

Appendix C.

Industry Descriptions

20 FOOD AND KINDRED PRODUCTS

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. Products described as dietetic are classified in the same manner as nondietetic products (e.g., as candy, canned fruits, cookies). Chemical sweeteners are classified in major group 28.

201 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, cooking, curing, and freezing, and in making sausage, lard, and other products. Also included in this industry are establishments primarily engaged in slaughtering horses for human consumption. Establishments primarily engaged in slaughtering, dressing, and packing poultry, rabbits, and other small game are classified in industry 2015; and those primarily engaged in slaughtering and processing animals not for human consumption are classified in industry 2048. 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.

2013 Sausages and Other Prepared Meat Products

Establishments primarily engaged in manufacturing sausages, cured meats, smoked meats, canned meats, frozen meats, and other prepared meats and meat specialties, from purchased carcasses and other materials. Prepared meat plants operated by packing houses as separate establishments are also included in this industry. Establishments primarily engaged in canning or otherwise processing poultry, rabbits, and other small game are classified in industry 2015. Establishments primarily engaged in canning meat for baby food are classified in industry 2032. Establishments primarily engaged in the cutting up and resale of purchased fresh carcasses, for the trade, (including boxed beef) are classified in Wholesale Trade, industry 5147.

2015 Poultry Slaughtering and Processing

Establishments primarily engaged in slaughtering, dressing, packing, freezing, and canning poultry, rabbits, and other small game, or in manufacturing products from such meats, for their own account or on a contract basis for the trade. This industry also includes the drying, freezing, and breaking of eggs. Establishments primarily engaged in cleaning, oil treating, packing, and grading of eggs are classified in Wholesale Trade, industry 5144; and those engaged in the cutting up and resale of purchased fresh carcasses are classified in Wholesale and Retail Trade.

202 DAIRY PRODUCTS

This industry group includes establishments primarily engaged in: (1) manufacturing creamery butter; natural, processed, and imitation cheese; dry, condensed, and evaporated milk; ice cream and frozen dairy desserts; and special dairy products, such as yogurt 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 use in manufacturing or processing plants are classified in industry 5143.

2021 Creamery Butter

Establishments primarily engaged in manufacturing creamery butter.

2022 Natural, Processed, and Imitation Cheese

Establishments primarily engaged in manufacturing natural cheese (except cottage cheese), processed cheese, cheese foods, cheese spreads, and cheese analogs (imitations and substitutes). These establishments also produce byproducts, such as raw liquid whey. Establishments primarily engaged in manufacturing cottage cheese are classified in industry 2026, and those manufacturing cheese-based salad dressings are classified in industry 2035.

2023 Dry, Condensed, and Evaporated Dairy Products

Establishments primarily engaged in manufacturing dry, condensed, and evaporated dairy products. Included in this industry are establishments primarily engaged in manufacturing mixes for the preparation of frozen ice cream and ice milk and dairy and nondairy base cream substitutes and dietary supplements.

2024 Ice Cream and Frozen Desserts

Establishments primarily engaged in manufacturing ice cream and other frozen desserts. Establishments primarily engaged in manufacturing frozen bakery products, such as cakes and pies, are classified in industry 2053.

2026 Fluid Milk

Establishments primarily engaged in processing (e.g., pasteurizing, homogenizing, vitaminizing, bottling) fluid milk and cream, and related products, including cottage cheese, yogurt (except frozen), and other fermented milk. Establishments primarily engaged in manufacturing dry mix whipped toppings are classified in industry 2023; those producing frozen whipped toppings are classified in industry 2038; and those producing frozen yogurt are classified in industry 2024.

203 CANNED, FROZEN, AND PRESERVED FRUITS, VEGETABLES, AND FOOD SPECIALTIES

The canned products of this industry group are distinguished by their processing rather than by the container. The products may be shipped in bulk or in individual cans, bottles, retort pouch packages, or other containers.

2032 Canned Specialties

Establishments primarily engaged in canning specialty products, such as baby foods, nationality specialty foods, and soups, except seafood. Establishments primarily engaged in canning seafoods are classified in industry 2091.

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

Establishments primarily engaged in canning fruits, vegetables, and fruit and vegetable juices; and in manufacturing catsup and similar tomato sauces, or natural and imitation preserves, jams, and jellies. Establishments primarily engaged in canning seafoods are classified in industry 2091; and those manufacturing canned specialties, such as baby foods and soups, except seafood, are classified in industry 2032.

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 Wholesale Trade, industry 5149.

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 are classified in Wholesale or Retail Trade. Establishments primarily engaged in manufacturing dry salad dressing and dry sauce mixes are classified in industry 2099.

2037 Frozen Fruits, Fruit Juices, and Vegetables

Establishments primarily engaged in freezing fruits, fruit juices, and vegetables. These establishments also produce important byproducts such as fresh or dried citrus pulp.

2038 Frozen Specialties, Not Elsewhere Classified

Establishments primarily engaged in manufacturing frozen food specialties, not elsewhere classified, such as frozen dinners and frozen pizza. The manufacture of some important frozen foods and specialties is classified elsewhere. For example, establishments primarily engaged in manufacturing frozen dairy specialties are classified in industry group 202, those manufacturing frozen bakery products are classified in industry group 205, those manufacturing frozen fruits and vegetables are classified in industry 2037, and those manufacturing frozen fish and seafood specialties are classified in industry 2092.

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 those milling rice are classified in industry 2044.

2043 Cereal Breakfast Foods

Establishments primarily engaged in manufacturing cereal breakfast foods and related preparations, except breakfast bars. Establishments primarily engaged in manufacturing granola bars and other types of breakfast bars are classified in industry 2064.

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.

2045 Prepared Flour Mixes and Doughs

Establishments primarily engaged in preparing flour mixes or doughs from purchased flour. Establishments primarily engaged in milling flour from grain and producing mixes or doughs are classified in industry 2041.

2046 Wet Corn Milling

Establishments primarily engaged in milling corn or sorghum grain (milo) by the wet process, and producing starch, syrup, oil, sugar, and byproducts, such as gluten feed and meal. Also included in this industry are establishments primarily engaged in manufacturing starch from other vegetable sources (e.g., potatoes, wheat). Establishments primarily engaged in manufacturing table syrups from corn syrup and other ingredients, and those manufacturing starch base dessert powders, are classified in industry 2099.

2047 Dog and Cat Food

Establishments primarily engaged in manufacturing dog and cat food from cereal, meat, and other ingredients. These preparations may be canned, frozen, or dry. Establishments primarily engaged in manufacturing feed for animals other than dogs and cats are classified in industry 2048.

2048 Prepared Feeds and Feed Ingredients for Animals and Fowls, Except Dogs and Cats

Establishments primarily engaged in manufacturing prepared feeds and feed ingredients and adjuncts for animals and fowls, except dogs and cats. Included in this industry are poultry and livestock feed and feed ingredients, such as alfalfa meal, feed supplements, and feed concentrates and feed premixes. Also included are establishments primarily engaged in slaughtering animals for animal feed. Establishments primarily engaged in slaughtering animals for human consumption are classified in industry group 201. Establishments primarily engaged in manufacturing dog and cat foods are classified in industry 2047.

205 BAKERY PRODUCTS

2051 Bread and Other Bakery Products, Except Cookies and Crackers

Establishments primarily engaged in manufacturing fresh or frozen bread and bread-type rolls and fresh cakes, pies, pastries and other similar “perishable” bakery products. Establishments primarily engaged in producing “dry” bakery products, such as biscuits, crackers, and cookies, are classified in industry 2052. Establishments primarily engaged in manufacturing frozen bakery products, except bread

and bread-type rolls, are classified in industry 2053. Establishments producing bakery products primarily for direct sale on the premises to household consumers are classified in Retail Trade, industry 5461.

2052 Cookies and Crackers

Establishments primarily engaged in manufacturing fresh cookies, crackers, pretzels, and similar “dry” bakery products. Establishments primarily engaged in producing other fresh bakery products are classified in industry 2051.

2053 Frozen Bakery Products, Except Bread

Establishments primarily engaged in manufacturing frozen bakery products, except bread and bread-type rolls. Establishments primarily engaged in manufacturing frozen bread and bread-type rolls are classified in industry 2051.

206 SUGAR AND CONFECTIONERY PRODUCTS

2061 Cane Sugar, Except Refining

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

2062 Cane Sugar Refining

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

2063 Beet Sugar

Establishments primarily engaged in manufacturing sugar from sugar beets.

2064 Candy and Other Confectionery Products

Establishments primarily engaged in manufacturing candy, including chocolate candy, other confections, and related products. Establishments primarily engaged in manufacturing solid chocolate bars from cacao beans are classified in industry 2066, those manufacturing chewing gum are classified in industry 2067, and those primarily engaged in roasting and salting nuts are classified in industry 2068. Establishments primarily engaged in manufacturing confectionery for direct sale on the premises to household consumers are classified in Retail Trade, industry 5441.

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, chocolate coatings, and other chocolate

and cocoa products. Also included is the manufacture of similar products, except candy, from purchased chocolate or cocoa. Establishments primarily engaged in manufacturing candy from purchased cocoa products are classified in industry 2064.

2067 Chewing Gum

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

2068 Salted and Roasted Nuts and Seeds

Establishments primarily engaged in manufacturing salted, roasted, dried, cooked, or canned nuts or in processing grains or seeds in a similar manner for snack purposes. Establishments primarily engaged in manufacturing confectionery-coated nuts are classified in industry 2064, and those manufacturing peanut butter are classified in industry 2099.

207 FATS AND OILS

2074 Cottonseed Oil Mills

Establishments primarily engaged in manufacturing cottonseed oil, cake, meal, and linters, or in processing purchased cottonseed oil other than into edible cooking oils. Establishments primarily engaged in refining cottonseed oil into edible cooking oils are classified in industry 2079.

2075 Soybean Oil Mills

Establishments primarily engaged in manufacturing soybean oil, cake, and meal, and soybean protein isolates and concentrates, or in processing purchased soybean oil other than into edible cooking oils. Establishments primarily engaged in refining soybean oil into edible cooking oils are classified in industry 2079.

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

Establishments primarily engaged in manufacturing vegetable oils, cake and meal, except corn, cottonseed, and soybean, or in processing similar purchased oils other than into edible cooking oils. 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 are classified in industry 2833.

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 stearin,

grease, and tallow from animal fat, bones, and meat scraps. Establishments primarily engaged in manufacturing lard and edible tallow and stearin are classified in industry group 201; those refining marine animal oils for medicinal purposes are classified in industry 2833; and those manufacturing fatty acids are classified in industry 2899.

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. Establishments primarily engaged in producing corn oil are classified in industry 2046.

208 BEVERAGES

2082 Malt Beverages

Establishments primarily engaged in manufacturing malt beverages. Establishments primarily engaged in bottling purchased malt beverages are classified in industry 5181.

2083 Malt

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

2084 Wines, Brandy, and Brandy Spirits

Establishments primarily engaged in manufacturing wines, brandy, and brandy spirits. This industry also includes bonded wine cellars 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 Wholesale Trade, industry 5182.

2085 Distilled and Blended Liquors

Establishments primarily engaged in manufacturing alcoholic liquors by distillation, 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 are classified in Wholesale Trade, industry 5182.

2086 Bottled and Canned Soft Drinks and Carbonated Waters

Establishments primarily engaged in manufacturing soft drinks and carbonated waters. Establishments primarily engaged in manufacturing fruit and vegetable juices are classified in industry group 203; those manufacturing fruit syrups for flavoring are classified in industry 2087; and

those manufacturing nonalcoholic cider are classified in industry 2099. Establishments primarily engaged in bottling natural spring waters are classified in Wholesale Trade, industry 5149.

2087 Flavoring Extracts and Flavoring Syrups, Not Elsewhere Classified

Establishments primarily engaged in manufacturing flavoring extracts, syrups, powders, and related products, 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 syrup are classified in industry 2066.

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 and other seafoods for the trade. Establishments primarily engaged in shucking and packing fresh oysters in nonsealed containers, or in freezing or preparing fresh fish, are classified in industry 2092.

2092 Prepared Fresh or Frozen Fish and Seafoods

Establishments primarily engaged in preparing fresh and raw or cooked frozen fish and other seafoods and seafood preparations, such as soups, stews, chowders, fishcakes, crabcakes, and shrimpcakes. Prepared fresh fish are eviscerated or processed by removal of heads, fins, or scales. This industry also includes establishments primarily engaged in the shucking and packing of fresh oysters in nonsealed containers.

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 roasting by wholesale grocers is classified in Wholesale Trade, industry 5149.

2096 Potato Chips, Corn Chips, and Similar Snacks

Establishments primarily engaged in manufacturing potato chips, corn chips, and similar snacks. Establishments primarily engaged in manufacturing pretzels and crackers are classified in industry 2052; those manufacturing candy covered popcorn are classified in industry 2064; those

manufacturing salted, roasted, cooked or canned nuts and seeds are classified in industry 2068; and those manufacturing packaged unpopcorned popcorn are classified in industry 2099.

2097 Manufactured Ice

Establishments primarily engaged in manufacturing ice for sale. Establishments primarily engaged in manufacturing dry ice are classified in industry 2813.

2098 Macaroni, Spaghetti, Vermicelli, and Noodles

Establishments primarily engaged in manufacturing dry macaroni, spaghetti, vermicelli, and noodles. Establishments primarily engaged in manufacturing canned macaroni and spaghetti are classified in industry 2032, and those manufacturing fried noodles, such as Chinese noodles, are classified in industry 2099.

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; peanut butter; packaged tea, including instant; ground spices; and vinegar and cider. Also included in this industry are establishments primarily engaged in manufacturing dry preparations, except flour mixes, consisting of pasta, rice, potatoes, textured vegetable protein, and similar products which are packaged with other ingredients to be prepared and cooked by the consumer. Establishments primarily engaged in manufacturing flour mixes are classified in industry group 204.

21 TOBACCO PRODUCTS

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

211 CIGARETTES

2111 Cigarettes

Establishments primarily engaged in manufacturing cigarettes from tobacco or other materials.

212 CIGARS

2121 Cigars

Establishments primarily engaged in manufacturing cigars.

213 CHEWING AND SMOKING TOBACCO AND SNUFF

2131 Chewing and Smoking Tobacco and Snuff

Establishments primarily engaged in manufacturing chewing and smoking tobacco and snuff.

214 TOBACCO STEMMING AND REDRYING

2141 Tobacco Stemming and Redrying

Establishments primarily engaged in the stemming and redrying of tobacco or in manufacturing reconstituted tobacco. Establishments which sell leaf tobacco as merchant wholesalers, agents, or brokers, and which also may be engaged in stemming tobacco, are classified in Wholesale Trade, industry 5159. Leaf tobacco warehouses which also may be engaged in stemming tobacco are classified in Transportation and Public Utilities, industry 4221.

22 TEXTILE MILL PRODUCTS

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 broadwoven fabrics, narrow woven fabrics, knit fabrics, and carpets and rugs from yarn; (3) dyeing and finishing fiber, yarn, fabrics, and knit apparel; (4) coating, waterproofing, or otherwise treating fabrics; (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 industry group 225.

221 BROADWOVEN FABRIC MILLS, COTTON

2211 Broadwoven Fabric Mills, Cotton

Establishments primarily engaged in weaving fabrics more than 12 inches (30.48 centimeters) in width, wholly or chiefly by weight of cotton. Establishments primarily engaged in weaving or tufting carpet and rugs are classified in

industry 2273; those making tire cord and fabrics are classified in industry 2296; and those engaged in finishing cotton broadwoven fabrics are classified in industry 2261.

