

Industry Group 1.—FOOD AND KINDRED PRODUCTS

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	The Group as a Whole		
	This group of industries covers establishments primarily engaged in the manufacture of foods and beverages for human consumption, and certain related products such as artificial ice, chewing gum, and prepared feeds for animals and fowls.		
	MEAT PRODUCTS		
111	Meat packing, wholesale. ----- Establishments primarily engaged in the slaughtering of livestock for their own account to be sold fresh or used as material in canning, curing, making sausage, lard, and other products. Also, establishments which do no slaughtering but purchase meats from others and use as material in canning, curing, etc. The manufacturing of sausages and meat specialties from purchased meats is classified in Industry 113.	123	*123
112	Custom slaughtering, wholesale. ----- Establishments primarily engaged in the slaughtering of cattle, hogs, sheep, and other animals on a contract basis as a service to others. Hides and other by-products may be retained in partial payment for this service, and may therefore be reported as the principal product of such establishments.	123	*123
113	Sausages, prepared meats, and other meat products— not made in meat-packing establishments. ----- Establishments primarily engaged in the production of sausages, prepared meats, and meat specialties, where no slaughtering operations are performed on the premises. Sausage or meat kitchens, operated by packing houses but not located on the same premises are included in this industry. Dressing and canning of poultry, rabbits, and other small game are included in Industry 115.	128	128
114	Sausage casings—not made in meat-packing establish- ments. ----- Establishments primarily engaged in the manufacture of sausage casings from animal, artificial, or synthetic materials.	128	137
115	Poultry dressing and packing, wholesale. ----- Establishments primarily engaged in the dressing, packing, and canning of poultry, rabbits, and other small game for the wholesale trade.	126	126

*Part of; see last paragraph, p. 2.

**Industry Group 1.—FOOD AND KINDRED PRODUCTS—
Continued**

1939 Industry No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Industry No.
DAIRY PRODUCTS			
121	Creamery butter Establishments primarily engaged in the manufacture of creamery butter. Separating stations operated on the premises of butter factories are included in this industry. Milk and cream purchasing stations and the production of butter on farms are not considered to be manufacturing industries. Processed butter is included in Industry 125, Special dairy products.	103	103
122	Cheese Establishments primarily engaged in the manufacture of natural cheese, and which may on the same premises produce process cheese. The manufacture of process cheese from purchased natural cheese is included in Industry 125, Special dairy products.	103	107
123	Condensed and evaporated milk Establishments primarily engaged in the manufacture of condensed and evaporated milk, and related products such as dried and powdered milk and whey and ice cream mix.	103	111
124	Ice cream and ices Establishments primarily engaged in the manufacture of frozen desserts made of milk, cream, fruit juices, and flavoring extracts.	118	118
125	Special dairy products Establishments primarily engaged in the manufacture of processed butter, processed cheese, cheese pastes and spreads, malted milk, and fermented milks. Establishments classified in this industry do not manufacture creamery butter, natural cheese, or dried or powdered milk.	117	*117
CANNED AND PRESERVED FOODS			
131	Canned fish, crustacea, and mollusks Establishments primarily engaged in the cooking and canning of fish and other sea foods. Shucking and packing of fresh oysters is not considered to be a manufacturing industry.	104	*104
132	Cured fish Establishments primarily engaged in the smoking, salting, drying or otherwise curing of fish for the wholesale trade.	104	*104
133	Canned and dried fruits and vegetables (including canned soups) Establishments primarily engaged in the drying or canning of fruits and vegetables, including the canning of soups other than chicken soup (115).	105	*105
134	Preserves, jams, jellies, and fruit butters Establishments primarily engaged in the manufacture of preserves, jams, jellies, and fruit butters.	105	*105

*Part of; see last paragraph, p. 2.

