, electric: except equipment designed for beauty parlor use  
Hassock fans, electric  
Heaters, immersion: household—electric  
Heaters, space: electric  
Heaters, tape  
Heating pads, electric  
Heating units, baseboard or wall: electric (radiant heating element)

Heating units, for electric appliances  
Hot plates, electric  
Humidifiers, electric: household  
Irons, domestic: electric  
Juice extractors, electric  
Knives, electric  
Massage machines, electric: except designed for beauty and barber shop  
Ovens, household: portable  
Percolators, electric  
Popcorn poppers, for home use: electric  
Propeller fans, window-type (household)  
Radiators, electric  
Razors, electric  
Roasters, electric  
Sandwich toasters and grills, household: electric  
Sauna heaters, electric  
Shoe polishers, electric  
Teakettles, electric  
Toasters, household: electric  
Toothbrushes, electric  
Trouser pressers, electric  
Unit heaters, household: electric  
Urns, electric  
Vaporizers, electric: household  
Ventilating fans, electric: household—kitchen  
Waffle irons, electric  
Wall heaters, household: electric  
Water pulsating devices, electric  
Whippers, household: electric

### 3635 Household Vacuum Cleaners

Establishments primarily engaged in manufacturing vacuum cleaners for household use. Establishments primarily engaged in manufacturing vacuum cleaners for industrial use are classified in Industry 3589, and built in vacuum cleaner systems in Industry 1796.

Vacuum cleaners and sweepers, electric: household

Group Industry  
No. No.

**363 HOUSEHOLD APPLIANCES—Continued**

**3636 Sewing Machines**

Establishments primarily engaged in manufacturing sewing machines for domestic and industrial use.

Bag seaming and closing machines  
(sewing machinery)  
Button sewing machines  
Buttonhole and eyelet machines and  
attachments, domestic and industrial

Fur sewing machines  
Sewing machines and attachments, domestic and industrial

**3639 Household Appliances, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing household appliances, not elsewhere classified, such as water heaters, dishwashers, and food waste disposal units

Dishwashing machines, household  
Floor waxers and polishers, household: electric

Garbage disposal units, household  
Trash compactors, household  
Water heaters, household

**364 ELECTRIC LIGHTING AND WIRING EQUIPMENT**

**3641 Electric Lamps**

Establishments primarily engaged in manufacturing electric bulbs, tubes, and related light sources. Important products of this industry include incandescent filament lamps, vapor and fluorescent lamps, photoflash and photoflood lamps, electrotherapeutic lamp units for ultra-violet and infra-red radiation, and other electric light sources. Establishments primarily engaged in manufacturing glass blanks for bulbs are classified in Industry 3229; and lamp components, such as supports, filaments, lead-in wires and cold cathode fluorescent lamp electrodes, in Industry 3690.

Bulbs, electric light: complete  
Electrotherapeutic lamp units for  
ultra-violet and infra-red radiation  
Flashlight bulbs, photographic  
Glow lamps  
Infra-red lamps  
Lamps, electric: incandescent filament,  
fluorescent, and vapor  
Lamps, health: infra-red and ultra-  
violet radiation

Lamps, sealed beam  
Light bulbs, electric: complete  
Photoflash and photoflood lamps  
Pilot lights, radio  
Strobotrons  
Tubes, electric light  
Ultra-violet lamps

**3643 Current-Carrying Wiring Devices**

Establishments primarily engaged in manufacturing current-carrying wiring devices. Important products of this industry include attachment plugs and caps, convenience outlets, lamp sockets and receptacles, snap switches, conductor connectors, overhead trolley line material, rail bonds for both propulsion and signal circuits, lightning arrestors, and other lightning protective equipment.

Bus bars (electrical conductors)  
Caps and plugs, attachment: electric  
Connectors and terminals for electrical  
devices  
Contacts, electrical: except carbon and  
graphite  
Convenience outlets, electric  
Cord connectors, electric  
Current taps, attachment plug and  
screw shell types  
Cutouts, switch and fuse  
Dial light sockets, radio  
Fluorescent starters  
Fuse cutouts  
Ground clamps (electric wiring de-  
vices)

Lamp sockets and receptacles (electric  
wiring devices)  
Lightning arrestors and coils  
Lightning protection equipment  
Plugs, electric  
Rail bonds, electric: for propulsion and  
signal circuits  
Snap switches, electric  
Sockets, electric  
Solderless connectors (electric wiring  
devices)  
Starting switches, fluorescent  
Switch cutouts  
Switches: snap, tumbler, pressure, etc.  
(electric wiring devices)  
Trolley line material, overhead



Group  
No. 364  
Industry  
No.

**ELECTRIC LIGHTING AND WIRING EQUIPMENT—Continued**

**3644 Noncurrent-Carrying Wiring Devices**

Establishments primarily engaged in manufacturing noncurrent-carrying wiring devices. Important products of this industry include conduits and fittings; electrical insulators and insulation materials, except porcelain insulators (Industry 3264) and glass insulators (Industry 3229); outlet, switch and fuse boxes; and pole line hardware.

Boxes: junction, outlet, switch, and fuse (electric wiring devices)  
Conduits and fittings, electrical  
Face plates (wiring devices)  
Insulators and insulation materials, electrical: except glass, porcelain

Pole line hardware  
Raceways  
Snubbers for CATV systems  
Terminal boards

**3645 Residential Electric Lighting Fixtures**

Establishments primarily engaged in manufacturing residential electric lighting fixtures and equipment, fixed or portable. Establishments primarily engaged in producing glassware for lighting fixtures are classified in Major Group 32; electric light bulbs, tubes, and related light sources in Industry 3641; lamp shades except glass and metal in Industry 3900; and nonelectric fixtures and portable electric flashlights, lanterns and similar lamps in Industry 3648.

Boudoir lamps  
Chandeliers, residential  
Desk lamps, residential  
Floor lamps  
Fluorescent lighting fixtures, residential  
Garden, patio, walkway and yard lighting fixtures: electric

Lamp shades, metal  
Lamps (lighting fixtures), residential: electric  
Light shades, metal  
Lighting fixtures, residential: electric  
Lights, yard: electric  
Table lamps  
Wall lamps

**3646 Commercial, Industrial, and Institutional Electric Lighting Fixtures**

Establishments primarily engaged in manufacturing commercial, industrial, and institutional electric lighting fixtures. Establishments primarily engaged in producing glassware for lighting fixtures are classified in Major Group 32; residential lighting fixtures in Industry 3645; and vehicular lighting fixtures in Industry 3647.

Chandeliers, commercial  
Commercial lighting fixtures  
Electroluminescents (lighting fixtures)  
Fluorescent lighting fixtures, commercial

Luminous panel ceilings  
Ornamental lighting fixtures, commercial

**3647 Vehicular Lighting Equipment**

Establishments primarily engaged in manufacturing vehicular lighting equipment.

Aircraft lighting fixtures  
Automobile headlights and spotlights  
Automotive lighting fixtures  
Bicycle lamps  
Boat and ship lighting fixtures  
Clearance lamps and reflectors, motor vehicle  
Dome lights, auto  
Flasher lights, automobile  
Fog lights  
Headlights (fixtures) for motor vehicles, locomotives, etc.

Lamps, marker and clearance: motor vehicle  
Locomotive and railroad car lights  
Marker lamps, motor vehicle  
Motorcycle lamps  
Parking lights, auto  
Reflectors, clearance: motor vehicle  
Spotlights, automobile  
Streetcar lighting fixtures  
Tail lights, motor vehicle

Group Industry  
No. No.

**364 ELECTRIC LIGHTING AND WIRING EQUIPMENT—Continued**

**3648 Lighting Equipment, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing lighting fixtures and equipment, electric and nonelectric, not elsewhere classified, including flashlights and similar portable lamps, searchlights, ultra-violet lamp fixtures, and infra-red lamp fixtures. Establishments primarily engaged in manufacturing electric light bulbs, tubes, and related light sources are classified in Industry 3641, and those producing glassware for lighting fixtures are classified in Major Group 32.

Arc lamps, except electrotherapeutic  
Area and sports luminaries  
Aviation, runway approach, taxi and  
ramp lighting fixtures  
Decorative area lighting fixtures, ex-  
cept residential  
Flashlights  
Floodlights  
Fountain lighting fixtures  
Gas lighting fixtures  
Lamp fixtures, infra-red  
Lanterns: electric, gas, carbide, kero-  
sene, and gasoline

Miners' lamps  
Public lighting fixtures  
Reflectors, for lighting equipment:  
metal  
Searchlights  
Spotlights, except automobile  
Stage lighting equipment  
Street lighting fixtures, except traffic  
signals  
Swimming pool lighting fixtures  
Ultra-violet lamp fixtures  
Underwater lighting fixtures

**365 RADIO AND TELEVISION RECEIVING EQUIPMENT, EXCEPT COMMUNICA-  
TION TYPES**

**3651 Radio and Television Receiving Sets, Except Communication Types**

Establishments primarily engaged in manufacturing electronic equipment for home entertainment, including auto radios and tape players. This industry also includes establishments primarily engaged in manufacturing public address systems and music distribution apparatus. Establishments primarily engaged in manufacturing phonograph records and pre-recorded tape are classified in Industry 3652. Establishments primarily engaged in manufacturing separate cabinets for home electronic equipment are classified in Major Group 25.

Amplifiers: radio, public address, or  
musical instrument  
Audio electronic systems, except com-  
munication  
Coin-operated phonographs  
FM and AM tuners  
Home recorders, cassette, cartridge  
and reel  
Juke boxes  
Loudspeakers, electrodynamic and  
magnetic  
Microphones  
Music distribution apparatus, except  
records or tape  
Musical instrument amplifiers  
Phonograph and radio combinations  
Phonograph turntables

Phonographs, including coin-operated  
Pickup heads, phonograph  
Pillows, stereo  
Public address systems  
Radio and phonograph combinations  
Radio receiving sets  
Recording machines, music and speech:  
except office and industrial  
Sound reproducing equipment: except  
motion picture  
Speaker monitors  
Speaker systems  
Television receiving sets  
Turntables, for phonographs  
Video triggers (remote control TV de-  
vices)

**3652 Phonograph Records and Pre-recorded Magnetic Tape**

Establishments primarily engaged in manufacturing phonograph records and pre-recorded magnetic tape. Establishments primarily engaged in manufacturing electronic equipment for home entertainment, except records and pre-recorded magnetic tape, are classified in Industry 3651.

Magnetic tape, pre-recorded  
Master records or tapes, preparation of  
Phonograph record blanks  
Phonograph records (including prepa-  
ration of the master)

Pre-recorded magnetic tape  
Record blanks, phonograph  
Recording studios  
Records, phonograph  
Tape, magnetic: pre-recorded

Group Industry  
No. No.  
366

**COMMUNICATION EQUIPMENT**

**3661 Telephone and Telegraph Apparatus**

Establishments primarily engaged in manufacturing wire telephone and telegraph equipment, and parts especially designed for telephone and telegraph use.

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>Autotransformers for telephone switchboards</li> <li>Carrier equipment, telephone and telegraph</li> <li>Communication headgear, telephone</li> <li>Data sets, telephone and telegraph</li> <li>Electronic secretary</li> <li>Headsets, telephone</li> <li>Message concentrators</li> <li>PBX equipment, dial and manual</li> <li>Switchboards, underwater: telephone and telegraph</li> </ul> | <ul style="list-style-type: none"> <li>Telegraph office switching equipment</li> <li>Telephone central office equipment, dial and manual</li> <li>Telephone dialing devices, automatic</li> <li>Telephone sets, all types</li> <li>Telephone station equipment and parts, wire</li> <li>Telephones, sound powered (no battery)</li> <li>Telephones, underwater</li> <li>Teletypewriters</li> <li>Telewriters</li> </ul> |
|---|---|

**3662 Radio and Television Transmitting, Signaling, and Detection Equipment and Apparatus**

Establishments primarily engaged in manufacturing (1) radio and television broadcasting equipment; (2) electric communication equipment and parts, except telephone and telegraph; (3) electronic field detection apparatus, light and heat emission operating apparatus, object detection apparatus and navigational electronic equipment, and aircraft and missile control systems; and (4) high energy particle accelerator systems and equipment designed and sold as a complete package for radiation therapy, irradiation, radiographic inspection, and research (linear accelerators, betatrons, dynamotrons, Vandergraft generators, resonant transformers, insulating core transformers, etc.); (5) high energy particle electronic equipment and accessories sold separately for the construction of linear accelerators, cyclotrons, synchrotrons, and other high energy research installations (transmitters/modulators, accelerating waveguide structures, pulsed electron guns, vacuum systems, cooling systems, etc.); (6) other electric and electronic communication and signaling products, not elsewhere classified. Establishments primarily engaged in manufacturing transmitting tubes are classified in Industry 3673.

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>Accelerating waveguide structures</li> <li>Air traffic control systems and equipment, electronic</li> <li>Aircraft control systems, electronic</li> <li>Amplifiers: other than radio, public address, and musical instrument</li> <li>Antennas, radar and communications</li> <li>Antennas, television transmitting</li> <li>Atom smasher (particle accelerators)</li> <li>Betatrons</li> <li>Broadcasting equipment, radio and television</li> <li>Burglar alarm apparatus, electric</li> <li>Cleaning equipment, ultrasonic</li> <li>Communication equipment and parts, electronic: except telephone, telegraph</li> <li>Communication equipment, mobile and micro-wave</li> <li>Control receivers</li> <li>Countermeasure simulators, electric</li> <li>Cyclotrons</li> <li>Detection apparatus: electronic and magnetic field, and light and heat</li> <li>Digital encoders</li> <li>Direction finders, radio</li> <li>Door opening control devices, radio and photoelectric cell operated</li> <li>Dynamotrons</li> <li>Electron beam metal cutting, forming and welding machines</li> <li>Electron beam welders</li> <li>Electron linear accelerators</li> <li>Electronic control, detection, or communication systems</li> <li>Electronic field detection apparatus</li> <li>Electrostatic particle accelerators</li> </ul> | <ul style="list-style-type: none"> <li>Facsimile equipment, radio</li> <li>Fire alarm apparatus, electric</li> <li>Fire control and bombing equipment, electronic</li> <li>Flight simulators (training aids), electronic</li> <li>Geophysical and meteorological electronic equipment</li> <li>Heat emission operating apparatus</li> <li>Highway signals, electric</li> <li>Hydrophones</li> <li>Inertial guidance systems</li> <li>Infra-red object detection equipment</li> <li>Instrument landing systems (ILS), airborne and ground</li> <li>Intercommunication systems, electric</li> <li>Laser systems and equipment, except scientific and engineering instruments</li> <li>Light and heat emission operating apparatus</li> <li>Linear accelerators</li> <li>Loran equipment</li> <li>Magnetic amplifiers, except home type</li> <li>Magnetic field detection apparatus</li> <li>Marine horns, electric</li> <li>Maser equipment, all types</li> <li>Micro-wave communication equipment</li> <li>Missile control systems</li> <li>Missile fuel management systems</li> <li>Mobile communication equipment</li> <li>Modems, except telephone and telegraph data sets</li> <li>Multiplex equipment</li> <li>Navigational electronic equipment (ILS, DME, VOR, TACAN)</li> <li>Object detection apparatus (radar)</li> </ul> |
|---|--|

Group Industry  
No. No.

**366 COMMUNICATION EQUIPMENT—Continued**

**3662 Radio and Television Transmitting, Signaling, and Detection Equipment and Apparatus—Continued**

|  |  |
|--|--|
| Particle accelerators, high voltage                              | Sirens, electric: vehicle, marine, industrial, and air raid                |
| Photographic control systems, electronic                         | Sonar equipment  |
| Phototransmission equipment, radio                               | Sound signaling devices, electrical  |
| Pulsed electron guns   | Target signals, synthetic: to operate radar receivers and repeaters        |
| Radar equipment  | Telemetering equipment, electronic   |
| Radio and television switching equipment                         | Television antennas (transmitting) and ground equipment                    |
| Radio antennas (transmitting and receiving) and ground equipment | Television closed circuit equipment  |
| Radio compasses  | Television monitors  |
| Radio receiver networks  | Time decoders  |
| Radio telephone and telegraph equipment, except tubes            | Traffic signals, electric  |
| Railroad signaling devices, electric                             | Training devices, electronic   |
| Receiver-transmitter units (transceiver)                         | Transmitting apparatus, radio and television: except tubes                 |
| RF power amplifiers, and IF amplifiers: sold separately          | Transponders   |
| Satellites   | Ultrasonic cleaning equipment  |
| Sighting and fire control equipment, electronic type             | Ultrasonic generators sold separately for inclusion in tools and equipment |
| Signaling apparatus, electric                                    | Ultrasonic welding machines and equipment                                  |
| Signals: railway, highway, and traffic—electric                  | Underwater sound equipment   |
|  | Waveguide pressurization equipment   |
|  | Weapon simulators  |

**367 ELECTRONIC COMPONENTS AND ACCESSORIES**

**3671 Radio and Television Receiving Type Electron Tubes, Except Cathode Ray**

Establishments primarily engaged in manufacturing radio and television receiving type electron tubes, except cathode ray tubes. Establishments primarily engaged in manufacturing television receiving type cathode ray tubes are classified in Industry 3672; transmitting tubes in Industry 3673; and X-ray tubes in Industry 3693.

Electron tubes, radio and television receiving: except cathode ray tubes

**3672 Cathode Ray Television Picture Tubes**

Establishments primarily engaged in manufacturing television receiving type cathode ray tubes. Establishments primarily engaged in manufacturing other radio and television receiving type electron tubes are classified in Industry 3671; and transmitting tubes in Industry 3673.

Cathode ray television receiving type tubes  
Picture tube reprocessing

Television receiving type tubes, cathode ray

**3673 Transmitting, Industrial, and Special Purpose Electron Tubes**

Establishments primarily engaged in manufacturing transmitting, industrial, and special purpose electron tubes. Establishments primarily engaged in manufacturing radio and television receiving tubes are classified in Industry 3671; television receiving type cathode ray tubes in Industry 3672; and X-ray tubes in Industry 3693.

Cathode ray tubes, except television receiving type  
Electron beam (beta ray) generator tubes  
Electron tubes: transmitting, industrial, and special purpose  
Gas and vapor tubes  
Geiger Mueller tubes  
Industrial electron tubes

Klystron tubes  
Light sensing and emitting tubes  
Magnetrons  
Transmitting electron tubes  
Traveling wave tubes  
Tubes for operating above the X-ray spectrum (with shorter wavelength)  
Vacuum capacitors, relays, and switches

Group  
No. 367

Industry  
No. **ELECTRONIC COMPONENTS AND ACCESSORIES—Continued**  
**3674 Semiconductors and Related Devices**

Establishments primarily engaged in manufacturing semiconductor and related solid state devices, such as semiconductor diodes and stacks, including rectifiers, integrated microcircuits (semiconductor networks), transistors, solar cells, and light sensing and emitting semiconductor (solid state) devices.

- |  |  |
|--|--|
| Computer logic modules                         | Parametric diodes  |
| Controlled rectifiers, solid state             | Photoelectric cells, solid state (electronic eye)                |
| Diodes, solid state (germanium, silicon, etc.) | Photovoltaic devices, solid state                                |
| Electronic devices, solid state                | Rectifiers, solid state  |
| Fuel cells, solid state                        | Semiconductor circuit networks (solid state integrated circuits) |
| Gunn effect device                             | Semiconductors (transistors, diodes, etc.)                       |
| Hall effect devices                            | Solar cells  |
| Hybrid integrated circuits                     | Solid state electronic devices                                   |
| Infra-red sensors, solid state                 | Strain gages, solid state  |
| Light emitting diodes                          | Stud bases or mounts for semiconductor devices                   |
| Light sensitive devices, solid state           | Switches, silicon control  |
| Magnetic bubble memory device                  | Thermionic devices, solid state                                  |
| Magnetohydrodynamic (MHD) devices              | Thermoelectric devices, solid state                              |
| Memories, solid state                          | Thin film circuits   |
| Metal oxide silicon (MOS) devices              | Transistors  |
| Microcircuits, integrated (semiconductor)      | Tunnel diodes  |
| Modules, solid state                           | Ultra-violet sensors, solid state                                |
| Molecular devices, solid state                 | Variable capacitance diodes                                      |
| Monolithic integrated circuits (solid state)   | Zener diodes   |
| Nuclear detectors, solid state                 |  |

**3675 Electronic Capacitors**

Establishments primarily engaged in manufacturing electronic capacitors.

- |  |   |
|--|---|
| Capacitors, electronic: fixed and variable | Condensers, for electronic end products |
|--|---|

**3676 Resistors, for Electronic Applications**

Establishments primarily engaged in manufacturing resistors for electronic end products. Establishments primarily engaged in manufacturing resistors for telephone and telegraph apparatus are classified in Industry 3661.

- |   |           |
|---|-----------|
| Resistors, for electronic end products  | Varistors |
| Thermistors, except temperature sensors |           |

**3677 Electronic Coils, Transformers and Other Inductors**

Establishments primarily engaged in manufacturing electronic coils, transformers, and inductors. Establishments primarily engaged in manufacturing transformers and inductors for telephone and telegraph apparatus are classified in Industry 3661; electric lamps in Industry 3641; and semiconductor (solid state) and related devices in Industry 3674.

- |  |                                |
|--|--------------------------------|
| Baluns                                       | Filters, electronic            |
| Coil windings, electronic                    | Inductors, electronic          |
| Coils, chokes and other electronic inductors | Transformers, electronic types |

**3678 Connectors, for Electronic Applications**

Establishments primarily engaged in manufacturing electronic connectors. Establishments primarily engaged in manufacturing electronic capacitors are classified in Industry 3675; and electronic coils, transformers and other inductors in Industry 3677.

- Connectors, for electronic applications

Group Industry  
No. No.**367 ELECTRONIC COMPONENTS AND ACCESSORIES—Continued****3679 Electronic Components, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing electronic components, not elsewhere classified, such as receiving antennas, printed circuits, switches, and wave guides.

|   |  |
|---|--|
| Antennas, receiving: automobile, home, portable                             | Power supplies, static: regulated, unregulated, variable frequency |
| Attenuators   | Printed circuits   |
| Circuit boards, television and radar: electric—printed                      | Pulse forming networks   |
| Commutators, electronic   | Quartz crystals, for electronic application                        |
| Constant impedance transformers   | Recording and playback heads, magnetic                             |
| Cores, magnetic   | Recording heads, for speech and musical equipment                  |
| Cryogenic cooling devices (cryostats, etc.) for infra-red detectors, masers | Rectifiers, electronic: except solid state                         |
| Crystals and crystal assemblies, radio                                      | Relays, for electronic use   |
| Delay lines   | Resonant reed devices, electronic                                  |
| Electronic circuits, except semiconductor or solid state                    | Rheostats, for electronic end products                             |
| Electronic tube parts, except glass blanks                                  | Sockets, electronic tube   |
| Ferrite electronic parts  | Solenoids for electronic applications                              |
| Harness assemblies, for electronic use: wire and cable                      | Step positioners for transmitting equipment                        |
| Headphones, radio   | Styl, phonograph record cutting                                    |
| Hermetic seals, for electronic equipment                                    | Switches, electronic applications                                  |
| Impedance conversion units, high frequency                                  | Switches, stepping   |
| Loads, electronic   | Tape, magnetic recording, including paper tape                     |
| Magnetic recording tape   | Thick film circuits  |
| Microwave components  | Transducers, electrical  |
| Oscillators, except laboratory type   | Tube retainers, electronic   |
| Parametric amplifiers   | Tube spacers, mica   |
| Passive repeaters   | Tube transformer assemblies used in firing electronic tubes        |
| Phonograph needle cartridges  | Video triggers, except remote control                              |
| Phonograph needles  | TV devices   |
| Piezoelectric crystals  | Voice controls   |
|   | Wave guides and fittings   |

**369 MISCELLANEOUS ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES****3691 Storage Batteries**

Establishments primarily engaged in manufacturing storage batteries.

|   |                   |
|---|-------------------|
| Alkaline cell storage batteries         | Storage batteries |
| Lead acid batteries (storage batteries) |                   |

**3692 Primary Batteries, Dry and Wet**

Establishments primarily engaged in manufacturing primary batteries, dry or wet.

|                                |  |
|--------------------------------|--|
| Batteries, primary: dry or wet | Dry cell batteries, single and multiple cell |
|--------------------------------|--|

**3693 Radiographic X-ray, Fluoroscopic X-ray, Therapeutic X-ray, and Other X-ray Apparatus and Tubes; Electromedical and Electrotherapeutic Apparatus**

Establishments primarily engaged in manufacturing radiographic X-ray, fluoroscopic X-ray, and therapeutic X-ray apparatus and tubes for medical, industrial, research and control applications. This industry also includes establishments primarily engaged in manufacturing electromedical and electrotherapeutic apparatus except electrotherapeutic lamp units for ultra-violet and infra-red radiation (Industry 3641). Establishments primarily engaged in manufacturing radio receiving type tubes are classified in Industry 3671; television receiving cathode ray tubes in Industry 3672; and transmitting tubes in Industry 3673.

|   |   |
|---|---|
| Arc lamp units, electrotherapeutic: except infra-red and ultra-violet | Phonocardiographs   |
| Cardiographs  | Radiographic X-ray apparatus and tubes: medical, industrial, and research |
| Electrocardiographs   | Radium equipment  |
| Electroencephalographs  | Therapeutic X-ray apparatus and tubes: for medical, industrial, research  |
| Electromedical apparatus  | X-ray apparatus and tubes: for medical, industrial, research, and control |
| Electromyographs  | X-ray generators  |
| Fluoroscopes  |   |
| Fluoroscopic X-ray apparatus and tubes                                |   |
| Lamps, X-ray  |   |

Group  
No. 369

Industry  
No.