222 BROADWOVEN FABRIC MILLS, MANMADE FIBER AND SILK

2221 Broadwoven Fabric Mills, Manmade Fiber and Silk

Establishments primarily engaged in weaving fabrics more than 12 inches (30.48 centimeters) in width, wholly or chiefly by weight of silk and manmade fibers including glass. Establishments primarily engaged in weaving or tufting carpets and rugs from these fibers are classified in industry 2273; those manufacturing tire cord and fabrics are classified in industry 2296; and those engaged in finishing manmade fiber and silk broadwoven goods are classified in industry 2262.

223 BROADWOVEN FABRIC MILLS, WOOL (INCLUDING DYEING AND FINISHING)

2231 Broadwoven Fabric Mills, Wool (Including Dyeing and Finishing)

Establishments primarily engaged in weaving fabrics more than 12 inches (30.48 centimeters) in width, wholly or chiefly by weight of wool, mohair, or similar animal fibers; 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 or tufting wool carpets and rugs are classified in industry 2273.

224 NARROW FABRIC AND OTHER SMALLWARES MILLS: COTTON, WOOL, SILK, AND MANMADE FIBER

2241 Narrow Fabric and Other Smallwares Mills: Cotton, Wool, Silk, and Manmade Fiber

Establishments primarily engaged in weaving or braiding narrow fabrics of cotton, wool, silk, and manmade fibers, including glass fibers. These fabrics are generally 12 inches or less in width in their final form but may be made initially in wider widths that are specially constructed for cutting to narrower widths. Also included in this industry are establishments primarily engaged in producing fabric-covered elastic yarn or thread.

225 KNITTING MILLS

This industry 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, Except Socks

Establishments primarily engaged in knitting, dyeing, or finishing women's and misses' full-length and knee-length hosiery (except socks) both seamless and full-fashion, and panty hose. Establishments primarily engaged in knitting, dyeing, or finishing women's and misses' knee-length socks and anklets are classified in industry 2252. Establishments primarily engaged in manufacturing elastic (orthopedic) hosiery are classified in industry 3842.

2252 Hosiery, Not Elsewhere Classified

Establishments primarily engaged in knitting, dyeing, or finishing hosiery, not elsewhere classified. Establishments primarily engaged in manufacturing women's full-length and knee-length hosiery (except socks), and panty hose are classified in industry 2251. Establishments primarily engaged in manufacturing elastic (orthopedic) hosiery are classified in industry 3842.

2253 Knit Outerwear Mills

Establishments primarily engaged in knitting outerwear from yarn or in manufacturing outerwear from knit fabrics 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 fabrics are classified in major group 23.

2254 Knit Underwear and Nightwear Mills

Establishments primarily engaged in knitting underwear and nightwear from yarn or in manufacturing underwear and nightwear from knit fabrics produced in the same establishment. Establishments primarily engaged in manufacturing underwear and nightwear from purchased knit fabrics are classified in major group 23. Establishments primarily engaged in knitting robes are classified in industry 2253.

2257 Weft Knit Fabric Mills

Establishments primarily engaged in knitting weft (circular) fabrics or in dyeing, or finishing weft (circular) knit fabrics.

2258 Lace and Warp Knit Fabric Mills

Establishments primarily engaged in knitting, dyeing, or finishing warp (flat) knit fabrics, or in manufacturing, dyeing, or finishing lace goods.

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.

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

2261 Finishers of Broadwoven Fabrics of Cotton

Establishments primarily engaged in finishing purchased cotton broadwoven 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. Also included in this industry are establishments primarily engaged in shrinking and sponging of cotton broadwoven fabrics for the trade and chemical finishing for water repellency, fire resistance, and mildew proofing. Establishments primarily engaged in finishing wool broadwoven fabrics are classified in industry 2231; those finishing knit goods are classified in industry group 225; and those coating or impregnating fabrics are classified in industry 2295.

2262 Finishers of Broadwoven Fabrics of Manmade Fiber and Silk

Establishments primarily engaged in finishing purchased manmade fiber and silk broadwoven 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 broadwoven fabrics are classified in industry 2231; those finishing knit goods are classified in industry group 225; and those coating or impregnating fabrics are classified in industry 2295.

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.

227 CARPETS AND RUGS

2273 Carpets and Rugs

Establishments primarily engaged in manufacturing woven, tufted, and other carpets and rugs, such as art squares, floor mattings, needle punch carpeting, and door mats and mattings, from textile materials or from twisted paper, grasses, reeds, coir, sisal, jute, or rags.

228 YARN AND THREAD MILLS

2281 Yarn Spinning Mills

Establishments primarily engaged in spinning yarn wholly or chiefly by weight of cotton, manmade fibers, silk, wool, mohair, or similar animal fibers. Establishments primarily engaged in dyeing or finishing purchased yarns or finishing yarns on a commission basis are classified in industry 2231 if the yarns are of wool and in industry 2269 if they are of other fibers. Establishments primarily engaged in producing specialty yarns or producing spun yarns of other fibers are classified in industry 2299.

2282 Yarn Texturizing, Throwing, Twisting, and Winding Mills

Establishments primarily engaged in texturizing, throwing, twisting, winding, or spooling purchased yarns or manmade fiber filaments wholly or chiefly by weight of cotton, manmade fibers, silk, or wool, mohair or similar animal fibers, or in performing such activities on a commission basis. Establishments primarily engaged in dyeing or finishing purchased yarns or finishing yarns on a commission basis are classified in industry 2231 if the yarns are of wool and in industry 2269 if they are of other fibers. Establishments primarily engaged in producing and texturizing manmade fiber filaments and yarns in the same plant are classified in industries 2823 or 2824.

2284 Thread Mills

Establishments primarily engaged in manufacturing thread of cotton, silk, manmade fibers, wool or similar animal fibers. Important products of this industry include sewing, crochet, darning, embroidery, tatting, hand-knitting, and other handicraft threads. Establishments primarily engaged in manufacturing thread of flax, hemp, and ramie are classified in industry 2299.

229 MISCELLANEOUS TEXTILE GOODS

2295 Coated Fabrics, Not Rubberized

Establishments primarily engaged in manufacturing coated, impregnated, or laminated 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 engaged in dyeing and finishing textiles are classified in industry group 226 or industry 2231.

2296 Tire Cord and Fabrics

Establishments primarily engaged in manufacturing cord and fabric of manmade fibers, cotton, glass, steel, or other materials for use in reinforcing rubber tires, industrial belting, fuel cells, and similar uses.

2297 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 woven felts are classified in industry 2231; and those producing other felts are classified in industry 2299.

2298 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, manmade fibers including glass, and other fibers.

2299 Textile Goods, Not Elsewhere Classified

Establishments primarily engaged in manufacturing textile goods, not elsewhere classified, including linen goods, jute goods, felt goods, padding and upholstery filling and processed waste and recovered fibers and flock. 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 wool felts and wool haircloth are classified in industry 2231, and those manufacturing needle punch carpeting are classified in industry 2273. Establishments primarily engaged in manufacturing embroideries are classified in industry group 239. Establishments primarily engaged in manufacturing lace goods are classified in industry 2258. Establishments primarily engaged in sorting wiping rags or waste are classified in Wholesale Trade, industry 5093.

23 APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS

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. Also included are establishments that manufacture clothing by cutting and joining (for example, by adhesives) materials such as paper and nonwoven textiles. 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 clothing from their materials, and selling of the finished apparel.

Knitting mills are classified in industry 2253 if primarily knitting outerwear, and in industry 2254 if primarily knitting underwear and nightwear. Custom tailors and dressmakers not operating on a factory basis are classified in Retail Trade, industry 5699; and establishments which purchase and resell finished garments but do not perform the functions of the apparel jobbers are classified in Wholesale Trade, industry group 513.

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

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

Establishments primarily engaged in manufacturing men's and boys' tailored suits, coats, and overcoats from purchased woven or knit fabrics. Establishments primarily engaged in manufacturing uniforms (except athletic and work uniforms) are also included in this industry. Establishments primarily engaged in manufacturing men's work uniforms and clothing are classified in industry 2326, and those manufacturing men's and boys' athletic uniforms are classified in industry 2329. Knitting mills primarily engaged in manufacturing suits and coats are classified in industry 2253.

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

2321 Men's and Boys' Shirts, Except Work Shirts

Establishments primarily engaged in manufacturing men's and boys' shirts (including polo and sport shirts) from purchased woven or knit fabrics. Establishments primarily engaged in manufacturing work shirts are classified in industry 2326. Knitting mills primarily engaged in manufacturing outerwear are classified in industry 2253.

2322 Men's and Boys' Underwear and Nightwear

Establishments primarily engaged in manufacturing men's and boys' underwear and nightwear from purchased woven or knit fabrics. Knitting mills primarily engaged in manufacturing underwear and nightwear are classified in industry 2254; and those manufacturing men's and boys' robes are classified in industry 2384.

2323 Men's and Boys' Neckwear

Establishments primarily engaged in manufacturing men's and boys' neckties, scarves, and mufflers from purchased woven or knit fabrics. Knitting mills primarily engaged in manufacturing neckties, scarves, and mufflers are classified in industry 2253.

2325 Men's and Boys' Separate Trousers and Slacks

Establishments primarily engaged in manufacturing men's and boys' separate trousers and slacks from purchased woven or knit fabrics, including jeans, dungarees, and jean-cut casual slacks. Establishments primarily engaged in manufacturing complete suits are classified in industry 2311; those manufacturing workpants (excluding jeans and dungarees) are classified in industry 2326. Knitting mills primarily engaged in manufacturing men's and boys' separate trousers and slacks are classified in industry 2253.

2326 Men's and Boys' Work Clothing

Establishments primarily engaged in manufacturing men's and boys' work shirts, workpants (excluding jeans and dungarees), other work clothing, and washable service apparel. Establishments primarily engaged in manufacturing separate trousers and slacks are classified in industry 2325.

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

Establishments primarily engaged in manufacturing men's and boys' clothing, not elsewhere classified, from purchased woven or knit fabrics. Establishments primarily engaged in manufacturing leather and sheep-lined garments are classified in industry 2386. Knitting mills primarily engaged in manufacturing outerwear are classified in industry 2253.

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

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

Establishments primarily engaged in manufacturing women's, misses', and juniors' blouses and shirts from purchased woven or knit fabrics. Knitting mills primarily engaged in manufacturing outerwear are classified in industry 2253. Establishments primarily engaged in manufacturing girls', children's, and infants' blouses and shirts are classified in industry 2361.

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

Establishments primarily engaged in manufacturing women's, misses', and juniors' dresses (including ensemble dresses), from purchased woven or knit fabrics, including woven or knit fabrics of paper, 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. Knitting mills primarily engaged in manufacturing knit dresses are classified in industry 2253.

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

Establishments primarily engaged in manufacturing women's, misses', and juniors' suits, pantsuits, skirts, coats, except fur coats and raincoats, and tailored jackets and vests, from purchased woven or knit fabrics. These garments are generally tailored and usually lined. Establishments primarily engaged in manufacturing fur clothing are classified in industry 2371; and those manufacturing raincoats are classified in industry 2385. Knitting mills primarily engaged in manufacturing knit outerwear are classified in industry 2253.

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

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

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 from purchased woven or knit fabrics. Knitting mills primarily engaged in manufacturing underwear and nightwear are classified in industry 2254. Establishments primarily engaged in manufacturing women's and misses' robes and dressing gowns are classified in industry 2384, and those manufacturing children's and infants' robes are classified in industry 2369. Establishments primarily engaged in manufacturing brassieres, girdles, and allied garments are classified in industry 2342.

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.

235 HATS, CAPS, AND MILLINERY

2353 Hats, Caps, and Millinery

Establishments primarily engaged in manufacturing hats, caps, and millinery, and hat bodies. Establishments primarily engaged in manufacturing millinery trimmings are classified in industry 2396. Establishments primarily engaged in manufacturing hats and caps of paper are classified in industry 2679; those manufacturing caps of rubber are

classified in industry 3069; those manufacturing caps of plastics are classified in industry 3089; and those manufacturing fur hats are classified in industry 2371.

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

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

Establishments primarily engaged in manufacturing girls', children's, and infants' dresses, blouses, and shirts from purchased woven or knit fabrics. Knitting mills primarily engaged in manufacturing outerwear are classified in industry 2253.

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

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

237 FUR GOODS

2371 Fur Goods

Establishments primarily engaged in manufacturing fur coats, and other clothing, 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 are classified in industry 3999.

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 from purchased woven or knit fabrics, or from these materials combined with leather or plastics. Knitting mills primarily engaged in manufacturing gloves and mittens are classified in industry 2259; establishments primarily engaged in manufacturing leather gloves are classified in industry 3151; those manufacturing sporting and athletic gloves are classified in industry 3949; and those manufacturing safety gloves are classified in industry 3842.

2384 Robes and Dressing Gowns

Establishments primarily engaged in manufacturing men's, boys', and women's robes and dressing gowns from purchased woven or knit fabrics. Establishments primarily

engaged in manufacturing girls', children's, and infants' robes from purchased fabric are classified in industry 2369. Knitting mills primarily engaged in manufacturing knit robes and dressing gowns are classified in industry 2253.

2385 Waterproof Outerwear

Establishments primarily engaged in manufacturing raincoats and other waterproof outerwear from purchased rubberized fabrics, plastics, and similar materials. Included in this industry are establishments primarily engaged in manufacturing waterproof or water-repellant outerwear from purchased woven or knit fabrics other than wool. Establishments primarily engaged in manufacturing men's and boys' oiled-fabric work clothing are classified in industry 2326, and those manufacturing vulcanized rubber clothing and clothing made from rubberized fabrics produced in the same establishment are classified in industry 3069.

2386 Leather and Sheep-Lined Clothing

Establishments primarily engaged in manufacturing leather and sheep-lined clothing. Establishments primarily engaged in manufacturing leather gloves and mittens are classified in industry 3151, and those manufacturing fur clothing are classified in industry 2371.

2387 Apparel Belts

Establishments primarily engaged in manufacturing apparel belts 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. Also included are establishments primarily engaged in manufacturing clothing by cutting and joining (for example, by adhesives) materials such as paper and nonwoven textiles.

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 2258, and those manufacturing shower curtains are classified in industry 2392.

2392 Housefurnishings, Except Curtains and Draperies

Establishments primarily engaged in manufacturing housefurnishings, such as blankets, bedspreads, sheets, tablecloths, towels, and shower curtains 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, 2231, or 2299 according to fiber.

2393 Textile Bags

Establishments primarily engaged in manufacturing shipping and other industrial bags from purchased fabrics. Establishments primarily engaged in manufacturing plastics bags are classified in industry 2673; those manufacturing laundry, wardrobe, shoe, and other textile housefurnishing bags are classified in industry 2392; and those manufacturing luggage are classified in industry 3161.

2394 Canvas and Related Products

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

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.

2396 Automotive Trimmings, Apparel Findings, and Related Products

Establishments primarily engaged in manufacturing automotive trimmings, apparel findings, and related products. Included in this industry are establishments primarily engaged in printing and stamping on fabric articles.

2397 Schiffli Machine Embroideries

Establishments primarily engaged in manufacturing Schiffli machine embroideries.

2399 Fabricated Textile Products, Not Elsewhere Classified

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

24 LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE

This major group includes establishments 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 related materials. 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 are classified in major group 39. Woodworking in connection with construction, in the nature of reconditioning and repair, or performed to individual order, is classified in nonmanufacturing industries. Establishments engaged in integrated operations of logging combined with sawmills, pulp mills, or other converting activity, with the logging not separately reported, are classified according to the primary product shipped.