**Industry Group 1.—FOOD AND KINDRED PRODUCTS—
Continued**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	CANNED AND PRESERVED FOODS—Continued		
135	Pickled fruits and vegetables and vegetable sauces and seasonings. ----- Establishments primarily engaged in the manufacture of pickled fruits and vegetables, relishes, vegetable sauces, and vegetable seasonings.	105	*105
136	Salad dressings. ----- Establishments primarily engaged in the manufacture of salad dressings.	105	*105
137	Quick-frozen foods. ----- Establishments primarily engaged in the quick-freezing of fruits and vegetables for ultimate delivery to the consumer in a frozen state.	105	*105
	GRAIN-MILL PRODUCTS		
141	Flour and other grain-mill products. ----- Establishments primarily engaged in the milling of grains except rice. The chief products of these establishments are flour and meal. Such flour and grain mills may produce cracked grain used as cereal or stock feed, or blended and prepared flours, principally from products ground in the same establishment.	116	*116
142	Prepared feeds (including mineral) for animals and fowls. ----- Establishments primarily engaged in the manufacture of prepared feeds for animals and fowls. Prepared feeds include those made from grain as a principal ingredient, and those made principally from ingredients other than grain, such as digestible tankage, meat, bone meal, fish meal, oils, lime, sugar, molasses, alfalfa, and ground oyster shells. Dry feed produced by establishments engaged in the milling of grain alone is classified in Industry 141.	116	114
143	Cereal preparations. ----- Establishments primarily engaged in the manufacture of cereal preparations, such as cereal-breakfast foods, coffee substitutes, hominy, prepared and self-rising flours, etc., made wholly or chiefly from grain milled by the establishment. Cracked grain is not considered to be a cereal preparation, and is included in Industry 141.	116	106
144	Rice cleaning and polishing. ----- Establishments primarily engaged in the cleaning and polishing of rice, and in manufacturing rice flour or meal.	127	127
145	Blended and prepared flour made from purchased flour. ----- Establishments primarily engaged in the preparation of prepared (self-rising) or blended flour from purchased flour. Establishments classified in this industry are not engaged in grinding flour from grain.	116	*116

*Part of; see last paragraph, p. 2.

**Industry Group 1.—FOOD AND KINDRED PRODUCTS—
Continued**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	BAKERY PRODUCTS		
151	Bread and other bakery products (except biscuit, crackers, and pretzels) ----- Establishments primarily engaged in the manufacture of bread, cakes, hand-made cookies, doughnuts, pies, pastries, etc. These are establishments producing "perishable" bakery products in contrast to the "dry" products classified in Industry 152.	102	*102
152	Biscuit, crackers, and pretzels ----- Establishments primarily engaged in the manufacture of biscuit, crackers, machine-made cookies, pretzels, etc., packed in containers so as to retain their palatability for an indefinite period. Establishments producing "perishable" bakery products are classified in Industry 151.	102	*102
	SUGAR		
161	Cane sugar—except refineries ----- Establishments primarily engaged in the manufacture of raw sugar, sirup, or finished cane sugar from sugar cane. Establishments engaged in the refining of sugar from purchased sirup or raw sugar are classified in Industry 162.	130	130
162	Cane-sugar refining ----- Establishments primarily engaged in the refining of purchased raw cane sirup or sugar.	131	131
163	Beet sugar ----- Establishments primarily engaged in the manufacture of sugar from sugar beets.	129	129
	CONFECTIONERY AND RELATED PRODUCTS		
171	Candy and other confectionery products ----- Establishments primarily engaged in the manufacture of candy and confections, except solid chocolate bars (172), and chewing gum (173). Salted nuts, stuffed dates, popcorn balls, and related products are included in this industry.	112	112
172	Chocolate and cocoa products ----- Establishments primarily engaged in the manufacture of chocolate from cacao beans, and the further manufacture of cocoa, cocoa butter, and solid chocolate bars. Chocolate candies (fancy package, bulk, count) are classified in Industry 171.	109	109
173	Chewing gum ----- Establishments primarily engaged in the manufacture of chewing gum from crude gum, chicle, paraffin or similar materials.	112	108

*Part of; see last paragraph, p. 2.