**MISCELLANEOUS ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES—**  
Continued

**3694 Electrical Equipment for Internal Combustion Engines**

Establishments primarily engaged in manufacturing electrical equipment for internal combustion engines. Important products of this industry include armatures, starting motors, alternators, and generators for automobiles and aircraft; and ignition apparatus for internal combustion engines, including spark plugs, magnetos, coils, and distributors.

|   |  |
|---|--|
| Alternators, automotive                                   | Ignition cable sets or wire assemblies for internal combustion engines |
| Armatures, automobile                                     | Ignition systems, high frequency                                       |
| Automotive electrical equipment                           | Motor generator sets, automotive                                       |
| Battery cable wiring sets for internal combustion engines | Motors, starting: automotive and aircraft                              |
| Battery charging generators, automobile and aircraft      | Spark plugs, for internal combustion engines                           |
| Coils, ignition: automotive                               | Voltage regulators, automotive   |
| Generators, aircraft and automotive                       |  |
| Harness, wiring for motor vehicles: ignition              |  |

**3699 Electrical Machinery, Equipment, and Supplies, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing electrical machinery, equipment, and supplies, not elsewhere classified, such as appliance and extension cords, bells and chimes, and insect traps.

|  |  |
|--|--|
| Appliance cords for electric irons, grills, waffle irons, etc—m/pw   | Filaments, for electric lamps                          |
| Bells, electric  | Fly traps, electrical                                  |
| Chimes, electric   | Gongs, electric  |
| Christmas tree lighting sets, electric                               | Grids, electric  |
| Clothing, electrically heated  | Lamp (bulb) parts, electric                            |
| Door opening and closing devices, except photoelectric cell operated | Lamps, insect: electric                                |
| Electric fence chargers  | Lead-in wires, electric lamp: made from purchased wire |
| Electric lamp (bulb) parts   | Logs, fireplace: electric                              |
| Electrodes, cold cathode fluorescent lamp                            | Ornaments, Christmas tree: electric                    |
| Extension cords, made from purchased insulated wire                  | Supports and filaments, for electric lamps             |
|  | Trouble lights, made from purchased materials          |

**Major Group 37.—TRANSPORTATION EQUIPMENT***The Major Group as a Whole*

This major group includes establishments engaged in manufacturing equipment for transportation of passengers and cargo by land, air, and water. Important products produced by establishments classified in this major group include motor vehicles, aircraft, guided missiles and space vehicles, ships, boats, railroad equipment, and miscellaneous transportation equipment such as motorcycles, bicycles, and snowmobiles. Establishments primarily engaged in manufacturing mobile homes are classified in Industry 2451.

Group Industry  
No. No.

**371 MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT****3711 Motor Vehicles and Passenger Car Bodies**

Establishments primarily engaged in manufacturing or assembling complete passenger automobiles, trucks, commercial cars and buses (except trackless trolleys—Industry 3743), and special purpose motor vehicles. This industry also includes establishments primarily engaged in manufacturing chassis or passenger car bodies. Such establishments may also manufacture motor vehicle parts, but establishments primarily engaged in manufacturing motor vehicle parts except chassis and passenger bodies are classified in Industry 3714. Establishments primarily engaged in manufacturing truck and bus bodies and assembling them on purchased chassis are classified in Industry 3713; motorcycles in Industry 3751; wheel tractors, except contractors' off-highway types, in Industry 3523; tracklaying and contractors' off-highway tractors in Industry 3531; combat tanks in Industry 3795; and stamped body parts for passenger cars in Industry 3465.

Ambulances (motor vehicles)  
Amphibian motor vehicles  
Assembling complete automobiles,  
trucks, commercial cars, and buses  
Automobiles  
Bodies, passenger automobile  
Brooms, powered (motor vehicles)  
Cars, armored  
Chassis, motor vehicle  
Fire department vehicles (motor vehicles)  
Flushers, street (motor vehicles)  
Hearses (motor vehicles)  
Mobile lounges (motor vehicle)  
Motor buses, except trackless trolley

Motor trucks, except off-highway  
Motor vehicles, including amphibian  
Patrol wagons (motor vehicles)  
Personnel carriers (motor vehicles)  
Reconnaissance cars  
Road rollers (motor vehicles)  
Scout cars (motor vehicles)  
Snowplows (motor vehicles)  
Station wagons (motor vehicles)  
Street sprinklers and sweepers (motor vehicles)  
Taxicabs  
Tractors, truck: for highway use  
Universal carriers, military

**3713 Truck and Bus Bodies**

Establishments primarily engaged in manufacturing truck and bus bodies, for sale separately or for assembly on purchased chassis. Establishments primarily engaged in manufacturing complete trucks and buses are classified in Industry 3711, stamped body parts for trucks and buses in Industry 3465; and truck trailers and demountable cargo containers in Industry 3715.

Ambulance bodies  
Automobile wrecker-truck body  
Bodies, dump  
Bus bodies (motor vehicles)  
Cabs, for agricultural tractors  
Cabs, for industrial trucks

Hearse bodies  
Truck beds  
Truck bodies, motor vehicle  
Truck cabs, for motor vehicles  
Truck tops



Group No. 371 Industry No.

**MOTOR VEHICLES AND MOTOR VEHICLE EQUIPMENT—Continued**

**3714 Motor Vehicle Parts and Accessories**

Establishments primarily engaged in manufacturing motor vehicle parts and accessories, but not engaged in manufacturing complete motor vehicles or passenger car bodies. Establishments primarily engaged in manufacturing or assembling complete automobiles and trucks are classified in Industry 3711, tires and tubes in Industry 3011, automobile glass in Major Group 32, automobile stampings in Industry 3465, vehicular lighting equipment in Industry 3647, ignition systems in Industry 3694, storage batteries in Industry 3691, and carburetors, pistons, rings, and valves in Industry 3592.

- |  |  |
|--|--|
| Acceleration equipment, motor vehicle                                      | Hydraulic fluid power pumps, for automotive steering mechanisms        |
| Air brakes, motor vehicle  | Instrument board assemblies, motor vehicle                             |
| Automotive wiring harness sets, other than ignition                        | Lubrication systems and parts, motor vehicle                           |
| Axle housings and shafts, motor vehicle                                    | Manifolds, motor vehicle   |
| Axles, motor vehicle   | Motor vehicle engine rebuilding, on a factory basis                    |
| Bearings, motor vehicle: except ball and roller                            | Motor vehicle parts and accessories (except motor vehicle stampings)   |
| Brake drums  | Mufflers, exhaust: motor vehicle                                       |
| Brakes and brake parts, motor vehicle                                      | Oil strainers, motor vehicle   |
| Bumpers and bumperettes, motor vehicle                                     | Pipes, fuel: motor vehicle   |
| Camshafts, motor vehicle   | Power transmission equipment, motor vehicle                            |
| Choker rods, motor vehicle   | Radiators and radiator shells and cores, motor vehicle                 |
| Cleaners, air: motor vehicle   | Rear axle housings, motor vehicle                                      |
| Connecting rods, motor vehicle engine                                      | Rebuilding motor vehicle engines and transmissions, on a factory basis |
| Control equipment, motor vehicle: acceleration mechanisms, governors, etc. | Rims, wheel: motor vehicle   |
| Crankshaft assemblies, motor vehicle                                       | Sanders, motor vehicle safety  |
| Cylinder heads, motor vehicle  | Shock absorbers, motor vehicle   |
| Defrosters, motor vehicle  | Steering mechanisms, motor vehicle                                     |
| Differentials and parts, motor vehicle                                     | Third axle attachments or six-wheel units for motor vehicles           |
| Directional signals, motor vehicle   | Tie rods, motor vehicle  |
| Drive shafts, motor vehicle  | Tire valve cores   |
| Engines and parts, except diesel: motor vehicle                            | Tops, motor vehicle: except stamped metal                              |
| Exhaust systems and parts, motor vehicle                                   | Transmission housings and parts, motor vehicle                         |
| Fifth wheels   | Transmissions, motor vehicle   |
| Filters: oil, fuel, and air—motor vehicle                                  | Universal joints, motor vehicle  |
| Frames, motor vehicle  | Vacuum brakes, motor vehicle   |
| Fuel pumps, motor vehicle  | Wheels, motor vehicle  |
| Fuel systems and parts, motor vehicle: gas tanks, fuel pipes, and manifold | Windshield frames, motor vehicle                                       |
| Gas tanks, motor vehicle   | Windshield wiper systems, all types                                    |
| Gears, motor vehicle   | Winterfronts, motor vehicle  |
| Governors, motor vehicle   | Wiring harness sets (other than ignition), automotive                  |
| Heaters, motor vehicle   |  |
| Hoods, motor vehicle   |  |
| Horns, motor vehicle   |  |

**3715 Truck Trailers**

Establishments primarily engaged in manufacturing truck trailers, truck trailer chassis for sale separately, detachable trailer bodies (cargo containers) for sale separately, and detachable trailer (cargo container) chassis, for sale separately.

- |   |  |
|---|--|
| Bus trailers, tractor type              | Trailers or vans for transporting horses |
| Demountable cargo containers            | Trailers, motor truck                    |
| Motor truck trailers                    | Truck trailers                           |
| Semitrailers for missile transportation |  |
| Semitrailers for truck tractors         |  |

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**AIRCRAFT AND PARTS**

**3721 Aircraft**

Establishments primarily engaged in manufacturing or assembling complete aircraft. This industry also includes establishments primarily engaged in research and development on aircraft or in factory-type aircraft modification on a contract or fee basis. Establishments primarily engaged in manufacturing engines, propellers, and other aircraft parts and auxiliary equipment are classified in Industries 3724 and 3728;

Group Industry  
No. No.  
372

**AIRCRAFT AND PARTS—Continued**

**3721 Aircraft—Continued**

and those producing guided missiles and space vehicles and parts are classified in Group 376.

|                                 |                     |
|---------------------------------|---------------------|
| Aircraft                        | Balloons (aircraft) |
| Airplanes, fixed or rotary wing | Dirigibles          |
| Airships                        | Glider (aircraft)   |
| Autogiros                       | Helicopters         |

**3724 Aircraft Engines and Engine Parts**

Establishments primarily engaged in manufacturing aircraft engines and engine parts. Research and development on aircraft engines is included in this industry. Establishments primarily engaged in manufacturing guided missile and space vehicle propulsion units and parts are classified in Industry 3764.

|   |                                     |
|---|-------------------------------------|
| Air scoops, aircraft  | Jet assisted takeoff devices (JATO) |
| Aircraft engine starting vibrators  | Lubricating systems, aircraft       |
| Aircraft engines and engine parts, internal combustion and jet propulsion | Pumps, aircraft engine              |
| Cooling systems, aircraft engine  | Rocket motors, aircraft             |
| Engine heaters, aircraft  | Starters, aircraft: nonelectric     |
| Engine mount parts, aircraft  | Turbines, aircraft type             |
| Exhaust systems, aircraft   | Turbo-superchargers, aircraft       |
| External power units, for hand inertia starters, aircraft                 |                                     |

**3728 Aircraft Parts and Auxiliary Equipment, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing aircraft parts and auxiliary equipment, not elsewhere classified. Research and development on aircraft parts is included in this industry. Establishments primarily engaged in manufacturing or assembling complete aircraft are classified in Industry 3721, aircraft engines and parts in Industry 3724, aeronautical instruments in Industry 3811, aeronautical electrical equipment in Industry 3694, and guided missile and space vehicle parts and auxiliary equipment in Industry 3769.

|   |   |
|---|---|
| Accumulators, aircraft propeller                              | Gears, power transmission: aircraft                           |
| Actuators, aircraft: mechanical, electrical, and hydraulic    | Governors, aircraft propeller feathering                      |
| Adapter assemblies, hydromatic propeller                      | Hubs, aircraft propeller                                      |
| Ailerons, aircraft  | Hydraulic pumps, valves, and cylinders: aircraft              |
| Aircraft armament, except guns                                | Instrument panel mockups: aircraft training units             |
| Aircraft arresting device system                              | Landing gear, aircraft  |
| Aircraft assemblies, subassemblies, and parts, except engines | Landing skis and tracks, aircraft                             |
| Aircraft body assemblies and parts                            | Link trainers (aircraft training mechanisms)                  |
| Aircraft power transmission equipment                         | Nacelles, aircraft  |
| Aircraft propeller parts                                      | Oleo struts, aircraft   |
| Airframe assemblies, except for guided missiles               | Oxygen systems, for aircraft                                  |
| Airplane brake expanders                                      | Panel assemblies (hydromatic propeller test stands), aircraft |
| Alighting assemblies (landing gear), aircraft                 | Pontoons, aircraft  |
| Beaching gear, aircraft                                       | Power transmission equipment, aircraft                        |
| Blades, aircraft propeller: metal or wood                     | Propeller alining tables                                      |
| Bomb racks, aircraft  | Propellers, variable and fixed pitch: and parts—aircraft      |
| Brakes, aircraft  | Pumps, propeller feathering                                   |
| Chaffing dispensers, aircraft                                 | Refueling equipment, airplane: for use in flight              |
| Controls: hydraulic and pneumatic, aircraft                   | Roto-blades for helicopters                                   |
| Countermeasure dispensers, aircraft                           | Rudders, aircraft   |
| De-icing equipment, aircraft                                  | Seat ejector devices, aircraft                                |
| Dive brakes, aircraft   | Spinners, aircraft propeller                                  |
| Dusting and spraying equipment, aircraft                      | Stabilizers, aircraft   |
| Dynetric balancing stands, aircraft                           | Tanks, fuel: aircraft   |
| Elevators, aircraft   | Target drones   |
| Empennage (tail) assemblies and parts, aircraft               | Targets, trailer type: aircraft                               |
| Fins, aircraft  | Tow targets   |
| Flaps, aircraft wing  | Training aids, aircraft: except electronic                    |
| Fluid power and control components, aircraft                  | Transmissions, aircraft                                       |
| Fuel tanks, aircraft: including self-sealing                  | Turret test fixtures, aircraft                                |
| Fuselage assemblies, aircraft                                 | Turrets and turret drives, aircraft                           |
|   | Wheels, aircraft  |
|   | Wing assemblies and parts, aircraft                           |

Group  
No. 373

Industry  
No. SHIP AND BOAT BUILDING AND REPAIRING

**3731 Ship Building and Repairing**

Establishments primarily engaged in building and repairing all types of ships, barges, and lighters, whether propelled by sail or motor power or towed by other craft. This industry also includes the conversion and alteration of ships. Establishments primarily engaged in fabricating structural assemblies or components for ships, or subcontractors engaged in ship painting, joinery, carpentry work, electrical wiring installation, etc., are classified in other industries.

Barges, building and repairing  
Cargo vessels, building and repairing  
Combat ships, building and repairing  
Dredges, building and repairing  
Drilling platforms, floating  
Drydocks, floating  
Ferryboats, building and repairing  
Fireboats, building and repairing  
Fishing vessels, large: seiners and trawlers—building and repairing  
Hydrofoil vessels  
Landing ships, building and repairing  
Lighters, marine: building and repairing  
Lighthouse tenders, building and repairing  
Marine rigging  
Naval ships, building and repairing

Passenger-cargo vessels, building and repairing  
Radar towers, floating  
Sailing vessels, commercial: building and repairing  
Scows, building and repairing  
Ship building and repairing  
Submarine tenders, building and repairing  
Tankers (large craft), building and repairing  
Tenders: large craft building and repairing  
Towboats, building and repairing  
Transport vessels, passenger and troop: building and repairing  
Tugboats, building and repairing  
Yachts, building and repairing

**3732 Boat Building and Repairing**

Establishments primarily engaged in building and repairing all types of boats. Establishments primarily engaged in cleaning and storing boats and in the rental of dock space, and yacht clubs are classified in nonmanufacturing industries. Establishments primarily engaged in manufacturing rubber and nonrigid plastic boats are classified in Major Group 30.

Boat kits, wooden (not a model)  
Boats, fiber glass: building and repairing  
Boats: motorboats, sailboats, rowboats, and canoes—building and repairing  
Boats, rigid: plastic  
Canoes, building and repairing  
Dinghies, building and repairing  
Dories, building and repairing  
Fishing boats, small: such as lobster boats, crab boats, and oyster boats  
Houseboats, building and repairing

Hydrofoil boats  
Kayaks, building and repairing  
Life rafts, except inflatable (rubber and plastic)  
Lifeboats, building and repairing  
Motorboats, inboard and outboard: building and repairing  
Pontoons, except aircraft and inflatable (rubber and plastic)  
Skiffs, building and repairing  
Tenders (small motor craft), building and repairing

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**RAILROAD EQUIPMENT**

**3743 Railroad Equipment**

Establishments primarily engaged in building and rebuilding locomotives (including frames and parts, not elsewhere classified) of any type or gage; and railroad, street, and rapid transit cars and car equipment for operation on rails for freight and passenger service. This industry also includes establishments primarily engaged in manufacturing trackless trolley buses. Establishments primarily engaged in manufacturing mining cars are classified in Industry 3532. Repair shops, owned and operated by railroads or local transit companies, rebuilding or repairing locomotives or cars, or building new locomotives or cars for their own account, are classified in Major Groups 40 and 41.

Brakes, railway: air and vacuum  
Cars and car equipment, freight or passenger  
Dining cars and car equipment  
Engines, steam (locomotives)  
Freight cars and car equipment  
Heating units, for railroad cars  
Industrial locomotives and parts, electric or nonelectric  
Interurban cars and car equipment

Locomotives, locomotive frames and parts  
Lubrication systems, locomotive  
Mining locomotives and parts, electric or nonelectric  
Railway maintenance cars  
Railway motor cars  
Rapid transit cars and equipment  
Sleeping cars, railroad  
Street cars and car equipment

Group Industry  
No. No.

**374 RAILROAD EQUIPMENT—Continued**

**3743 Railroad Equipment—Continued**

Switching locomotives and parts, electric and nonelectric  
Tank freight cars and car equipment  
Tenders, locomotive

Trolley bus poles  
Trolley buses, trackless  
Trolley retrievers  
Trolley shoes

**375 MOTORCYCLES, BICYCLES, AND PARTS**

**3751 Motorcycles, Bicycles, and Parts**

Establishments primarily engaged in manufacturing motorcycles, bicycles, and similar equipment and parts. Establishments primarily engaged in assembling motorcycles or bicycles from purchased parts are also included in this industry. Establishments primarily engaged in manufacturing children's vehicles except bicycles are classified in Industry 3944. Establishments primarily engaged in manufacturing golf carts and other similar personnel carriers are classified in Industry 3799.

Bicycles and parts  
Brakes, bicycle: friction clutch and other  
Frames, motorcycle and bicycle  
Gears, motorcycle and bicycle  
Handle bars, motorcycle and bicycle

Motor scooters and parts  
Motorbikes and parts  
Motorcycles and parts  
Saddles, motorcycle and bicycle  
Seat posts, motorcycle and bicycle

**376 GUIDED MISSILES AND SPACE VEHICLES AND PARTS**

**3761 Guided Missiles and Space Vehicles**

Establishments primarily engaged in manufacturing complete guided missiles and space vehicles. Research and development and other services on or for guided missiles and space vehicles are included in this industry. Establishments primarily engaged in manufacturing guided missile and space vehicle propulsion units and propulsion unit parts are classified in Industry 3764; space satellite, and guided missile and space vehicle airborne and ground guidance, checkout and launch electronic systems and components in Industry 3662; and guided missile and space vehicle airframes, nose cones, and space capsules in Industry 3769.

Ballistic missiles, complete  
Guided missiles, complete  
Research and development of guided missiles and space vehicles

Rockets (guided missiles), space and military: complete  
Space vehicles, complete

**3764 Guided Missile and Space Vehicle Propulsion Units and Propulsion Unit Parts**

Establishments primarily engaged in manufacturing guided missile propulsion units and propulsion unit parts. Research and development on guided missile and space vehicle propulsion units and propulsion unit parts is also included in this industry.

Engines and engine parts, guided missile  
Research and development of guided missile and space vehicle engines

Propulsion units for guided missiles and space vehicles  
Rocket motors, guided missile

**3769 Guided Missile and Space Vehicle Parts and Auxiliary Equipment, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing guided missile and space vehicle parts and auxiliary equipment, not elsewhere classified. Research and development on guided missile and space vehicle parts and auxiliary equipment, not elsewhere classified, is also included in this industry. Establishments primarily engaged in manufacturing navigational and guidance systems are classified in Industry 3662.

Airframe assemblies, for guided missiles  
Bellows assemblies for missiles, metal  
Casings for missiles and missile components, shipping and storage

Nose cones, guided missile  
Research and development of guided missile and space vehicle components  
Space capsules

Group No. 379 Industry No.

**MISCELLANEOUS TRANSPORTATION EQUIPMENT**

**3792 Travel Trailers and Campers**

Establishments primarily engaged in manufacturing travel trailers for attachment to passenger cars or other vehicles, pickup coaches (campers) or caps (covers) for mounting on pickup trucks and self-contained motor homes. Travel trailers are generally 35 feet long or less, 8 feet wide or less, and have storage facilities for water and waste. Establishments primarily engaged in manufacturing mobile homes are classified in Industry 2451.

Campers, for mounting on trucks  
 Automobile house trailer chassis  
 Camping trailers and chassis  
 Chassis for camping trailers  
 House trailers except as permanent dwellings  
 Motor homes, self-contained  
 Pickup coaches (campers), for mounting on pickup trucks

Pickup covers, canopies or caps  
 Tent-type camping trailers  
 Trailer coaches, automobile  
 Trailers, house: except as permanent dwellings  
 Truck campers (slide-in campers)

**3795 Tanks and Tank Components**

Establishments primarily engaged in manufacturing or assembling complete tanks, and specialized components for tanks. Establishments primarily engaged in manufacturing military vehicles other than tanks are classified in Group 371, and tank engines in Industry 3519.

Amphibian tanks, military  
 Tank components, specialised: military

Tank recovery vehicles  
 Tanks, military: including factory rebuilding

**3799 Transportation Equipment, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing transportation equipment, not elsewhere classified. Establishments primarily engaged in manufacturing industrial trucks, tractors, trailers, and stackers are classified in Industry 3537, and children's vehicles except bicycles in Industry 3944.

All terrain vehicles (ATV)  
 Automobile trailer chassis, except house trailer  
 Autos, midget: power driven  
 Caddy cars  
 Chassis, automobile trailer: except house trailer

Electrocars, for transporting golfers  
 Gocarts, except children's  
 Pushcarts  
 Snowmobiles  
 Trailers, except house and recreational: for automobiles  
 Wheelbarrows

## Major Group 38.—MEASURING, ANALYZING, AND CONTROLLING INSTRUMENTS; PHOTOGRAPHIC, MEDICAL, AND OPTICAL GOODS; WATCHES AND CLOCKS

### *The Major Group as a Whole*

This major group includes establishments engaged in manufacturing instruments (including professional and scientific) for measuring, testing, analyzing, and controlling, and their associated sensors and accessories; optical instruments and lenses; surveying and drafting instruments; surgical, medical, and dental instruments, equipment, and supplies; ophthalmic goods; photographic equipment and supplies; and watches and clocks.

Group Industry  
No. No.

### 381 ENGINEERING, LABORATORY, SCIENTIFIC, AND RESEARCH INSTRUMENTS AND ASSOCIATED EQUIPMENT

#### 3811 Engineering, Laboratory, Scientific, and Research Instruments and Associated Equipment

Establishments primarily engaged in manufacturing engineering, laboratory, and scientific instruments, including nautical, navigational, aeronautical, surveying, and drafting equipment and instruments for laboratory work and scientific research (except optical instruments—Industry 3832). Establishments primarily engaged in manufacturing surgical and medical instruments are classified in Industry 3841; dental instruments and equipment in Industry 3843; measuring, analyzing, and controlling instruments, including instruments for measuring electrical quantities and characteristics, in Group 382; watches and clocks in Industry 3873; machinists' precision measuring tools in Industry 3545; and measuring and dispensing pumps in Industry 3586.

Acceleration indicators and systems components, aerospace type  
Airspeed instrumentation (aeronautical instruments)  
Aircraft flight instruments  
Alidades (surveying instruments)  
Altimeters, standard and sensitive (aeronautical instruments)  
Angle-of-attack instrumentation  
Angle-of-yaw instrumentation  
Autoclaves, laboratory  
Automatic pilots, aircraft  
Bacteriological laboratory instruments: except medical, optical, and dental  
Balances, laboratory  
Bank and turn indicators and components (aeronautical instruments)  
Binnacles (compass housings)  
Blood testing apparatus  
Bunsen burners  
Calibration tapes, for physical testing machines  
Calorimeters  
Centrifuges, laboratory  
Chemical laboratory apparatus  
Clinical laboratory instruments, except medical and dental  
Coal testing apparatus  
Compasses and accessories, except portable (navigational instruments)  
Degaussing equipment  
Distilling apparatus, laboratory type  
Drafting instruments and machines: T-squares, templates, etc.