241 LOGGING

2411 Logging

Establishments primarily engaged in cutting timber and in producing rough, round, hewn, or riven primary forest or wood raw materials, or in producing wood chips in the field. Independent contractors engaged in estimating or trucking timber, but who perform no cutting operations, are classified in nonmanufacturing industries. Establishments primarily engaged in the collection of bark, sap, gum, and other forest products are classified in Forestry, major group 08.

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 flitches 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 industry group 244; those manufacturing sash, doors, wood molding, window and door frames, and other fabricated millwork are classified in industry group 243; and those manufacturing hardwood dimension and flooring are classified in industry 2426.

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 are classified in industry 3552.

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.

243 MILLWORK, VENEER, PLYWOOD, AND STRUCTURAL WOOD MEMBERS

2431 Millwork

Establishments primarily engaged in manufacturing fabricated wood millwork, including wood millwork covered with materials such as metal and plastics. 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 for permanent installation are classified in industry 2434.

2434 Wood Kitchen Cabinets

Establishments primarily engaged in manufacturing wood kitchen cabinets and wood bathroom vanities, generally for permanent installation. Establishments primarily engaged in manufacturing free-standing cabinets and vanities are classified in major group 25. Establishments primarily engaged in building custom cabinets for individuals are classified in Retail Trade, industry 5712.

2435 Hardwood Veneer and Plywood

Establishments primarily engaged in producing commercial hardwood veneer 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 wood containers, such as fruit and vegetable baskets and wood boxes are classified in industry group 244.

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 wood containers such as fruit and vegetable baskets and wood boxes are classified in industry group 244.

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 wood buildings, sections, and panels are classified in industry 2452.

244 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 shook for nailed and lock corner boxes.

2448 Wood Pallets and Skids

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

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 are classified in industry 2429.

245 WOOD BUILDINGS AND MOBILE HOMES

2451 Mobile Homes

Establishments primarily engaged in manufacturing mobile homes and nonresidential mobile buildings. These units are generally more than 35 feet long, at least 8 feet wide, do not have facilities for storage of water or waste, and are equipped with wheels. 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 wood buildings not equipped with wheels are classified in industry 2452.

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.

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.

2493 Reconstituted Wood Products

Establishments primarily engaged in manufacturing reconstituted wood products. Important products of this industry are hardboard, particleboard, insulation board, medium density fiberboard, waferboard, and oriented strandboard.

2499 Wood Products, Not Elsewhere Classified

Establishments primarily engaged in manufacturing miscellaneous wood products, not elsewhere classified, and products from rattan, reed, splint, straw, veneer, veneer strips, wicker, and willow.

25 FURNITURE AND FIXTURES

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; those manufacturing wood kitchen cabinets are classified in industry 2434; those manufacturing cut stone and concrete furniture are classified in major group 32; those manufacturing laboratory and hospital furniture, except hospital beds, are classified in major group 38; those manufacturing beauty and barber shop furniture are classified in major group 39; and those engaged in woodworking to individual order or in the nature of reconditioning and repair are classified in nonmanufacturing industries.

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 engaged in manufacturing upholstered furniture are classified in industry 2512; those manufacturing reed, rattan, and similar furniture are classified in industry 2519; those manufacturing television,

radio, phonograph, and sewing machine cabinets are classified in industry 2517; and those manufacturing kitchen cabinets and bathroom vanities are classified in industry 2434.

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 Services, industry 7641, or Retail Trade, industry 5712. Establishments primarily engaged in manufacturing dual-purpose sleep furniture, such as convertible sofas 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.

2514 Metal Household Furniture

Establishments primarily engaged in manufacturing metal household furniture of a type commonly used in dwellings. Establishments primarily engaged in manufacturing dual-purpose sleep furniture, such as convertible sofas and chair beds, are classified in industry 2515, regardless of the material used in the frame.

2515 Mattresses, Foundations, and Convertible Beds

Establishments primarily engaged in manufacturing inner-spring mattresses, box spring mattresses, and noninner-spring 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 convertible sofas 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; those manufacturing individual wire springs are classified in industry 3495; and those manufacturing paddings and upholstery filling are classified in industry 2299.

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

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

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.

252 OFFICE FURNITURE

2521 Wood Office Furniture

Establishments primarily engaged in manufacturing office furniture, chiefly of wood.

2522 Office Furniture, Except Wood

Establishments primarily engaged in manufacturing office furniture, except furniture chiefly of wood. Establishments primarily engaged in manufacturing safes and vaults are classified in industry 3499.

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 those manufacturing concrete furniture are classified in industry 3272.

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

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

Establishments primarily engaged in manufacturing shelving, lockers, and office and store fixtures, plastics laminated fixture tops, and related fabricated products, chiefly of wood. Prefabricated partitions are included in this industry if designed to be attached to the floor and are classified in industry 2521 if designed to be free-standing or part of an office furniture panel system. Establishments primarily engaged in manufacturing refrigerated cabinets, showcases, and display cases are classified in industry 3585.

2542 Office and Store Fixtures, Partitions, Shelving, and Lockers, Except Wood

Establishments primarily engaged in manufacturing office and store fixtures, shelving, storage racks, lockers, and related fabricated products, chiefly of materials other than wood. Prefabricated partitions are included in this industry if designed to be attached to the floor and are classified in industry 2522 if designed to be free-standing or part of an office furniture panel system. Establishments primarily engaged in manufacturing refrigerated cabinets, showcases, and display cases are classified in industry 3585 and those manufacturing safes and vaults are classified in industry 3499.

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, except of canvas. Establishments primarily engaged in manufacturing canvas shades and awnings are classified in industry 2394.

2599 Furniture and Fixtures, Not Elsewhere Classified

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

26 PAPER AND ALLIED PRODUCTS

This major group includes establishments primarily engaged in 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. Also included are establishments primarily engaged in manufacturing bags of plastics film and sheet. Certain types of converted paper products are classified elsewhere, such as abrasive paper which is in industry 3291; carbon paper in industry 3955; and photosensitized and blueprint paper in industry 3861.

261 PULP MILLS

2611 Pulp Mills

Establishments primarily engaged in manufacturing pulp from wood or from other materials, such as rags, linters, wastepaper, and straw. Establishments engaged in integrated logging and pulp mill operations are classified according to the primary products shipped. Establishments engaged in integrated operations of producing pulp and manufacturing paper, paperboard, or products thereof are classified in industry 2621 if primarily shipping paper or paper products; in industry 2631 if primarily shipping paperboard or paperboard products; and in industry 2611 if primarily shipping pulp. Establishments primarily engaged in cutting pulpwood are classified in industry 2411.

262 PAPER MILLS

2621 Paper Mills

Establishments primarily engaged in manufacturing paper from wood pulp and other fiber pulp, and which may also manufacture converted paper products. Establishments

primarily engaged in integrated operations of producing pulp and manufacturing paper are included in this industry if primarily shipping paper or paper products. Establishments primarily engaged in manufacturing converted paper products from purchased paper stock are classified in industry group 265 or 267.

263 PAPERBOARD MILLS

2631 Paperboard Mills

Establishments primarily engaged in manufacturing paperboard, including paperboard coated on the paperboard machine, from wood pulp and other fiber pulp; and which may also manufacture converted paperboard products. Establishments primarily engaged in integrated operations of producing pulp and manufacturing paperboard are included in this industry if primarily shipping paperboard or paperboard products. Establishments primarily engaged in manufacturing converted paperboard products from purchased paperboard are classified in industry group 265 or 267. Establishments primarily engaged in manufacturing insulation board and other reconstituted wood fiberboard are classified in industry 2493.

265 PAPERBOARD CONTAINERS AND BOXES

2652 Setup Paperboard Boxes

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

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.

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.

2656 Sanitary Food Containers, Except Folding

Establishments primarily engaged in manufacturing non-folding food containers from special foodboard. Important products of this industry include fluid milk containers, round nested food containers, paper cups for hot or cold drinks, and stamped plates, dishes, spoons, and similar

products. Establishments primarily engaged in manufacturing similar items of plastics materials are classified in industry group 308 and those making folding sanitary cartons are classified in industry 2657.

2657 Folding Paperboard Boxes, Including Sanitary

Establishments primarily engaged in manufacturing folding paperboard boxes from purchased paperboard, including folding sanitary food boxes or cartons except milk cartons.

267 CONVERTED PAPER AND PAPERBOARD PRODUCTS, EXCEPT CONTAINERS AND BOXES

2671 Packaging Paper and Plastics Film, Coated and Laminated

Establishments primarily engaged in manufacturing coated or laminated flexible materials made of combinations of paper, plastics film, metal foil, and similar materials (excluding textiles) for packaging purposes. These are made from purchased sheet materials or plastics resins and may be printed in the same establishment. Establishments primarily engaged in manufacturing coated or laminated paper for other purposes are classified in industry 2672, including establishments manufacturing all gummed or pressure sensitive tape; those manufacturing unsupported plastics film are classified in industry 3081; those manufacturing aluminum foil are classified in industry 3497; and those manufacturing paper from pulp are classified in industry 2621.

2672 Coated and Laminated Paper, Not Elsewhere Classified

Establishments primarily engaged in manufacturing coated, laminated, or processed paper and film from purchased paper, except for packaging. Also included are establishments primarily manufacturing gummed paper products and pressure sensitive tape with backing of any material other than rubber, for any application. Establishments primarily engaged in manufacturing coated and laminated paper for packaging are classified in industry 2671; those manufacturing carbon paper are classified in industry 3955; and those manufacturing photographic and blueprint paper are classified in industry 3861.

2673 Plastics, Foil, and Coated Paper Bags

Establishments primarily engaged in manufacturing bags of unsupported plastics film, coated paper, metal foil, or laminated combinations of these materials, whether or not printed. Establishments primarily engaged in manufacturing uncoated paper bags and multiwall bags and sacks are classified in industry 2674; those manufacturing textile

bags are classified in industry 2393; and those manufacturing garment storage bags, except of plastics film and paper, are classified in industry 2392.

2674 Uncoated Paper and Multiwall Bags

Establishments primarily engaged in manufacturing uncoated paper bags, or manufacturing multiwall bags and sacks, whether or not coated or containing plastics film or metal foil. Establishments primarily engaged in manufacturing bags from plastics, unsupported film, foil, coated paper, or laminated or coated combinations of these materials, are classified in industry 2673; and those manufacturing textile bags are classified in industry 2393.

2675 Die-Cut Paper and Paperboard and Cardboard

Establishments primarily engaged in die-cutting purchased paper and paperboard; and in manufacturing cardboard by laminating, lining, or surface-coating paperboard. Establishments primarily engaged in laminating building paper from purchased paper are classified in industry 2679.

2676 Sanitary Paper Products

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

2677 Envelopes

Establishments primarily engaged in manufacturing envelopes of any description from purchased paper and paperboard. Establishments primarily engaged in manufacturing stationery are classified in industry 2678.

2678 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 2677.

2679 Converted Paper and Paperboard Products, Not Elsewhere Classified

Establishments primarily engaged in manufacturing miscellaneous converted paper or paperboard products, not elsewhere classified, from purchased paper or paperboard. Also included in this industry are pressed and molded pulp goods, such as papier-mache articles, other than statuary and art goods.

27 PRINTING, PUBLISHING, AND ALLIED INDUSTRIES

This major group includes establishments engaged in printing by one or more common processes, such as letterpress; lithography (including offset), gravure, or screen;

and those establishments which perform services for the printing trade, such as bookbinding and platemaking. 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 Services, industry 7383. Establishments primarily engaged in textile printing and finishing fabrics are classified in major group 22, and those engaged in printing and stamping on fabric articles are classified in industry 2396. Establishments manufacturing products that contain incidental printing, such as advertising or instructions, are classified according to the nature of the products for example, as cartons, bags, plastics film, or paper.

271 NEWSPAPERS: PUBLISHING, OR PUBLISHING AND PRINTING

2711 Newspapers: Publishing, or 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 newspapers for publishers, are classified in industry group 275. News syndicates are classified in Services, industry 7383.

272 PERIODICALS: PUBLISHING, OR PUBLISHING AND PRINTING

2721 Periodicals: Publishing, or Publishing and Printing

Establishments primarily engaged in publishing periodicals, or in 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 periodicals for publishers, are classified in industry group 275.

273 BOOKS

2731 Books: Publishing, or Publishing and Printing

Establishments primarily engaged in publishing, 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.

2732 Book Printing

Establishments primarily engaged in printing, 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.

274 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 classified in Division I, Services.

275 COMMERCIAL 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, or other products 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. Establishments primarily engaged in publishing or printing greeting cards are classified in industry 2771. Establishments primarily engaged in preparing lithographic or offset plates and in related services are classified in industry 2796. Establishments primarily engaged in providing photocopying services are classified in Services, industry 7334.

2754 Commercial Printing, Gravure

Establishments primarily engaged in gravure printing. Establishments primarily engaged in making and preparing plates for printing are classified in industry 2796.

2759 Commercial Printing, Not Elsewhere Classified

Establishments primarily engaged in commercial or job printing, not elsewhere classified. This industry includes general printing shops, not elsewhere classified, as well as shops specializing in printing newspapers and periodicals for others.

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.

277 GREETING CARDS

2771 Greeting Cards

Establishments primarily engaged in publishing, printing by any process, or both, of greeting cards for all occasions. Establishments primarily engaged in producing hand painted greeting cards are classified in Services, industry 8999.

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.

2789 Bookbinding and Related Work

Establishments primarily engaged in edition, trade, job, and library bookbinding. Also included in this industry are establishments primarily engaged in book or paper bronzing, gilding, and edging; in map and sample mounting; and in 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 industry group 273.

279 SERVICE INDUSTRIES FOR THE PRINTING TRADE

2791 Typesetting

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

2796 Platemaking and Related Services

Establishments primarily engaged in making plates for printing purposes and in related services. Also included are establishments primarily engaged in making positives or negatives from which offset lithographic plates are made. These establishments do not print from the plates which they make, but prepare them for use by others. Engraving for purposes other than printing is classified in industry 3479.

28 CHEMICALS AND ALLIED PRODUCTS

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; and (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 alkalies and other natural potassium, sodium, and boron compounds, of natural rock salt, and of other natural chemicals and fertilizers are classified in Mining, industry group 147. Establishments primarily engaged in manufacturing nonferrous metals and high percentage ferroalloys are classified in major group 33; those manufacturing silicon carbide are classified in major group 32; those manufacturing baking powder, other leavening compounds, and starches are classified in major group 20; and those manufacturing artists' colors are classified 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 Wholesale or Retail Trade industries.

281 INDUSTRIAL INORGANIC CHEMICALS

This industry group includes establishments primarily engaged in manufacturing basic industrial inorganic chemicals. Establishments primarily engaged in manufacturing formulated agricultural pesticides are classified in industry 2879; those manufacturing medicinal chemicals, drugs, and medicines are classified in industry group 283; and those manufacturing soap and cosmetics are classified in industry group 284.

2812 Alkalies and Chlorine

Establishments primarily engaged in manufacturing alkalies and chlorine. Establishments primarily engaged in mining natural alkalies are classified in Mining, industry 1474.