**Industry Group I.—FOOD AND KINDRED PRODUCTS—
Continued**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
BEVERAGES			
181	Nonalcoholic beverages Establishments primarily engaged in the manufacture of nonalcoholic beverages, whether carbonated or not, such as root beer, ginger ale, and carbonated mineral waters. The bottling of natural spring waters is not considered a manufacturing industry. Establishments primarily producing fruit and vegetable juices are included in Industry 133, producing fruit sirups for flavoring are included in Industry 195, and producing cider are included in Industry 196.	101	101
182	Malt liquors Establishments primarily engaged in the manufacture of all kinds of malt liquors, such as ale, beer, porter, stout, and of malt extract. This industry does not include bottlers of malt liquors brewed by others.	134	134
183	Malt Establishments primarily engaged in the manufacture of malt, chiefly from barley and to some extent from other grain. Malthouses operated by breweries and reported separately are included in this industry.	122	122
184	Wines Establishments primarily engaged in the production of wines both dry and sweet. Establishments primarily bottling or barreling wines produced, blended, or processed by others are not considered part of the manufacturing industries.	184	186
185	Liquors, distilled Establishments primarily engaged in the production of distilled liquors. This industry does not include rectifying and blending establishments (186) nor establishments engaged solely in bottling purchased liquors. Bottling establishments are not considered a part of the manufacturing industry.	185	133
186	Liquors, rectified or blended Establishments primarily engaged in the rectifying and blending of distilled liquors and making of cordials and alcoholic cocktails by mixing liquors and other ingredients. Rectifying plants operated by distillers are treated as separate establishments and are covered by this classification. Establishments engaged solely in bottling purchased liquors are not included. Bottling establishments are not considered a part of the manufacturing industry.	186	136

**Industry Group 1.—FOOD AND KINDRED PRODUCTS—
Continued**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	MISCELLANEOUS FOOD PREPARATIONS AND KINDRED PRODUCTS		
191	Baking powder, yeast, and other leavening compounds.....	603	603
192	Cooking and other edible fats and oils, not elsewhere classified. Establishments primarily engaged in the manufacture of edible vegetable and compound shortenings, vege- table cooking oils, salad oils, and other refined table oils by further processing animal and vegetable oils produced in other industries. Establishments pri- marily producing oleomargarine are included in Industry 193, primarily producing corn oil are in- cluded in Industry 194, and primarily producing cot- tonseed, linseed, soybean, marine, and other animal and vegetable oils are included in Group 9.	120	120
193	Oleomargarine—not made in meat-packing establish- ments. Establishments primarily engaged in the manufacture of commodities known as oleomargarine, butterine, nut margarine, nut butter, etc.	120	124
194	Corn sirup, corn sugar, corn oil, and starch..... Establishments primarily engaged in the manufacture of sirup, sugar, oil, and starch from corn, potato, root, wheat, and other starches.	113	113
195	Flavoring extracts and flavoring sirups, not elsewhere classified. Establishments primarily engaged in the manufacture of flavoring extracts, sirups, and fruit juices for soda fountain use or for the manufacture of soft drinks, and colors for bakers' and confectioners' use.	195	115
196	Vinegar and cider.....	105	132
197	Ice, manufactured..... Establishments primarily engaged in the manufacture of ice for sale. The harvesting and storage of natural ice are not included in manufacturing industries.	119	119
198	Macaroni, spaghetti, vermicelli, and noodles..... Establishments primarily engaged in the manufacture of macaroni, spaghetti, vermicelli, noodles, and re- lated products.	198	121
199	Food preparations, not elsewhere classified..... Establishments primarily engaged in the manufacture of food specialties which are not assigned specifically to other industries in the "Food and Kindred Prod- ucts" major group.	117	*117

*Part of; see last paragraph, p. 2.

Industry Group 2.—TOBACCO MANUFACTURES

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	The Group as a Whole		
	<p>This group of industries includes establishments primarily engaged in the manufacture of cigarettes, cigars, smoking and chewing tobacco, and snuff and which on the same premises may sort, dry, cure, or stem tobacco. The manufacture of insecticides from tobacco byproducts is included in the Chemicals and Allied Products group. Establishments primarily engaged in curing, sorting, or stemming tobacco are not included in the manufacturing industries.</p>		
211	Cigarettes.....	1608	1652
221	Cigars.....	1608	1608
231	Tobacco (chewing and smoking) and snuff.....	1608	1647