Driftmeters, aeronautical  
Dust sampling and analysis equipment  
Environmental testing equipment  
Fathometers  
Furnaces, laboratory: except dental  
Gas analyzing equipment  
Generators, magnetic idealization  
Glide slope indicators  
Gyro gimbals  
Gyrocompasses  
Gyropilots  
Gyroscopes  
Haemoglobinometers  
Horizon flight indicators  
Hydrogen ion equipment, colorimetric  
Incubators, laboratory  
Integrators (mathematical instruments)  
Laboratory equipment: fume hoods, distillation racks, benches, cabinets  
Laboratory testing and scientific instruments, except electric  
Laser beam alignment devices  
Laser scientific and engineering instruments  
Machmeters  
Magnetic idealization generators  
Map plotting instruments  
Micromanipulator  
Microtomes  
Meteorological instruments: laboratory, except optical  
Nautical instruments  
Navigational instruments  
Omni-bearing indicators

Group  
No. 381

Industry  
No. ENGINEERING, LABORATORY, SCIENTIFIC, AND RESEARCH INSTRUMENTS  
AND ASSOCIATED EQUIPMENT—Continued

3811 Engineering, Laboratory, Scientific, and Research Instruments and Associated  
Equipment—Continued

|   |   |
|---|---|
| Pellicle mirrors  | Seismographs  |
| Petroleum product analyzing apparatus                               | Seismometers  |
| Photogrammetry equipment  | Seismoscopes  |
| Photopitometers   | Sewage testing apparatus  |
| Physics laboratory apparatus and instruments                        | Sextants  |
| Pi tapes (metal periphery direct reading diameter tapes)            | Shadowgraphs  |
| Pictorial deviation indicators                                      | Slide rules   |
| Pipettes, hemocytometer   | Standards and calibrating equipment, laboratory                   |
| Pitometers  | Surveying instruments and accessories                             |
| Planimeters   | Tables, work: laboratory  |
| Plotting instruments, drafting and map reading                      | Taffrail logs   |
| Plumb bobs  | Theodolites (surveying equipment)                                 |
| Position indicators for landing gear, cowl flaps, stabilizers, etc. | Time interval measuring equipment, electric (laboratory type)     |
| Pumps, vacuum: laboratory   | Time measuring and counting equipment, electric (laboratory type) |
| Radio magnetic instrumentation (RMI)                                | Transits, surveyors'  |
| Rate-of-climb instrumentation                                       | Turntable indicator testers                                       |
|   | Water testing apparatus   |
|   | Work tables, laboratory   |

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MEASURING AND CONTROLLING INSTRUMENTS

3822 Automatic Controls for Regulating Residential and Commercial Environments and Appliances

Establishments primarily engaged in manufacturing temperature and related controls for heating and air-conditioning installations and refrigeration applications, which are electrically, electronically, or pneumatically actuated, and which measure and control variables such as temperature and humidity; and automatic regulators used as components of household appliances. Establishments primarily engaged in manufacturing industrial process controls are classified in Industry 3823; motor control switches in Industry 3622, switches for household appliances in Industry 3643, and appliance timers in Industry 3873.

|   |   |
|---|---|
| Air flow controllers, air conditioning and refrigeration: except valves | In-built thermostats, filled system, and bimetal types                  |
| Appliance regulators, except switches                                   | Inclinerator control systems, residential and commercial types          |
| Building services monitoring controls, automatic                        | Limit controls, residential and commercial heating types                |
| Clothes drier controls, including dryness controls                      | Line or limit control for electric heat                                 |
| Combination limit and fan controls                                      | Liquid level controls, residential and commercial heating types         |
| Combination oil and hydronic controls                                   | Oven temperature controls, nonindustrial                                |
| Damper operators: pneumatic, thermostatic, electric                     | Pneumatic relays, air-conditioning type                                 |
| Electric air cleaner controls, automatic                                | Pressure controllers, air-conditioning system type                      |
| Electric heat proportioning controls, modulating controls               | Primary oil burner controls, including stack controls and cadmium cells |
| Electric space heater controls, automatic                               | Refrigeration/air-conditioning defrost controls                         |
| Energy cutoff controls, residential and commercial types                | Refrigeration controls (pressure)                                       |
| Fan control, temperature responsive                                     | Refrigeration thermostats   |
| Flame safety controls for furnaces and boilers                          | Sequencing controls for electric heat                                   |
| Float controls, residential and commercial types                        | Static pressure regulators  |
| Gas burner automatic controls, except valves                            | Steam pressure controls, residential and commercial type                |
| Gradual switches, pneumatic   | Surface burner controls, temperature                                    |
| Humidistats: wall, duct, and skeleton                                   | Switches, pneumatic positioning remote                                  |
| Humidity controls, air conditioning types                               | Switches, thermostatic  |
| Hydronic circulator control, automatic                                  | Temperature controls, automatic: residential and commercial types       |
| Hydronic limit control  | Temperature sensors for motor windings                                  |
| Hydronic pressure and temperature controls                              | Thermocouples, vacuum: glass  |
| Ice bank controls   | Thermostats   |
| Icemaker controls   | Time program controls, air conditioning systems                         |
| Ignition controls for gas appliances and furnaces, automatic            | Vapor heating controls  |
|   | Water heater controls   |

Group Industry  
No. No.

**382 MEASURING AND CONTROLLING INSTRUMENTS—Continued**

**3823 Industrial Instruments for Measurement, Display, and Control of Process Variables; and Related Products**

Establishments primarily engaged in manufacturing industrial instruments and related products for measuring, displaying (indicating and/or recording), transmitting, and controlling process variables in manufacturing, energy conversion, and public service utilities. These instruments operate mechanically, pneumatically, electronically, or electrically to measure process variables such as temperature, humidity, pressure, vacuum, combustion, flow, level, viscosity, density, acidity, alkalinity, specific gravity, gas and liquid concentration, sequence, time interval, mechanical motion, and rotation. Establishments primarily engaged in manufacturing electrical integrating meters are classified in Industry 3825; residential and commercial comfort controls in Industry 3822; all liquid-in-glass and bimetal thermometers and glass hydrometers in Industry 3829; recorder charts in Group 275, and optical instruments in Industry 3862.

Absorption analyzers, industrial process type: infra-red, X-ray, etc.  
Analyzers, industrial process type  
Annunciators, relay and solid state types: industrial display  
Boiler controls: industrial, power, and marine type  
Buoyancy instruments, industrial process type  
Chromatographs, industrial process type  
Combustion control instruments, except commercial and household furnace type  
Computer interface equipment for industrial process control  
Controllers for process variables: electric, electronic, and pneumatic  
Coulometric analyzers, industrial process type  
Data loggers, industrial process type  
Density and specific gravity instruments, industrial process type  
Differential pressure instruments, industrial process type  
Digital displays of process variables  
Draft gauges, industrial process type  
Electrodes used in industrial process measurement  
Electrolytic conductivity instruments, industrial process type  
Flow instruments, industrial process type  
Fluidic devices, circuits, and systems for process control  
Gas and liquid analysis instruments, industrial process type  
Gas flow computers, industrial process type  
Humidity instruments, industrial process type  
Hydrometers, industrial process type  
Hygrometers, industrial process type  
Industrial process control instruments  
Infra-red instruments, industrial process type  
Level and bulk measuring instruments, industrial process type  
Liquid analysis instruments, industrial process type

Liquid concentration instruments, industrial process type  
Liquid level instruments, industrial process type  
Magnetic flow meters, industrial process type  
Manometers, industrial process type  
Moisture meters, industrial process type  
Nuclear reactor controls  
Panelboard indicators, recorders and controllers: receiver type  
PH instruments, industrial process type  
Potentiometric self-balancing instruments, except X-Y plotters  
Pressure gauges, dial and digital  
Pressure instruments, industrial process type  
Primary elements for process flow measurement: orifice plates, etc.  
Programmable, process type  
Pyrometers, industrial process type  
Refractometers, industrial process type  
Resistance thermometers and bulbs, industrial process type  
Telemetry instruments, industrial process type  
Temperature instruments: industrial process type, except glass and bimetal  
Thermal conductivity instruments, industrial process type  
Thermistors, industrial process type  
Thermocouples, industrial process type  
Thermometers, filled system: industrial process type  
Time cycle and program controllers, industrial process type  
Transmitters of process variables, standard signal conversion  
Turbidity instruments, industrial process type  
Turbine flow meters, industrial process type  
Viscosimeters, industrial process type  
Water quality monitoring and control systems

**3824 Totalizing Fluid Meters and Counting Devices**

Establishments primarily engaged in manufacturing totalizing (registering) meters monitoring fluid flows, such as watermeters and gasmeters; and producers of mechanical and electromechanical counters and associated metering devices. Establishments primarily engaged in manufacturing electricity integrating meters and electronic fre-



Group  
No. 382

Industry  
No. **MEASURING AND CONTROLLING INSTRUMENTS—Continued**  
**3824 Totalizing Fluid Meters and Counting Devices—Continued**

quency counters are classified in Industry 3825; and industrial process instruments in Industry 3823.

Controls, revolution and timing instruments  
Counter type registers  
Counters: mechanical, electrical, electronic totalizing  
Counters, revolution  
Electromechanical counters  
Electronic totalizing counters  
Gasmeters; domestic, large capacity, industrial  
Gasoline dispensing meters (except pumps)  
Gauges for computing pressure-temperature corrections  
Impeller and counter driven flow meters  
Integrating meters, nonelectric  
Linear counters  
Magnetic counters  
Measuring wheels  
Meters: gas, liquid, tallying, and mechanical measuring—except electrical  
Odometers

Parking meters  
Pedometers  
Positive displacement meters  
Predetermining counters  
Production counters  
Propeller type meters with registers  
Registers, linear tallying  
Rotary type meters, consumption registering  
Speed indicators and recorders, vehicle  
Speedometers  
Tachometer, centrifugal  
Tally counters  
Tallying meters: except electrical instruments, watches, clocks  
Tank truck meters  
Taximeters  
Totalizing meters, consumption registering, except aircraft  
Turbine meters, consumption registering  
Vehicle tank meters  
Watermeters, consumption registering

**3825 Instruments for Measuring and Testing of Electricity and Electrical Signals**

Establishments primarily engaged in manufacturing instruments for measuring the characteristics of electricity and electrical signals, such as voltmeters, ammeters, wattmeters, watt-hour meters, demand meters, and equipment for testing the electrical characteristics of electrical, radio, and communication circuits and of internal combustion engines. Establishments primarily engaged in the manufacturing of electronic checkout, monitoring, evaluating, and other electronic support equipment for electronic navigational, radar, sonar, and other communications systems are classified in Industry 3862.

Alternator and generator testers  
Ammeters  
Ampere-hour meters  
Analog-to-digital converters, electronic instrumentation type  
Analyzers for testing electrical characteristics  
Audiometers  
Automotive ammeters and voltmeters  
Battery testers, electrical  
Bleed control cabinets (engine testers)  
Bridges: Kelvin, Wheatstone, vacuum tube, megohm, etc.  
Current measuring equipment  
Decade boxes: capacitance, inductance, and resistance  
Demand meters, electric  
Diode and transistor testers  
Digital panel meters, electricity measuring  
Digital test equipment, electronic and electrical circuits and equipment  
Digital-to-analog converters, electronic instrumentation type  
Distortion meters and analyzers  
Elapsed time meters, electronic  
Electrical power measuring equipment  
Electron tube test equipment  
Electronic test equipment for testing electrical characteristics  
Energy measuring equipment, electrical  
Field strength and intensity measuring equipment, electrical  
Frequency meters: electrical, mechanical, and electronic  
Frequency synthesizers  
Function generators  
Galvanometers  
Ignition testing instruments  
Impedance measuring equipment

Indicating instruments, electric  
Instrument relays, all types  
Instrument shunts  
Instruments, electric: for testing electrical characteristics  
Instruments for measuring electrical quantities  
Integrated-circuit testers  
Integrating electricity meters  
Internal combustion engine analyzers, to test electrical characteristics  
Laboratory standards, electric: resistance, inductance, and capacitance  
Logic circuit testers  
Measuring equipment for electronic and electrical circuits and equipment  
Measuring instruments and meters, electric  
Meters, electric: pocket, portable, panelboard, and graphic recording  
Meters, power factor and phase angle  
Microwave test equipment  
Multimeters  
Network analyzers  
Ohmmeters  
Oscillators, audiofrequency and radiofrequency (instrument types)  
Oscillographs and oscilloscopes  
Potentiometric instruments; except industrial process type  
Power measuring equipment, electrical  
Pulse (signal) generators  
Radar testing instruments, electric  
Radio apparatus analyzers, for testing electrical characteristics  
Radio frequency measuring equipment  
Radio set analyzers, electrical  
Radio tube checkers, electrical  
Recorders, oscillographic  
Reflectometers, sliding shorts

Group Industry  
No. No.

**382 MEASURING AND CONTROLLING INSTRUMENTS—Continued**

**3825 Instruments for Measuring and Testing of Electricity and Electrical Signals—Con.**

|   |  |
|---|--|
| Resistance measuring equipment  | Test sets, ignition harness  |
| Semiconductor test equipment  | Time code generators   |
| Signal generators and averages  | Transducers for volts, amperes, watts, vars, frequency, and power factor |
| Spark plug testing instruments, electric  | Transformers, instrument: portable                                       |
| Spectrum analyzers  | Tube testers   |
| Standard cells  | Voltmeters   |
| Standards and calibration equipment for electrical measuring, except laboratory | Volt-ohm milliammeters   |
| Standing wave ratio measuring equipment   | Watt-hour and demand meters, combined                                    |
| Stroboscopes  | Watt-hour and time switch meters, combined                               |
| Sweep generators  | Watt-hour meters, electric   |
| Sweep oscillators   | Wattmeters   |
| Synchrosopes  | Waveform measuring and/or analyzing equipment                            |
| Tachometer generators   | X-Y recorders (plotters) except computer peripheral equipment            |
| Test equipment for electronic and electrical circuits and equipment             |  |

**3829 Measuring and Controlling Devices, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing measuring and controlling devices, not elsewhere classified, including testing instruments to determine the physical properties of materials, nuclear instruments, aircraft engine instruments, and liquid-in-glass and bimetal thermometers.

|   |   |
|---|---|
| Accelerometers, except aerospace type                                     | Personnel dosimetry devices   |
| Barometers, mercury and aneroid types                                     | Physical properties testing and inspection equipment                      |
| Cable testing machines  | Pressure and vacuum indicators, aircraft engine                           |
| Compasses, magnetic: portable type  | Pulse analyzers, nuclear monitoring                                       |
| Count rate meters, nuclear radiation                                      | Radiation measuring and detecting (radiac) equipment                      |
| Chronometers, electronic  | Salinity indicators, except industrial process type                       |
| Dynamometer instruments   | Sample changers, nuclear radiation  |
| Electrogamma ray loggers  | Scalers, nuclear radiation  |
| Fare registers, for street cars, buses, etc.                              | Scintillation detectors   |
| Fatigue testing machines, industrial: mechanical                          | Spectrometers, liquid scintillation and nuclear                           |
| Fire detector systems, nonelectric  | Stress, strain, and flaw detecting and measuring equipment                |
| Fuel densitometers, aircraft engine                                       | Synchronizers, aircraft engine  |
| Fuel mixture indicators, aircraft engine                                  | Temperature sensors, except industrial process and aircraft type          |
| Fuel system instruments, aircraft   | Testers for checking hydraulic controls on aircraft                       |
| Fuel totalizers, aircraft engine  | Testing equipment: abrasion, shearing strength, tensile strength, torsion |
| Gauges except electric, motor vehicle: oil pressure, water temperature    | Thermocouples, except industrial process and aircraft type                |
| Gauging instruments, thickness: ultrasonic                                | Thermomagnetic oxygen analyzer  |
| Geiger counters   | Thermometers, liquid-in-glass and bimetal type                            |
| Hardness testing equipment  | Thrust power indicators, aircraft engine                                  |
| Humidity instruments, except industrial process and air-conditioning type | Toll booths, automatic  |
| Hydrometers, except industrial process type                               | Transducers, pressure   |
| Hygrometers, except industrial process type                               | Turnstiles, equipped with counting mechanisms                             |
| Instrumentation for reactor controls, auxiliary                           | Ultrasonic testing equipment  |
| Ion chambers  | Vibration meters, analyzers, and calibrators                              |
| Kinematic test and measuring equipment                                    | Viscosimeters, except industrial process type                             |
| Level gauges, radiation type  | Whole body counters, nuclear  |
| Medical diagnostic systems, nuclear                                       |   |
| Moisture density meters, except industrial process type                   |   |
| Nuclear instrument modules  |   |
| Nuclear radiation detection and monitoring instruments                    |   |

**383 OPTICAL INSTRUMENTS AND LENSES**

**3832 Optical Instruments and Lenses**

Establishments primarily engaged in manufacturing instruments that measure an optical property; apparatus except photographic that projects or magnifies such as binoculars, prisms, and lenses; optical sighting and fire control equipment; and related analytical instruments. Establishments primarily engaged in manufacturing eyeglass lenses, frames, or fittings are classified in Industry 3851; separate computers in Industry 3573; and electronic tracking and fire control systems in Industry 3662.

Group  
No. 383

Industry  
No.

## OPTICAL INSTRUMENTS AND LENSES—Continued

### 3832 Optical Instruments and Lenses—Continued

|  |  |
|--|--|
| Aiming circles (fire control equipment)                                  | Microprobes, electron                                      |
| Antiaircraft directors, except electronic                                | Microprojectors  |
| Binoculars   | Microscopes, except corneal                                |
| Boards: plotting, spotting, and gun fire adjustment                      | Mirrors, optical   |
| Borescopes   | Nephelometers  |
| Chromatographic equipment (laboratory type)                              | Nuclear magnetic resonance type apparatus                  |
| Chronoscopes   | Optical comparators  |
| Clinetheodolites   | Optical elements and assemblies, except ophthalmic         |
| Coddington magnifying instruments  | Optical measuring instruments                              |
| Colorimeters (optical instruments)                                       | Perimeters (optical instruments)                           |
| Contour projectors   | Periscopes   |
| Correctors: percentage, wind, roll (sighting and fire control equipment) | Ph meters  |
| Coulometric analyzers, except industrial process type                    | Photometers  |
| Dyna-lens  | Photomicrographic apparatus                                |
| Electron paramagnetic spin type apparatus                                | Phototheodolites   |
| Electrophoresis equipment  | Polariscopes   |
| Fiber optical devices  | Polarizers   |
| Fuse setters (fire control equipment)                                    | Prisms, optical  |
| Glasses, field or opera  | Reflectors, optical  |
| Gratings, diffraction  | Reflectoscopes   |
| Gun sights, optical  | Refractometers, except industrial process type             |
| Interferometers  | Searchlight mirrors and reflectors                         |
| Laboratory analysis instruments, optical                                 | Sighting and fire control equipment, optical               |
| Lens coating   | Specific ion measuring instruments                         |
| Lens grinding, except ophthalmic   | Spectrographs  |
| Lens mounts  | Spectrometers and spectroscopes, optical instruments       |
| Lenses, optical: photographic, magnifying, projection, and instrument    | Spyglasses   |
| Light sources, standard  | Telescopes: elbow, panoramic, sighting, fire control, etc. |
| Lupes magnifying instruments, optical                                    | Telescopic sights  |
| Magnifying instruments, optical  | Titrometers  |
| Metallographs  | Triplet magnifying instruments, optical                    |
| Meteorological instruments, optical                                      | Turbidometers  |

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## SURGICAL, MEDICAL, AND DENTAL INSTRUMENTS AND SUPPLIES

### 3841 Surgical and Medical Instruments and Apparatus

Establishments primarily engaged in manufacturing medical, surgical, ophthalmic, and veterinary instruments and apparatus. Establishments primarily engaged in manufacturing surgical and orthopedic appliances are classified in Industry 3842; and electrotherapeutic, electromedical, and X-ray apparatus in Industry 3693.

|  |  |
|--|--|
| Anesthesia apparatus   | Muscle exercise apparatus, ophthalmic          |
| Auriscopes   | Needle holders, surgical                       |
| Biopsy instruments and equipment   | Needles, suture                                |
| Blood pressure apparatus   | Operating tables                               |
| Blood transfusion equipment  | Ophthalmic instruments and apparatus           |
| Bone drills  | Ophthalmometers and ophthalmoscopes            |
| Bone plates and screws   | Optometers                                     |
| Bone rongeurs  | Otosopes                                       |
| Bronchoscopes  | Oxygen tents                                   |
| Cannulae   | Pelvimeters                                    |
| Catheters  | Physiotherapy equipment, electrical            |
| Clamps, surgical   | Probes, surgical                               |
| Corneal microscopes  | Retractors                                     |
| Cystoscopes  | Rifles for propelling hypodermics into animals |
| Diagnostic apparatus, physicians'  | Retinoscopes                                   |
| Eye examining instruments and apparatus                                  | Saws, surgical                                 |
| Fixation appliances, internal  | Skin grafting equipment                        |
| Forceps, surgical  | Slit lamps (ophthalmic goods)                  |
| Gastrosopes  | Speculums                                      |
| Hemodialysis apparatus   | Sphygmomanometers                              |
| Holder, surgical needle  | Stethoscopes and stethographs                  |
| Hypodermic needles and syringes  | Suction therapy apparatus                      |
| Inhalation therapy equipment   | Surgical instruments and apparatus             |
| Inhalators, surgical and medical   | Surgical knife blades and handles              |
| Instruments and apparatus: medical, surgical, ophthalmic, and veterinary | Tonometers, medical                            |
| IV transfusion apparatus   | Trocars  |
| Knives, surgical   | Ultrasonic medical equipment                   |
| Metabolism apparatus   | Veterinarians' instruments and apparatus       |

Group Industry  
No. No.  
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## SURGICAL, MEDICAL, AND DENTAL INSTRUMENTS AND SUPPLIES—Con.

### 3842 Orthopedic, Prosthetic, and Surgical Appliances and Supplies

Establishments primarily engaged in manufacturing orthopedic, prosthetic, and surgical appliances and supplies, arch supports, and other foot appliances; fracture appliances, elastic hosiery, abdominal supportors, braces, and trusses; bandages; surgical gauze and dressings; sutures; adhesive tapes and medicated plasters; and personal safety appliances and equipment. Establishments primarily engaged in manufacturing surgical and medical instruments are classified in Industry 3841. Establishments primarily engaged in manufacturing appliances and in the personal fitting to the individual prescription of a physician are classified in trade industries.

|   |  |
|---|--|
| Abdominal supportors, braces, and trusses                                 | Intra-uterine devices  |
| Absorbent cotton, sterilized  | Iron lungs   |
| Adhesive tape and plasters, medicated or nonmedicated                     | Life preservers, except cork and inflatable                  |
| Applicators, cotton tipped  | Ligatures, medical   |
| Atomizers, medical  | Limbs, artificial  |
| Autoclaves, hospital and surgical   | Linemen's safety belts                                       |
| Bandages and dressings, surgical and orthopedic                           | Models, anatomical   |
| Bandages: plastic, muslin, plaster of paris, etc.                         | Noise protectors, personal                                   |
| Belts: sanitary, surgical, and corrective                                 | Orthopedic devices and materials                             |
| Braces, elastic   | Pads, incontinent and bed                                    |
| Braces, orthopedic  | Personal safety appliances and equipment                     |
| Bulletproof vests   | Plugs, ear and nose  |
| Canes, orthopedic   | Prosthetic appliances and supplies                           |
| Cervical collars  | Radiation shielding aprons, gloves, sheeting, etc.           |
| Clothing, fire resistant and protective                                   | Respirators  |
| Colostomy appliances  | Respiratory protection equipment, personal                   |
| Corn remover pads, bunion pads, etc.                                      | Restraints, patient  |
| Corsets, surgical   | Safety appliances and equipment, personal                    |
| Cosmetic restorations   | Safety gloves, all materials                                 |
| Cotton, absorbent: sterilized   | Socks, stump   |
| Cotton, including cotton balls, sterile and nonsterile                    | Space suits  |
| Crutches and walkers  | Splints, pneumatic and wood                                  |
| Drapes, surgical: cotton  | Sponges, surgical  |
| Dressings, surgical   | Sterilizers, hospital and surgical                           |
| Ear stoppers  | Stockinette, surgical  |
| Elastic hosiery, orthopedic   | Stretchers   |
| Extension shoes, orthopedic   | Suits, firefighting: asbestos                                |
| First aid, snake bite, and burn kits                                      | Supports: abdominal, ankle, arch, kneecap, etc.              |
| Foot appliances, orthopedic   | Surgical appliances and supplies, except medical instruments |
| Fracture appliances, surgical   | Suspensories   |
| Gas masks   | Sutures, absorbable and nonabsorbable                        |
| Gauze, surgical: not made in weaving mills                                | Swabs, sanitary cotton                                       |
| Grafts, artificial: for surgery—made of braided or mesh artificial fibers | Tongue depressors  |
| Gynecological supplies and appliances                                     | Traction apparatus   |
| Hearing aids  | Trusses: orthopedic and surgical                             |
| Helmets, space  | Weiders' hoods   |
| Hosiery, support  | Wheelchairs  |
| Hydrotherapy equipment  | Whirlpool baths, hydrotherapy equipment                      |
| Infant incubators   |  |

### 3843 Dental Equipment and Supplies

Establishments primarily engaged in manufacturing artificial teeth, dental metals, alloys and amalgams, and a wide variety of equipment, instruments, and supplies used by dentists, dental laboratories, and dental colleges. Dental laboratories constructing artificial dentures, bridges, inlays, and other dental restorations on specifications from dentists are classified in Industry 8072.

|  |                               |
|--|-------------------------------|
| Abrasive points, wheels, and disks: dental | Dental alloys for amalgams    |
| Autoclaves, dental                         | Dental engines                |
| Broaches, dental                           | Dental equipment and supplies |
| Burs, dental                               | Dental laboratory equipment   |
| Cabinets, dental                           | Dental metal                  |
| Cement, dental                             | Denture materials             |
| Chairs, dentists'                          | Drills, dental                |
| Compounds, dental                          | Enamels, dentists'            |
| Cutting instruments, dental                | Forceps, dental               |
|  | Furnaces, laboratory: dental  |

Group  
No. 384

Industry  
No. **SURGICAL, MEDICAL, AND DENTAL INSTRUMENTS AND SUPPLIES—Con.**  
**3843 Dental Equipment and Supplies—Continued**

Glue, dental  
Gold, dental  
Hand pieces and parts, dental  
Impression material, dental  
Investment material, dental  
Orthodontic appliances  
Plaster, dental

Files, dental  
Sterilizers, dental  
Teeth, artificial: not made in dental laboratories  
Tools, dentists'  
Ultrasonic dental equipment  
Wax, dental

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**OPHTHALMIC GOODS**

**3851 Ophthalmic Goods**

Establishments primarily engaged in manufacturing ophthalmic frames, lenses, and sunglass lenses. Establishments primarily engaged in manufacturing slit lamps are classified in Industry 3841, and molded glass blanks in Industry 3229. Establishments primarily engaged in grinding lenses and fitting glasses to prescription are classified in trade.

Contact lenses  
Eyeglasses, lenses, and frames  
Eyes, glass and plastic  
Frames and parts, eyeglass and spectacle  
Glasses, sun or glare  
Goggles: sun, safety, industrial, underwater, etc.  
Lens grinding, ophthalmic

Lenses, ophthalmic  
Lorgnettes  
Magnifiers (readers and simple magnifiers)  
Mountings, eyeglass and spectacle  
Optical grinding service for the trade  
Protectors, eye  
Spectacles  
Temples and fronts, ophthalmic

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**PHOTOGRAPHIC EQUIPMENT AND SUPPLIES**

**3861 Photographic Equipment and Supplies**

Establishments primarily engaged in manufacturing (1) photographic apparatus, equipment, parts, attachments, and accessories, such as still and motion picture cameras and projection apparatus; photocopy and microfilm equipment; blueprinting and diazotype (white printing) apparatus and equipment; and other photographic equipment; and (2) sensitized film, paper, cloth, and plates, and prepared photographic chemicals for use therewith. Establishments primarily engaged in manufacturing photographic paper stock (unsensitized), and paper mats, mounts, easels, and folders for photographic use are classified in Major Group 26; photographic lenses in Industry 3832; photographic glass in Major Group 32; chemicals for technical purposes, not specifically prepared and packaged for use in photography, in Major Group 28; and photographic flash, flood enlarger, and projection lamps in Industry 3641.