2813 Industrial Gases

Establishments primarily engaged in manufacturing industrial gases (including organic) for sale in compressed, liquid, and solid forms. Establishments primarily engaged in manufacturing fluorine and sulfur dioxide are classified in industry 2819; those manufacturing household ammonia are classified in industry 2842; those manufacturing other ammonia are classified in industry 2873; those manufacturing chlorine are classified in industry 2812; and those manufacturing fluorocarbon gases are classified in industry 2869. Distributors of industrial gases and establishments primarily engaged in shipping liquid oxygen are classified in Wholesale Trade, industry 5169.

2816 Inorganic Pigments

Establishments primarily engaged in manufacturing inorganic pigments. Important products of this industry include black pigments, except carbon black, white pigments, and

color pigments. Organic color pigments, except animal black and bone black, are classified in industry 2865, and those manufacturing carbon black are classified in industry 2895.

2819 Industrial Inorganic Chemicals, Not Elsewhere Classified

Establishments primarily engaged in manufacturing industrial inorganic chemicals, not elsewhere classified. 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; those manufacturing phosphoric acid are classified in industry 2874; and those manufacturing nitric acid, anhydrous ammonia, and other nitrogenous fertilizer materials are classified in industry 2873.

282 PLASTICS MATERIALS AND SYNTHETIC RESINS, SYNTHETIC RUBBER, CELLULOSIC AND OTHER MANMADE FIBERS, EXCEPT GLASS

This group includes chemical establishments primarily engaged in manufacturing plastics materials and synthetic resins, synthetic rubbers, and cellulosic and other manmade 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 plastics 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; miscellaneous resins, including polyamide resins, silicones, polyisobutylenes, polyesters, polycarbonate resins, acetal resins, and 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 group 308, whether from purchased resins or from resins produced in the same plant. Establishments primarily engaged in compounding purchased resins are classified in industry 3087. Establishments primarily manufacturing adhesives are classified in industry 2891.

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 percent butadiene are classified in industry 2821. Natural chlorinated rubbers and cyclized rubbers are considered as semifinished products and are classified in industry 3069.

2823 Cellulosic Manmade 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.

2824 Manmade Organic Fibers, Except Cellulosic

Establishments primarily engaged in manufacturing manmade 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.

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.

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. Included in this industry are 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.

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 ampoules, 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.

2835 In Vitro and In Vivo Diagnostic Substances

Establishments primarily engaged in manufacturing in vitro and in vivo diagnostic substances, whether or not packaged for retail sale. These materials are chemical, biological, and radioactive substances used in diagnosing or monitoring the state of human or veterinary health by identifying and measuring normal or abnormal constituents of body fluids or tissues.

2836 Biological Products, Except Diagnostic Substances

Establishments primarily engaged in the production of bacterial and virus vaccines, toxoids, and analogous products (such as allergenic extracts), serums, plasmas, and other blood derivatives for human or veterinary use, other than in vitro and in vivo diagnostic substances. Establishments primarily engaged in manufacturing in vitro and in vivo diagnostic substances are classified in industry 2835.

284 SOAP, DETERGENTS, AND CLEANING PREPARATIONS; PERFUMES, COSMETICS, AND OTHER TOILET PREPARATIONS

This industry 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 those manufacturing synthetic glycerin are classified in industry 2869.

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; nonpersonal deodorants; drycleaning preparations; household bleaches; and other sanitation preparations. Establishments primarily engaged in manufacturing industrial bleaches are classified in industry 2819, and those manufacturing household pesticidal preparations are classified in industry 2879.

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.

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 those manufacturing essential oils are classified in industry 2899.

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; those manufacturing bone black, lamp black, and inorganic color pigments are classified in industry 2816; those manufacturing organic color pigments are classified in industry 2865; those manufacturing plastics materials are classified in industry 2821; those manufacturing printing ink are classified in industry 2893; those manufacturing caulking compounds and sealants are classified in industry 2891; those manufacturing artists' paints are classified in industry 3952; and those manufacturing turpentine are classified in industry 2861.

286 INDUSTRIAL ORGANIC CHEMICALS

Establishments primarily engaged in manufacturing industrial organic chemicals. Important products of this group include: (1) noncyclic 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; (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; those manufacturing synthetic rubber are classified in industry 2822; those manufacturing essential oils are classified in industry 2899; those manufacturing rayon and other manmade fibers are classified in industries 2823 and 2824; those manufacturing specialty cleaning, polishing, and sanitation preparations are classified in industry 2842; those manufacturing paints are classified in industry 2851; and those manufacturing inorganic pigments are classified in industry 2816. Distillers 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 organic tanning materials are classified in industry 2869, and those manufacturing synthetic organic dyes are classified in industry 2865.

2865 Cyclic Organic Crudes and Intermediates, and Organic Dyes and Pigments

Establishments primarily engaged in manufacturing cyclic organic crudes and intermediates, and organic dyes and pigments. Important products of this industry include: (1) aromatic chemicals, such as benzene, toluene, mixed xylenes naphthalene; (2) synthetic organic dyes; and (3)

synthetic organic pigments. Establishments primarily engaged in manufacturing coal tar crudes in chemical recovery ovens are classified in industry 3312, and petroleum refineries which produce such products as byproducts of petroleum refining are classified in industry 2911.

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) aliphatic and other acyclic organic chemicals, such as ethylene, butylene, and butadiene; 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; those manufacturing synthetic rubber are classified in industry 2822; those manufacturing essential oils are classified in industry 2899; those manufacturing wood distillation products, naval stores and natural dyeing and tanning materials are classified in industry 2861; those manufacturing manmade textile fibers are classified in industries 2823 and 2824; those manufacturing specialty cleaning, polishing, and sanitation preparations are classified in industry 2842; those manufacturing paints are classified in industry 2851; those manufacturing urea are classified in industry 2873; those manufacturing organic pigments are classified in industry 2865; those manufacturing inorganic pigments are classified in industry 2816 and those manufacturing aliphatics and aromatics as byproducts of petroleum refining are classified in industry 2911. Distilleries engaged in the manufacture of grain alcohol for beverage purposes are classified in industry 2085.

287 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 industry groups 281 or 286.

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.

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; nitrophosphates; and calcium meta-phosphates.

2875 Fertilizers, Mixing Only

Establishments primarily engaged in mixing fertilizers from purchased 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 are classified in industry group 281 if the chemicals are inorganic and in industry group 286 if they are organic. Establishments primarily engaged in manufacturing agricultural lime products are classified in major group 32.

289 MISCELLANEOUS CHEMICAL PRODUCTS

2891 Adhesives and Sealants

Establishments primarily engaged in manufacturing industrial and household adhesives, glues, caulking 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 those manufacturing vegetable gelatin or agar-agar are classified in industry 2833.

2892 Explosives

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

2893 Printing Ink

Establishments primarily engaged in manufacturing printing ink, including gravure ink, screen process ink, and lithographic ink. Establishments primarily engaged in manufacturing writing ink and fluids are classified in industry 2899, and those manufacturing drawing ink are classified in industry 3952.

2895 Carbon Black

Establishments primarily engaged in manufacturing carbon black (channel and furnace black). Establishments primarily engaged in manufacturing bone and lamp black are classified in industry 2816.

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 ink, 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; those manufacturing dessert preparations based on gelatin are classified in industry 2099; those manufacturing printing ink are classified in industry 2893; and those manufacturing drawing ink are classified in industry 3952.

29 PETROLEUM REFINING AND RELATED INDUSTRIES

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 are classified in major group 33.

291 PETROLEUM REFINING

2911 Petroleum Refining

Establishments primarily engaged in producing gasoline, kerosene, distillate fuel oils, residual fuel oils, and lubricants, through fractionation or straight distillation of

crude oil, redistillation of unfinished petroleum derivatives, cracking or other processes. Establishments of this industry also produce aliphatic and aromatic chemicals as byproducts. 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. Establishments primarily engaged in manufacturing cyclic and acyclic organic chemicals are classified in major group 28.

295 ASPHALT PAVING AND ROOFING MATERIALS

2951 Asphalt Paving Mixtures and Blocks

Establishments primarily engaged in manufacturing asphalt and tar paving mixtures; and paving blocks made of asphalt 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.

2952 Asphalt Felts and Coatings

Establishments primarily engaged in manufacturing, from purchased materials, 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 those manufacturing linoleum and tile cement are classified in industry 2891.

299 MISCELLANEOUS PRODUCTS OF PETROLEUM AND COAL

2992 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.

2999 Products of Petroleum and Coal, Not Elsewhere Classified

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

30 RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS

This major group includes establishments manufacturing products, not elsewhere classified, from plastics resins and from natural, synthetic, or reclaimed rubber, gutta

percha, balata, or gutta siak. Numerous products made from these materials are included in other major groups, such as boats in major group 37, and toys, buckles, and buttons in major group 39. This group includes establishments primarily manufacturing tires, but establishments primarily recapping and retreading automobile tires are classified in Services, industry 7534. Establishments primarily engaged in manufacturing synthetic rubber and synthetic plastics resins are classified in industry group 282.

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; camelback; and tire repair and retreading materials. Establishments primarily engaged in retreading tires are classified in Services, industry 7534.

302 RUBBER AND PLASTICS FOOTWEAR

3021 Rubber and Plastics Footwear

Establishments primarily engaged in manufacturing fabric upper footwear having rubber or plastics soles vulcanized, injection molded, or cemented to the uppers, and rubber and plastics protective footwear. 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; those manufacturing plastics soles and soling strips are classified in industry 3089; and those manufacturing other footwear of rubber or plastics are classified in industry group 314.

305 GASKETS, PACKING, AND SEALING DEVICES AND RUBBER AND PLASTICS HOSE AND BELTING

3052 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 group 306; those manufacturing plastics tubing are classified in industry 3082; and those manufacturing flexible metallic hose are classified in industry 3599.

3053 Gaskets, Packing, and Sealing Devices

Establishments primarily engaged in manufacturing gaskets, gasketing materials, compression packings, mold packings, oil seals, and mechanical seals. Included are gaskets, packing, and sealing devices made of leather, rubber, metal, asbestos, and plastics.

306 FABRICATED RUBBER PRODUCTS, NOT ELSEWHERE CLASSIFIED

3061 Molded, Extruded, and Lathe-Cut Mechanical Rubber Goods

Establishments primarily engaged in manufacturing molded, extruded, and lathe-cut mechanical rubber goods. The products are generally parts for machinery and equipment. Establishments primarily engaged in manufacturing other industrial rubber goods, rubberized fabric, and miscellaneous rubber specialties and sundries are classified in industry 3069.

3069 Fabricated Rubber Products, Not Elsewhere Classified

Establishments primarily engaged in manufacturing industrial rubber goods, rubberized fabrics, and vulcanized rubber clothing, and miscellaneous rubber specialties and sundries, not elsewhere classified. Included in this industry are establishments primarily engaged in reclaiming rubber and rubber articles. Establishments primarily engaged in the wholesale distribution of scrap rubber are classified in Wholesale Trade, industry 5093. Establishments primarily engaged in rebuilding and retreading tires are classified in Services, industry 7534; those manufacturing rubberized clothing from purchased materials are classified in industry 2385; and those manufacturing gaskets and packing are classified in industry 3053.

308 MISCELLANEOUS PLASTICS PRODUCTS

3081 Unsupported Plastics Film and Sheet

Establishments primarily engaged in manufacturing unsupported plastics film and sheet, from purchased resins or from resins produced in the same plant. Establishments primarily engaged in manufacturing plastics film and sheet for blister and bubble formed packaging are classified in industry 3089.

3082 Unsupported Plastics Profile Shapes

Establishments primarily engaged in manufacturing unsupported plastics profiles, rods, tubes, and other shapes. Establishments primarily engaged in manufacturing plastics hose are classified in industry 3052.

3083 Laminated Plastics Plate, Sheet, and Profile Shapes

Establishments primarily engaged in manufacturing laminated plastics plate, sheet, profiles, rods, and tubes. Establishments primarily engaged in manufacturing laminated flexible packaging are classified in industry group 267.

3084 Plastics Pipe

Establishments primarily engaged in manufacturing plastics pipe. Establishments primarily engaged in manufacturing plastics pipe fittings are classified in industry 3089.

3085 Plastics Bottles

Establishments primarily engaged in manufacturing plastics bottles.

3086 Plastics Foam Products

Establishments primarily engaged in manufacturing plastics foam products.

3087 Custom Compounding of Purchased Plastics Resins

Establishments primarily engaged in custom compounding of purchased plastics resins.

3088 Plastics Plumbing Fixtures

Establishments primarily engaged in manufacturing plastics plumbing fixtures. Establishments primarily engaged in assembling plastics plumbing fixture fittings are classified in industry 3432. Establishments primarily engaged in manufacturing plastics plumbing fixture components are classified in industry 3089.

3089 Plastics Products, Not Elsewhere Classified

Establishments primarily engaged in manufacturing plastics products, not elsewhere classified. Establishments primarily engaged in manufacturing artificial leather are classified in industry 2295.

31 LEATHER AND LEATHER PRODUCTS

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

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.

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.

314 FOOTWEAR, EXCEPT RUBBER

3142 House Slippers

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

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, and those manufacturing orthopedic extension shoes are classified in industry 3842.

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, and those manufacturing orthopedic extension shoes are classified in industry 3842.

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, and infants' footwear and athletic footwear. Establishments primarily engaged in the production of rubber or plastics footwear are classified in industry 3021, and those manufacturing orthopedic extension shoes are classified in industry 3842.

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; those manufacturing dress, semidress, and work gloves and mittens of cloth or cloth and leather combined are classified in industry 2381; and those manufacturing safety gloves are classified in industry 3842.

316 LUGGAGE

3161 Luggage

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

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. Establishments primarily engaged in manufacturing precious metal handbags and purses are classified in industry 3911.

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

Establishments primarily engaged in manufacturing small articles normally carried on the person or in a handbag, such as billfolds, key cases, and coin purses of leather or other materials, except precious metal. Establishments primarily engaged in manufacturing similar personal goods of precious metals are classified in industry 3911.

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, harnesses, whips, embossed leather goods, leather desk sets, razor strops, and leather belting. Establishments primarily engaged in manufacturing gaskets and packing are classified in industry 3053. Establishments primarily engaged in manufacturing leather and sheep-lined clothing are classified in industry 2386.

32 STONE, CLAY, GLASS, AND CONCRETE PRODUCTS

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, and other products 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, Mining. 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, Mining.

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.

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 made 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.

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 manufacturing fiber optic cables are classified in industry 3357, and those manufacturing fiber optic medical devices are classified in industry group 384. 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 3827. Establishments primarily engaged in manufacturing glass containers are classified in industry 3221, and those manufacturing complete electric light bulbs are classified in industry 3641.

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, except ophthalmic, are classified in industry 3827, and those manufacturing ophthalmic lenses are classified in industry 3851.

324 CEMENT, HYDRAULIC

3241 Cement, Hydraulic

Establishments primarily engaged in manufacturing hydraulic cement, including portland, natural, masonry, and pozzolana cements.

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; those manufacturing nonclay firebrick are classified in industry 3297; those manufacturing sand lime brick are classified in industry 3299; and those manufacturing glass brick are classified in industry 3229.

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 those manufacturing drain tile are classified in industry 3259.

3255 Clay Refractories

Establishments primarily engaged in manufacturing clay firebrick and other heat resisting clay products. Establishments primarily engaged in manufacturing nonclay refractories and all graphite refractories, whether of carbon bond or ceramic bond, are classified in industry 3297.

3259 Structural Clay Products, Not Elsewhere Classified

Establishments primarily engaged in manufacturing clay sewer pipe and structural clay products, not elsewhere classified.

326 POTTERY AND RELATED PRODUCTS

3261 Vitreous China Plumbing Fixtures and China and Earthenware Fittings and Bathroom Accessories

Establishments primarily engaged in manufacturing vitreous china plumbing fixtures and china and earthenware fittings and bathroom accessories.