**Industry Group 3.—TEXTILE-MILL PRODUCTS AND OTHER
FIBER MANUFACTURES**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	The Group as a Whole		
	This group of industries includes establishments primarily engaged in performing any of the following operations: 1. Manufacturing batting, wadding, packing, felts, yarns, and cordage and twine; 2. Manufacturing woven cloth, carpets and rugs, braids, laces, knit cloth and knit garments or products from finished or unfinished yarns; 3. Dyeing and finishing fibers, yarns, and cloths; 4. Coating, waterproofing, and otherwise treating fabrics. (The rubberizing of fabrics is included in the Rubber Products group.)		
	COTTON MANUFACTURES		
311	Cotton broad woven goods Establishments primarily engaged in the weaving of fabrics over 12 inches in width, wholly of cotton, or with the warp predominantly of cotton yarn. These fabrics may be woven of finished or unfinished cotton yarn.	203	2023 *2031 2034
312	Cotton narrow fabrics Establishments primarily engaged in the weaving or braiding of fabrics 12 inches and narrower in width, wholly of cotton, or with the warp predominantly of cotton yarn or cotton covered elastic yarn. These fabrics may be woven of finished or unfinished cotton yarn.	203	2032
313	Cotton yarn Establishments primarily engaged in the spinning, twisting, winding, and spooling of cotton yarn for sale as such.	203	*2033
314	Cotton thread Establishments primarily engaged in the spinning, twisting, and manufacturing of cotton sewing thread or crochet, darning, hand knitting, and embroidery cottons for sale as such.	203	*2033
	SILK MANUFACTURES		
321	Silk broad woven goods—regular factories or jobbers engaging contractors This industry includes regular factories or jobbers engaging contractors who produce for sale from their own materials fabrics over 12 inches in width entirely of silk yarns or with the warp predominantly of silk yarn. These fabrics may be woven of finished or unfinished silk yarns.	203	*2102

*Part of; see last paragraph, p. 2.

**Industry Group 3.—TEXTILE-MILL PRODUCTS AND OTHER
FIBER MANUFACTURES—Continued**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1937 Form No.	1937 Indus- try No.
SILK MANUFACTURES—Continued			
322	Silk broad woven goods—contract factories This industry includes establishments primarily engaged in weaving fabrics over 12 inches in width on a contract basis from materials owned by others. These fabrics are woven entirely of silk yarns or with the warp predominantly of silk yarns and may be woven of finished or unfinished silk yarns.	203	*2102
323	Silk narrow fabrics Establishments primarily engaged in the weaving or braiding of fabrics 12 inches and under in width entirely of silk yarns or with the warp predominantly of silk yarns. These fabrics may be woven of finished or unfinished silk yarns.	203	2103
324	Silk yarn and thread spun or thrown—regular factories or jobbers engaging contractors This industry includes regular factories or jobbers engaging contractors primarily engaged in throwing, twisting, or spinning of silk yarns for sale as such, or for own use.	203	2104
325	Silk throwing and spinning—contract factories Establishments primarily engaged in the throwing, twisting, or spinning of silk yarns on a contract basis.	203	2101
RAYON MANUFACTURES			
331	Rayon broad woven goods—regular factories or jobbers engaging contractors This industry includes regular factories or jobbers engaging contractors who produce for sale from their own materials fabrics over 12 inches in width entirely of rayon yarns or with the warp predominantly of rayon yarns. These fabrics may be woven of finished or unfinished rayon yarns.	203	*2092
332	Rayon broad woven goods—contract factories This industry includes establishments primarily engaged in weaving fabrics over 12 inches in width on a contract basis from materials owned by others. These fabrics are woven entirely of rayon yarns or with the warp predominantly of rayon yarns, and may be woven of finished or unfinished rayon yarns.	203	*2092
333	Rayon narrow fabrics Establishments primarily engaged in the weaving or braiding of fabrics 12 inches and under in width entirely of rayon yarns or with the warp predominantly of rayon yarns. These fabrics may be woven of finished or unfinished rayon yarns.	203	2093
334	Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors This industry includes regular factories or jobbers engaging contractors primarily engaged in throwing, twisting, or spinning of rayon yarns for sale as such, or for own use.	203	2094
335	Rayon throwing and spinning—contract factories Establishments primarily engaged in the throwing, twisting, or spinning of rayon yarns on a contract basis.	203	2091

*Part of; see last paragraph, p. 2.