Aerial cameras  
Blueprint cloth or paper, sensitized  
Blueprint reproduction machines and equipment  
Brownprint paper and cloth, sensitized  
Brownprint reproduction machines and equipment  
Cabinets, cassette film transfer  
Cameras, microfilm  
Cameras, still and motion picture: all types  
Densitometers  
Developers, prepared photographic: not made in chemical plants  
Developing machines and equipment, still or motion picture  
Diazotype (whiteprint) paper and cloth, sensitized  
Diazotype (whiteprint) reproduction machines and equipment  
Driers, photographic  
Editing equipment, motion picture: rewinds, viewers, titlers, splicers  
Enlargers, photographic  
Exposure meters, photographic  
Film, sensitized: motion picture, X-ray, still camera, and special purpose

Fixers, prepared photographic: not made in chemical plants  
Flashlight apparatus for photographers, except bulbs  
Graphic arts plates, sensitized  
Hangers: photographic film, plate, and paper  
Heat sensitized paper made from purchased paper  
Holders: photographic film, plate, and paper  
Lantern slide plates, sensitized  
Lens shades, camera  
Light meters, photographic  
Metallic emulsion sensitized paper and cloth, photographic  
Microfilm equipment: cameras, projectors, readers, etc.  
Motion picture apparatus and equipment  
Motion picture film  
Photo reconnaissance systems  
Photo equipment, all types  
Photocopy machines  
Photoflash equipment, except lamps  
Photographic chemicals, prepared: not made in chemical plants

Group Industry  
No. No.

**386 PHOTOGRAPHIC EQUIPMENT AND SUPPLIES—Continued**

**3861 Photographic Equipment and Supplies—Continued**

|  |  |
|--|--|
| Photographic equipment and accessories                 | Shutters, camera   |
| Photographic instruments, electronic                   | Sound recording and reproducing equipment, motion picture  |
| Photographic paper and cloth, sensitized: all types    | Stands, camera and projector                               |
| Photographic sensitized goods                          | Stereopticons  |
| Plates, photographic: sensitized                       | Tanks: photographic developing, fixing, and washing        |
| Printing equipment, photographic                       | Toners, prepared photographic: not made in chemical plants |
| Printing frames, photographic                          | Trays, photographic printing and processing                |
| Processing equipment, photographic                     | Tripods, camera and projector                              |
| Projectors, still and motion picture: silent and sound | Washers, photographic print and film                       |
| Range finders, photographic                            | X-ray film   |
| Reels, film  | X-ray plates, sensitized                                   |
| Screens, projection                                    |  |
| Sensitometers, photographic                            |  |

**387 WATCHES, CLOCKS, CLOCKWORK OPERATED DEVICES, AND PARTS**

**3873 Watches, Clocks, Clockwork Operated Devices, and Parts**

Establishments primarily engaged in manufacturing clocks (including electric), watches, watchcases, mechanisms for clockwork operated devices, and clock and watch parts. This industry includes establishments primarily engaged in assembling clocks and watches from purchased movements and cases. Establishments primarily engaged in manufacturing time clocks are classified in Industry 3579, glass crystals in Industry 3231, and unbreakable crystals in Industry 3079.

|   |   |
|---|---|
| Appliance timers                                      | Movements, watch or clock                           |
| Chronographs, spring wound                            | Timers for industrial use, clockwork mechanism only |
| Chronometers, spring wound                            | Watchcases  |
| Clock materials and parts, except crystals and jewels | Watches and parts: except crystals and jewels       |
| Clocks, assembling of                                 |   |
| Clocks, including electric                            |   |
| Mechanisms for clockwork operated devices             |   |

## Major Group 39.—MISCELLANEOUS MANUFACTURING INDUSTRIES

### *The Major Group as a Whole*

This major group includes establishments primarily engaged in manufacturing products not classified in any other manufacturing major group. Industries in this group fall into the following categories: jewelry, silverware and plated ware; musical instruments; toys, sporting and athletic goods; pens, pencils, and other office and artists' materials; buttons, costume novelties, miscellaneous notions; brooms and brushes; caskets; and other miscellaneous manufacturing industries.

Group No.    Industry No.

### 391    JEWELRY, SILVERWARE, AND PLATED WARE

#### 3911 Jewelry, Precious Metal

Establishments primarily engaged in manufacturing jewelry and other articles worn on or carried about the person, made of precious metals with or without stones (including the setting of stones where used), including cigarette cases and lighters, vanity cases and compacts; trimmings for umbrellas and canes; and jewel settings and mountings. Establishments primarily engaged in manufacturing costume jewelry from nonprecious metals and other materials are classified in Industry 3961.

Cases: cigar, cigarette, vanity—precious metal  
Cigar lighters, precious metal  
Cigarette lighters, precious metal  
Collar buttons, precious metal and precious or semiprecious stones  
Compacts, precious metal  
Cuff buttons, precious metal and precious or semiprecious stones  
Handbags, precious metal  
Handles, umbrella and parasol: gold and silver  
Jewel settings and mountings, precious metal  
Jewelry, made of precious metal or precious or semiprecious stones

Jewelry polishing for the trade  
Jewelry soldering, for the trade  
Medals, of precious or semiprecious metals  
Mountings, gold and silver: for pens, leather goods, umbrellas, etc.  
Pins, precious metal  
Rings, precious metal  
Rosaries and other small religious articles, precious metal  
Shirt studs, precious metal and precious or semiprecious stones  
Soldering for the jewelry trade  
Trimmings for canes, umbrellas, etc.—precious metal  
Watchbands, precious metal

#### 3914 Silverware, Plated Ware, and Stainless Steel Ware

Establishments primarily engaged in manufacturing flatware (including knives, forks, and spoons), hollow ware, toilet ware, ecclesiastical ware, and related products made of sterling silver; of metal plated with silver, gold, or other metal; of nickel silver; of pewter; or of stainless steel.

Carving sets: silver, nickel silver, and stainless steel (all metal)  
Cutlery: silver, nickel silver, stainless steel, and plated (all metal)  
Ecclesiastical ware: silver, nickel silver, pewter, and plated  
Flatware: silver, nickel silver, pewter, stainless steel, and plated  
Hollow ware: silver, nickel silver, pewter, stainless steel, and plated  
Loving cups: silver, nickel silver, pewter, and plated

Silversmithing  
Silverware: nickel silver, silver plated, solid silver, and sterling  
Table and kitchen cutlery: silver, silver plated, and stainless steel  
Toilet ware: silver, nickel silver, pewter, and plated  
Trays: silver, nickel silver, pewter, stainless steel, and plated  
Trophies: silver, nickel silver, pewter, and plated

Group Industry  
No. No.

**391 JEWELRY, SILVERWARE, AND PLATED WARE—Continued**

**3915 Jewelers' Findings and Materials, and Lapidary Work**

Establishments primarily engaged in manufacturing unassembled jewelry parts, and stock shop products such as sheet, wire, and tubing; and establishments of lapidaries primarily engaged in cutting, slabbing, tumbling, carving, engraving, polishing, or faceting stones from natural or man-made precious or semiprecious gem raw materials, either for sale or on a contract basis for the trade; in recutting, repolishing, and setting gem stones; or in cutting, drilling, and otherwise preparing jewels for instruments, dies, watches, chronometers, and other industrial uses. This industry includes the drilling, sawing, and peeling of real or cultured pearls, but does not include the manufacture of artificial pearls (Industry 3961).

Diamond cutting and polishing  
Diamond points for phonograph needles  
Jewel bearings, synthetic  
Jewel cutting, drilling, polishing, recutting, or setting  
Jewel preparing: for instruments, tools, watches, and jewelry

Jewelers' findings and materials  
Jewelry parts, unassembled  
Lapidary work, contract and other  
Pearls, drilling of  
Pin stems (jewelry findings)  
Stones: preparation of real and imitation gems for settings

**393**

**MUSICAL INSTRUMENTS**

**3931 Musical Instruments**

Establishments primarily engaged in manufacturing pianos, with or without player attachments; organs; other musical instruments; and parts and accessories for musical instruments.

Accordions and parts  
Autophones (organs with perforated music rolls)  
Banjos and parts  
Bassoons  
Bells (musical instruments)  
Blowers, pipe organ  
Bugles and parts (musical instruments)  
Calliopes (steam organs)  
Carillon bells  
Cellos and parts  
Chimes and parts (musical instruments)  
Clarinets and parts  
Concertinas and parts  
Cornets and parts  
Cymbals and parts  
Drummers' traps  
Drums, parts, and accessories (musical instruments)  
Flutes and parts  
Guitars and parts, electric and non-electric  
Harmonicas  
Harps and parts  
Harpsichords  
Heads, banjo and drum  
Mandolins and parts

Marimbas  
Mouthpieces for musical instruments  
Music rolls, perforated  
Music stands  
Musical instrument accessories: reeds, mouthpieces, stands, traps, etc.  
Oboes  
Ocarinas  
Octophones  
Organ parts and materials, except organ hardware  
Organs, all types: pipe, reed, hand, street, barrel, electronic, player  
Piano parts and materials, except piano hardware  
Pianos, all types: vertical, grand, spinet, player, coin-operated, etc.  
Piccolos and parts  
Saxophones and parts  
Stringed musical instruments and parts  
Strings, musical instrument  
Trombones and parts  
Trumpets and parts  
Ukeleles and parts  
Vibraphones  
Violins and parts  
Xylophones and parts  
Zithers and parts

**394**

**TOYS AND AMUSEMENT, SPORTING, AND ATHLETIC GOODS**

**3942 Dolls**

Establishments primarily engaged in manufacturing dolls, doll parts, and doll clothing. Establishments primarily engaged in manufacturing stuffed toy animals are also included in this industry.

Animals, stuffed: toy  
Dolls, doll parts, and doll clothing except wigs

Toys, stuffed



Group  
No. 394

Industry  
No. **TOYS AND AMUSEMENT, SPORTING, AND ATHLETIC GOODS—Continued**

**3944 Games, Toys, and Children's Vehicles; Except Dolls and Bicycles**

Establishments primarily engaged in manufacturing games and game sets for adults and children, and mechanical and nonmechanical toys. Important products of this industry include games such as chess, checkers, dominoes, puzzles, and other indoor games; and toys, such as toy furniture, doll carriages and carts, construction sets, mechanical trains, toy guns and air rifles, and other mechanical games and toys; baby carriages and strollers; children's velocipedes and tricycles, coaster wagons, play cars, sleds, and other children's outdoor wheel goods and vehicles, except bicycles (Industry 3751). Establishments primarily engaged in manufacturing dolls are classified in Industry 3942; and sporting and athletic goods for children and adults in Industry 3949.

|  |   |
|--|---|
| Air rifles, toy  | Magic lanterns (toys)   |
| Airplanes, toy   | Models, toy and hobby: airplane, boat, ship, railroad equipment, etc. |
| Automobiles and trucks, toys   | Musical instruments, toy  |
| Automobiles, children's  | Paint sets, children's  |
| Banks, toy   | Pistols, toy  |
| Baskets, toy   | Poker chips   |
| Bells, toy   | Rocking horses  |
| Blocks, toy  | Scooters, children's  |
| Books, toy: picture and cutout   | Sleds, children's   |
| Carriages, baby  | Strollers, baby (vehicles)  |
| Cars, play (children's vehicles)   | Structural toy sets   |
| Craft and hobby kits and sets  | Sulkies, baby (vehicles)  |
| Cycles, sidewalk: children's   | Tenders, baby (vehicles)  |
| Dishes, toy  | Toys: except dolls, children's vehicles, and rubber toys              |
| Doll carriages and carts   | Trains and equipment, toy: electric and mechanical                    |
| Drums, toy   | Tricycles   |
| Engines, miniature   | Vehicles except bicycles, children's                                  |
| Erector sets, toy  | Velocipedes   |
| Games for children and adults: puzzles, bingo, marbles, poker chips, chess | Wagons, children's: coaster, express, and play                        |
| Gocarts, children's  | Walkers, baby (vehicles)  |
| Guns, toy  |   |
| Hobbyhorses  |   |
| Horns, toy   |   |
| Kites  |   |

**3949 Sporting and Athletic Goods, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing sporting and athletic goods, not elsewhere classified, such as fishing tackle; golf and tennis goods; baseball, football, basketball, and boxing equipment; roller skates and ice skates; gymnasium and playground equipment; billiard and pool tables; and bowling alleys and equipment. Establishments primarily engaged in manufacturing athletic apparel are classified in Major Group 23, small arms ammunition in Industry 3482 and firearms in Industry 3484.

|  |   |
|--|---|
| Ammunition belts, sporting type: of all materials                      | Boxing equipment  |
| Archery equipment  | Bridges, billiard and pool  |
| Arrows, archery  | Buckets, fish and bait  |
| Athletic and sporting goods: except clothing, firearms, and ammunition | Cartridge belts, sporting type                                    |
| Badminton equipment  | Cases, gun and rod (sporting equipment)                           |
| Bait, fishing: artificial  | Creels, fish  |
| Balls: baseball, basketball, football, golf, tennis, pool, and bowling | Cricket equipment   |
| Baseball equipment and supplies, except uniforms                       | Croquet sets  |
| Bases, baseball  | Decoys, duck and other game birds                                 |
| Basketball equipment and supplies, except uniforms                     | Dumbbells   |
| Baskets, fish and bait   | Exercising machines   |
| Bats: baseball, cricket, etc.  | Fencing equipment (sporting goods)                                |
| Billiard and pool balls, cues, cue tips, and tables                    | Fishing tackle (except lines, nets, and seines)                   |
| Billiard chalk   | Flies, artificial: for fishing                                    |
| Boomerangs   | Floats, for fish lines  |
| Bowling alleys and accessories   | Footballs and football equipment and supplies, except uniforms    |
| Bowling pin machines, automatic  | Game calls  |
| Bowling pins   | Gloves, sport and athletic: boxing, baseball, handball, etc.      |
| Bows, archery  | Golf carts, hand  |
|  | Golfing equipment: caddy carts and bags, clubs, tees, balls, etc. |

Group Industry  
No. No.

**394 TOYS AND AMUSEMENT, SPORTING, AND ATHLETIC GOODS—Continued**

**3949 Sporting and Athletic Goods, Not Elsewhere Classified—Continued**

|   |   |
|---|---|
| Guards: football, basketball, soccer, lacrosse, etc.                | Skates and parts, ice and roller                          |
| Gymnasium and playground equipment                                  | Skin diving equipment, scuba type: except clothing        |
| Helmets, athletic   | Skis and skiing equipment, except apparel                 |
| Hockey equipment, except uniforms                                   | Snowshoes   |
| Indian clubs  | Soccer equipment, except apparel                          |
| Lacrosse equipment  | Spears, fishing   |
| Mallets, polo, croquet, etc.  | Sporting goods: except clothing, firearms, and ammunition |
| Masks: baseball, fencing, hockey, etc.                              | Squash equipment, except apparel                          |
| Nets: badminton, basketball, tennis, etc.—not made in weaving mills | Sticks: hockey, lacrosse, etc.                            |
| Pads: football, basketball, soccer, lacrosse, etc.                  | Striking (punching) bags                                  |
| Pigeons, clay (targets)   | Strings, tennis racket                                    |
| Pin setters for bowling, automatic                                  | Swimming pools, plastic                                   |
| Playground equipment  | Tables: billiard, pool, bagatelle, and ping pong          |
| Polo equipment, except apparel                                      | Target shooting equipment, except firearms and ammunition |
| Pool balls, pockets, tables, and equipment                          | Targets, archery and rifle shooting                       |
| Protectors: baseball, basketball, hockey, etc.                      | Targets, clay   |
| Rackets and frames: tennis, badminton, squash, lacrosse, etc.       | Tennis goods: balls, frames, rackets, etc.                |
| Scoops, crab and fish   | Toboggans   |
| Shafts, golf club   | Track and field athletic equipment, except apparel        |
| Shooting equipment, except firearms and ammunition                  | Trap racks (clay targets)                                 |
| Sinkers (fishing tackle)  | Wading pools, plastic coated fabric                       |

**395**

**PENS, PENCILS, AND OTHER OFFICE AND ARTISTS' MATERIALS**

**3951 Pens, Mechanical Pencils, and Parts**

Establishments primarily engaged in manufacturing pens, pen points, fountain pens, ball point pens, refill cartridges, porous tipped felt tip markers, and parts.

|   |  |
|---|--|
| Cartridges, refill: for ball point pens         | Nibs (pen points): gold, steel, or other metal             |
| Fountain pens and fountain pen desk sets        | Pen points: gold, steel, or other metal                    |
| Markers, soft tip (felt, fabric, plastic, etc.) | Pencils and pencil parts, mechanical                       |
| Meter pens                                      | Penholders and parts                                       |
|   | Pens and pen parts: fountain, style-graphic and ball point |

**3952 Lead Pencils, Crayons, and Artists' Materials**

Establishments primarily engaged in manufacturing lead pencils, pencil leads, and crayons; and materials and equipment for art work, such as airbrushes, drawing tables and boards, palettes, sketch boxes, pantographs, artists' colors and waxes, pyrography goods, drawing inks, and drafting materials. Establishments primarily engaged in manufacturing mechanical pencils are classified in Industry 3951, and drafting instruments in Industry 3811.

|   |   |
|---|---|
| Artists' materials, except drafting instruments                   | Ink, drawing: black and colored                 |
| Boards, drawing: artists'   | Lettering instruments, artists'                 |
| Boxes, sketching and paint  | Maulsticks, artists'                            |
| Brushes, air: artists'  | Modeling clay                                   |
| Burnishers and cushions, gliders'                                 | Paints, artists'                                |
| Canvas, artists': prepared on frames                              | Paints for burnt wood or leather work, platinum |
| Canvas board, artists'  | Paints for china painting                       |
| Chalk: carpenters', blackboard, marking, artists', tailors', etc. | Palettes, artists'                              |
| Colors, artists': water, oxide ceramic glass                      | Pantographs, for drafting                       |
| Crayons: chalk, gypsum, charcoal, fusains, pastel, and wax        | Pastels, artists'                               |
| Drafting materials, except instruments                            | Pencil holders                                  |
| Drawing tables and boards, artists'                               | Pencil lead: black, indelible, or colored       |
| Easels, artists'  | Pencils and pencil parts, except mechanical     |
| Enamels, china painting   | Pyrography materials                            |
| Eraser guides and shields   | Sizes, artists': gold and bronze                |
| Frames for artists' canvases                                      | Sketching boxes, artists'                       |
| Frisket paper (artists' material)                                 | Tracing cloth (drafting material)               |
| Gold or bronze mixtures, powders, paints, and sizes: artists'     | Walnut oil, artists'                            |
|   | Water colors, artists'                          |
|   | Wax, artists'                                   |

Group  
No. 395

Industry  
No.

**PENS, PENCILS, AND OTHER OFFICE AND ARTISTS' MATERIALS—Continued**

**3953 Marking Devices**

Establishments primarily engaged in manufacturing rubber and metal hand stamps, dies, and seals; steel letters and figures; and stencils for use in painting or marking. Establishments primarily engaged in manufacturing felt tip markers are classified in Industry 3961.

|                                     |   |
|-------------------------------------|---|
| Dies (hand seals)                   | Printing dies, rubber   |
| Figures, metal                      | Screens, textile printing   |
| Hand stamps, stencils, and brands   | Seals, hand (dies)  |
| Irons, marking or branding          | Stamps, hand: time, date, postmark, canceling, shoe and textile marking |
| Letters (marking devices), metal    | Stencil machines (marking devices)                                      |
| Numbering stamps, with rubber type: | Stencils for use in painting and marking: metal, cardboard, etc.        |
| hand                                |   |
| Pads, inking and stamping           |   |
| Paper stencils                      |   |

**3955 Carbon Paper and Inked Ribbons**

Establishments primarily engaged in manufacturing carbon paper for business machines, sales books, etc.; spirit or gelatin process and other stencil paper; and inked or carbon ribbons for business machines.

|   |  |
|---|--|
| Carbon paper for typewriters, sales books, etc.                 | Stencil paper for typewriters            |
| Ribbons, inked: typewriter, adding machine, cash register, etc. | Stencil paper, gelatin or spirit process |

396

**COSTUME JEWELRY, COSTUME NOVELTIES, BUTTONS, AND MISCELLANEOUS NOTIONS, EXCEPT PRECIOUS METAL**

**3961 Costume Jewelry and Costume Novelties, Except Precious Metal**

Establishments primarily engaged in manufacturing costume jewelry, costume novelties, and ornaments made of all materials, except precious metal, precious or semiprecious stones, and rolled gold plate and gold filled materials (Industry 3911).

|  |  |
|--|--|
| Compacts, except precious metal and solid leather                          | Pearls, artificial   |
| Costume jewelry, except precious metal and precious or semiprecious stones | Rings, finger: gold plated wire                                    |
| Novelties, costume: except precious metal and gems                         | Rosaries and other small religious articles, except precious metal |
| Ornaments, costume: except precious metal and gems                         | Vanity cases, except precious metal and leather                    |
|  | Watchbands, base metal   |

**3962 Feathers, Plumes, and Artificial Trees and Flowers**

Establishments primarily engaged in manufacturing artificial trees (including Christmas trees), flowers, fruits, and foliage made from all materials except glass; in producing fancy feathers, plumes, and articles made principally of feathers and plumes. Establishments primarily engaged in manufacturing artificial flowers, fruits, and foliage from glass are classified in Industry 3231.

|  |   |
|--|---|
| Artificial and preserved flowers, foliage, fruits, and vines: except glass | Plants, artificial or preserved, except glass                     |
| Christmas trees, artificial  | Plumes, feather   |
| Down (feathers)  | Trimnings, feather  |
| Dusters, feather   | Wreaths, artificial   |
| Feathers: curling, dyeing, and renovating—for the trade                    | Wreaths, garlands, and sprays: made from tree boughs, cones, etc. |
| Grasses, artificial and preserved: except glass                            |   |

**3963 Buttons**

Establishments primarily engaged in manufacturing buttons, button parts, and button blanks and molds, of all materials except precious metal and precious or semiprecious stones (Industry 3911).

|  |   |
|--|---|
| Button backs and parts   | Collar buttons, except precious metal and precious or semiprecious stones |
| Button blanks and molds  | Cuff buttons, except precious metal and precious or semiprecious stones   |
| Button coloring for the trade  | Shirt studs, except precious metal and precious or semiprecious stones    |
| Buttons, of all materials except precious metal or semiprecious stones |   |

Group Industry  
No. No.

**396 COSTUME JEWELRY, COSTUME NOVELTIES, BUTTONS, AND MISCELLANEOUS NOTIONS, EXCEPT PRECIOUS METAL—Continued**

**3964 Needles, Pins, Hooks and Eyes, and Similar Notions**

Establishments primarily engaged in manufacturing notions, such as machine and hand needles, pins, hooks and eyes, eyelets, buckles, and slide and snap fasteners.

|   |  |
|---|--|
| Buckle blanks and molds   | Hairpins, except rubber  |
| Buckles and buckle parts, except shoe buckles                       | Hooks and eyes   |
| Curlers, hair: except equipment designed for beauty parlor use      | Hooks, crochet   |
| Eyelets, metal: for clothing, fabrics, boots and shoes, paper, etc. | Needles, hand and machine  |
| Fasteners: glove, slide, snap, and hook-and-eye                     | Pins, except jewelry: toilet, safety, hat, pins, hairpins—steel or brass |
| Hair curlers, except equipment designed for beauty parlor use       | Tape, hook-and-eye and snap fastener                                     |
|   | Zippers (slide fasteners)  |

**399 MISCELLANEOUS MANUFACTURING INDUSTRIES**

**3991 Brooms and Brushes**

Establishments primarily engaged in manufacturing household, industrial, and street sweeping brooms; and brushes, such as paintbrushes, toothbrushes, toilet brushes, and household and industrial brushes.

|   |  |
|---|--|
| Artists' brushes, hand  | Push brooms                              |
| Brooms, hand and machine: bamboo, wire, fiber, splint or other material | Shaving brushes                          |
| Brushes for vacuum cleaners, carpet sweepers, and other rotary machines | Street sweeping brooms, hand and machine |
| Brushes, household and industrial                                       | Toilet brushes                           |
| Hair pencils (artists' brushes)   | Toothbrushes, except electric            |
| Paint brushes   | Varnish brushes                          |
| Paint rollers   | Whisk brooms                             |

**3993 Signs and Advertising Displays**

Establishments primarily engaged in manufacturing electrical, mechanical, cutout, or plate signs and advertising displays, including neon signs and advertising novelties. Sign painting shops doing business on a custom basis are classified in Industry 7399. Establishments primarily engaged in manufacturing electric signal equipment are classified in Industry 3662, and commercial lighting fixtures in Industry 3646.

|   |   |
|---|---|
| Advertising displays, except printed      | Letters for signs, metal                          |
| Advertising novelties                     | Name plates, metal: except engraved, etched, etc. |
| Cutouts and displays, window and lobby    | Neon signs  |
| Displays, paint process                   | Scoreboards, electric                             |
| Electrical signs and advertising displays | Signs, not made in custom sign painting shops     |

**3995 Burial Caskets**

Establishments primarily engaged in manufacturing burial caskets and cases including shipping cases of wood or other material except concrete. Establishments primarily engaged in producing other goods for use by morticians are classified on the basis of the product, such as burial garments in Major Group 23.

|                              |                         |
|------------------------------|-------------------------|
| Burial cases, metal and wood | Caskets, metal and wood |
| Burial vaults, fiberglass    | Grave vaults, metal     |
| Casket linings               |                         |

**3996 Linoleum, Asphalted-Felt-Base, and Other Hard Surface Floor Coverings, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing linoleum, asphalted-felt-base, and other hard surface floor coverings, not elsewhere classified. Establishments primarily engaged in manufacturing rubber floor coverings are classified in Industry 3069, and cork floor and wall tile in Industry 2499.

|   |   |
|---|---|
| Carpets, asphalted-felt-base (linoleum)         | Hard surfaced floor coverings, except rubber and cork |
| Floor coverings, asphalted-felt-base (linoleum) | Linoleum  |
|   | Tile, floor: supported plastic                        |

Group  
No. 399

Industry  
No.