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) earthenware (whiteware) table and kitchen articles are classified in industry 3263.

3263 Fine Earthenware (Whiteware) Table and Kitchen Articles

Establishments primarily engaged in manufacturing fine (semivitreous) 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.

3264 Porcelain Electrical Supplies

Establishments primarily engaged in manufacturing porcelain electronic and other electrical insulators, molded porcelain parts for electrical devices, spark plug and steatitic porcelain, and electronic and electrical supplies from clay and other ceramic materials.

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.

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 Division C, Construction, and establishments primarily engaged in mixing and delivering ready-mixed concrete are classified in industry 3273.

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 Division C, Construction, and establishments primarily engaged in mixing and delivering ready-mixed concrete are classified in industry 3273.

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 truck-mixed concrete.

3274 Lime

Establishments primarily engaged in manufacturing quicklime, hydrated lime, and "dead-burned" dolomite from limestone, dolomite shells, or other substances.

3275 Gypsum Products

Establishments primarily engaged in manufacturing plaster, plasterboard, and other products composed wholly or chiefly of gypsum, except articles of plaster of paris and papier-mache.

328 CUT STONE AND STONE PRODUCTS

3281 Cut Stone and Stone Products

Establishments primarily engaged in cutting, shaping, and finishing granite, marble, limestone, 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 Division F, Wholesale Trade or Division G, Retail Trade. The cutting of grindstones, pulpstones, and whetstones at the quarry is classified in Division B, Mining.

329 ABRASIVE, ASBESTOS, AND MISCELLANEOUS NONMETALLIC MINERAL PRODUCTS

3291 Abrasive Products

Establishments primarily engaged in manufacturing abrasive grinding wheels of natural or synthetic materials, abrasive-coated products, and other abrasive products. The cutting of grindstones, pulpstones, and whetstones at the quarry is classified in Division B, Mining .

3292 Asbestos Products

Establishments primarily engaged in manufacturing asbestos textiles, asbestos building materials, except asbestos paper, insulating materials for covering boilers and pipes, and other products composed wholly or chiefly of asbestos. Establishments primarily engaged in manufacturing asbestos paper are classified in industry 2621, and those manufacturing gaskets and packing are classified in industry 3053.

3295 Minerals and Earths, Ground or Otherwise Treated

Establishments operating without a mine or quarry and primarily engaged in 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 by those of industry 1479 mining barite. 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 Division B, Mining, whether or not the operation is associated with a mine.

3296 Mineral Wool

Establishments primarily engaged in manufacturing mineral wool and mineral wool insulation products made of such siliceous materials as rock, slag, and glass, or combinations thereof. Establishments primarily engaged in manufacturing asbestos insulation products are classified in industry 3292, and those manufacturing textile glass fibers are classified in industry 3229.

3297 Nonclay Refractories

Establishments primarily engaged in manufacturing refractories and crucibles made of materials other than clay. This industry 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.

3299 Nonmetallic Mineral Products, Not Elsewhere Classified

Establishments primarily engaged in the factory production of goods made of plaster of paris and papier-mache, and in manufacturing sand lime products and other nonmetallic mineral products, not elsewhere classified.

33 PRIMARY METAL INDUSTRIES

This major group includes establishments engaged in smelting and refining ferrous and nonferrous metals from ore, pig, or scrap; in rolling, drawing, and alloying metals; in manufacturing castings and other basic metal products; and in manufacturing nails, spikes, and insulated wire and cable. This major group includes the production of coke. Establishments primarily engaged in manufacturing metal forgings or stampings are classified in industry group 346.

331 STEEL WORKS, BLAST FURNACES, AND ROLLING AND FINISHING MILLS

3312 Steel Works, Blast Furnaces (Including Coke Ovens), and Rolling Mills

Establishments primarily engaged in manufacturing hot metal, pig iron, and silvery pig iron 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.

3313 Electrometallurgical Products, Except Steel

Establishments primarily engaged in manufacturing ferro and nonferrous metal additive alloys by electrometallurgical or metallothermic processes, including high percentage ferroalloys and high percentage nonferrous additive alloys. Establishments primarily engaged in manufacturing electrometallurgical steel are classified in industry 3312.

3315 Steel Wiredrawing 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 industry group 335.

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.

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.

332 IRON AND STEEL FOUNDRIES

This industry 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 and assembling, 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 that are classified in other industries and that operate foundry departments for the production of castings for incorporation, in the same establishment, into such products as stoves, furnaces, plumbing fixtures, and motor vehicles. 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 industry group 336.

3321 Gray and Ductile Iron Foundries

Establishments primarily engaged in manufacturing gray and ductile iron castings, including cast iron pressure and soil pipes and fittings.

3322 Malleable Iron Foundries

Establishments primarily engaged in manufacturing malleable iron castings.

3324 Steel Investment Foundries

Establishments primarily engaged in manufacturing steel investment castings.

3325 Steel Foundries, Not Elsewhere Classified

Establishments primarily engaged in manufacturing steel castings, not elsewhere classified.

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.

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 industry group 335.

3339 Primary Smelting and Refining of Nonferrous Metals, Except Copper and Aluminum

Establishments primarily engaged in smelting and refining nonferrous metals, except copper and aluminum. 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 Division B, Mining.

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 or in producing alloys from purchased refined metals. 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 Wholesale Trade, industry 5093.

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.

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.

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.

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.

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 and aluminum. The products of this industry are 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; those manufacturing gold, silver, tin, and other foils, except aluminum, are classified in industry 3497; and those manufacturing aluminum foil are classified in industry 3353.

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. Also included are establishments primarily engaged in manufacturing insulated fiber optic cable. Establishments primarily engaged in manufacturing glass fiber optic materials are classified in industry 3229, and those manufacturing fabricated wire products from purchased wire are classified in industry 3496.

336 NONFERROUS FOUNDRIES (CASTINGS)

This industry 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 and assembling, 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 and motor vehicles. Establishments primarily engaged in manufacturing iron and steel castings are classified in industry group 332.

3363 Aluminum Die-Castings

Establishments primarily engaged in manufacturing die-castings of aluminum (including alloys).

3364 Nonferrous Die-Castings, Except Aluminum

Establishments primarily engaged in manufacturing nonferrous metal die-castings, except aluminum.

3365 Aluminum Foundries

Establishments primarily engaged in manufacturing aluminum (including alloys) castings, except die-castings.

3366 Copper Foundries

Establishments primarily engaged in manufacturing copper (including alloys) castings, except die-castings.

3369 Nonferrous Foundries, Except Aluminum and Copper

Establishments primarily engaged in manufacturing nonferrous metal castings (including alloys), except all die-castings and other castings of aluminum or copper.

339 MISCELLANEOUS PRIMARY METAL PRODUCTS

3398 Metal Heat Treating

Establishments primarily engaged in heat treating of metal for the trade.

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.

34 FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND TRANSPORTATION EQUIPMENT

This major group includes establishments engaged in fabricating ferrous and nonferrous metal products, such as metal cans, tinware, handtools, 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.

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 industry 3497.

3412 Metal Shipping Barrels, Drums, Kegs, and Pails

Establishments primarily engaged in manufacturing metal shipping barrels, drums, kegs, and pails.

342 CUTLERY, HANDTOOLS, AND GENERAL HARDWARE

3421 Cutlery

Establishments primarily engaged in manufacturing safety razors, razor blades, scissors, shears, and other cutlery of metal, except precious metal and table cutlery with handles of metal. Establishments primarily engaged in manufacturing precious metal cutlery and table cutlery with handles of metal are classified in industry 3914; those manufacturing electric razors, knives, or scissors are classified in industry 3634; those manufacturing hair clippers for human use are classified in industry 3999 and for animal use in industry 3523; and those manufacturing power hedge shears and trimmers are classified in industry 3524.

3423 Hand and Edge Tools, Except Machine Tools and Handsaws

Establishments primarily engaged in manufacturing files and other hand and edge tools for metalworking, woodworking, and general maintenance. Establishments primarily engaged in manufacturing handsaws and saw blades are classified in industry 3425; and those manufacturing metal cutting dies, power driven handtools, and attachments and accessories for machine tools are classified in major group 35.

3425 Saw Blades and Handsaws

Establishments primarily engaged in manufacturing handsaws and saw blades for hand and power driven saws. Establishments primarily engaged in manufacturing power driven sawing machines are classified in major group 35.

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; those manufacturing nails and spikes are classified in major group 33; those manufacturing cutlery are classified in industry 3421; those manufacturing handtools are classified in industry 3423; and those manufacturing pole line and transmission hardware are classified in industry group 364.

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 plastics plumbing fixtures are classified in industry 3088; those manufacturing vitreous and semivitreous pottery sanitary ware are classified in industry 3261; and those manufacturing porcelain enameled kitchen, household, and hospital ware are classified in industry 3469.

3432 Plumbing Fixture Fittings and Trim

Establishments primarily engaged in manufacturing metal plumbing fixture fittings and trim. Also included in this industry are establishments engaged in the assembly of plastics components into plumbing fixture fittings. Establishments primarily engaged in the manufacture of stream or water line valves are classified in industry group 349. Establishments primarily engaged in manufacturing china and earthenware plumbing fixture fittings are classified in industry 3261, and those manufacturing plastics plumbing fixture components are classified in industry 3089.

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 are classified in industry 3631; boiler shops primarily engaged in the production of industrial, power, and marine boilers are classified in industry 3443; and those manufacturing industrial process furnaces and ovens are classified in industry 3567.

344 FABRICATED STRUCTURAL METAL PRODUCTS

3441 Fabricated Structural Metal

Establishments primarily engaged in fabricating 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, Construction.

3442 Metal Doors, Sash, Frames, Molding, and Trim

Establishments primarily engaged in manufacturing ferrous and nonferrous metal doors, sash, window and door frames and screens, molding, and trim. Establishments primarily engaged in manufacturing metal covered wood doors, windows, sash, door frames, molding, and trim are classified in industry 2431.

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 3585; those manufacturing other nonelectric heating apparatus, except power boilers, are classified in industry 3433; those manufacturing household cooking apparatus are classified in industry 3631; and those manufacturing industrial process furnaces and ovens are classified in industry 3567.

3444 Sheet Metalwork

Establishments primarily engaged in manufacturing sheet metalwork for buildings (not including fabrication work done by construction contractors at the place of construction), and manufacturing stovepipes, light tanks, and other products of sheet metal.

3446 Architectural and Ornamental Metalwork

Establishments primarily engaged in manufacturing architectural and ornamental metalwork, 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 fences and gates from purchased wire are classified in industry 3496; those manufacturing prefabricated metal buildings and parts are classified in industry 3448; and those manufacturing miscellaneous metalwork are classified in industry 3449.

3448 Prefabricated Metal Buildings and Components

Establishments primarily engaged in manufacturing portable and other prefabricated metal buildings and parts and prefabricated exterior metal panels.

3449 Miscellaneous Structural Metalwork

Establishments primarily engaged in manufacturing miscellaneous structural metalwork, such as metal plaster bases, fabricated bar joists, and concrete reinforcing bars. Also included in this industry are establishments primarily engaged in custom roll forming of 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 included in this industry may perform assembly of some parts manufactured in the same establishment, but establishments primarily engaged in producing assembled components are classified according to the nature of the components. 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.

3452 Bolts, Nuts, Screws, Rivets, and Washers

Establishments primarily engaged in manufacturing metal 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; establishments primarily engaged in manufacturing screw machine products are classified in industry 3451; and those manufacturing plastics fasteners are classified in industry 3089.

346 METAL FORGINGS AND STAMPINGS

This industry 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. Establishments further processing forgings or stampings are classified according to the particular product or process.

3462 Iron and Steel Forgings

Establishments primarily engaged in manufacturing iron and steel forgings, with or without the use of dies.

3463 Nonferrous Forgings

Establishments primarily engaged in manufacturing nonferrous forgings, with or without the use of dies.

3465 Automotive Stampings

Establishments primarily engaged in manufacturing automotive stampings, such as body parts, hubs, and trim.

3466 Crowns and Closures

Establishments primarily engaged in manufacturing metal crowns and closures.

3469 Metal Stampings, Not Elsewhere Classified

Establishments primarily engaged in manufacturing metal stampings and spun products, not elsewhere classified, including porcelain enameled products. Products of this industry include household appliance housings and parts; cooking and kitchen utensils; and other nonautomotive job stampings.

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. Also included in this industry are establishments which perform these types of activities, on their own account, on purchased metals or formed products. Establishments that both manufacture and finish products are classified according to the products.

3479 Coating, Engraving, and Allied Services, Not Elsewhere Classified

Establishments primarily engaged in performing the following types of services on metals, for the trade: (1) enameling, lacquering, and varnishing metal products; (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 purposes other than printing; and (4) other metal services, not elsewhere classified. Also included in this industry are establishments which perform these types of activities on their own account on purchased metals or formed products. Establishments that both manufacture and finish products are classified according to the products.

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) or less. Establishments primarily engaged in manufacturing ammunition, except for small arms, are classified in industry 3483; those manufacturing blasting and detonating caps and safety fuses are classified in industry 2892; and those manufacturing fireworks are classified in industry 2899.

3483 Ammunition, Except for Small Arms

Establishments primarily engaged in manufacturing ammunition, not elsewhere classified, or in loading and assembling ammunition more than 30 mm (or more than 1.18 inch), 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; those manufacturing explosives are classified in industry 2892; and those manufacturing military pyrotechnics are classified in industry 2899.

3484 Small Arms

Establishments primarily engaged in manufacturing small firearms having a bore 30 mm (or 1.18 inch) or less, and parts for small firearms. Also included in this industry are establishments primarily engaged in manufacturing certain weapons more than 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 more than 30 mm (or more than 1.18 inch), and component parts, are classified in industry 3489.

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 more than 30 mm (or more than 1.18 inch), and components. Establishments primarily engaged in manufacturing small arms and parts 30 mm (or 1.18 inch) or less are classified in industry 3484; those manufacturing tanks are classified in industry 3795; and those manufacturing guided missiles are classified in industry group 376.

349 MISCELLANEOUS FABRICATED METAL PRODUCTS

3491 Industrial Valves

Establishments primarily engaged in manufacturing industrial valves. Establishments primarily engaged in manufacturing fluid power valves are classified in industry 3492; those manufacturing plumbing fixture fittings and trim are classified in industry 3432; and those manufacturing plumbing and heating valves are classified in industry 3494.

3492 Fluid Power Valves and Hose Fittings

Establishments primarily engaged in manufacturing hydraulic and pneumatic valves, hose and tube fittings, and hose assemblies for fluid power systems. Establishments primarily engaged in manufacturing fluid power cylinders are classified in industry 3593; those manufacturing fluid power pumps are classified in industry 3594; and those manufacturing hydraulic intake and exhaust motor vehicle valves are classified in industry 3592.

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.

3494 Valves and Pipe Fittings, Not Elsewhere Classified

Establishments primarily engaged in manufacturing metal valves and pipe fittings, not elsewhere classified, such as plumbing and heating valves, and pipe fittings, flanges, and unions, except from purchased pipes. Establishments primarily engaged in manufacturing plastics pipe fittings are classified in industry 3089; those manufacturing plumbing fixture fittings and trim are classified in industry 3432; and those manufacturing fittings and couplings for garden hose are classified in industry 3429. Establishments primarily engaged in manufacturing fluid power valves are classified in industry 3492, and those manufacturing other industrial valves are classified in industry 3491. Establishments primarily engaged in fabricating pipe fittings from purchased metal pipe by processes such as cutting, threading, and bending are classified in industry 3498.