**Industry Group 3.—TEXTILE-MILL PRODUCTS AND OTHER
FIBER MANUFACTURES—Continued**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	WOOLEN AND WORSTED MANUFACTURES		
341	Woolen and worsted manufactures—regular factories or jobbers engaging contractors ----- Regular factories or jobbers engaging contractors who are primarily engaged in scouring or carbonizing wool, combing top on worsted combs from their own wool, rayon, or other fiber; spinning, twisting, winding, or beaming yarns spun on woolen or worsted systems of spinning (other than carpet or rug yarns, 372); also establishments engaged in weaving fabrics and related products, other than carpets or rugs, wholly or in part from their own yarns spun on the woolen or worsted systems or from horsehair or other hairs.	212	*2121 *2122 *2123 *2124 *2125 *2126
342	Woolen and worsted manufactures—contract factories This industry includes contract factories primarily engaged in scouring or carbonizing wool, combing top on worsted combs from wool, rayon, or other fiber owned by others; spinning, twisting, winding, or beaming yarns spun on woolen or worsted systems of spinning (other than carpet or rug yarns, 372) on a contract basis; also includes establishments engaged in weaving fabrics and related products owned by others, other than carpets or rugs, wholly or in part from yarns spun on the woolen or worsted systems or from horsehair or other hairs.	212	*2121 *2122 *2123 *2124 *2125 *2126
343	Dyeing and finishing woolen and worsted ----- Establishments primarily engaged in dyeing and finishing fabrics woven wholly or in part from yarns spun on the woolen or worsted systems, or in dyeing wool, top, or yarns spun on the woolen or worsted systems.	212	2128
	KNIT GOODS		
351	Hosiery—full-fashioned ----- Establishments primarily engaged in the knitting, dyeing, or finishing of full-fashioned hosiery.	207	*2071
352	Hosiery—seamless ----- Establishments primarily engaged in the knitting, dyeing, or finishing of seamless hosiery.	207	*2071
353	Knitted cloth ----- Establishments primarily engaged in the knitting of tubular or flat cloth, and in the dyeing or finishing of knit cloth.	207	2072
354	Knitted outerwear (except knit gloves)—regular factories or jobbers engaging contractors ----- Knitting mills or jobbers engaging contractors primarily engaged in the knitting of outerwear for sale, except knitted gloves and mittens (357). The manufacture of knitted outerwear from purchased knit cloth is included in Group 4, "Apparel and Other Finished Products Made from Fabrics and Similar Materials."	207	2073

*Part of; see last paragraph, p. 2.

**Industry Group 3.—TEXTILE-MILL PRODUCTS AND
OTHER FIBER MANUFACTURES—Continued**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
KNIT GOODS—Continued			
355	Knitted outerwear (except knit gloves)—contract factories This industry includes contract factories engaged in the knitting of outerwear from materials owned by others, except knitted gloves and mittens (357). The manufacture of knitted outerwear from purchased knit cloth is included in Group 4, "Apparel and Other Finished Products Made from Fabrics and Similar Materials."	207	2273
356	Knitted underwear Establishments primarily engaged in the knitting of underwear on machines.	207	2074
357	Knitted gloves Establishments primarily engaged in the knitting of gloves and mittens.	207	2075
DYEING AND FINISHING TEXTILES EXCEPT WOOLEN AND WORSTED			
361	Dyeing and finishing cotton, rayon, silk, and linen textiles Establishments primarily engaged in the bleaching, dyeing, printing, finishing or otherwise converting fabrics of cotton, rayon, silk, and linen or mixtures of these fibers, and the dyeing and finishing of yarn and thread of cotton, rayon, silk, and linen. Establishments primarily engaged in the dyeing or finishing of knit hosiery or knit cloth are included in Industries 351, 352, and 353; establishments primarily sponging or shrinking textiles for tailors, dressmakers, and to custom order are not included in the manufacturing industries.	203	{ 2041 *2042 2043
362	Cloth sponging and miscellaneous special finishing Establishments primarily engaged in sponging cloth and miscellaneous special finishing such as waxing cloth, varnishing cambric and buckram.	{ 212 203	{ *2162 *2042
CARPETS, RUGS, AND OTHER FLOOR COVERINGS			
371	Carpets and rugs, wool Establishments primarily engaged in the weaving of carpets and rugs wholly or in part of yarns spun on the woolen or worsted systems.	2000	2013
372	Carpet yarn, woolen and worsted Establishments primarily engaged in the spinning on the woolen or worsted systems of yarns for use in carpets and rugs.	2000	2014
373	Carpets, rugs, and mats made from such materials as paper fiber, grass, jute, flax, sisal, cotton, cocoa fiber, and rags (For description, see p. 29)	100	{ 2011 2012 *2022 *2023 *2031

*Part of; see last paragraph, p. 2.