**MISCELLANEOUS MANUFACTURING INDUSTRIES—Continued**

**3999 Manufacturing Industries, Not Elsewhere Classified**

Establishments primarily engaged in manufacturing miscellaneous fabricated products, including beauty shop and barber shop equipment; hair work; tobacco pipes and cigarette holders; coin-operated amusement machines; matches; candles; lamp shades; dressed and dyed furs; umbrellas; parasols and canes; and other articles, not elsewhere classified.

|   |  |
|---|--|
| Advertising curtains  | Hair, dressing of, for the trade   |
| Amusement machines, coin-operated:<br>except coin-operated phonographs        | Hair goods: braids, nets, switches,<br>toupees, wigs, etc.                     |
| Atomizers, other than medical   | Hairpin mountings  |
| Badges, for policemen, firemen, etc.—<br>metal                                | Hat blocks and display forms   |
| Barber shop equipment   | Honeycomb foundations (beekeepers'<br>supplies)                                |
| Barbers' clippers, hand and electric  | Hosiery kits, sewing and mending   |
| Beach umbrellas   | Identification plates  |
| Beaded novelties  | Identification tags, except paper  |
| Beads, unassembled  | Lamp shade frames  |
| Beauty shop equipment   | Lighters, cigar and cigarette: except<br>precious metal and electric           |
| Beekeeping supplies, except wood  | Mannikins and display forms  |
| Bone novelties  | Marionettes (puppets)  |
| Book matches  | Massage machines, electric: designed<br>for beauty and barber shops            |
| Boutiquing: decorating gift items with<br>sequins, fruit, etc., for the trade | Matches and match books  |
| Bric-a-brac   | Military insignia, except textile  |
| Bristles, dressing of   | Models, except toy and hobby airplane,<br>boat, ship, railroad, etc.           |
| Burnt wood articles   | Mosaics: ivory, shell, horn, and bone  |
| Buttons: Red Cross, union, identifica-<br>tion                                | Mountings, comb and hairpin: except<br>precious metal                          |
| Calendars, framed   | Musical chests   |
| Candles   | Novelties: bone, beaded, and shell   |
| Canes and cane trimmings, except pre-<br>cious metal                          | Pads, permanent waving   |
| Chairs, hydraulic: barber and beauty<br>shop                                  | Painting instrument dials, for the<br>trade                                    |
| Christmas tree ornaments, except elec-<br>trical and glass                    | Parasols and frames: handles, parts,<br>and trimmings—except precious<br>metal |
| Cigar and cigarette holders   | Pelts: scraping, currying, tanning,<br>bleaching, and dyeing                   |
| Cigarette filters, not made in chemical<br>plants                             | Permanent wave equipment and ma-<br>chines                                     |
| Cigarette lighter flints  | Picture plaques, laminated   |
| Cleaners, pipe and cigarette holder   | Pipes, pipestems, and bits: tobacco—<br>except hard rubber                     |
| Combs, except hard rubber   | Plaques, picture: laminated  |
| Curlers, hair: designed for beauty<br>parlors                                 | Preparation of slides and exhibits, for<br>classroom use                       |
| Curls, artificial (hair)  | Printing eyeglass frames for the trade   |
| Decalcomania work, except on china<br>or glass, for the trade                 | Puppets  |
| Desk pads, except paper   | Scenery for theaters, opera houses,<br>halls, and schools                      |
| Doll wigs (hair)  | Sewing kits, novelty: other than sew-<br>ing cases and cabinets                |
| Dressing of furs: bleaching, blending,<br>currying, scraping, and tanning     | Shades, lamp and candle: except glass<br>and metal                             |
| Driers, hair: designed for beauty<br>parlors                                  | Shell novelties  |
| Embroidery kits   | Shoe patterns  |
| Figures, wax: mannikins, etc.   | Slot machines  |
| Fingerprint equipment, except cameras<br>and optical equipment                | Smokers, bee (beekeepers' supplies)  |
| Fire extinguishers, portable  | Soap dispensers  |
| Flocking metal products for the trade   | Sponges, bleaching and dyeing of   |
| Fly swatters  | Stage hardware and equipment, except<br>lighting equipment                     |
| Forms: display, dress, and show—ex-<br>cept shoe display forms                | Stereographs, photographic   |
| Frames and handles, handbag and lug-<br>gage: except precious metal           | Sterilizers, beauty and barber shop  |
| Fur stripping   | Straw goods  |
| Furniture, beauty shop and barber<br>shop                                     | Stringing beads for the trade  |
| Furs, dressed: bleached, curried,<br>scraped, tanned, and dyed                | Tape measures  |
| Games, coin-operated: pinball and<br>other                                    | Tear gas devices and equipment   |
| Globes, geographical  | Tinsel   |
| Gold stamping for the trade, except<br>books                                  | Transformations, hair  |
| Grenades, hand (fire extinguishers)   | Treating clock and watch dials with<br>luminous material                       |
| Grinding purchased nut shells   | Umbrellas and parts, except precious<br>metal                                  |
| Hair clippers for human use, hand and<br>electric                             | Umbrellas: beach, garden, and wagon  |
|   | Vells made of hair   |

Group Industry  
No. No.

**399 MISCELLANEOUS MANUFACTURING INDUSTRIES—Continued**

**3999 Manufacturing Industries, Not Elsewhere Classified—Continued**

Vibrators, electric: designed for beauty  
and barber shops  
Walnut shell flour

Wigs, including doll wigs, toupees or  
wigslets, except custom made  
Wind chimes  
Wool pulling

## **Division I**

# **Services**

### *The Division as a Whole*

This division includes establishments primarily engaged in providing a wide variety of services for individuals, business and government establishments, and other organizations. Hotels and other lodging places; establishments providing personal, business, repair, and amusement services; health, legal, engineering, and other professional services; educational institutions; membership organizations, and other miscellaneous services, are included.

Establishments which provide specialized services closely allied to agriculture, mining, transportation, etc., are classified in their respective divisions.

## Major Group 70.—HOTELS, ROOMING HOUSES, CAMPS, AND OTHER LODGING PLACES

### *The Major Group as a Whole*

This major group includes commercial and institutional establishments engaged in furnishing lodging, or lodging and meals, and camping space and camping facilities, on a fee basis.

Group Industry  
No. No.

### 701 HOTELS, MOTELS, AND TOURIST COURTS

#### 7011 Hotels, Motels, and Tourist Courts

Commercial establishments, known to the public as hotels, motor-hotels, motels, or tourist courts, primarily engaged in providing lodging, or lodging and meals, for the general public. Resort hotels and hotels operated by membership organizations, and open to the general public, are included. Apartment hotels are classified in Industry 6513; rooming and boarding houses in Industry 7021; and sporting and recreational camps in Industry 7032.

Auto courts  
Cabins and cottages  
Camps, tourist  
Hotels, except residential  
Inns, furnishing food and lodging  
Motels  
Recreational hotels  
Seasonal hotels  
Ski lodges and resorts

Summer resort hotels  
Tourist cabins  
Tourist courts  
Winter resort hotels  
YMCA and YMHA hotels, open to the  
general public  
YWCA and YWHA hotels, open to gen-  
eral public

### 702 ROOMING AND BOARDING HOUSES

#### 7021 Rooming and Boarding Houses

Establishments renting rooms, with or without board, on a fee basis to permanent or transient guests. Homes for the aged, for children, and for the handicapped that provide additional services, other than nursing care, are classified in Industry 8361 and homes that provide nursing care in Group 805.

Boarding houses, except organization  
Dormitories, commercially operated  
Lodging houses, except organization

Rental of furnished rooms  
Rooming houses, except organization

### 703 CAMPS AND TRAILERING PARKS

#### 7032 Sporting and Recreational Camps

Commercially operated sporting and recreational camps, such as boys' and girls' camps, and fishing and hunting camps. Establishments operating day camps are classified in Industry 7900. Resort hotels are classified in Industry 7011.

Boys' camps  
Cabin camps  
Camps, sporting and recreational  
Dude ranches, except hotel

Fishing camps  
Girls' camps  
Hunting camps  
Nudist camps

#### 7033 Trailering Parks and Camp Sites for Transients

Establishments primarily engaged in providing overnight or short-term sites for trailers, campers, or tents, with or without utilities such as water and electricity. Establishments primarily operating residential trailer parks are classified in Industry 6515.

Camp sites for transients  
Campgrounds

Trailering parks and camp sites for  
transients



Group No. Industry No.  
704

**ORGANIZATION HOTELS AND LODGING HOUSES, ON MEMBERSHIP BASIS**

**7041 Organization Hotels and Lodging Houses, on Membership Basis**

Lodging houses and hotels operated by membership organizations for the benefit of their constituents, and not open to the general public. Commercial hotels operated by such organizations are classified in Group 701. Resident homes for the aged and retarded are classified in Industry 8361.

Boarding houses, fraternity and sorority  
Boarding houses, organization  
Fraternity residential houses  
Hotels, organization  
Lodging houses, organization

Residence clubs, organization  
Rooming houses, fraternity and sorority  
Rooming houses, organization  
Sorority residential houses

**Major Group 72.—PERSONAL SERVICES***The Major Group as a Whole*

This major group includes establishments primarily engaged in providing services generally involving the care of the person or his apparel, such as laundries, dry cleaning plants, portrait photographic studios, and beauty and barber shops.

Group Industry  
No. No.

**721 LAUNDRY, CLEANING, AND GARMENT SERVICES****7211 Power Laundries, Family and Commercial**

Establishments primarily engaged in operating mechanical laundries with steam or other power. Industrial launderers primarily engaged in supplying laundered work clothing on a contract basis are classified in Industry 7218.

Laundry collecting and distributing  
outlets, operated by power laundries

Power laundries, family and commercial

**7212 Garment Pressing, and Agents for Laundries and Dry Cleaners**

Establishments primarily engaged in providing laundry and dry cleaning services but which have the laundry and dry cleaning work done by others. Establishments in this classification may do their own pressing or finish work. Establishments operating their own laundry plants are classified in Industry 7211; and those operating their own dry cleaning plants in Industry 7216.

Agent, retail: for laundries and dry  
cleaners  
Bobtailers, laundry and dry cleaning  
Cleaning and laundry pickup stations,  
not owned by laundries or cleaners

Press shops (for garments)  
Truck route laundry and dry cleaning,  
not operated by laundry or cleaners  
Valet service

**7213 Linen Supply**

Establishments primarily engaged in supplying to commercial establishments or household users, on a rental basis, such laundered items as uniforms, gowns, and coats of the type used by doctors, nurses, barbers, beauticians, waitresses, etc.; and table linens, bed linens, towels and toweling, and similar items. Establishments included in this industry may or may not operate their own laundry facilities. Diaper and infant wear services are classified in Industry 7214.

Apron supply service  
Coat supply service  
Linen supply service

Shirt supply service  
Table cover supply service  
Towel supply service

**7214 Diaper Service**

Establishments primarily engaged in supplying diapers (including disposable) and other baby linens to homes, usually on a contract basis. Such establishments may or may not operate their own laundry facilities.

Diaper service

Infant wear service

**7215 Coin-operated Laundries and Dry Cleaning**

Establishments primarily engaged in the operation of coin-operated or similar self-service laundry and dry cleaning equipment for use on the premises, or in apartments, dormitories and similar locations.

Coin-operated laundries  
Dry cleaning, coin-operated  
Launderettes

Laundromats  
Laundry machine routes, coin-operated  
Self-service laundry and dry cleaning

Group  
No. 721

Industry  
No. **LAUNDRY, CLEANING, AND GARMENT SERVICES—Continued**

**7216 Dry Cleaning Plants, Except Rug Cleaning**

Plants primarily engaged in dry cleaning or dyeing apparel and household fabrics other than rugs (Industry 7217). Press shops and agents for dry cleaners are classified in Industry 7212. Establishments dyeing fabrics for the trade are classified in Major Group 22.

Cleaning and dyeing plants, except rug cleaning  
Collecting and distributing agencies, operated by cleaning plants

Drapery dry cleaning plants  
Dry cleaning plants, except rug cleaning

**7217 Carpet and Upholstery Cleaning**

Establishments primarily engaged in cleaning carpets and upholstered furniture at a plant or on customers' premises. Establishments primarily engaged in rug repairing are classified in Industry 7699; and those primarily engaged in reupholstery and furniture repair in Industry 7641.

Carpet cleaning and repairing plants  
Carpet cleaning on customers' premises  
Furniture cleaning on customers' premises

Rug cleaning, dyeing, and repairing plants  
Upholstery cleaning on customers' premises

**7218 Industrial Launderers**

Establishments primarily engaged in supplying laundered or dry cleaned work uniforms; laundered wiping towels; safety equipment (gloves, flame resistant clothing, etc.); dust control items, such as treated mats or rugs, mops, dust tool covers and cloths; and other selected items to industrial or commercial users. These items may belong to the industrial launderers and be supplied to users on a rental basis, or they may be the customer's own goods. Establishments included in this industry may or may not operate their own laundry or dry cleaning facilities.

Flame resistant clothing supply service  
Industrial launderers  
Industrial uniform supply service  
Launderers, industrial  
Safety glove supply service

Treated mats, rugs, mops, dust tool covers and cloths supply service  
Wiping towel supply service  
Work clothing supply service

**7219 Laundry and Garment Services, Not Elsewhere Classified**

Establishments primarily engaged in furnishing other laundry services, including repairing, altering, and storing clothes for individuals; and the operation of Chinese, French, and other hand laundries. Custom tailors are classified in Industry 5699; fur shops making fur apparel to custom order in Industry 5681; and press shops in Industry 7212.

Chinese hand laundries  
Clothing alteration and repair shops  
French hand laundries  
Fur garments: cleaning, repairing, and storage  
Garment alteration and repair shops  
Glove mending for individuals  
Hand laundries

Hosiery repair service  
Laundries, except power and coin-operated  
Pillow cleaning and renovating  
Reweaving textiles (mending service)  
Tailor shops, except custom or merchant tailors  
Weaving textiles (mending service)

722

**PHOTOGRAPHIC STUDIOS, PORTRAIT**

**7221 Photographic Studios, Portrait**

Establishments primarily engaged in portrait photography for the general public. Establishments primarily engaged in commercial photography are classified in Industry 7333; those primarily engaged in film developing or print processing for the trade or for the general public are classified in Industry 7395; and those engaged in motion picture film processing in Industry 7819.

Home photographers  
Passport photographers  
Portrait photographers

School photographers  
Transient photographers

| Group<br>No. | Industry<br>No. |   |   |
|--------------|-----------------|---|---|
| <b>723</b>   |                 | <b>BEAUTY SHOPS</b>   |   |
|              | <b>7231</b>     | <b>Beauty Shops</b>   |   |
|              |                 | Establishments primarily engaged in furnishing beauty services. This industry also includes combination beauty and barber shops.  |   |
|              |                 | Beauty and barber shops, combined<br>Beauty culture schools   | Beauty shops<br>Hairdressers  |
| <b>724</b>   |                 | <b>BARBER SHOPS</b>   |   |
|              | <b>7241</b>     | <b>Barber Shops</b>   |   |
|              |                 | Establishments primarily engaged in furnishing barber and men's hair styling services.  |   |
|              |                 | Barber colleges<br>Barber shops   | Hair stylists, men's  |
| <b>725</b>   |                 | <b>SHOE REPAIR SHOPS, SHOE SHINE PARLORS, AND HAT CLEANING SHOPS</b>  |   |
|              | <b>7251</b>     | <b>Shoe Repair Shops, Shoe Shine Parlors, and Hat Cleaning Shops</b>  |   |
|              |                 | Establishments primarily engaged in repairing footwear, shining shoes, and cleaning and blocking hats.  |   |
|              |                 | Bootblack parlors<br>Hat cleaning and blocking shops<br>Shoe dyeing shops   | Shoe repair shops<br>Shoe shine parlors   |
| <b>726</b>   |                 | <b>FUNERAL SERVICE AND CREMATORIES</b>  |   |
|              | <b>7261</b>     | <b>Funeral Service and Crematories</b>  |   |
|              |                 | Establishments primarily engaged in preparing the dead for burial, conducting funerals, and cremating the dead.   |   |
|              |                 | Crematories<br>Funeral directors<br>Funeral homes or parlors  | Morticians<br>Undertakers   |
| <b>729</b>   |                 | <b>MISCELLANEOUS PERSONAL SERVICES</b>  |   |
|              | <b>7299</b>     | <b>Miscellaneous Personal Services</b>  |   |
|              |                 | Establishments primarily engaged in providing personal services, not elsewhere classified, such as steam baths, reducing salons and health clubs, clothing rental, locker rental, and porter service. The rental of cold storage lockers is classified in Industry 4222.  |   |
|              |                 | Babysitting bureaus<br>Beauty spas<br>Birth certificate agencies<br>Car title and tag service to individuals<br>Check room concessions or services<br>Clothing rental<br>Coin-operated service machine operation: scales, shoe shine, lockers<br>College clearinghouses<br>Comfort station operation<br>Costume rental<br>Dating service<br>Debt counseling or adjustment service to individuals<br>Dress suit rental<br>Dressmaking service on material owned by individual customers<br>Escort service<br>Genealogical investigation service<br>Health clubs or spas<br>Invalid supplies rental<br>Locker rental, except cold storage<br>Marriage bureaus | Massage parlors<br>Pillow rental service<br>Porter service<br>Portrait copying<br>Quilting for individuals<br>Reducing salons<br>Rental of items for personal use by individuals, except for recreation<br>Rest room operation<br>Scalp treatment service<br>Seamstresses<br>Shopping service<br>Slenderizing salons<br>Spas, health: except resort with lodging<br>Steam baths<br>Stitching, on a custom basis<br>Tattoo parlors<br>Tax return preparation service<br>Turkish baths<br>Valet parking<br>Wardrobe service, except theatrical<br>Wedding chapels, privately operated |

## Major Group 73.—BUSINESS SERVICES

### *The Major Group as a Whole*

This major group includes establishments primarily engaged in rendering services, not elsewhere classified, to business establishments on a fee or contract basis, such as advertising, mailing services; building maintenance services; employment service; management and consulting services; protective services; equipment rental and leasing (except finance leasing); commercial research, development and testing; photofinishing; and personnel supply services. Establishments which provide specialized services closely allied to agriculture, mining, transportation, etc., are classified in their respective divisions.

Group Industry  
No. No.

### 731 ADVERTISING

#### 7311 Advertising Agencies

Establishments primarily engaged in preparing advertising (writing copy, art work, graphics, and other creative work) and placing such advertising in periodicals, newspapers, radio and television, or other advertising media for clients on a commission or fee basis. Establishments which place advertising with media, but which perform no creative services (media buying service), are classified in Industry 7319; those which write advertising copy, but do not place the advertising with media, are classified in Industry 8999; those which provide services in commercial art and graphics, or other creative advertising services, but do not place the advertising with media, are classified in Industry 7333.

Advertising consultants (agencies)

#### 7312 Outdoor Advertising Services

Establishments primarily engaged in the preparation of poster displays and painted and electric spectacular displays on panels, bulletins, and frames, principally outdoors. Such establishments may construct, repair, and maintain display boards and may post advertisements. Special trade contractors primarily engaged in erecting display boards are classified in Major Group 17. Establishments primarily engaged in manufacturing electrical, mechanical or plate signs and advertising displays are classified in Industry 3993.

Billboard advertising  
Outdoor advertising service

Poster advertising service, outdoor

#### 7313 Radio, Television, and Publishers' Advertising Representatives

Establishments primarily engaged in soliciting advertising on a fee basis for newspapers, magazines, and other publications, or for radio and television stations. Separate offices of newspapers, magazines, and radio and television stations engaged in soliciting advertising are classified as auxiliaries.

Newspaper advertising representatives  
(not auxiliary to publishing)

Radio representatives, advertising  
Television and radio time, sale of

#### 7319 Advertising, Not Elsewhere Classified

Establishments primarily engaged in furnishing advertising services, not elsewhere classified, such as aerial advertising, circular and handbill distribution, distribution or delivery of advertising material or samples, transit advertising, etc. Establishments primarily engaged in direct mail advertising are classified in Industry 7331. Those which write advertising copy, but do not place the advertising with media, are classified in Industry 8999; and those which provide services in commercial art, graphics, or other creative advertising services, but do not place the advertising with media, in Industry 7333.

Group Industry  
No. No.

**731 ADVERTISING—Continued**

**7319 Advertising, Not Elsewhere Classified—Continued**

|  |  |
|--|--|
| Aerial advertising                               | Poster advertising services, except out-<br>door         |
| Bus card advertising                             | Samples, distribution of                                 |
| Car carding service                              | Shopping news, advertising and dis-<br>tributing service |
| Circular distributing service                    | Sky writing  |
| Coupon distribution                              | Transit advertising                                      |
| Display advertising service, except out-<br>door |  |
| Handbill distribution service                    |  |

**732 CONSUMER CREDIT REPORTING AGENCIES, MERCANTILE REPORTING AGENCIES, AND ADJUSTMENT AND COLLECTION AGENCIES**

**7321 Consumer Credit Reporting Agencies, Mercantile Reporting Agencies, and Adjust-  
ment and Collection Agencies**

Establishments primarily engaged in mercantile and consumer credit reporting or the collection or adjustment of claims. Establishments primarily engaged in providing credit card service with collection by a central agency are classified in Industry 6153; and those engaged in conducting personal investigations for insurance and other firms, in Industry 7399. Insurance adjustment agencies are classified in Industry 6411, and credit counseling or "adjustment" service to individuals in Industry 7299.

|   |                                     |
|---|-------------------------------------|
| Adjustment bureaus, except insurance<br>adjustment agencies | Consumer credit reporting bureaus   |
| Collection agencies (accounts), except<br>for real estate   | Credit bureaus and agencies         |
|   | Credit clearinghouses               |
|   | Mercantile credit reporting bureaus |

**733 MAILING, REPRODUCTION, COMMERCIAL ART AND PHOTOGRAPHY, AND STENOGRAPHIC SERVICES**

**7331 Direct Mail Advertising Services**

Establishments primarily engaged in furnishing services for direct mail advertising, such as creating, producing, and mailing of "direct mail advertising." This industry also includes establishments primarily engaged in compiling and selling mailing lists. Establishments primarily engaged in reproducing direct mail copy on order, but performing none of the other direct mail advertising services, are classified in Group 275 if they print the copy; in Industry 7332, if they duplicate the copy by blueprinting or photocopying; and in Industry 7339, if they duplicate the copy by other methods.

|                                 |                          |
|---------------------------------|--------------------------|
| Address list compilers          | Mail advertising service |
| Addressing service              | Mailing list compilers   |
| Addressographing service        | Mailing service          |
| Direct mail advertising service |                          |

**7332 Blueprinting and Photocopying Services**

Establishments primarily engaged in reproducing drawings, plans, maps, or other copy, by blueprinting or photocopying.

|                      |                      |
|----------------------|----------------------|
| Blueprinting service | Photocopying service |
|----------------------|----------------------|

**7333 Commercial Photography, Art, and Graphics**

Establishments primarily engaged in performing graphics, commercial art, or commercial photography services for advertising agencies, publishers, and other business and industrial users. Establishments primarily engaged in portrait photography are classified in Industry 7221; art, except commercial, is classified in Industry 8999.

|  |                                  |
|--|----------------------------------|
| Aerial photographic service, except<br>mapmaking               | Film strips and slides           |
| Chart and graph design   | Graphic arts and related design  |
| Commercial art and illustration                                | Photographic studios, commercial |
| Commercial photography   | Silk screen design               |
| Creative services to advertising indus-<br>try, except writers | Slide film producers             |
|  | Still and slide film producers   |

| Group<br>No.  | Industry<br>No.  |   |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
|---|--|---|-------------------------------------|---------------------------------------|---|-------------------------------------|--|---|--|---|---|--|--|--|---|--|
| 733   |  | <b>MAILING, REPRODUCTION, COMMERCIAL ART AND PHOTOGRAPHY, AND STENOGRAPHIC SERVICES—Continued</b>   |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
| 7339  |  | <b>Stenographic Services; and Reproduction Services, Not Elsewhere Classified</b>   |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
|   |  | Establishments primarily engaged in furnishing stenographic services; and reproduction services other than printing (Major Group 27), blueprinting and photocopying (Industry 7332), and reproduction in connection with direct mail advertising (Industry 7331).   |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
|   |  | <table border="0"> <tr> <td>Court reporting service</td> <td>Multigraphing service</td> </tr> <tr> <td>Duplicating services: except printing, blueprinting, and photocopying</td> <td>Multilithing service</td> </tr> <tr> <td>Letter writing service</td> <td>Public stenographers</td> </tr> <tr> <td>Mimeographing service</td> <td>Stenographic service</td> </tr> <tr> <td></td> <td>Typing service</td> </tr> </table>  | Court reporting service             | Multigraphing service                 | Duplicating services: except printing, blueprinting, and photocopying | Multilithing service                | Letter writing service                     | Public stenographers                            | Mimeographing service                                  | Stenographic service                          |   | Typing service   |  |  |   |  |
| Court reporting service   | Multigraphing service  |   |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
| Duplicating services: except printing, blueprinting, and photocopying | Multilithing service   |   |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
| Letter writing service  | Public stenographers   |   |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
| Mimeographing service   | Stenographic service   |   |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
|   | Typing service   |   |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
| 734   |  | <b>SERVICES TO DWELLINGS AND OTHER BUILDINGS</b>  |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
| 7341  |  | <b>Window Cleaning</b>  |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
|   |  | Establishments primarily engaged in cleaning windows in dwellings or other buildings.   |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
|   |  | Window cleaning service   |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
| 7342  |  | <b>Disinfecting and Exterminating Services</b>  |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
|   |  | Establishments primarily engaged in disinfecting dwellings and other buildings, and in exterminating insects, rodents, and other pests.   |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
|   |  | <table border="0"> <tr> <td>Bird proofing</td> <td>Pest control in structures</td> </tr> <tr> <td>Deodorant servicing of rest rooms</td> <td>Rest room cleaning service</td> </tr> <tr> <td>Disinfecting service</td> <td>Termite control</td> </tr> <tr> <td>Exterminating service</td> <td>Washroom sanitation service</td> </tr> <tr> <td>Fumigating service</td> <td></td> </tr> </table>   | Bird proofing                       | Pest control in structures            | Deodorant servicing of rest rooms                                     | Rest room cleaning service          | Disinfecting service                       | Termite control                                 | Exterminating service                                  | Washroom sanitation service                   | Fumigating service  |  |  |  |   |  |
| Bird proofing   | Pest control in structures                                       |   |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
| Deodorant servicing of rest rooms                                     | Rest room cleaning service                                       |   |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
| Disinfecting service  | Termite control  |   |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
| Exterminating service   | Washroom sanitation service                                      |   |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
| Fumigating service  |  |   |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
| 7349  |  | <b>Cleaning and Maintenance Services to Dwellings and Other Buildings, Not Elsewhere Classified</b>   |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
|   |  | Establishments primarily engaged in furnishing, to dwellings and other buildings, cleaning and maintenance services, not elsewhere classified, such as janitorial service, floor waxing, and office cleaning. General contractors and special trade contractors primarily engaged in building repair work are classified in Division C.   |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
|   |  | <table border="0"> <tr> <td>Building cleaning service, interior</td> <td>Maintenance, building: except repairs</td> </tr> <tr> <td>Chimney cleaning service</td> <td>Office cleaning or charring service</td> </tr> <tr> <td>Custodians of schools, on a contract basis</td> <td>Service station cleaning and degreasing service</td> </tr> <tr> <td>Floor waxing service</td> <td>Telephone booths, cleaning and maintenance of</td> </tr> <tr> <td>Hospital housekeeping (cleaning service), on a contract basis</td> <td>Venetian blind cleaning, including work done on owners' premises</td> </tr> <tr> <td>Janitorial services, on a contract basis</td> <td></td> </tr> <tr> <td>Lighting maintenance service (bulb and fuse replacement and cleaning)</td> <td></td> </tr> </table> | Building cleaning service, interior | Maintenance, building: except repairs | Chimney cleaning service  | Office cleaning or charring service | Custodians of schools, on a contract basis | Service station cleaning and degreasing service | Floor waxing service                                   | Telephone booths, cleaning and maintenance of | Hospital housekeeping (cleaning service), on a contract basis | Venetian blind cleaning, including work done on owners' premises | Janitorial services, on a contract basis |  | Lighting maintenance service (bulb and fuse replacement and cleaning) |  |
| Building cleaning service, interior                                   | Maintenance, building: except repairs                            |   |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
| Chimney cleaning service  | Office cleaning or charring service                              |   |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
| Custodians of schools, on a contract basis                            | Service station cleaning and degreasing service                  |   |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
| Floor waxing service  | Telephone booths, cleaning and maintenance of                    |   |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
| Hospital housekeeping (cleaning service), on a contract basis         | Venetian blind cleaning, including work done on owners' premises |   |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
| Janitorial services, on a contract basis                              |  |   |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
| Lighting maintenance service (bulb and fuse replacement and cleaning) |  |   |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
| 735   |  | <b>NEWS SYNDICATES</b>  |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
| 7351  |  | <b>News Syndicates</b>  |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
|   |  | Establishments primarily engaged in furnishing news, pictures, features, etc., and in supplying news reporting services to newspapers and periodicals. Both nonprofit (membership) and commercial (nonmembership) news syndicates are included. Separate establishments of newspaper and periodical publishers which are engaged in gathering news are classified as auxiliaries.   |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
|   |  | <table border="0"> <tr> <td>News correspondents, independent</td> <td>News syndicates</td> </tr> <tr> <td>News feature syndicates</td> <td>News ticker service</td> </tr> <tr> <td>News pictures, gathering and distributing</td> <td>Press services (news syndicate)</td> </tr> <tr> <td>News reporting services for newspapers and periodicals</td> <td></td> </tr> </table>  | News correspondents, independent    | News syndicates                       | News feature syndicates   | News ticker service                 | News pictures, gathering and distributing  | Press services (news syndicate)                 | News reporting services for newspapers and periodicals |   |   |  |  |  |   |  |
| News correspondents, independent                                      | News syndicates  |   |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
| News feature syndicates   | News ticker service  |   |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
| News pictures, gathering and distributing                             | Press services (news syndicate)                                  |   |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |
| News reporting services for newspapers and periodicals                |  |   |                                     |                                       |   |                                     |  |   |  |   |   |  |  |  |   |  |

Group Industry  
No. No.