3495 Wire Springs

Establishments primarily engaged in manufacturing wire springs from purchased wire. Establishments primarily engaged in assembling wire bedsprings or seats are classified in major group 25.

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 primarily engaged in manufacturing steel nails and spikes from purchased wire or rod are classified in industry 3315; those manufacturing nonferrous wire nails and spikes from purchased wire or rod are classified in industry 3399; those drawing and insulating nonferrous wire are classified in industry 3357; and those manufacturing wire springs are classified in industry 3495.

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.

3498 Fabricated Pipe and Pipe Fittings

Establishments primarily engaged in fabricating pipe and pipe fittings from purchased metal pipe, by processes such as cutting, threading, and bending. 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; those manufacturing welded and heavy riveted pipe and seamless steel pipe are classified in industry 3317; and those manufacturing products such as banisters, railings, and guards from pipe are classified in industry 3446.

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 burial vaults are classified in industry 3272, and metal burial vaults are classified in industry 3995. Establishments primarily engaged in manufacturing advertising novelties are classified in industry 3993.

35 INDUSTRIAL AND COMMERCIAL MACHINERY AND COMPUTER EQUIPMENT

This major group includes establishments engaged in manufacturing industrial and commercial machinery and equipment and computers. Included are the manufacture of engines and turbines; farm and garden machinery; construction, mining, and oil field machinery; elevators and conveying equipment; hoists, cranes, monorails, and industrial trucks and tractors; metalworking machinery; special industry machinery; general industrial machinery; computer and peripheral equipment and office machinery; and refrigeration and service industry machinery. Machines powered by built-in or detachable motors ordinarily are included in this major group, with the exception of electrical household appliances. Power-driven handtools are included in this major group, whether electric or otherwise driven. Establishments primarily engaged in manufacturing electrical equipment are classified in major group 36, and those manufacturing handtools, except powered, are classified in major group 34.

351 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; and complete steam, gas, and hydraulic turbine generator set units. Also included in this industry are the manufacture of wind and solar powered turbine generators and windmills for generating electric power. Establishments primarily engaged in manufacturing nonautomotive type generators are classified in industry 3621; those manufacturing

aircraft turbines are classified in industry 3724; and those manufacturing windmill heads and towers for pumping water for agricultural use are classified in industry 3523.

3519 Internal Combustion Engines, Not Elsewhere Classified

Establishments primarily engaged in manufacturing diesel, semidiesel, 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, and those manufacturing automotive engines, except diesel, are classified in industry 3714.

352 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. Included in this industry are establishments primarily engaged in manufacturing commercial mowing and other turf and grounds care equipment. Establishments primarily engaged in manufacturing farm handtools are classified in industry group 342, and those manufacturing garden tractors, lawnmowers and other lawn and garden equipment are classified in industry 3524.

3524 Lawn and Garden Tractors and Home Lawn and Garden Equipment

Establishments primarily engaged in manufacturing lawnmowers, lawn and garden tractors, and other lawn and garden equipment used for home lawn and garden care. Also included are establishments primarily engaged in manufacturing snowblowers and throwers for residential use. Establishments primarily engaged in manufacturing farm machinery and equipment (including commercial mowing and other turf and grounds care equipment) are classified in industry 3523; those manufacturing hand lawn and garden shears and pruners are classified in industry 3421; and those manufacturing other garden handtools are classified in industry 3423.

353 CONSTRUCTION, MINING, AND MATERIALS HANDLING MACHINERY AND EQUIPMENT

3531 Construction Machinery and Equipment

Establishments primarily engaged in manufacturing heavy machinery and equipment of a type used primarily by the construction industries, such as bulldozers; concrete mixers; cranes, except industrial plant overhead and truck-type cranes; dredging machinery; pavers; and power shovels. Also included in this industry are establishments

primarily engaged in manufacturing forestry equipment and certain specialized equipment, not elsewhere classified, similar to that used by the construction industries, such as elevating platforms, ship cranes and capstans, aerial work platforms, and automobile wrecker hoists. Establishments primarily engaged in manufacturing mining equipment are classified in industry 3532; those manufacturing well-drilling machinery are classified in industry 3533; those manufacturing industrial plant overhead traveling cranes are classified in industry 3536; and those manufacturing industrial truck-type cranes are classified in industry 3537.

3532 Mining Machinery and Equipment, Except Oil and Gas 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; those manufacturing well-drilling machinery are classified in industry 3533; and those manufacturing coal and ore conveyors are classified in industry 3535.

3533 Oil and Gas Field Machinery and Equipment

Establishments primarily engaged in manufacturing machinery and equipment for use in oil and gas fields or for drilling water wells, including portable drilling rigs. Establishments primarily engaged in manufacturing offshore oil and gas well drilling and production platforms are classified in industry 3731.

3534 Elevators and Moving Stairways

Establishments primarily engaged in manufacturing passenger or freight elevators, automobile lifts, dumbwaiters, and moving stairways. Establishments primarily engaged in manufacturing commercial conveyor systems and equipment are classified in industry 3535, and those manufacturing farm elevators are classified in industry 3523.

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 farm elevators and conveyors are classified in industry 3523; those manufacturing passenger or freight elevators, dumbwaiters, and moving stairways are classified in industry 3534; and those manufacturing overhead traveling cranes and monorail systems are classified in industry 3536.

3536 Overhead Traveling Cranes, Hoists, and Monorail Systems

Establishments primarily engaged in manufacturing overhead traveling cranes, hoists, and monorail systems for installation in factories, warehouses, marinas, and other industrial and commercial establishments. Establishments primarily engaged in manufacturing cranes except industrial types, automobile wrecker hoists, and aerial work platforms are classified in industry 3531, and those manufacturing aircraft loading hoists are classified in industry 3537.

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, airports, and terminals. Establishments primarily engaged in manufacturing motor vehicles and motor vehicle type trailers are classified in industry group 371; those manufacturing farm type wheel tractors are classified in industry 3523; those manufacturing tractor shovel loaders and tracklaying tractors are classified in industry 3531; and those manufacturing wood pallets and skids are classified in industry 2448.

354 METALWORKING MACHINERY AND EQUIPMENT

3541 Machine Tools, Metal Cutting Types

Establishments primarily engaged in manufacturing metal cutting type machine tools, 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. Also included in this industry are metalworking machine tools designed primarily for home workshops. Establishments primarily engaged in the manufacture of electric and gas welding and soldering equipment are classified in industry 3548, and those manufacturing portable power-driven handtools are classified in industry 3546.

3542 Machine Tools, Metal Forming Types

Establishments primarily engaged in manufacturing metal forming machine tools, 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 the rebuilding of such machine tools and the manufacture of repair parts for them. Establishments primarily engaged in the manufacture of electric and gas welding equipment and soldering equipment are classified in industry 3548; those manufacturing portable

power-driven handtools are classified in industry 3546; and those manufacturing rolling mill machinery and equipment are classified in industry 3547.

3543 Industrial Patterns

Establishments primarily engaged in manufacturing industrial patterns.

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; diesets 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, plastics working, glass working and similar machinery are also included. Establishments primarily engaged in manufacturing molds for heavy steel ingots are classified in industry 3321, and those manufacturing cutting dies, except metal cutting, are classified in industry 3423.

3545 Cutting Tools, Machine Tool Accessories, and Machinists' Precision Measuring Devices

Establishments primarily engaged in manufacturing cutting tools, machinists' precision measuring tools, and attachments and accessories for machine tools and for other metalworking machinery, not elsewhere classified. Establishments primarily engaged in manufacturing handtools, except power-driven types, are classified in industry group 342.

3546 Power-Driven Handtools

Establishments primarily engaged in manufacturing power-driven handtools, such as drills and drilling tools, pneumatic and snagging grinders, and electric hammers. Establishments primarily engaged in manufacturing metal cutting type and metal forming type machines (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 handtools are classified in industry group 353.

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.

3548 Electric and Gas Welding and Soldering Equipment

Establishments primarily engaged in manufacturing electric and gas welding and soldering equipment and accessories. Also included are establishments primarily engaged in coating welding wire from purchased wire or from wire drawn in the same establishment. Establishments primarily engaged in manufacturing handheld soldering irons are classified in industry 3423, and those manufacturing electron beam, ultrasonic, and laser welding equipment are classified in industry 3699.

3549 Metalworking Machinery, Not Elsewhere Classified

Establishments primarily engaged in manufacturing metalworking machinery, not elsewhere classified. Establishments primarily engaged in manufacturing automotive maintenance equipment are classified in industry 3559.

355 SPECIAL INDUSTRY MACHINERY, EXCEPT METALWORKING MACHINERY

3552 Textile Machinery

Establishments primarily engaged in manufacturing machinery for the textile industries, including parts, attachments, and accessories. Establishments primarily engaged in manufacturing industrial sewing machines are classified in industry 3559, and those manufacturing household sewing machines are classified in industry 3639.

3553 Woodworking Machinery

Establishments primarily engaged in manufacturing machinery for sawmills, for making particleboard and similar products, and for otherwise working or producing wood products. Establishments primarily engaged in manufacturing handtools such as planes, axes, drawknives, and handsaws are classified in industry group 342, and those manufacturing portable power-driven handtools in industry 3546.

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.

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.

3556 Food Products Machinery

Establishments primarily engaged in manufacturing machinery for use by the food products and beverage manufacturing industries and similar machinery for use in manufacturing animal foods. Establishments primarily engaged in manufacturing food packaging machinery are classified in industry 3565, and those manufacturing industrial refrigeration machinery are classified in industry group 358.

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, clayworking, 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, and industrial sewing machines, and automotive maintenance machinery and equipment.

356 GENERAL INDUSTRIAL MACHINERY AND EQUIPMENT

3561 Pumps and Pumping Equipment

Establishments primarily engaged in manufacturing pumps and pumping equipment for general industrial, commercial, or household use, except fluid power pumps and motors. Included are establishments primarily engaged in manufacturing domestic water and sump pumps. Establishments primarily engaged in manufacturing fluid power pumps and motors are classified in industry 3594; those manufacturing measuring and dispensing pumps for gasoline service station use are classified in industry 3586; those manufacturing vacuum pumps, except laboratory, are classified in industry 3563; those manufacturing laboratory vacuum pumps are classified in industry 3821; and those manufacturing pumps for motor vehicles are classified in industry 3714.

3562 Ball and Roller Bearings

Establishments primarily engaged in manufacturing ball and roller bearings (including ball or roller bearing pillow block, flange, takeup cartridge and hangar units) and parts. Establishments primarily engaged in manufacturing plain bearings are classified in industry 3568.

3563 Air and Gas Compressors

Establishments primarily engaged in manufacturing air and gas compressors for general industrial use, and in manufacturing nonagricultural spraying and dusting equipment. Establishments primarily engaged in manufacturing

refrigeration and air-conditioning compressors and compressing units are classified in industry 3585; those manufacturing pneumatic pumps and motors for fluid power transmission are classified in industry 3594; those manufacturing agricultural spraying and dusting equipment are classified in industry 3523; and those manufacturing laboratory vacuum pumps are classified in industry 3821.

3564 Industrial and Commercial Fans and Blowers and Air Purification Equipment

Establishments primarily engaged in manufacturing industrial and commercial blowers, industrial and commercial exhaust and ventilating fans, and attic fans, or in manufacturing dust collection and other air purification equipment for heating, ventilating and air-conditioning systems or for industrial gas cleaning systems. Establishments primarily engaged in manufacturing air-conditioning units are classified in industry 3585; those manufacturing free air-circulating fans for use on desks, pedestals, or wall brackets as well as household window-type fans and roll-abouts, and kitchen and household ventilating and exhaust electric fans, except attic, are classified in industry 3634.

3565 Packaging Machinery

Establishments primarily engaged in manufacturing packaging machinery, including wrapping and bottling machinery.

3566 Speed Changers, Industrial High-Speed Drives, and Gears

Establishments primarily engaged in manufacturing speed changers, industrial high-speed drives, except hydrostatic drives, and gears. Establishments primarily engaged in manufacturing automotive power transmission equipment are classified in industry 3714; those manufacturing aircraft power transmission equipment are classified in industry 3728; and those manufacturing industrial hydrostatic drives (transmissions) are classified in industry 3594.

3567 Industrial Process Furnaces and Ovens

Establishments primarily engaged in manufacturing industrial process furnaces, ovens, induction and dielectric heating equipment, and related devices. Establishments primarily engaged in manufacturing bakery ovens are classified in industry 3556; those manufacturing cement, wood, and chemical kilns are classified in industry 3559; those manufacturing cremating ovens are classified in industry 3569; and those manufacturing laboratory furnaces and ovens are classified in industry 3821.

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 motor vehicle power transmission equipment are

classified in industry 3714; those manufacturing aircraft power transmission equipment are classified in industry 3728; those manufacturing ball and roller bearings are classified in industry 3562; and those manufacturing speed changers, industrial high-speed drives, and gears are classified in industry 3566.

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.

357 COMPUTER AND OFFICE EQUIPMENT

3571 Electronic Computers

Establishments primarily engaged in manufacturing electronic computers. Electronic computers are machines which: (1) store the processing program or programs and the data immediately necessary for execution of the program; (2) can be freely programmed in accordance with the requirements of the user; (3) perform arithmetical computations specified by the user; and (4) execute, without human intervention, a processing program which requires them to modify their execution by logical decision during the processing run. Included in this industry are digital computers, analog computers, and hybrid digital/analog computers. Establishments primarily engaged in manufacturing machinery or equipment which incorporate computers or a central processing unit for the purpose of performing functions such as measuring, displaying, or controlling process variables are classified based on the manufactured end product.

3572 Computer Storage Devices

Establishments primarily engaged in manufacturing computer storage devices.

3575 Computer Terminals

Establishments primarily engaged in manufacturing computer terminals. Establishments primarily engaged in manufacturing point-of-sale, funds transfer, and automatic teller machines are classified in industry 3578.

3577 Computer Peripheral Equipment, Not Elsewhere Classified

Establishments primarily engaged in manufacturing computer peripheral equipment, not elsewhere classified, including printers, plotters, and graphic displays. Establishments primarily engaged in manufacturing modems and other communications interface equipment are classified in industry 3661.

3578 Calculating and Accounting Machines, Except Electronic Computers

Establishments primarily engaged in manufacturing point-of-sale devices, funds transfer devices, and other calculating and accounting machines, except electronic computers. Included are electronic calculating and accounting machines which must be paced by operator intervention, even when augmented by attachments. These machines may include program control or have input/output capabilities.

3579 Office Machines, Not Elsewhere Classified

Establishments primarily engaged in manufacturing office machines and devices, not elsewhere classified, including typewriters and word processing equipment. Establishments primarily engaged in manufacturing photocopy and microfilm equipment are classified in industry 3861.

358 REFRIGERATION AND SERVICE INDUSTRY MACHINERY

3581 Automatic Vending Machines

Establishments primarily engaged in manufacturing automatic vending machines and coin-operated mechanisms for such machines.

3582 Commercial Laundry, Drycleaning, and Pressing Machines

Establishments primarily engaged in manufacturing laundry and drycleaning equipment and pressing machines for commercial and industrial use. Establishments primarily engaged in manufacturing household laundry equipment, including coin-operated washers and dryers, are classified in industry 3633.

3585 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. Establishments primarily engaged in manufacturing soda fountains and beer dispensing equipment and humidifiers and dehumidifiers, except portable, are also classified in this industry. Establishments primarily engaged in manufacturing household refrigerators and home and farm freezers are classified in industry 3632, and those manufacturing electric airspace heaters and portable humidifiers and dehumidifiers are classified in industry 3634.

3586 Measuring and Dispensing Pumps

Establishments primarily engaged in manufacturing measuring and dispensing pumps commonly used in service 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 group 356.

3589 Service Industry Machinery, 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 industry group 363.

359 MISCELLANEOUS INDUSTRIAL AND COMMERCIAL MACHINERY AND EQUIPMENT

3592 Carburetors, Pistons, Piston Rings, and Valves

Establishments primarily engaged in manufacturing carburetors, pistons, piston rings, and engine intake and exhaust valves. Establishments primarily engaged in manufacturing metallic packing are classified in industry 3053, 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.

3593 Fluid Power Cylinders and Actuators

Establishments primarily engaged in manufacturing hydraulic and pneumatic cylinders and actuators for use in fluid power systems.

3594 Fluid Power Pumps and Motors

Establishments primarily engaged in manufacturing hydraulic and pneumatic fluid power pumps and motors, including hydrostatic transmissions. Establishments primarily engaged in manufacturing pumps for motor vehicles are classified in industry 3714.

3596 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 work which are classified in industry 3821.

3599 Industrial and Commercial Machinery and Equipment, Not Elsewhere Classified

Establishments primarily engaged in manufacturing machinery and equipment and parts, not elsewhere classified, such as amusement park equipment and flexible metal hose and tubing. This industry also includes establishments primarily engaged in producing or repairing machinery and equipment parts, not elsewhere classified, on a job or order basis for others. Establishments primarily engaged in manufacturing motor vehicle engine filters are classified in industry 3714, and those manufacturing coin-operated amusement machines are classified in industry 3999.

36 ELECTRONIC AND OTHER ELECTRICAL EQUIPMENT AND COMPONENTS, EXCEPT COMPUTER EQUIPMENT

This major group includes establishments engaged in manufacturing machinery, apparatus, and supplies for the generation, storage, transmission, transformation, and utilization of electrical energy. Included are the manufacturing of electricity distribution equipment; electrical industrial apparatus; household appliances; electrical lighting and wiring equipment; radio and television receiving equipment; communications equipment; electronic components and accessories; and other electrical equipment and supplies. 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 are classified in major group 38.

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 electronic transformers, coils, or chokes are classified in industry 3677, and those manufacturing resistance welder transformers are classified in industry 3548.

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, fuses and fuse mountings, and similar switchboard apparatus and supplies. Establishments primarily engaged in manufacturing relays are classified in industry 3625. Establishments manufacturing switches

other than switchgear type are classified in industry 3625 if the switches are of the type used as industrial controls, in industry 3679 if the switches are of the type used in electronic devices, and in industry 3643 if the switches are of other types used in wiring circuits.

362 ELECTRICAL INDUSTRIAL APPARATUS

3621 Motors and Generators

Establishments primarily engaged in manufacturing electric motors (except engine 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 turbogenerators are classified in industry 3511; those manufacturing starting motors and battery charging generators for internal combustion engines are classified in industry 3694; and those manufacturing generators for welding equipment are classified in industry 3548.

3624 Carbon and Graphite Products

Establishments primarily engaged in manufacturing carbon, graphite, and metal-graphite brushes and brush stock; carbon or graphite electrodes for thermal and electrolytic uses; carbon and graphite fibers; and other carbon, graphite, and metal-graphite products.

3625 Relays and Industrial Controls

Establishments primarily engaged in manufacturing relays; motor starters and controllers; and other industrial controls and control accessories. Establishments primarily engaged in manufacturing automatic temperature controls are classified in industry 3822, and those manufacturing industrial process control instruments are classified in industry 3823.

3629 Electrical Industrial Apparatus, Not Elsewhere Classified

Establishments primarily engaged in manufacturing industrial and commercial electric apparatus and equipment, not elsewhere classified, such as fixed and variable capacitors and rectifiers for industrial applications. Establishments primarily engaged in manufacturing electronic capacitors and rectifiers are classified in industry group 367.

363 HOUSEHOLD APPLIANCES

3631 Household Cooking Equipment

Establishments primarily engaged in manufacturing household electric and nonelectric cooking equipment, such as stoves, ranges, and ovens, except portable electric appliances. This industry includes establishments primarily engaged

in manufacturing microwave and convection ovens, including portable. Establishments primarily engaged in manufacturing other electric household cooking appliances, such as portable ovens, hot plates, grills, percolators, and toasters, are classified in industry 3634. Establishments primarily engaged in manufacturing commercial cooking equipment are classified in industry 3589.

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 those manufacturing portable room dehumidifiers are classified in industry 3634.

3633 Household Laundry Equipment

Establishments primarily engaged in manufacturing laundry equipment, such as washing machines, dryers, and ironers, for household use, including coin-operated. Establishments primarily engaged in manufacturing commercial laundry equipment are classified in industry 3582, and those manufacturing portable electric irons are classified in industry 3634.

3634 Electric Housewares and Fans

Establishments primarily engaged in manufacturing electric housewares for heating, cooking, and other purposes; and electric household fans, except attic fans. Important products of this industry include household-type ventilation and exhaust fans; portable household cooking appliances, except convection and microwave ovens; electric space heaters; electrically heated bedcoverings, electric scissors; and portable humidifiers and dehumidifiers. Establishments primarily engaged in manufacturing attic fans and industrial and commercial exhaust and ventilation fans are classified in industry 3564; and those manufacturing room air-conditioners and humidifying and dehumidifying equipment, except portable, are classified in industry 3585.

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. Establishments primarily engaged in installation of central vacuum cleaner systems are classified in Construction, industry 1796.

3639 Household Appliances, Not Elsewhere Classified

Establishments primarily engaged in manufacturing household appliances, not elsewhere classified, such as water heaters, dishwashers, food waste disposal units, and household sewing machines.

364 ELECTRIC LIGHTING AND WIRING EQUIPMENT

3641 Electric Lamp Bulbs and Tubes

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 photo-flood lamps, and electrotherapeutic lamp units for ultraviolet and infrared radiation. Establishments primarily engaged in manufacturing glass blanks for bulbs are classified in industry 3229.

3643 Current-Carrying Wiring Devices

Establishments primarily engaged in manufacturing current-carrying wiring devices.

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, except porcelain and other ceramic insulators and glass insulators; outlet, switch, and fuse boxes; and pole line hardware. Establishments primarily engaged in manufacturing ceramic insulators are classified in industry 3264, and those manufacturing glass insulators are classified in industry 3229.

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; those manufacturing electric light bulbs, tubes, and related light sources are classified in industry 3641; those manufacturing lamp shades, except glass and metal, are classified in industry 3999; and those manufacturing non-electric fixtures and portable electric flashlights, lanterns, and similar lamps are classified in industry 3648.

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; those manufacturing residential lighting fixtures are classified in industry 3645; and those manufacturing vehicular lighting fixtures are classified in industry 3647.

3647 Vehicular Lighting Equipment

Establishments primarily engaged in manufacturing vehicular lighting equipment. Establishments primarily engaged in manufacturing sealed-beam lamps are classified in industry 3641.

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, ultraviolet lamp fixtures, and infrared lamp fixtures. Establishments primarily engaged in manufacturing electric light bulbs, tubes, and related light sources are classified in industry 3641; those producing glassware for lighting fixtures are classified in major group 32; and those manufacturing traffic signals are classified in industry 3669.

365 HOUSEHOLD AUDIO AND VIDEO EQUIPMENT, AND AUDIO RECORDINGS

3651 Household Audio and Video Equipment

Establishments primarily engaged in manufacturing electronic audio and video equipment for home entertainment (including automotive), such as television sets, radio broadcast receivers, tape players, phonographs, and video recorders and 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 prerecorded audio tapes are classified in industry 3652; those manufacturing telephone answering machines are classified in industry 3661; those manufacturing motion picture reproduction equipment are classified in industry 3861; and those manufacturing phonograph needles and cartridges are classified in industry 3679. Establishments primarily engaged in manufacturing separate cabinets for home electronic equipment are classified in major group 25.

3652 Phonograph Records and Prerecorded Audio Tapes and Disks

Establishments primarily engaged in manufacturing phonograph records and prerecorded audio tapes and disks. Establishments primarily engaged in the design, development, and production of prepackaged computer software are classified in Services, industry group 737; and those reproducing prerecorded video tape cassettes and disks are classified in Services, major group 78.

366 COMMUNICATIONS EQUIPMENT

3661 Telephone and Telegraph Apparatus

Establishments primarily engaged in manufacturing wire telephone and telegraph equipment. Included are establishments manufacturing modems and other telephone and telegraph communications interface equipment. Establishments primarily engaged in manufacturing cellular radio telephones are classified in industry 3663.

3663 Radio and Television Broadcasting and Communications Equipment

Establishments primarily engaged in manufacturing radio and television broadcasting and communications equipment. Important products of this industry are closed-circuit and cable television equipment; studio equipment; light communications equipment; transmitters, transceivers and receivers (except household and automotive); cellular radio telephones; communication antennas; receivers; RF power amplifiers; and fixed and mobile radio systems. Establishments primarily engaged in manufacturing household audio and video equipment are classified in industry 3651; those manufacturing intercommunication equipment are classified in industry 3669; and those manufacturing consumer radio and television receiving antennas are classified in industry 3679.

3669 Communications Equipment, Not Elsewhere Classified

Establishments primarily engaged in manufacturing communications and related equipment, not elsewhere classified. Important products of this industry are intercommunication equipment, traffic signaling equipment, and fire and burglar alarm apparatus.

367 ELECTRONIC COMPONENTS AND ACCESSORIES

3671 Electron Tubes

Establishments primarily engaged in manufacturing electron tubes and tube parts. Establishments primarily engaged in manufacturing X-ray tubes and parts are classified in industry 3844.

3672 Printed Circuit Boards

Establishments primarily engaged in manufacturing printed circuit boards.

3674 Semiconductors and Related Devices

Establishments primarily engaged in manufacturing semiconductors and related solidstate devices. Important products of this industry are semiconductor diodes and stacks, including rectifiers, integrated microcircuits (semiconductor networks), transistors, solar cells, and light sensing and emitting semiconductor (solid-state) devices.

3675 Electronic Capacitors

Establishments primarily engaged in manufacturing electronic capacitors. Establishments primarily engaged in manufacturing electrical capacitors are classified in industry 3629.

3676 Electronic Resistors

Establishments primarily engaged in manufacturing electronic resistors. Establishments primarily engaged in manufacturing resistors for telephone and telegraph apparatus are classified in industry 3661.

3677 Electronic Coils, Transformers, and Other Inductors

Establishments primarily engaged in manufacturing electronic coils, transformers, and inductors. Establishments primarily engaged in manufacturing electrical transformers are classified in industry 3612; those manufacturing transformers and inductors for telephone and telegraph apparatus are classified in industry 3661, and those manufacturing semiconductors and related devices are classified in industry 3674.

3678 Electronic Connectors

Establishments primarily engaged in manufacturing electronic connectors. Establishments primarily engaged in manufacturing electrical connectors are classified in industry 3643; those manufacturing electronic capacitors are classified in industry 3675; and those manufacturing electronic coils, transformers, and other inductors are classified in industry 3677.

3679 Electronic Components, Not Elsewhere Classified

Establishments primarily engaged in manufacturing electronic components, not elsewhere classified, such as receiving antennas, switches, and waveguides. Establishments primarily engaged in manufacturing radio and television transmitting antennas are classified in industry 3663.

369 MISCELLANEOUS ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES

3691 Storage Batteries

Establishments primarily engaged in manufacturing storage batteries.

3692 Primary Batteries, Dry and Wet

Establishments primarily engaged in manufacturing primary batteries, dry or wet.

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.

3695 Magnetic And Optical Recording Media

Establishments primarily engaged in manufacturing blank tape, disk, and cassette magnetic and optical recording media for use in recording audio, video, and digital signals. Establishments primarily engaged in manufacturing blank or recorded records and prerecorded audio tapes are classified in industry 3652; those manufacturing prepackaged computer software are classified in Services, industry 7372; and those manufacturing prerecorded video tape cassettes and disks are classified in Services, major group 78.

3699 Electrical Machinery, Equipment, and Supplies, Not Elsewhere Classified

Establishments primarily engaged in manufacturing electrical machinery, equipment, and supplies, not elsewhere classified, including high energy particle acceleration systems and equipment, electronic simulators, appliance and extension cords, bells and chimes, and insect traps.

37 TRANSPORTATION EQUIPMENT

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. Establishments primarily engaged in manufacturing equipment used for moving materials on farms; in mines and on construction sites; in individual plants; in airports; or on other locations off the highway are classified in major group 35.

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, and special purpose motor vehicles which are for highway use. This industry also includes establishments primarily engaged in manufacturing chassis and passenger car bodies. Such establishments may also manufacture motor vehicle parts, but establishments primarily engaged in manufacturing motor vehicle parts

except chassis and passenger car bodies are classified in industry 3714. Establishments primarily engaged in manufacturing truck and bus bodies and in assembling them on purchased chassis are classified in industry 3713; those manufacturing motor homes on purchased chassis are classified in industry 3716; those manufacturing motorcycles are classified in industry 3751; those manufacturing industrial tractors are classified in industry 3537; those manufacturing other wheel tractors, except contractors off-highway types, are classified in industry 3523; those manufacturing tracklaying and contractors' off-highway type tractors are classified in industry 3531; those manufacturing combat tanks and self-propelled weapons are classified in industry 3795; and those manufacturing stamped body parts for passenger cars are classified in industry 3465.

3713 Truck and Bus Bodies

Establishments primarily engaged in manufacturing truck and bus bodies and cabs for sale separately or for assembly on purchased chassis, or in assembling truck and bus bodies on purchased chassis. Establishments primarily engaged in manufacturing complete trucks and buses are classified in industry 3711; those manufacturing stamped body parts for trucks and buses are classified in industry 3465; those manufacturing truck trailers and demountable cargo containers are classified in industry 3715; those manufacturing cabs for agricultural tractors are classified in industry 3523; those manufacturing cabs for industrial trucks are classified in industry 3537; and those manufacturing cabs for off-highway construction trucks are classified in industry 3531.

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; those manufacturing tires and tubes are classified in industry 3011; those manufacturing automobile glass are classified in major group 32; those manufacturing automobile stampings are classified in industry 3465; those manufacturing vehicular lighting equipment are classified in industry 3647; those manufacturing ignition systems are classified in industry 3694; those manufacturing storage batteries are classified in industry 3691; and those manufacturing carburetors, pistons, piston rings, and engine intake and exhaust valves are classified in industry 3592.

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.

3716 Motor Homes

Establishments primarily engaged in manufacturing self-contained motor homes on purchased chassis. Establishments engaged in manufacturing self-contained motor homes on chassis manufactured in the same establishment are classified in industry 3711. Establishments primarily engaged in manufacturing mobile homes are classified in industry 2451; and those manufacturing travel trailers and pickup campers are classified in industry 3792. Establishments primarily engaged in van conversion on a custom basis are classified in Services, industry 7532.