**736 PERSONNEL SUPPLY SERVICES**

**7361 Employment Agencies**

Establishments primarily engaged in providing employment service, except theatrical employment agencies (Industry 7922) and motion picture casting bureaus (Industry 7819). Establishments classified here may assist either employers or those seeking employment. Establishments engaged in supplying the services of their own employees to work in the establishments of others are classified in Industry 7362 (temporary help) or Industry 7369 (continuing personnel supply).

Chauffeur registries  
Employment agencies, except theatrical  
and motion picture  
Executive placing services  
Labor contractors (employment agen-  
cies), except farm labor

Maid registries  
Model registries  
Nurses' registries  
Ship crew agencies  
Teachers' agencies

**7362 Temporary Help Supply Services**

Establishments primarily engaged in supplying temporary help, except agricultural (Industry 0761), on a contract basis to other businesses. The help supplied is under the direct or general supervision of the business to whom the help is furnished; however, the help is always on the payroll of the supplying establishment.

Fashion show service (supply of models  
only)  
Labor pools  
Manpower pools

Modeling service  
Temporary help service  
Usher service

**7369 Personnel Supply Services, Not Elsewhere Classified**

Establishments, not elsewhere classified, which provide the personnel to perform a range of services in operating specified facilities, or which provide a number of different continuing services on a contract or fee basis, within another business (or government) establishment or installation. Establishments primarily providing one specialized service, such as janitorial service (Industry 7349) or guard service (Industry 7393), are classified in the specialized industry. Establishments which provide management service only, except agricultural (Industry 0762), are classified in Industry 7392. Establishments which provide both management and staff to operate a business are classified according to the type of activity of the business.

Base maintenance (providing personnel  
on continuing basis)

Facilities management, except com-  
puters

**737**

**COMPUTER AND DATA PROCESSING SERVICES**

**7372 Computer Programming and Other Software Services**

Establishments primarily engaged in providing services in computer programming, systems design and analysis, and other computer "software".

Computer systems analysis and design  
Development of computer programs or  
systems (software)

Programming services, computer  
Systems engineering, computer related

**7374 Data Processing Services**

Establishments primarily engaged in providing data processing services to others. Service may consist of complete processing and preparation of reports from data supplied by the customer or may be a specialized service such as key punching or making data processing equipment available to others on an hourly or time-sharing basis. Also included are establishments primarily engaged in the management and operation of the computer and data processing facilities of others on a continuing basis.

Calculating service (computer)  
Computer management contracting  
Computer time sharing  
Data processing service  
Data punch service  
Facilities management, computer

Key punch service  
Leasing of computer time  
Rental of computer time  
Service bureaus, computer  
Tabulating service



Group  
No.      Industry  
          No.

737

**COMPUTER AND DATA PROCESSING SERVICES—Continued****7379 Computer Related Services, Not Elsewhere Classified**

Establishments primarily engaged in supplying computer and data processing services, not elsewhere classified, such as rental, leasing, repair and maintenance of computers and related equipment. Computer consultants operating on a fee basis are classified here. Leasing of computer and related equipment directly by the manufacturer is classified in Manufacturing; if leasing is done directly by sales offices of the manufacturer, the establishment is classified as Wholesale Trade. Establishments primarily engaged in finance (equity) leasing of computers and related equipment are classified in Industry 6159.

Computer and data processing equipment repair and maintenance  
Computer brokers (operating on fee basis)  
Computer consultants

Leasing of computers, except finance leasing or by the manufacturer  
Rental of computers, except finance leasing or by the manufacturer  
Tape recertification service

739

**MISCELLANEOUS BUSINESS SERVICES****7391 Research and Development Laboratories**

Establishments primarily engaged in laboratory or other physical research and development on a contract or fee basis. Nonprofit research agencies funded by investments, grants or contributions are classified in Industry 8922. Establishments engaged in economic, educational, operations, systems, or other nonphysical research on a contract or fee basis are classified in Industry 7372 or Industry 7392. Research and development laboratories of companies which manufacture the products developed from their research activities are classified as auxiliary to the manufacturing establishments served.

Agricultural research, commercial  
Chemical laboratories, except testing (not manufacturing auxiliaries)  
Development of computer and related technology (hardware)  
Engineering laboratories, except testing (not manufacturing auxiliaries)  
Food research (not manufacturing auxiliaries)

Industrial laboratories, except testing (not manufacturing auxiliaries)  
Physical (laboratory) research and development  
Research and development laboratories (not manufacturing auxiliaries)  
Research laboratories, commercial

**7392 Management, Consulting, and Public Relations Services**

Establishments primarily engaged in furnishing a wide variety of general or specialized management, consulting, or public relations services on a contract or fee basis. Management engineering is classified here; however, professional design and related consulting engineering is classified in Group 891. Management and operation of a business, where operating staff, as well as management, is provided—for example, hotel management and operation—is classified in the industry of the establishment managed. Establishments furnishing computer related services are classified in Group 737.

Business analysts  
Business consultants  
Business economists  
Business research service  
Business, management, and training consulting service  
Circuit management service for motion picture theaters  
City planners (except professional engineering)  
Consulting service, except computer related or professional engineering  
Corporation organizers  
Economic research  
Efficiency experts  
Financial management service to business

Industrial development planning service, commercial  
Industrial management service  
Lobbyists  
Management consulting service  
Management engineering  
Management service (operating staff not furnished)  
Market analysis or research  
Merchandising counsels  
Merger, acquisition and reorganization studies  
Motel management service, commercial—nonoperating  
Operations research, except computer systems design  
Opinion research

Group Industry  
No. No.

**739 MISCELLANEOUS BUSINESS SERVICES—Continued**

**7392 Management, Consulting, and Public Relations Services—Continued**

|  |  |
|--|--|
| Personnel management service   | Site locators  |
| Personnel training and consulting                                    | Surveys, for location of business establishments                 |
| Planning consultants   | Systems engineering, not primarily computer related              |
| Programmed instruction service                                       | Systems research and development, not primarily computer related |
| Promotion service (business service)                                 | Testing service, educational or personnel                        |
| Public relations service   | Traffic consultants  |
| Radio consultants  |  |
| Reorganization service (business)                                    |  |
| Research, except laboratory research (not manufacturing auxiliaries) |  |
| Sales advisory service   |  |
| Sales promotion (not involving sales of merchandise)                 |  |

**7393 Detective Agencies and Protective Services**

Establishments primarily engaged in providing personnel for detective, investigative, patrolling, night watching, or personal protection services. Establishments primarily engaged in maintenance and monitoring of mechanical protective devices, such as burglar and fire alarm systems, are classified here, but the installation of such devices is classified in Industry 1781.

|  |   |
|--|---|
| Armored car services                     | Fire alarm maintenance and monitoring                     |
| Burglar alarm maintenance and monitoring | Investigators, private                                    |
| Burglary protection service              | Lie detection service                                     |
| Detective agencies                       | Protective devices, mechanical: operation and maintenance |
| Dogs, rental of: for protective service  | Protective services                                       |
| Fingerprint service                      | Watching service, private                                 |

**7394 Equipment Rental and Leasing Services**

Establishments primarily engaged in renting or leasing (except finance leasing) machinery, tools and other equipment, including heavy construction and earth moving equipment. Establishments primarily engaged in finance leasing are classified in Industry 6159. Establishments renting and leasing automobiles and trucks without drivers are classified in Group 751; those renting automobiles with drivers in Industry 4119, trucks with drivers in Group 421; those renting personal items such as lockers (other than refrigerated), clothes, and pillows in Industry 7299; those renting amusement and recreation items such as bicycles, canoes, and beach chairs and accessories in Industry 7999; and those renting commercial boats in Industry 4469. Establishments producing machinery and equipment (including computers and other data processing equipment) which lease or sell their products are classified in Manufacturing. Manufacturers' sales branches or offices leasing or selling the machinery and equipment of their manufacturing plants are classified in Wholesale Trade. Establishments primarily leasing computer time, including time sharing services, are classified in Industry 7374; those renting or leasing computers or data processing equipment in Industry 7379.

|  |  |
|--|--|
| Airplane rental  | Oil field equipment rental   |
| Appliance rental   | Oil well drilling equipment rental: machinery, drilling bits, etc. |
| Coin-operated machine rental                                 | Party supplies rental  |
| Construction equipment rental                                | Piano rental   |
| Electronic equipment rental and service, except computers    | Rental of dishes, silverware, tables, and banquet accessories      |
| Equipment rental and leasing                                 | Toilet (portable) rental   |
| Furniture rental   | Tool rental  |
| Leasing of equipment, except automotive and computer related | Vending machines, rental only                                      |

**7395 Photofinishing Laboratories**

Establishments primarily engaged in developing films and in making photographic prints and enlargements for the trade or for the general public. Establishments primarily engaged in processing motion picture film for the motion picture and television industries are classified in Industry 7819.

|  |   |
|--|---|
| Developing and printing of film, except commercial motion picture film | Film processing, except for the motion picture industry |
| Developing and processing of home movies                               | Photograph developing and retouching                    |
|  | Photographic laboratories (not manufacturing)           |

Group  
No. 739

Industry  
No.

**MISCELLANEOUS BUSINESS SERVICES—Continued**

**7396 Trading Stamp Services**

Establishments primarily engaged in selling trading stamps to merchants, and in redeeming such stamps with merchandise. Separate redemption stores of trading stamp companies are classified as auxiliaries.

Redemption of trading stamps

Trading stamp promotion and sale to stores

**7397 Commercial Testing Laboratories**

Establishments primarily engaged in product testing on a fee or contract basis. Testing laboratories associated with manufacturing plants are classified as auxiliary to the manufacturing plants served.

Assaying service  
Automobile proving and testing ground, commercial  
Calibration and certification (testing)  
Dosimetry, radiation—commercial  
Film badge service (radiation detection)  
Food testing service

Laboratories, testing of products (not manufacturing auxiliaries)  
Radiation dosimetry laboratories—commercial  
Radiographing welded joints on pipes and fittings  
Seed testing laboratories  
X-ray inspection service, industrial

**7399 Business Services, Not Elsewhere Classified**

Establishments primarily engaged in furnishing business services, not elsewhere classified, such as bondsmen, bottle exchanges, drafting service, interior designing, lecture bureaus, notary publics, packaging and labeling service, sign painting, speakers' bureaus, telephone message service, water softening service, and auctioneering service on a commission or fee basis. Auctions of used cars and agricultural commodities, such as livestock, produce, etc., are classified in Wholesale Trade.

Agents and brokers, for artists and authors  
Apparel pressing service, for the trade: except permanent pressing  
Appraisers, except real estate appraisers  
Arbitration and conciliation service  
Artists' agents and brokers  
Auctioneering service, on a commission or fee basis  
Authors' agents and brokers  
Automobile recovery service  
Automobile shows, flower shows, home shows, etc.  
Ball bonding (not by bonding companies)  
Batik work (hand painting on textiles)  
Bondsmen  
Bottle exchanges  
Bronzing baby shoes  
Business brokers (buying and selling business enterprises)  
Charge account service (shopping plates)—collection by individual firms  
Cloth cutting, bolting, or winding: for textile distributors  
Contractors' disbursement control  
Convention decorators  
Copyright protection service  
Correct time service  
Corset representatives, fitting only  
Cosmetic kits—lip and eye makeup (assembling and packaging)  
Cotton inspection service, not connected with transportation  
Cotton sampler service  
Coupon redemption service, except trading stamps  
Credit card service (collection by individual firms)  
Decoration service for special events  
Demonstration service, separate from sale

Directories, telephone: distribution on a contract basis  
Divers, commercial  
Drafting service, except temporary help  
Drawback service, customs  
Drive-a-way automobile service  
Embroidering of advertising on shirts, etc.  
Engrossing of diplomas, resolutions, etc.  
Exhibits (building of), industrial contractors  
Field warehousing (not public warehousing)  
Filling pressure containers (aerosol) with hair spray, insecticides, etc.  
Fire extinguishers, service of  
Fire protection service, other than forestry or public  
Floats, decoration of  
Florist telegraph service  
Folding and refolding service: textiles, shirts, etc.  
Fund raising organizations, on a fee basis  
Gas systems, contract conversion from manufactured to natural gas  
Handwriting analysis  
Hosiery pairing, on a contract or fee basis  
Hotel reservation service  
Human skeleton preparation, on material owned by others  
Inspection of commodities, not connected with transportation  
Interior decorators consulting service—not painters or paperhangers  
Interior designing except painters and paperhangers  
Inventory computing service  
Labeling bottles, cans, cartons, etc., for the trade (not printing)  
Laminating of photographs (coating photographs with plastics)

Group Industry  
No. No.

739

**MISCELLANEOUS BUSINESS SERVICES—Continued****7399 Business Services, Not Elsewhere Classified—Continued**

|  |   |
|--|---|
| Lecture bureaus  | Rug binding for the trade   |
| Lettering service  | Salvaging of damaged merchandise, service only                            |
| Liquidators of merchandise on a contract basis               | Sampling of commodities, not connected with transportation                |
| Mannequin service  | Scrap steel cutting, on a contract basis                                  |
| Map drafting service   | Shoe designers  |
| Mapmaking, including aerial                                  | Show card painting  |
| Marine reporting   | Shrinking textiles for tailors and dress-makers                           |
| Messenger service, except telegraph and radio                | Sign painting and lettering shops   |
| Metal slitting and shearing on a contract basis              | Solvents recovery service, on a contract basis                            |
| Microfilm recording and developing service                   | Speakers' bureaus   |
| Mounting merchandise on cards, on a contract basis           | Sponging textiles for tailors and dress-makers                            |
| Music copying service  | Styling of fashions, apparel, furniture, textiles, etc.                   |
| Music distribution systems, except coin-operated             | Styling wigs for the trade  |
| Notary publics   | Swimming pool cleaning and maintenance                                    |
| Packaging and labeling service (not packing and crating)     | Switchboard operation of private branch exchanges                         |
| Packaging service, all types                                 | Tape slitting for the trade (cutting plastic, leather, etc., into widths) |
| Parcel packing service (packaging)                           | Tax collection agencies: collecting for a city, county, or State          |
| Patent brokers   | Tax title dealers: agencies for city, county, or State                    |
| Patrol of electric transmission or gas lines                 | Telegraph service, florist  |
| Personal investigation service, except credit                | Telephone message service   |
| Photogrammetric mapping service (not professional engineers) | Telephone solicitation service  |
| Photographic library service                                 | Textile designers   |
| Photography brokers  | Textile folding and packing services                                      |
| Playwrights' brokers   | Textiles, sponging or shrinking: for tailors and dressmakers              |
| Post office contract stations                                | Tobacco sheeting service on a contract or fee basis                       |
| Press clipping service                                       | Tool designers  |
| Process serving service                                      | Translation services  |
| Produce weighing service, not connected with transportation  | Water softener service  |
| Promoters of home shows, flower shows, etc.                  | Weighing foods and other commodities, not connected with transportation   |
| Racetrack cleaning, except buildings                         | Welcome wagon service   |
| Radio broadcasting music checkers                            | Window trimming service   |
| Radio transcription service                                  | Yacht brokers   |
| Recording studios, not making commercial records             |   |
| Repossession service   |   |

**Major Group 75.—AUTOMOTIVE REPAIR, SERVICES, AND GARAGES***The Major Group as a Whole*

This major group includes establishments primarily engaged in furnishing automotive repair, rental, leasing and parking services to the general public. Similar facilities owned and operated by concerns for their own use and not for the general public are treated as auxiliary establishments and are not included in this group. Establishments primarily engaged in finance leasing of passenger cars and trucks are classified in Industry 6159. Automotive repair shops operated by establishments engaged in the sale of automobiles are classified in Group 551; and those operated by gasoline service stations in Industry 5541. Repair shops of railroad companies are classified in Major Group 40; ship and boat repair establishments are classified in Group 373.

Group Industry  
No. No.

**751 AUTOMOTIVE RENTAL AND LEASING, WITHOUT DRIVERS****7512 Passenger Car Rental and Leasing, Without Drivers**

Establishments primarily engaged in short-term rental or extended-term leasing (with or without maintenance) of passenger cars without drivers. Finance (equity or full-payout) leasing of passenger cars is classified in Industry 6159. The rental of automobiles with drivers is classified in Industry 4119.

Automobile rental, without drivers  
Car or auto leasing, without drivers,  
except finance (equity) leasing  
Hearses and limousines, rental without  
drivers  
Leasing passenger cars, without driv-  
ers: except finance leasing

Passenger car leasing, except finance  
leasing: without drivers  
Passenger car rental, without drivers  
Rent-a-car service

**7513 Truck Rental and Leasing, Without Drivers**

Establishments primarily engaged in short-term rental or extended-term leasing (with or without maintenance) of trucks, truck tractors, or semitrailers without drivers. Finance (equity or full-payout) leasing is classified in Industry 6159. Truck rental with drivers is classified in Group 421. Rental or leasing of heavy construction and earth-moving equipment is classified in Industry 7394.

Truck rental, without drivers

Truck leasing, except finance leasing:  
without drivers

**7519 Utility Trailer and Recreational Vehicle Rental**

Establishments primarily engaged in daily or extended-term rental of utility trailer and recreational vehicles. Establishments primarily engaged in rental of motorcycles bicycles, golf carts, gocarts, or recreational boats are classified in Industry 7999; and those engaged in rental of airplanes in Industry 7394.

Mobile home rental (except on site)  
Motor home rental  
Pop-up campers, rental

Trailer rental  
Utility trailer rental

**752 AUTOMOBILE PARKING****7523 Parking Lots**

Establishments primarily engaged in the temporary parking of automobiles on open air lots, usually on an hourly or daily fee basis. Establishments primarily engaged in extended or dead storage of automobiles are classified in Industry 4226.

Parking lots

Tow-in parking lots

**7525 Parking Structures**

Establishments primarily engaged in operating structures for the temporary parking of automobiles. Establishments primarily engaged in extended or dead storage of automobiles are classified in Industry 4226. Establishments which are a combination of structure and lot parking are included in this industry.

Garages, automobile parking

Parking structures

Group Industry  
No. No.

**753 AUTOMOTIVE REPAIR SHOPS**

**7531 Top and Body Repair Shops**

Establishments primarily engaged in the repair of automotive tops, bodies, and interiors.

Automotive body shops  
Automotive interior shops  
Automotive top and body repair  
Automotive tops (canvas or plastic)  
installation or repair

Automotive trim shops  
Bump shops (automotive repair)  
Upholstery repair, automotive

**7534 Tire Retreading and Repair Shops**

Establishments primarily engaged in repairing and retreading automotive tires. Establishments classified here may either retread customers' tires or retread tires for sale or "exchange" to the user or the trade.

Rebuilding and retreading tires for the  
trade  
Retreading tires  
Tire recapping

Tire repair shops  
Vulcanizing tires and tubes (repair  
service)

**7535 Paint Shops**

Establishments primarily engaged in automotive painting and refinishing. Paint shops of top and body repair establishments are classified in Industry 7531.

Automotive paint shops

**7538 General Automotive Repair Shops**

Establishments primarily engaged in general automotive repair.

Automotive repair shops, general  
Diesel engine repair, automotive  
Engine repair, automotive

Garages, general automotive repair  
and service  
Motor repair, automotive

**7539 Automotive Repair Shops, Not Elsewhere Classified**

Establishments primarily engaged in specialized automotive repair, not elsewhere classified, such as fuel service (carburetor repair), brake relining, front-end and wheel alignment, exhaust system (muffler) repair, radiator repair, and glass replacement and repair. Establishments primarily engaged in automotive welding are classified in Industry 7692. Establishments primarily engaged in automotive upholstery repair are classified in Industry 7531.

Automotive springs, rebuilding and  
repair  
Axle straightening, automotive  
Brake linings, sale and installation  
Brake repairing, automotive  
Carburetor repair  
Electrical service, automotive (battery  
and ignition repair)  
Exhaust system service (muffler shops)  
Frame repair shops, automotive  
Front end repair, automotive

Fuel system repair, motor vehicle  
Generator and starter repair, automo-  
tive  
Glass replacement and repair, auto-  
motive  
Mufflers, automotive: sale and instal-  
lation  
Radiator repair shops, automotive  
Transmission repair, automotive  
Wheel alignment, automotive

**754 AUTOMOTIVE SERVICES, EXCEPT REPAIR**

**7542 Car Washes**

Establishments primarily engaged in washing cars or in furnishing facilities for the self-service washing of cars.

Car washes, self-service or automatic  
Cleaning and polishing (detailing) new  
autos, contract service for dealers

Detailing new autos (cleaning and pol-  
ishing), contract service for dealers  
Laundries, automotive  
Washing and polishing, automotive

Group Industry  
No. No.  
754

**AUTOMOTIVE SERVICES, EXCEPT REPAIR—Continued**

**7549 Automotive Services, Except Repair and Car Washes**

Establishments primarily engaged in furnishing automotive services, except repair and car washes. Establishments primarily providing automobile driving instructions are classified in Industry 8290.

Diagnostic centers, automotive  
Inspection service, automotive

Towing service, automotive  
Undercoating cars

**Major Group 76.—MISCELLANEOUS REPAIR SERVICES***The Major Group as a Whole*

This major group includes establishments engaged in miscellaneous repair services. It does not include some repair services of which the more important are: automotive repair classified in Group 753, clothing repair in Industry 7219, and shoe repair in Industry 7251.

Group Industry  
No. No.

**762 ELECTRICAL REPAIR SHOPS****7622 Radio and Television Repair Shops**

Establishments primarily engaged in repairing radios, television sets, phonographs, high fidelity (hi-fi) or stereophonic equipment, and tape recorders. Also included are establishments engaged in installing and repairing television sets, amateur and citizens' band antennas; or in installing and servicing radio transmitting and receiving equipment in homes, offices, small boats, automobiles, or other vehicles. This industry does not include establishments primarily engaged in the installation, repair or maintenance of radio and television broadcasting equipment (as distinguished from low-powered business, amateur and personal radio communication equipment); industrial or commercial electronic devices such as diathermy, X-ray, heat-treating and welding equipment; electronic computers and similar devices (Industry 7379); or in the construction of broadcasting antennas and towers (Industry 1629).

Aircraft radio equipment repair  
Intercommunication equipment repair  
Phonograph (including stereo, hi-fi,  
tape recorder) repair

Public address system repair  
Radio repair shops  
Stereophonic equipment repair  
Television repair shops

**7623 Refrigeration and Air Conditioning Service and Repair Shops**

Establishments primarily engaged in servicing and repairing household and commercial electrical refrigerators, and air conditioning and refrigeration equipment. Establishments primarily engaged in servicing and repairing gas refrigeration equipment are classified in Industry 7690.

Air conditioner repair, self-contained  
units  
Air conditioning repair, except gas

Refrigeration repair service, electric  
Refrigerator (electric) repair service

**7629 Electrical and Electronic Repair Shops, Not Elsewhere Classified**

Establishments primarily engaged in the repair of electrical and electronic equipment, not elsewhere classified, such as electrical household appliances and electrical and electronic industrial equipment. Establishments primarily engaged in the repair of electronic computers and related equipment are classified in Industry 7379.

Aircraft electrical equipment repair,  
except radio  
Appliance repair, electrical  
Business machine repair (electric)  
Electric razor repair  
Electric tool repair  
Electrical measuring instrument repair  
and calibration

Electrical repair shops, except radio  
television and refrigerator repair  
Electronic equipment repair, except  
computer and related equipment  
Office machine repair (electric), except  
typewriters  
Washing machine repair

**763 WATCH, CLOCK, AND JEWELRY REPAIR****7631 Watch, Clock, and Jewelry Repair**

Establishments primarily engaged in the repair of watches, clocks, or jewelry. Assembling of watches from purchased parts is classified in Industry 3873.

Clock repair shops  
Jewelry repair shops

Pearl restringing, for the trade  
Watch repair shops



Group Industry  
No. No.

**764 REUPHOLSTERY AND FURNITURE REPAIR**

**7641 Reupholstery and Furniture Repair**

Establishments primarily engaged in furniture reupholstery and repair. Retail establishments primarily engaged in selling upholstery materials are classified in Industry 5714; establishments making furniture and cabinets on a custom basis in Industry 5712.

Antique furniture repair and restoration  
Furniture refinishing

Furniture repairing, cleaning, redecorating and remodeling shops  
Repair of furniture upholstery  
Reupholstery shops

**769**

**MISCELLANEOUS REPAIR SHOPS AND RELATED SERVICES**

**7692 Welding Repair**

Establishments primarily engaged in general repair work by welding, including automotive welding.

Brazing (welding)  
Repair of cracked castings (welding service)

Welding shops, including automotive

**7694 Armature Rewinding Shops**

Establishments primarily engaged in rewinding armatures and rebuilding or repairing electric motors. Establishments classified here may either repair customers' equipment, or repair or rebuild for sale or "exchange" to users or the trade.

Armature rewinding  
Coil winding service  
Electric motor repair

Hermetics repair  
Rebuilding motors, other than automotive  
Rewinding stators

**7699 Repair Shops and Related Services, Not Elsewhere Classified**

Establishments primarily engaged in specialized repair services, not elsewhere classified, such as bicycle repair; leather goods repair; lock and gun repair, including the making of lock parts or gun parts to individual order; musical instrument repair; business machine repair (except electrical); septic tank cleaning; farm machinery repair; furnace cleaning; knife sharpening and repair; motorcycle repair; scale repair; tank truck cleaning; taxidermists; tractor repair; and typewriter repair. Establishments primarily engaged in making leather goods to individual order are classified in Industry 5948; those primarily engaged in repairing ships and boats are classified in Group 373.

Aircraft flight instrument repair, except electrical  
Antique repair and restoration, except furniture  
Awning repair shops  
Beer pump coil cleaning and repair service  
Bicycle repair shops  
Binoculars and other optical goods repair  
Blacksmith shops  
Boiler repair shops (not manufacturing)  
Bowling pins, refinishing or repair  
Calliper, gauge, and other machinists' precision instrument repair  
Camera repair shops  
Catch basin cleaning  
Cesspool cleaning  
China firing and decorating to individual order  
Cleaning and reglazing of baking pans  
Cleaning bricks  
Coppersmithing, repair work (other than construction)  
Covering textile rolls  
Dental instrument repair  
Drafting instrument repair  
Engine repair, except automotive  
Farm machinery repair

Fire control (military) equipment repair  
Fountain pen repair shops  
Furnace and chimney cleaning  
Furnace cleaning service  
Gas appliance repair service  
Glazing and cleaning baking pans  
Gun parts, made to individual order  
Gunsmith shops  
Harness repair shops  
Horseshoeing  
Instrument repair, except electrical or clock  
Instrument repair, mechanical  
Key duplicating shops  
Laboratory instrument (except electric) repair  
Lawn mower repair shops  
Leather goods repair shops  
Lock parts, made to individual order  
Locksmith shops  
Luggage repair shops  
Mattress renovating and repair shops  
Mechanical measuring and controlling instrument repair  
Meteorological instrument repair  
Microscope repair  
Mirror repair shops  
Motorcycle repair service  
Musical instrument repair shops

Group Industry  
No. No.

769

**MISCELLANEOUS REPAIR SHOPS AND RELATED SERVICES—Continued****7699 Repair Shops and Related Services, Not Elsewhere Classified—Continued**

|  |  |
|--|--|
| Nautical and navigational instrument (except electric) repair          | Septic tank cleaning service                           |
| Office equipment repair, nonelectric and typewriters: except computers | Sewer cleaning and rodding                             |
| Oil burner repair service  | Sewing machine repair shops                            |
| Organ tuning and repair  | Sharpening and repairing knives, saws, and tools       |
| Piano tuning and repair  | Ship boiler and tank cleaning and repair—contractors   |
| Picture framing to individual order, not connected with retail stores  | Ship scaling—contractors                               |
| Pocketbook repair shops  | Stove repair shops                                     |
| Precision instrument repair  | Surgical instrument repair                             |
| Rebabbiting  | Surveying instrument repair                            |
| Reneedling work  | Tank and boiler cleaning service                       |
| Repair of optical instruments  | Tank truck cleaning service                            |
| Repair of photographic equipment                                       | Taxidermists   |
| Repair of service station equipment                                    | Tent repair shops                                      |
| Repair of speedometers   | Thermostat repair                                      |
| Replating shops (chromium, gold, silver, etc.) on a custom basis       | Tinsmithing, repair work only: other than construction |
| Rug repair shops, not combined with cleaning                           | Tractor repair   |
| Saddlery repair shops  | Tuning of pianos and organs                            |
| Scale repair service   | Typewriter repair, including electric                  |
| Scientific instrument (except electric) repair                         | Umbrella repair shops                                  |
|  | Venetian blind repair shops                            |
|  | Window shade repair shops                              |

**Major Group 78.—MOTION PICTURES***The Major Group as a Whole*

This major group includes establishments producing and distributing motion pictures, exhibiting motion pictures in commercially operated theaters, and furnishing services to the motion picture industry. The term "motion pictures" includes similar productions for television or other media using film, tape or other means.

Group Industry  
No. No.

**781 MOTION PICTURE PRODUCTION AND ALLIED SERVICES****7813 Motion Picture Production, Except for Television**

Establishments primarily engaged in the production of theatrical and nontheatrical motion pictures for exhibition, other than for television. Establishments engaged in both production and distribution are included here; those engaged in production of educational, industrial and religious films are also included.

|  |   |
|--|---|
| Audiovisual program production, except for TV        | Motion picture production and distribution, except for TV |
| Cartoon motion picture production, except for TV     | Nontheatrical motion picture production, except for TV    |
| Educational motion picture production, except for TV | Religious motion picture production, except for TV        |
| Industrial motion picture production, except for TV  | Training motion picture production, except for TV         |

**7814 Motion Picture and Tape Production for Television**

Establishments primarily engaged in the production of theatrical and nontheatrical motion pictures and tape, including commercials, for television exhibition. Establishments engaged in both production and distribution are included here. Producers of live television shows (except tape shows) are classified in Industry 7929.

|  |  |
|--|--|
| Cartoon production, television                                 | Nontheatrical motion picture film and tape production for television |
| Commercials, television: tape or film                          | Television film production   |
| Educational motion picture production, television              | Video tape production (but not reproducing)                          |
| Motion picture production, television (including distribution) |  |

**7819 Services Allied to Motion Picture Production**

Establishments primarily engaged in performing services independent of motion picture production but allied thereto, such as motion picture film processing, editing and titling; casting bureaus; wardrobe and studio property rental; television tape services (editing, transfers, etc.); and stock footage film libraries.

|   |   |
|---|---|
| Casting bureaus, motion picture                           | Rental of motion picture equipment                        |
| Developing and printing of commercial motion picture film | Studio property rental for motion picture film production |
| Directors, motion picture: independent                    | Titling of motion picture film                            |
| Editing of motion picture film                            | TV tape services: editing, transfers, etc.                |
| Film libraries, stock footage                             | Wardrobe rental for motion picture film production        |
| Film processing, motion picture                           |   |
| Laboratories, motion picture (service)                    |   |
| Motion picture consultants                                |   |

**782 MOTION PICTURE DISTRIBUTION AND ALLIED SERVICES****7823 Motion Picture Film Exchanges**

Establishments primarily engaged in renting theatrical and nontheatrical film to exhibitors, other than in the field of television. Establishments engaged in both distribution and production are included in Industry 7813.

|   |   |
|---|---|
| Film exchanges, motion picture                                      | Rental of motion picture film, except film for TV |
| Motion picture distribution, exclusive of production, except for TV |   |

Group Industry  
No. No.

**782 MOTION PICTURE DISTRIBUTION AND ALLIED SERVICES—Continued**

**7824 Film or Tape Distribution for Television**

Establishments primarily engaged in renting theatrical and nontheatrical film or tape to exhibitors in the field of television. Establishments engaged in both distribution and production are included in Industry 7814.

Film exchanges, motion picture: for  
television  
Motion picture distribution, exclusive  
of production, for TV

Rental of motion picture film for TV  
Tape distribution for TV

**7829 Services Allied to Motion Picture Distribution**

Establishments primarily engaged in performing auxiliary services to motion picture distribution, such as film delivery service, film purchasing and booking agencies, and film libraries.

Booking agencies, motion picture  
Film delivery, motion picture  
Film libraries, motion picture

Film purchasing agencies, motion pic-  
ture  
Theatrical booking agencies: motion  
picture

**783 MOTION PICTURE THEATERS**

**7832 Motion Picture Theaters, Except Drive-in**

Commercially operated conventional or "four-wall" theaters primarily engaged in the indoor exhibition of motion pictures. Establishments primarily engaged in the commercial exhibition of motion pictures on an itinerant basis with portable projection and sound equipment are included in this industry.

Motion picture exhibitors for airlines  
Motion picture exhibitors, itinerant

Theaters, motion picture, except drive-  
in

**7833 Drive-in Motion Picture Theaters**

Commercially operated theaters, commonly known as "drive-in", primarily engaged in the outdoor exhibition of motion pictures.

Motion picture theaters, drive-in

Theaters, motion picture, drive-in

## Major Group 79.—AMUSEMENT AND RECREATION SERVICES, EXCEPT MOTION PICTURES

### *The Major Group as a Whole*

This major group includes establishments engaged in providing amusement or entertainment on payment of a fee or admission charge, except motion picture theaters (Group 783.)

Group No. Industry No.

#### 791 DANCE HALLS, STUDIOS, AND SCHOOLS

##### 7911 Dance Halls, Studios, and Schools

Establishments primarily engaged in operating public dance halls or ballrooms, and dance studios and schools. The renting of dance halls or ballrooms to operators is classified as a real estate operation in Major Group 65.

|                            |                              |
|----------------------------|------------------------------|
| Ballroom operation         | Dance instructors            |
| Children's dancing schools | Dance studios and schools    |
| Dance hall operation       | Professional dancing schools |

#### 792 THEATRICAL PRODUCERS (EXCEPT MOTION PICTURES), BANDS, ORCHESTRAS, AND ENTERTAINERS

##### 7922 Theatrical Producers (Except Motion Picture) and Miscellaneous Theatrical Services

Establishments primarily engaged in providing "live" theatrical presentations, such as road companies, stock companies, summer theater, and burlesque houses. This industry also includes services allied with theatrical presentations, such as casting agencies; booking agencies for plays, artists, and concerts; scenery, lighting, and other equipment service; and theatrical ticket agencies. Theaters which are normally rented to theatrical producers, stock companies, etc., are classified as real estate operations (Industry 6512). Motion picture theaters and motion picture service industries are classified in Major Group 78.

|  |  |
|--|--|
| Ballet production                                      | Repertory or stock companies, theatrical             |
| Booking agencies, theatrical: except motion picture    | Scenery design, theatrical                           |
| Burlesque companies                                    | Stock companies, theatrical                          |
| Concert management service                             | Television program, including commercials, producers |
| Costume design, theatrical                             | Theatrical companies, amateur                        |
| Employment agencies: theatrical, radio, and television | Theatrical equipment rental                          |
| Legitimate theater producers                           | Theatrical lighting, on a contract basis             |
| Opera companies  | Theatrical production, except motion picture         |
| Plays (road companies and stock companies)             | Theatrical ticket agencies                           |
| Radio and television program producers                 | Ticket agencies, theatrical                          |
| Rental of theatrical scenery                           | Vaudeville companies                                 |

##### 7929 Bands, Orchestras, Actors, and Other Entertainers and Entertainment Groups

Establishments primarily engaged in providing entertainment services other than "live" theatrical presentations. These establishments include bands, orchestras, entertainers and producers of "live" entertainment for radio or television.

|                                   |   |
|-----------------------------------|---|
| Actors                            | Entertainment service: entertainers for restaurants, clubs, radio, and TV |
| Classical music groups or artists | Jazz music groups or artists  |
| Concert artists                   | Popular music groups or artists   |
| Concert organizations             | Symphony orchestras   |
| Dance bands                       | Magicians   |
| Entertainers                      | Orchestras  |
| Entertainment groups              |   |

#### 793 BOWLING ALLEYS AND BILLIARD AND POOL ESTABLISHMENTS

##### 7932 Billiard and Pool Establishments

Establishments known to the public as billiard and pool parlors. Such establishments also frequently sell meals and refreshments.

|                  |              |
|------------------|--------------|
| Billiard parlors | Pool parlors |
|------------------|--------------|

Group Industry  
No. No.

**793 BOWLING ALLEYS AND BILLIARD AND POOL ESTABLISHMENTS—Continued**

**7933 Bowling Alleys**

Establishments known to the public as bowling alleys or lanes. Such establishments also frequently sell meals and refreshments.

Bowling alleys  
Duck pin alleys

Ten pin alleys

**794 COMMERCIAL SPORTS**

**7941 Professional Sports Clubs and Promoters**

Operators and promoters of professional and semiprofessional athletic clubs, promoters of athletic events, and managers of individual professional athletes. Stadiums and athletic fields are included only if the operator is actually engaged in the promotion of athletic events. They are otherwise classified as a real estate operation, Major Group 65.

Arenas, boxing and wrestling (sports promotion), professional  
Athletic field operation (sports promotion)  
Baseball clubs  
Basketball clubs  
Football clubs  
Ice hockey clubs  
Managers of individual professional athletes

Professional or semiprofessional sports clubs  
Promoters, sports events  
Soccer clubs  
Sports field operation (sports promotion)  
Sports promotion, professional: baseball, football, boxing, etc.  
Stadiums (sports promotion)

**7948 Racing, Including Track Operation**

Promoters and participants in racing activities, including race track operators, operators of racing stables, jockeys, race horse trainers, and race car owners and operators.

Dragstrip operation  
Horses, breeding and racing  
Jockeys, horse racing  
Kennels, dog racing  
Motorcycle racing  
Race car drivers and owners

Race horse owners  
Race track operation: horse, dog, auto, etc.  
Racing stables, operation of  
Speedway operation  
Stock car racing

**799 MISCELLANEOUS AMUSEMENT AND RECREATION SERVICES**

**7992 Public Golf Courses**

Establishments primarily engaged in the operation of golf courses open to the general public on a fee basis. Membership golf and country clubs are classified in Industry 7997. Miniature golf courses and golf driving ranges are classified in Industry 7999.

Golf clubs, nonmembership

Golf courses, public: operation of

**7993 Coin-operated Amusement Devices**

Establishments primarily engaged in operating coin-operated amusement devices, either in their own or in other places of business. Such amusement devices include juke boxes, pinball machines, mechanical games, slot machines, and similar types of amusement equipment. Amusement arcades and parlors are also included in this industry.

Amusement device (coin-operated)  
parlors  
Amusement machines, coin-operated:  
operation of  
Arcades, amusement

Gambling establishments, primarily operating coin-operated machines  
Gambling machines, coin-operated: operation of  
Music distribution systems, coin-operated

Group Industry  
No. No.  
799

## MISCELLANEOUS AMUSEMENT AND RECREATION SERVICES—Continued

### 7996 Amusement Parks

Establishments known as amusement parks, kiddie parks, etc., which group together and operate in whole or in part a number of attractions such as mechanical rides, amusement devices, refreshment stands and picnic grounds. Amusement concessionaires operating within the park are classified in Industry 7999.

Amusement centers, and parks (not  
fairs, circuses or carnivals)  
Amusement parks

Kiddie parks  
Piers, amusement  
Theme parks (amusement)

### 7997 Membership Sports and Recreation Clubs

Sports and recreation clubs which are restricted to use by members and their guests. Country, golf, tennis and yacht clubs are included in this industry. Health and physical culture clubs are included in Industry 7290.

Athletic clubs and gymnasiums, mem-  
bership  
Aviation clubs, membership  
Baseball clubs—little leagues  
Bathing beaches, membership  
Beach clubs, membership  
Boating clubs, membership  
Bridge clubs, membership  
Clubs, membership: sports and recrea-  
tion  
Country clubs, membership  
Flying fields, maintained by aviation  
clubs

Golf clubs, membership  
Gun clubs, membership  
Hunt clubs, membership  
Recreation and sports clubs, member-  
ship  
Riding clubs, membership  
Shooting clubs, membership  
Sports and recreation clubs, member-  
ship  
Swimming clubs, membership  
Tennis clubs, membership  
Yacht clubs, membership

### 7999 Amusement and Recreation Services, Not Elsewhere Classified

Establishments primarily engaged in the operation of sports, amusement, and recreation services, not elsewhere classified, such as bathing beaches, swimming pools, riding academies and schools, carnival operation, exposition operation, game parlors, horse shows, picnic grounds operation, rental of rowboats and canoes, and shooting galleries. Establishments operating amusement parks are classified in Industry 7996; those operating coin-operated amusement devices in Industry 7993; and those operating membership sports and recreation clubs in Industry 7997.

Aerial tramways, amusement or scenic  
Amusement concessions  
Amusement rides  
Animal and reptile exhibits, commercial  
Animal shows, in circuses, fairs, and  
carnivals  
Aquariums, commercial  
Art galleries, commercial  
Astrologers  
Baseball instruction schools  
Basketball instruction schools  
Bath houses, independently operated  
Bathing beaches, nonmembership  
Boat rental, pleasure  
Boats, party fishing: operation of  
Bookies  
Bookmakers, race  
Botanical gardens, commercial  
Bowling instruction  
Bridge clubs, nonmembership  
Bridge instruction  
Cable lifts, amusement or scenic, op-  
erated separately from lodges  
Canoe rental  
Carnival operation  
Cave operation  
Circus companies  
Concession operators, amusement de-  
vices and rides  
Day camps  
Exhibition operation  
Exposition operation  
Fairs, agricultural: operation of  
Fireworks display service  
Fishing lakes, operation of  
Fortune tellers

Gambling establishments, not primarily  
operating coin-operated machines  
Gambling machines, except coin-op-  
erated: operation of  
Game parlors (not coin-operated)  
Games, teaching of  
Gocart raceway operation  
Gocart rentals  
Golf courses, miniature: operation of  
Golf driving ranges  
Golf, pitch-n-putt  
Golf professionals, not operating retail  
stores  
Gymnasiums, operation of: nonmem-  
bership  
Horse shows  
Houseboat rentals  
Hunting guides  
Judo instruction  
Karate instruction  
Motorcycle rental  
Museums, commercial  
Natural wonders, tourist attraction:  
commercial  
Observation tower operation  
Off-track betting  
Pack trains, for amusement  
Parachute training (for pleasure)  
Phrenologists  
Physical culture schools (gymnasiums)  
Picnic grounds operation  
Ping pong parlors  
Planetaria, commercial  
Rental of beach chairs and accessories  
Rental of bicycles  
Rental of golf carts

Group Industry  
No. No.

799

**MISCELLANEOUS AMUSEMENT AND RECREATION SERVICES—Continued****7999 Amusement and Recreation Services, Not Elsewhere Classified—Continued**

|   |  |
|---|--|
| Rental of rowboats and canoes                                       | Sports professionals   |
| Rental of saddle horses   | Swimming instruction   |
| Reptile or animal exhibits, commercial                              | Swimming pools   |
| Riding academies and schools  | Tennis clubs, nonmembership                                    |
| Riding stables  | Tennis courts, outdoor and indoor : operation of—nonmembership |
| Scenic railroads for amusement                                      | Tennis professionals   |
| Shooting galleries  | Ticket sales offices for sporting events, contract             |
| Skating instruction, ice or roller                                  | Tourist attractions, natural wonder : commercial               |
| Skating rink operation : ice or roller                              | Tourist guides   |
| Ski instruction   | Trampoline operation   |
| Ski lifts, cable lifts, ski tows : operated separately from lodges  | Wax figure exhibitions   |
| Ski rental concessions  | Yoga instruction   |
| Slot-car race tracks  | Zoological gardens, commercial                                 |
| Sporting goods rental   |  |
| Sports instructors, professional : for golf, skiing, swimming, etc. |  |



## Major Group 80.—HEALTH SERVICES

### *The Major Group as a Whole*

This major group includes establishments primarily engaged in furnishing medical, surgical, and other health service to persons. Associations or groups primarily engaged in providing medical or other health services to members are included, but those which limit their services to the provision of insurance against hospitalization or medical costs are classified in Major Group 63.

Group Industry  
No. No.

#### 801 OFFICES OF PHYSICIANS

##### 8011 Offices of Physicians

Establishments of licensed practitioners having the degree of M.D. and engaged in the practice of general or specialized medicine and surgery. Establishments such as group clinics, in which a group of physicians are associated for the purpose of carrying on their profession, are included in this industry. Osteopathic physicians are classified in Industry 8031.

Clinics, operated by groups of physicians  
Dispensaries, operated by groups of physicians  
Gynecologists, offices of  
Neurologists, offices of  
Obstetricians, offices of  
Oculists, offices of  
Ophthalmologists, offices of

Pathologists, offices of  
Physicians (M.D.), including specialists: offices of  
Plastic surgeons, offices of  
Psychiatrists, offices of  
Psychoanalysts, offices of  
Radiologists, offices of  
Surgeons, offices of

#### 802 OFFICES OF DENTISTS

##### 8021 Offices of Dentists

Establishments of licensed practitioners having the degree of D.D.S. (or D.D. Sc.) and engaged in the practice of general or specialized dentistry, including dental surgery.

Dental surgeons, offices of  
Dentists, offices of

Orthodontists, offices of

#### 803 OFFICES OF OSTEOPATHIC PHYSICIANS

##### 8031 Offices of Osteopathic Physicians

Establishments of licensed practitioners engaged in the practice of general or specialized osteopathy.

Osteopathic physicians, offices of

#### 804 OFFICES OF OTHER HEALTH PRACTITIONERS

##### 8041 Offices of Chiropractors

Establishments of licensed practitioners engaged in the practice of chiropraxis.

Chiropractors, offices of

##### 8042 Offices of Optometrists

Establishments of licensed practitioners engaged in the practice of optometry.

Optometrists, offices of

##### 8049 Offices of Health Practitioners, Not Elsewhere Classified

Establishments of licensed practitioners engaged in practice in health fields, not elsewhere classified.

Chiropodists, offices of  
Christian Science practitioners, offices of  
of  
Dieticians, offices of  
Midwives, offices of  
Naturopaths, offices of  
Nurses, registered and practical, offices of

Nutritionists, offices of  
Occupational therapists, offices of  
Podiatrists, offices of  
Physiotherapists, offices of  
Psychologists, clinical: offices of  
Psychotherapists (not M.D.), offices of

Group Industry  
No. No.

**805 NURSING AND PERSONAL CARE FACILITIES**

This group includes establishments primarily engaged in providing nursing and health-related personal care, with inpatient beds. Establishments providing diagnostic, surgical and extensive medical services are classified in Group 806.

**8051 Skilled Nursing Care Facilities**

Establishments primarily engaged in providing care and treatment for patients who require continuous health care, but not hospital services. These establishments have an organized medical staff, including physician and continuous nursing services. Included are extended care facilities as well as other types of continuous nursing care facilities.

Extended care facilities

Nursing homes, skilled

**8059 Nursing and Personal Care Facilities, Not Elsewhere Classified**

Establishments primarily engaged in providing some nursing and health-related personal care, but not continuous nursing services. These establishments have at least one shift with a licensed or registered nurse to provide routine health care and observation. Included are rest homes, convalescent homes and other institutions where health care is a major element. Establishments primarily engaged in providing day-to-day personal care but not health care by registered or licensed nurses are classified in Industry 8361.

Convalescent homes with health care  
Domiciliary care with health care  
Homes for retarded with health care

Personal care facilities with health care  
Personal care homes with health care  
Rest homes with health care

**806**

**HOSPITALS**

This group includes establishments primarily engaged in providing diagnostic services, extensive medical treatment including surgical services, and other hospital services, as well as continuous nursing services. These establishments have an organized medical staff, inpatient beds, and equipment and facilities to provide complete health care.

**8062 General Medical and Surgical Hospitals**

Establishments primarily engaged in providing general medical and surgical services and other hospital services. Specialty hospitals are classified in Industries 8063 and 8069.

General medical and surgical hospitals

**8063 Psychiatric Hospitals**

Establishments primarily engaged in providing diagnostic medical services and inpatient treatment for the mentally ill.

Mental hospitals

Psychiatric hospitals

**8069 Specialty Hospitals, Except Psychiatric**

Establishments primarily engaged in providing diagnostic services, treatment and other hospital services for patients with specified types of illnesses, except mental. Psychiatric hospitals are classified in Industry 8063.

Children's hospitals  
Chronic disease hospitals  
Eye, ear, nose, and throat hospitals  
Geriatric hospitals

Hospitals, specialty except psychiatric  
Maternity hospitals  
Orthopedic hospitals  
Tuberculosis hospitals

Group Industry  
No. No.