372 AIRCRAFT AND PARTS

3721 Aircraft

Establishments primarily engaged in manufacturing or assembling complete aircraft. This industry also includes establishments owned by aircraft manufacturers and primarily engaged in research and development on aircraft, whether from enterprise funds or on a contract or fee basis. Also included are establishments engaged in repairing and rebuilding aircraft on a factory basis. Establishments primarily engaged in manufacturing engines and other aircraft parts and auxiliary equipment are classified in industries 3724 and 3728; and those manufacturing guided missiles and space vehicles and parts are classified in industry group 376. Establishments primarily engaged in the repair of aircraft, except on a factory basis, are classified in Transportation, industry 4581; and research and development on aircraft by establishments not owned by aircraft manufacturers are classified in Services, industry 8731.

3724 Aircraft Engines and Engine Parts

Establishments primarily engaged in manufacturing aircraft engines and engine parts. This industry also includes establishments owned by aircraft engine manufacturers and primarily engaged in research and development on aircraft engines and engine parts whether from enterprise funds or on a contract or fee basis. Also included are establishments engaged in repairing and rebuilding aircraft engines on a factory basis. Establishments primarily engaged in manufacturing guided missile and space vehicle propulsion units and parts are classified in industry 3764; those manufacturing aircraft intake and exhaust valves and pistons are classified in industry 3592; and those manufacturing aircraft internal combustion engine filters are classified in industry 3714. Establishments primarily engaged in the repair of aircraft engines, except on a factory basis, are classified in Transportation, industry 4581; and research and development on aircraft engines on a contract or fee basis by establishments not owned by aircraft engine manufacturers are classified in Services, industry 8731.

3728 Aircraft Parts and Auxiliary Equipment, Not Elsewhere Classified

Establishments primarily engaged in manufacturing aircraft parts and auxiliary equipment, not elsewhere classified. This industry also includes establishments owned by manufacturers of aircraft parts and auxiliary equipment and primarily engaged in research and development on aircraft parts, whether from enterprise funds or on a contract or fee basis. Establishments primarily engaged in manufacturing or assembling complete aircraft are classified in industry 3721; those manufacturing aircraft engines and parts are classified in industry 3724; those manufacturing aeronautical instruments are classified in industry 3812; those manufacturing aircraft engine electrical (aeronautical electrical) equipment are classified in industry 3694; and those manufacturing guided missile and space vehicle parts and auxiliary equipment are classified in industry 3769. Establishments not owned by manufacturers of aircraft parts but primarily engaged in research and development on aircraft parts on a contract or fee basis are classified in Services, industry 8731.

373 SHIP AND BOAT BUILDING AND REPAIRING

3731 Ship Building and Repairing

Establishments primarily engaged in building and repairing ships, barges, and lighters, whether self-propelled or towed by other craft. This industry also includes the conversion and alteration of ships and the manufacture of offshore oil and gas well drilling and production platforms (whether or not self-propelled). Establishments primarily engaged in fabricating structural assemblies or components for ships, or subcontractors engaged in ship painting, joinery, carpentry work, and electrical wiring installation, are classified in other industries.

3732 Boat Building and Repairing

Establishments primarily engaged in building and repairing boats. Establishments primarily engaged in manufacturing rubber and nonrigid plastics boats are classified in major group 30. Establishments primarily engaged in operating marinas and which perform incidental boat repair are classified in Transportation, industry 4493; membership yacht clubs are classified in Services, industry 7997; and those performing outboard motor repair are classified in Services, industry 7699.

374 RAILROAD EQUIPMENT

3743 Railroad Equipment

Establishments primarily engaged in building and rebuilding locomotives (including frames and parts, not elsewhere classified) of any type or gauge; and railroad, street, and

rapid transit cars and car equipment for operation on rails for freight and passenger service. Establishments primarily engaged in manufacturing mining cars are classified in industry 3532. Repair shops, owned and operated by railroads or local transit companies, repairing locomotives or cars for their own use are classified in Transportation, major groups 40 and 41. Establishments primarily engaged in repairing railroad cars on a contract or fee basis are classified in Transportation, industry 4789; and those repairing locomotive engines on a contract or fee basis are classified in Services, industry 7699.

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 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.

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. This industry also includes establishments owned by guided missile and space vehicle manufacturers and primarily engaged in research and development on these products, whether from enterprise funds or on a contract or fee basis. Establishments primarily engaged in manufacturing guided missile and space vehicle propulsion units and propulsion unit parts are classified in industry 3764; those manufacturing space satellites are classified in industry 3669; those manufacturing guided missile and space vehicle airborne and ground guidance, checkout, and launch electronic systems and components are classified in industry 3812; and those manufacturing guided missile and space vehicle airframes, nose cones, and space capsules are classified in industry 3769. Research and development on guided missiles and space vehicles, on a contract or fee basis, by establishments not owned by guided missile or space vehicle manufacturers are classified in Services, industry 8731.

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. This industry also includes establishments owned by manufacturers of guided missile and space vehicle propulsion units

and parts and primarily engaged in research and development on such products, whether from enterprise funds or on a contract or fee basis. Research and development on guided missile and space propulsion units, on a contract or fee basis by establishments not owned by manufacturers of guided missile and space vehicle propulsion units and parts, are classified in Services, industry 8731.

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. This industry also includes establishments owned by manufacturers of guided missile and space vehicle parts and auxiliary equipment, not elsewhere classified, and primarily engaged in research and development on such products, whether from enterprise funds or on a contract or fee basis. Establishments primarily engaged in manufacturing navigational and guidance systems are classified in industry 3812. Research and development on guided missile and space vehicle parts, on a contract or fee basis by establishments not owned by manufacturers of such products, are classified in Services, industry 8731.

379 MISCELLANEOUS TRANSPORTATION EQUIPMENT

3792 Travel Trailers and Campers

Establishments primarily engaged in manufacturing travel trailers and campers for attachment to passenger cars or other vehicles, pickup coaches (campers) and caps (covers) for mounting on pickup trucks. 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.

3795 Tanks and Tank Components

Establishments primarily engaged in manufacturing complete tanks, specialized components for tanks, and self-propelled weapons. Establishments primarily engaged in manufacturing military vehicles, except tanks and self-propelled weapons, are classified in industry group 371, and those manufacturing tank engines are classified in industry group 351.

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 those manufacturing children's vehicles except bicycles are classified in industry 3944.

38 MEASURING, ANALYZING AND CONTROLLING INSTRUMENTS; PHOTOGRAPHIC, MEDICAL AND OPTICAL GOODS; WATCHES AND CLOCKS

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; hydrological, hydrographic, meteorological, and geophysical equipment; search, detection, navigation, and guidance systems and equipment; surgical, medical, and dental instruments, equipment, and supplies; ophthalmic goods; photographic equipment and supplies; and watches and clocks.

381 SEARCH, DETECTION, NAVIGATION, GUIDANCE, AERONAUTICAL, AND NAUTICAL SYSTEMS, INSTRUMENTS, AND EQUIPMENT

3812 Search, Detection, Navigation, Guidance, Aeronautical, and Nautical Systems and Instruments

Establishments primarily engaged in manufacturing search, detection, navigation, guidance, aeronautical, and nautical systems and instruments. Important products of this industry are radar systems and equipment; sonar systems and equipment; navigation systems and equipment; countermeasures equipment; aircraft and missile control systems and equipment; flight and navigation sensors, transmitters, and displays; gyroscopes; airframe equipment instruments; and speed, pitch, and roll navigational instruments and systems. Establishments primarily engaged in manufacturing aircraft engine instruments or meteorological systems and equipment, including weather tracking equipment, are classified in industry 3829.

382 LABORATORY APPARATUS AND ANALYTICAL, OPTICAL, MEASURING, AND CONTROLLING INSTRUMENTS

3821 Laboratory Apparatus and Furniture

Establishments primarily engaged in manufacturing laboratory apparatus and furniture. Important products of this industry include laboratory balances and scales, laboratory furnaces and ovens, laboratory centrifuges, and various components, parts, and accessories for laboratory apparatus. Laboratory instruments are classified elsewhere, generally in other industries of industry group 382.

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; those manufacturing motor control switches are classified in industry 3625; those manufacturing switches for household appliances are classified in industry 3643; and those manufacturing appliance timers are classified in industry 3873.

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; those manufacturing residential and commercial comfort controls are classified in industry 3822; those manufacturing all liquid-in-glass and bimetal thermometers and glass hydrometers are classified in industry 3829; those manufacturing recorder charts are classified in industry group 275; and those manufacturing analytical and optical instruments are classified in industries 3826 and 3827.

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 frequency counters are classified in industry 3825, and those manufacturing industrial process instruments are classified in industry 3823.

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, and sonar systems are classified in industry 3812, and those manufacturing similar equipment for communications systems classified in industry group 366.

3826 Laboratory Analytical Instruments

Establishments primarily engaged in manufacturing laboratory instruments and instrumentation systems for chemical or physical analysis of the composition or concentration of samples of solid, fluid, gaseous, or composite material. Establishments primarily engaged in manufacturing instruments for monitoring and analyzing continuous samples from medical patients are classified in industry 3845, and from industrial process streams are classified in industry 3823.

3827 Optical Instruments and Lenses

Establishments primarily engaged in manufacturing instruments and apparatus that measure an optical property and optically project, measure, or magnify an image, such as binoculars, microscopes, prisms, and lenses. Included are establishments primarily engaged in manufacturing optical sighting and fire control equipment.

3829 Measuring and Controlling Devices, Not Elsewhere Classified

Establishments primarily engaged in manufacturing measuring and controlling devices, not elsewhere classified, including meteorological instruments. Important products of this industry are physical properties testing equipment, nuclear radiation detection and monitoring instrumentation, aircraft engine instruments (except flight), and liquid-in-glass and bimetal thermometers. Also included in this industry are establishments primarily engaged in manufacturing surveying and drafting instruments, such as alidades, transits, sextants, theodolites, slide rules, and T-squares.

384 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; those manufacturing electrotherapeutic and electromedical apparatus are classified in industry 3845; and those manufacturing X-ray apparatus are classified in industry 3844.

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 supporters, 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 orthopedic or prosthetic appliances and in the personal fitting to the individual prescription by a physician are classified in Retail Trade, industry 5999.

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 Services, industry 8072.

3844 X-Ray Apparatus and Tubes and Related Irradiation 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, or in manufacturing other irradiation equipment, including gamma and beta-ray equipment.

3845 Electromedical and Electrotherapeutic Apparatus

Establishments primarily engaged in manufacturing electromedical and electrotherapeutic apparatus. Establishments primarily engaged in manufacturing electrotherapeutic lamp units for ultraviolet and infrared radiation are classified in industry 3641.

385 OPHTHALMIC GOODS

3851 Ophthalmic Goods

Establishments primarily engaged in manufacturing ophthalmic frames, lenses, and sunglass lenses. Establishments primarily engaged in manufacturing molded glass blanks are classified in industry 3229. Establishments primarily engaged in grinding lenses and fitting glasses to prescription are classified in Retail Trade, industry 5995.

386 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 camera

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; those manufacturing photographic lenses are classified in industry 3827; those manufacturing photographic glass are classified in major group 32; those manufacturing chemicals for technical purposes, not specifically prepared and packaged for use in photography, are classified in major group 28; and those manufacturing photographic flash, flood, enlarger, and projection lamp bulbs are classified in industry 3641.

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 timeclocks are classified in industry 3579; those manufacturing glass crystals are classified in industry 3231; and those manufacturing plastics crystals are classified in industry 3089.

39 MISCELLANEOUS MANUFACTURING INDUSTRIES

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; dolls, toys, games, and sporting and athletic goods; pens, pencils, and artists' materials; buttons, costume novelties, miscellaneous notions; brooms and brushes; caskets; and other miscellaneous manufacturing industries.

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 (including base metals clad or rolled with precious metals), with or without stones. Products of this industry include 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.

3914 Silverware, Plated Ware, and Stainless Steel Ware

Establishments primarily engaged in manufacturing flatware (including knives, forks, and spoons), hollowware, ecclesiastical ware, trophies, trays, 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. Also included are establishments primarily engaged in manufacturing table flatware with blades and handles of metal. Establishments primarily engaged in manufacturing other metal cutlery are classified in industry 3421, and those manufacturing metal trophies, trays and toilet ware, other than silver, nickel silver, pewter, stainless steel, and plated, are classified in industry 3499.

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 manmade 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. Establishments primarily engaged in manufacturing synthetic stones for gem stones and industrial use are classified in industry 3299, and those manufacturing artificial pearls are classified in industry 3961.

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.

394 DOLLS, TOYS, GAMES AND SPORTING AND ATHLETIC GOODS

3942 Dolls and Stuffed Toys

Establishments primarily engaged in manufacturing dolls, doll parts, and doll clothing, except doll wigs. Establishments primarily engaged in manufacturing stuffed toys are also included in this industry. Doll wigs are classified in industry 3999.

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; toy furniture; doll carriages and carts; construction sets; mechanical trains; toy guns and rifles; baby carriages and strollers; children's tricycles, coaster wagons, play cars, sleds, and other children's outdoor wheel goods and vehicles, except bicycles. Included are establishments primarily engaged in manufacturing electronic board games; electronic toys; and electronic game machines, except coin-operated. Establishments primarily engaged in manufacturing dolls and stuffed toys are classified in industry 3942; those manufacturing bicycles are classified in industry 3751; those manufacturing sporting and athletic goods for children and adults are classified in industry 3949; those manufacturing coin-operated game machines are classified in industry 3999; those manufacturing electronic video game cartridges are classified in Services, industry 7372; and those manufacturing rubber toys, except dolls, are classified in industry 3069.

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; those manufacturing athletic footwear are classified in industries 3021 and 3149; those manufacturing small arms ammunition are classified in industry 3482; and those manufacturing small arms are classified in industry 3484.

395 PENS, PENCILS, AND OTHER ARTISTS' MATERIALS

3951 Pens, Mechanical Pencils, and Parts

Establishments primarily engaged in manufacturing pens (including ball point pens), refill cartridges, mechanical pencils, fine and broad tipped markers, and parts.

3952 Lead Pencils, Crayons, and Artists' Materials

Establishments primarily engaged in manufacturing lead pencils, pencil leads, and crayons; and materials and equipment for artwork, 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 those manufacturing drafting instruments are classified in industry 3829.

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 3951.

3955 Carbon Paper and Inked Ribbons

Establishments primarily engaged in manufacturing carbon paper; spirit or gelatin process and other stencil paper; and inked or carbon ribbons for business machines.

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 goldplate and gold-filled materials. Establishments primarily engaged in manufacturing jewelry of precious and semiprecious metal are classified in 3911; those manufacturing leather compacts and vanity cases are classified in industry 3172; and those manufacturing synthetic stones for gem stone and industrial use are classified in industry 3299.

3965 Fasteners, Buttons, Needles, and Pins

Establishments primarily engaged in manufacturing notions, such as slide and snap fasteners and zippers, machine and hand needles, pins, hooks and eyes, buckles, buttons, button parts, and button blanks. Establishments primarily engaged in manufacturing these products from precious metals or from precious or semiprecious stones are classified in industry 3911.

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.

3993 Signs and Advertising Specialties

Establishments primarily engaged in manufacturing electrical, mechanical, cutout, or plate signs and advertising displays, including neon signs, and advertising specialties. Sign painting shops doing business on a custom basis are classified in Services, industry 7389. Establishments primarily engaged in manufacturing electric signal equipment are classified in industry 3669, and those manufacturing commercial lighting fixtures are classified in industry 3646.

3995 Burial Caskets

Establishments primarily engaged in manufacturing burial caskets and cases, including shipping cases, of wood or other material except concrete.

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 those manufacturing cork floor and wall tile are classified in industry 2499.

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; feathers; artificial trees and flowers made from all materials, except glass; dressed and dyed furs; umbrellas, parasols, and canes; and other articles, not elsewhere classified.