**807 MEDICAL AND DENTAL LABORATORIES**

**8071 Medical Laboratories**

Establishments primarily engaged in providing professional analytic or diagnostic services to the medical profession, or to the patient on prescription of a physician.

Bacteriological laboratories (not manufacturing)  
Biological laboratories (not manufacturing)  
Chemists, biological (not manufacturing), laboratories of

Medical laboratories (clinical)  
Pathological laboratories  
X-ray laboratories (not manufacturing)

**8072 Dental Laboratories**

Establishments primarily engaged in making dentures and artificial teeth to order for the dental profession. The manufacture of artificial teeth other than to order is classified in Industry 3843.

Dental laboratories  
Dentures, made in dental laboratories to order for the dental profession

Teeth, artificial—made in dental laboratories to order for the profession

**808 OUTPATIENT CARE FACILITIES**

**8081 Outpatient Care Facilities**

Establishments primarily engaged in outpatient care with permanent facilities and with medical staff to provide diagnosis, treatment, or both for patients who are ambulatory and do not require inpatient care. Associations or groups formed primarily to provide medical or other health service to their members, and which themselves provide these facilities, are included in this industry.

Family planning clinics  
Clinics, not operated by groups of licensed health practitioners  
Dental insurance (providing services through own facilities)  
Dispensaries, not operated by groups of licensed health practitioners  
Group health associations, providing medical services (not insurance) only

Health maintenance organizations (HMO)  
Medical insurance (providing services through own facilities)  
Outpatient treatment clinics for alcoholism  
Outpatient treatment clinics for drugs  
Rehabilitation centers, outpatient (medical treatment)  
Speech defect clinics

**809 HEALTH AND ALLIED SERVICES, NOT ELSEWHERE CLASSIFIED**

**8091 Health and Allied Services, Not Elsewhere Classified**

Establishments primarily engaged in rendering health and allied services, not elsewhere classified. Establishments of registered or practical nurses engaged in the independent practice of their profession are classified in Industry 8049; and nurses' registries in Industry 7361. Establishments, such as Blue Cross and Blue Shield plans, whose members are supplied these services by independent physicians or hospitals under contract are classified in Industry 6324.

Blood banks  
Blood donor stations  
Medical photography and art

Oxygen tent service  
Visiting nurse associations

**Major Group 81.—LEGAL SERVICES***The Major Group as a Whole*

This major group includes establishments engaged in offering legal advice or legal services the head or heads of which are members of the bar.

| Group<br>No. | Industry<br>No. |
|--------------|-----------------|
|--------------|-----------------|

|     |                       |
|-----|-----------------------|
| 811 | <b>LEGAL SERVICES</b> |
|-----|-----------------------|

|      |                       |
|------|-----------------------|
| 8111 | <b>Legal Services</b> |
|------|-----------------------|

|  |
|--|
| <ul style="list-style-type: none"> <li>Attorneys</li> <li>Counselors at law</li> <li>Law offices</li> <li>Lawyers</li> </ul> |
|--|

|  |
|--|
| <ul style="list-style-type: none"> <li>Legal aid services</li> <li>Legal services</li> <li>Patent solicitors' offices</li> <li>Referees in bankruptcy</li> </ul> |
|--|

## Major Group 82.—EDUCATIONAL SERVICES

### *The Major Group as a Whole*

This major group includes establishments furnishing formal academic or technical courses, correspondence schools, commercial and trade schools, and libraries. Schools for the instruction of beauty parlor operators are classified in Group 723; and barber colleges in Group 724. Establishments primarily engaged in providing job training are classified in Industry 8331.

Group Industry  
No. No.

### 821 ELEMENTARY AND SECONDARY SCHOOLS

#### 8211 Elementary and Secondary Schools

Elementary and secondary schools below university grade (ordinarily grades 1 through 12), including denominational and sectarian; kindergartens and military academies are also included.

Academies (elementary and secondary schools)  
Boarding schools  
Finishing schools (secondary)  
High schools, junior and senior  
Kindergartens  
Military academies, elementary or secondary level  
Preparatory schools

Schools, elementary and secondary  
Schools for retarded  
Schools for the physically handicapped (elementary and secondary)  
Sectarian schools (elementary and secondary)  
Seminaries, below university grade  
Vocational high schools

### 822 COLLEGES, UNIVERSITIES, PROFESSIONAL SCHOOLS, AND JUNIOR COLLEGES

#### 8221 Colleges, Universities, and Professional Schools

Colleges, universities, and professional schools granting academic degrees and requiring for admission at least a high school diploma or equivalent general academic training.

Colleges, except junior  
Professional schools: dental, engineering, law, medical, etc.

Service academies (college)  
Theological seminaries  
Universities

#### 8222 Junior Colleges and Technical Institutes

Junior colleges and technical institutes requiring for admission at least a high school diploma or equivalent general academic training, and granting associate academic degrees, certificates, or diplomas. Schools having junior college grades in conjunction with secondary grades are classified in Industry 8211.

Community colleges (junior)  
Junior colleges

Technical institutes

### 823 LIBRARIES AND INFORMATION CENTERS

#### 8231 Libraries and Information Centers

Centers for documentation  
Circulating libraries  
Lending libraries

Libraries  
Rental of books

### 824 CORRESPONDENCE SCHOOLS AND VOCATIONAL SCHOOLS

#### 8241 Correspondence Schools

Establishments primarily engaged in furnishing educational courses by mail. Offices maintained by such schools for the sale of correspondence courses are included.

Correspondence schools, including branch offices and solicitors

Group Industry  
No. No.

824 **CORRESPONDENCE SCHOOLS AND VOCATIONAL SCHOOLS—Continued**

8243 **Data Processing Schools**

Establishments primarily engaged in offering data processing courses in programming, and in computer and peripheral equipment operation, including keypunch operation. Schools offering an academic degree in computer sciences are classified in Industry Group 822.

Data processing schools

8244 **Business and Secretarial Schools**

Establishments primarily engaged in offering courses in business machines operation (except data processing), office procedures, and secretarial and stenographic skills.

Business colleges and schools, not of  
college grade  
Commercial schools, not of college  
grade

Secretarial schools, not of college  
grade

8249 **Vocational Schools, Except Vocational High Schools, Not Elsewhere Classified**

Establishments primarily engaged in offering specialized trade or commercial courses, not elsewhere classified, but not academic training. Beauty schools are classified in Industry 7231 and barber schools in Industry 7241. Flying instruction is classified in Industry 8290.

Aviation schools  
Banking schools (training in banking)  
Commercial art schools  
Nurses schools, practical

Trade schools  
Vocational schools, except high schools,  
data processing or business

829 **SCHOOLS AND EDUCATIONAL SERVICES, NOT ELSEWHERE CLASSIFIED**

8299 **Schools and Educational Services, Not Elsewhere Classified**

Specialized nondegree granting schools, not elsewhere classified, such as music schools, dramatic schools, language schools, and Civil Service and other short term examination preparatory schools. Dancing schools are classified in Industry 7911.

Art schools, except commercial  
Automobile driving instruction  
Baton instruction  
Bible schools, not operated by churches  
Ceramic schools  
Charm schools  
Civil service schools  
Diction schools  
Dramatic schools  
Finishing schools (charm and model-  
ing)

Flying instruction  
Hypnosis schools  
Language schools  
Modeling (clothes) schools  
Music schools  
Personal development schools  
Public speaking schools  
Reading schools  
Tutoring schools  
Vocational counseling, except rehabili-  
tation counseling

## Major Group 83.—SOCIAL SERVICES

### *The Major Group as a Whole*

This major group includes establishments providing social services and rehabilitation services to those persons with social or personal problems requiring special services and to the handicapped and the disadvantaged. Also included are organizations soliciting funds to be used directly for these and related services. Establishments primarily engaged in providing health services are classified in Major Group 80, legal services are classified in Industry 8111, and educational services in Major Group 82.

Group No.    Industry No.

### 832            INDIVIDUAL AND FAMILY SOCIAL SERVICES

#### 8321 Individual and Family Social Services

Establishments primarily engaged in providing one or more of a wide variety of individual and family social, counseling, welfare, or referral services, including refugee, disaster and temporary relief services. This industry includes offices of specialists providing counseling, referral and other social services. Government offices directly concerned with the delivery of social services to individuals and families, such as issuing of welfare aid, rent supplements, food stamps, eligibility casework, etc. are included here, but central office administration of these programs is classified in Industry 9441. Social Security offices are classified in Industry 9441. Establishments primarily engaged in providing vocational rehabilitation or counseling are classified in Industry 8331; fraternal, civic, and social associations are classified in Industry 8641.

Adoption services  
Adult day care centers  
Aid to families with dependent children (AFDC)  
Centers for senior citizens  
Child guidance agencies  
Community centers  
Counseling centers  
Disaster services  
Family location services  
Family (marriage) counseling services  
Family service agencies  
Helping hand services: Big Brother, Big Sister, etc.  
Homemakers' services

Multi-service centers (neighborhood)  
Neighborhood centers  
Old age assistance  
Public welfare centers (offices)  
Referral services for personal and social problems  
Refugee services  
Relief services, temporary  
Service leagues  
Settlement houses  
Social service centers: Salvation Army, etc.  
Traveler's Aid centers  
Youth centers

### 833            JOB TRAINING AND VOCATIONAL REHABILITATION SERVICES

#### 8331 Job Training and Vocational Rehabilitation Services

Establishments primarily engaged in providing manpower training and vocational rehabilitation and habilitation services for the unemployed, the underemployed, the handicapped, and to persons who have a job market disadvantage because of lack of education, job skill or experience, skill obsolescences, or personal characteristics or problems. Included are upgrading and job-development services, skill training, world-of-work orientation, and vocational rehabilitation counseling. This industry includes offices of specialists providing rehabilitation and job counseling. Also included are establishments primarily engaged in providing work experience for rehabilitees.

Job counseling  
Job training  
Manpower training  
Sheltered workshops  
Skill training centers  
Vocational rehabilitation agencies

Vocational rehabilitation counseling  
Vocational training agencies, except schools  
Work experience centers (OIC, Goodwill, Job Corps, Lighthouse for the Blind)

Group Industry  
No. No.

**835 CHILD DAY CARE SERVICES**

**8351 Child Day Care Services**

Establishments primarily engaged in the care of infants or children, or in providing prekindergarten education where medical care or delinquency correction is not a major element. These establishments may or may not have substantial educational programs. These establishments generally care for prekindergarten or preschool children, but may care for older children when they are not in school. Establishments providing babysitting services are classified in Industry 7299.

|  |                   |
|--|-------------------|
| Child care centers                                     | Nursery schools   |
| Day care centers                                       | Preschool centers |
| Group day care centers                                 |                   |
| Head Start centers, except in conjunction with schools |                   |

**836 RESIDENTIAL CARE**

**8361 Residential Care**

Establishments primarily engaged in the provision of residential social and personal care for children, the aged and special categories of persons with some limits on ability for self-care but where medical care is not a major element. Included are establishments providing 24-hour, year round, care for children. Boarding schools providing elementary and secondary education are classified in Industry 8211.

|  |  |
|--|--|
| Boys' towns  | Homes for the deaf or blind, with health care incidental           |
| Children's boarding homes  | Homes for the emotionally disturbed, with health care incidental   |
| Children's homes   | Homes for the physically handicapped, with health care incidental  |
| Children's villages  | Juvenile correctional homes  |
| Group foster homes   | Old soldiers' homes  |
| Halfway group homes for persons with social or personal problems | Orphanages   |
| Halfway homes for delinquents and offenders                      | Rehabilitation (residential) centers, with health care incidental  |
| Homes for destitute men and women                                | Rest homes, with health care incidental                            |
| Homes for children, with health care incidental                  | Self-help group homes for persons with social or personal problems |
| Homes for retarded, with health care incidental                  | Training schools for delinquents                                   |
| Homes for the aged, with health care incidental                  |  |

**839 SOCIAL SERVICES, NOT ELSEWHERE CLASSIFIED**

**8399 Social Services, Not Elsewhere Classified**

Establishments primarily engaged in providing social services, not elsewhere classified, including those establishments primarily engaged in community improvement, social change and neighborhood development. Organizations primarily engaged in soliciting contributions on their own account, and administering appropriations and allocating funds among other agencies engaged in social welfare services are also included, but foundations and philanthropic trusts are classified in Industry 6732. Establishments primarily engaged in the prevention of criminal or anti-social behavior are included, as are those providing rehabilitation services for ex-prisoners; but those establishments that provide residential care are classified in Industry 8361. Jails and reformatories are classified in Industry 9223. Civic, social and fraternal organizations are classified in Industry 8641; political organizations in Industry 8651; and establishments which raise funds on a contract basis in Industry 7399.

|  |   |
|--|---|
| Antipoverty boards   | Parole offices  |
| Associations for retarded children, the blind, the handicapped, etc.   | Probation offices   |
| Community action agencies  | Self-help organizations: alcoholics and gamblers anonymous                |
| Community chests   | Senior citizens associations  |
| Community development groups   | Social change associations: Urban Coalition, Urban League, etc.           |
| Councils for social agencies, exceptional children, poverty, etc.      | Social service information exchanges: alcoholism, drug addiction, etc.    |
| Fund raising organizations, except on a fee basis (united funds, etc.) | United fund councils  |
| Health and welfare councils  | United Givers Funds   |
| Neighborhood development groups  | Youth self-help agencies: Mobilization for Youth, HARYOU Act, Pride, Inc. |
| Offender rehabilitation agencies                                       |   |
| Offender self-help organizations                                       |   |



## Major Group 84.—MUSEUMS, ART GALLERIES, BOTANICAL AND ZOOLOGICAL GARDENS

### *The Major Group as a Whole*

This major group includes museums, art galleries, and botanical and zoological gardens, which are not operated commercially. Receipts or funding of these establishments are not primarily from admission charges. These establishments are of historical, educational or cultural interest.

Group Industry  
No. No.

### 841 MUSEUMS AND ART GALLERIES

#### 8411 Museums and Art Galleries

Establishments primarily engaged in noncommercial operation of museums and art galleries. This industry does not include establishments primarily operating museums and art galleries commercially, i.e., receipts primarily from admission charges. Art galleries or art dealers primarily selling to the general public are classified in Industry 5999 and commercially operated museums in Industry 7999.

Art galleries, noncommercial  
Museums, noncommercial

Planetaria, noncommercial

### 842 ARBORETA, BOTANICAL, AND ZOOLOGICAL GARDENS

#### 8421 Arboreta, Botanical, and Zoological Gardens

Establishments primarily engaged in the noncommercial operation of arboreta, and botanical and zoological gardens. Establishments primarily operating commercial exhibits are classified in Industry 7999.

Aquariums, noncommercial  
Arboreta, noncommercial

Botanical gardens, noncommercial  
Zoological gardens, noncommercial

## Major Group 86.—MEMBERSHIP ORGANIZATIONS

### *The Major Group as a Whole*

This major group includes organizations operating on a membership basis for the promotion of the interests of the members. Included are such as trade associations; professional membership organizations; labor unions and similar labor organizations; and political and religious organizations. This major group does not include business establishments operated by membership organizations, such as hospitals (Group 806), hotels (Major Group 70), concert or opera companies (Group 792), news syndicates (Industry 7351), golf and country clubs (Industry 7997), fraternity and sorority houses (Industry 7041), credit unions (Group 614), fraternal insurance offices (Major Group 63), and religious publishing houses (Major Group 27).

Group Industry  
No. No.

### 861 BUSINESS ASSOCIATIONS

#### 8611 Business Associations

Membership organizations engaged in promoting business interests.

|  |   |
|--|---|
| Better business bureaus  | Industrial standards committees                               |
| Boards of trade, other than security and commodity exchanges     | Junior Chambers of Commerce                                   |
| Business associations, other than civic and social               | Manufacturers' institutes                                     |
| Chambers of Commerce   | Merchants' associations, not engaged in credit investigations |
| Contractor's associations  | Public utility associations                                   |
| Growers' associations, not engaged in contract buying or selling | Real estate boards  |
| Growers' marketing advisory services                             | Shipping and steamship company associations                   |
|  | Trade associations  |

### 862 PROFESSIONAL MEMBERSHIP ORGANIZATIONS

#### 8621 Professional Membership Organizations

Membership organizations of professional persons for the advancement of the interests of their profession.

|                          |                                       |
|--------------------------|---------------------------------------|
| Bar associations         | Medical associations                  |
| Dental associations      | Professional membership organizations |
| Engineering associations | Scientific membership associations    |

### 863 LABOR UNIONS AND SIMILAR LABOR ORGANIZATIONS

#### 8631 Labor Unions and Similar Labor Organizations

Membership organizations of workers for the improvement of wages and working conditions.

|  |                                 |
|--|---------------------------------|
| Employees' associations, for improvement of wages and working conditions | Labor organizations             |
|  | Labor unions                    |
|  | Trade unions, local or national |

### 864 CIVIC, SOCIAL, AND FRATERNAL ASSOCIATIONS

#### 8641 Civic, Social, and Fraternal Associations

Membership organizations engaged in civic, social, or fraternal activities. Membership sports and recreation clubs are classified in Industry 7997, and insurance offices maintained by fraternal organizations in Major Group 63.

|  |   |
|--|---|
| Alumni associations and clubs  | Fraternal organizations, except residential                       |
| Boy Scout organizations  | Girl Scout organizations  |
| Businessmen's clubs, civic and social                                      | Taxpayers' associations   |
| Bars and restaurants, owned and operated for members of organizations only | University clubs  |
| Citizens' unions   | Veterans' organizations   |
| Civic associations   | Parent-teacher associations                                       |
| Community membership clubs, other than amusement and recreation clubs      | Singing societies   |
| Fraternal associations, other than insurance offices                       | Social clubs, membership  |
|  | Youth associations, except hotel units:<br>YMCA, YWCA, YMHA, YWHA |

Group Industry  
No. No.

865 **POLITICAL ORGANIZATIONS**

8651 **Political Organizations**

Membership organizations established to promote the interests of a national, State, or local political party or candidate.

Democratic clubs  
Political organizations and clubs

Republican clubs

866 **RELIGIOUS ORGANIZATIONS**

8661 **Religious Organizations**

Establishments of religious organizations operated for worship or for promotion of religious activities. Other establishments maintained by religious organizations, such as educational institutions, hospitals, publishing houses, and reading rooms are classified according to their activities.

Churches  
Convents  
Monasteries

Religion schools, operated by religious organizations  
Religious organizations

869 **MEMBERSHIP ORGANIZATIONS, NOT ELSEWHERE CLASSIFIED**

8699 **Membership Organizations, Not Elsewhere Classified**

Membership organizations, not elsewhere classified.

Athletic associations—regulatory only  
Automobile owners' associations and clubs  
Christian Science reading rooms  
Farm bureaus

Farm granges  
Historical clubs, other than professional  
Humane societies, animal  
Poetry associations

**Major Group 88.—PRIVATE HOUSEHOLDS***The Major Group as a Whole*

This major group includes private households which employ workers who serve on or about the premises in occupations usually considered as domestic service. Households classified in this major group may employ individuals, such as cooks, laundresses, maids, sitters, butlers, personal secretaries, and managers of personal affairs; and outside workers such as gardeners, caretakers, and other maintenance workers. The households of farming establishments are classified in Division A, individuals or groups providing amusement and entertainment services in Industry 7929, and individuals or groups providing babysitting services in Industry 7299 and other day care for children in Industry 8351.

| Group<br>No. | Industry<br>No. |
|--------------|-----------------|
|--------------|-----------------|

|     |                           |
|-----|---------------------------|
| 881 | <b>PRIVATE HOUSEHOLDS</b> |
|-----|---------------------------|

|      |                           |
|------|---------------------------|
| 8811 | <b>Private Households</b> |
|------|---------------------------|

Private households which employ workers who serve on or about the premises in occupations usually considered as domestic service.

Babysitting (private households employing babysitters in the home)  
 Domestic service (private households employing cooks, maids, etc.)  
 Estates, private  
 Farm homes, noncommercial

Farms, residential: noncommercial  
 Households, private: employing cooks, maids, chauffeurs, gardeners, etc.  
 Personal affairs management  
 Residential farms, noncommercial

## Major Group 89.—MISCELLANEOUS SERVICES

### *The Major Group as a Whole*

This major group includes establishments engaged in performing services, not elsewhere classified, such as those rendered by engineers, architects, accountants, artists, lecturers, and writers. This major group also includes noncommercial establishments primarily engaged in educational, scientific, and research activities.

| Group No.   | Industry No.  |  |   |   |  |                                    |
|---|---|--|---|---|--|------------------------------------|
| 891   |   | <b>ENGINEERING, ARCHITECTURAL, AND SURVEYING SERVICES</b>  |   |   |  |                                    |
|   | 8911  | <b>Engineering, Architectural, and Surveying Services</b>  |   |   |  |                                    |
|   |   | Establishments primarily performing services of a professional nature in the fields of engineering, architecture, and land surveying.  |   |   |  |                                    |
|   |   | <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Architectural service<br/>Designing: ship, boat, machine, and product</td> <td style="width: 50%;">Marine engineering<br/>Petroleum engineering<br/>Photogrammetric engineering</td> </tr> <tr> <td>Engineering: industrial, civil, electrical, mechanical, design, etc.</td> <td>Surveying: land, water, and aerial</td> </tr> </table>  | Architectural service<br>Designing: ship, boat, machine, and product  | Marine engineering<br>Petroleum engineering<br>Photogrammetric engineering  | Engineering: industrial, civil, electrical, mechanical, design, etc. | Surveying: land, water, and aerial |
| Architectural service<br>Designing: ship, boat, machine, and product  | Marine engineering<br>Petroleum engineering<br>Photogrammetric engineering  |  |   |   |  |                                    |
| Engineering: industrial, civil, electrical, mechanical, design, etc.  | Surveying: land, water, and aerial  |  |   |   |  |                                    |
| 892   |   | <b>NONCOMMERCIAL EDUCATIONAL, SCIENTIFIC, AND RESEARCH ORGANIZATIONS</b>   |   |   |  |                                    |
|   | 8922  | <b>Noncommercial Educational, Scientific, and Research Organizations</b>   |   |   |  |                                    |
|   |   | Establishments primarily engaged in noncommercial research into, and dissemination of, information for public health, education, or general welfare. Establishments included here operate primarily on funds from endowments, contributions, and grants. Establishments primarily engaged in research on a contract or fee (commercial) basis are classified in Major Group 73.  |   |   |  |                                    |
|   |   | <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Archeological expeditions<br/>Educational research agencies, noncommercial<br/>Medical research, noncommercial (cancer, TB, etc.)<br/>Research agencies, scientific and educational: noncommercial</td> <td style="width: 50%;">Research institutes: Brookings, Carnegie, NBER, etc.<br/>Scientific research agencies, noncommercial<br/>Social research, noncommercial</td> </tr> </table>                                     | Archeological expeditions<br>Educational research agencies, noncommercial<br>Medical research, noncommercial (cancer, TB, etc.)<br>Research agencies, scientific and educational: noncommercial | Research institutes: Brookings, Carnegie, NBER, etc.<br>Scientific research agencies, noncommercial<br>Social research, noncommercial |  |                                    |
| Archeological expeditions<br>Educational research agencies, noncommercial<br>Medical research, noncommercial (cancer, TB, etc.)<br>Research agencies, scientific and educational: noncommercial | Research institutes: Brookings, Carnegie, NBER, etc.<br>Scientific research agencies, noncommercial<br>Social research, noncommercial |  |   |   |  |                                    |
| 893   |   | <b>ACCOUNTING, AUDITING, AND BOOKKEEPING SERVICES</b>  |   |   |  |                                    |
|   | 8931  | <b>Accounting, Auditing, and Bookkeeping Services</b>  |   |   |  |                                    |
|   |   | Establishments primarily engaged in furnishing accounting, auditing, and bookkeeping services. Such establishments may, as part of providing such service, use data processing and tabulating techniques; however, establishments primarily engaged in providing data processing and tabulating services, not as a part of accounting, bookkeeping, and auditing service, are classified in Group 737. Establishments providing income tax return preparation service are included in Industry 7299. |   |   |  |                                    |
|   |   | <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Accounting services<br/>Auditing services<br/>Billing and bookkeeping service<br/>Certified public accountants</td> <td style="width: 50%;">Bookkeeping and billing services<br/>Payroll accounting service<br/>Public accountants, certified</td> </tr> </table>   | Accounting services<br>Auditing services<br>Billing and bookkeeping service<br>Certified public accountants   | Bookkeeping and billing services<br>Payroll accounting service<br>Public accountants, certified                                       |  |                                    |
| Accounting services<br>Auditing services<br>Billing and bookkeeping service<br>Certified public accountants   | Bookkeeping and billing services<br>Payroll accounting service<br>Public accountants, certified                                       |  |   |   |  |                                    |
| 899   |   | <b>SERVICES, NOT ELSEWHERE CLASSIFIED</b>  |   |   |  |                                    |
|   | 8999  | <b>Services, Not Elsewhere Classified</b>  |   |   |  |                                    |
|   |   | Establishments primarily providing services, not elsewhere classified, such as authors, lecturers, radio commentators, song writers, weather forecasters, writers, and artists working on their own account. Establishments primarily providing commercial art services are classified in Industry 7333.   |   |   |  |                                    |

Group Industry  
No. No.

899

## SERVICES, NOT ELSEWHERE CLASSIFIED—Continued

## 8999 Services, Not Elsewhere Classified—Continued

|   |   |
|---|---|
| Actuaries, consulting   | Geologists, consulting: not connected<br>with business service laboratories |
| Advertising copy, writers of  | Ghost writing   |
| Announcers, radio and television serv-<br>ice                             | Greeting cards, hand painting of  |
| Art restoration   | Inventors   |
| Artificial nucleation (cloud seeding)                                     | Lecturers   |
| Artists, excluding commercial and med-<br>ical artists                    | Music arrangers   |
| Artists' studios, except commercial and<br>medical                        | Newspaper columnists  |
| Authors   | Physicists, consulting: not connected<br>with business service laboratories |
| Chemists, consulting: not connected<br>with business service laboratories | Psychologists, industrial   |
| Christian Science lecturers   | Radio commentators  |
| Cloud seeding   | Sculptors' studios  |
| Consultants, nuclear, not connected<br>with business service laboratories | Songwriters   |
| Entomologists, consulting: not with<br>business service laboratories      | Stained glass artists   |
|   | Weather forecasters   |
|   | Weather modification (rainmakers)   |
|   | Writers   |