**Industry Group 3.—TEXTILE-MILL PRODUCTS AND
OTHER FIBER MANUFACTURES—Continued**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	CARPETS, RUGS, AND OTHER FLOOR COVERINGS—Continued		
373	Carpets, rugs, mats, etc.—Continued. Establishments primarily engaged in the manufacture of door mattings, floor mattings, art squares, rugs, and carpets from such materials as twisted paper, wire grass, reeds, coir (cocoa fiber), sisal, jute, and rags.		
374	Linoleum, asphalted-felt-base and other hard-surface floor coverings, not elsewhere classified. Establishments primarily engaged in the manufacture of hard-surfaced floor coverings, including cork carpets. Establishments manufacturing rubber flooring are included in Industry 1199.	220	{ 2221 2222
	HATS EXCEPT CLOTH AND MILLINERY		
381	Hat bodies and hats, fur felt. Establishments primarily engaged in the manufacture of soft and stiff hat bodies and hats, made chiefly from hatters' fur, for men, women, and children.	206	*2061
382	Hat bodies and hats, wool felt. Establishments primarily engaged in the manufacture of hat bodies and hats, made chiefly of wool, wool nolls, wool shoddy, etc., for men, women, and children.	206	2062
383	Hats, straw. Establishments primarily engaged in the manufacture of men's, women's, and children's hats made from straw and similar fibers. The finishing of Panama and other straw hat bodies and hats is included in Industry 452. The trimming of straw hats for women and children from purchased straw bodies is included in Industry 451.	206	*2063
384	Hatters' fur. Establishments primarily engaged in the production of hatters' fur for further processing in establishments included in Industry 381.	206	*2064
	MISCELLANEOUS TEXTILE GOODS		
390	Felt goods, wool, hair, and jute (except woven felts and hat bodies and hats). Establishments primarily engaged in the manufacture of insulating and automotive felts, under-rug mats, and other felt goods by means of heat, moisture, and pressure, or by the needle-loom process. Establishments primarily engaged in manufacturing woven felts are included in Industries 341 and 342, and wool felt hats in Industry 382.	212	2051
391	Lace goods. Establishments primarily engaged in the manufacture of all lace machine products. Establishments primarily engaged in machine embroidering are included in Industries 488, 489, 490, and 491.	208	2081

*Part of; see last paragraph, p. 2.

**Industry Group 3.—TEXTILE-MILL PRODUCTS AND OTHER
FIBER MANUFACTURES—Continued**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No
	MISCELLANEOUS TEXTILE GOODS—Continued		
392	Batting, padding, and wadding; upholstery filling ----- Establishments primarily engaged in the manufacture of batting, padding, wadding, and upholstery filling from such materials as curled hair, moss, flax tow, or hemp tow, etc.	211	2111
393	Processed waste and recovered wool fibers—regular factories or jobbers engaging contractors ----- This industry includes regular factories or jobbers engaging contractors who are primarily engaged in cleaning, recovering, and preparing wiping rags, wool shoddy, and related products, from their own materials, such as clippings, manufacturing wastes, cotton, wool, rayon, silk, and other fibers. Establishments primarily engaged in the production of oakum from their own materials are also included in this industry.	211	*2112
394	Processed waste and recovered wool fibers—contract factories ----- This industry includes contract factories who are primarily engaged in cleaning, recovering, and preparing wiping rags, wool shoddy and related products, from materials owned by others, such as clippings, manufacturing wastes, cotton, wool, rayon, silk, and other fibers. Establishments primarily engaged in the production of oakum from materials owned by others are also included in this industry.	211	*2112
395	Artificial leather and oilcloth ----- Establishments primarily engaged in the manufacture of all kinds of artificial leather, regardless of method of manufacture, materials, or use of finished product.	220	2201
396	Oilcloth----- Establishments primarily engaged in the manufacture of oilcloth for table, wall, shelf, etc.	220	2202
397	Linen goods ----- Establishments primarily engaged in the manufacture of flax yarn and thread and fabrics of linen, and linen and cotton mixtures.	202	*2023
398	Jute goods (except felt) ----- Establishments primarily engaged in the manufacture of jute into yarn and jute goods such as bagging and webbing. Establishments manufacturing jute felts are included in Industry 390 and jute rugs in Industry 373.	202	*2022
399	Cordage and twine ----- Establishments primarily engaged in the manufacture of rope, cable, cordage, twine, and related goods, from hemp, cotton, manila, paper, and other fiber.	202	2021

*Part of; see last paragraph, p. 2.

Industry Group 4.—APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	The Group as a Whole		
	The cutting up industries or needle trades produce clothing and other fabricated articles from purchased woven or knitted fabrics. All types of textiles are utilized, as well as leather, rubber, fur, and other materials. Custom tailors and dressmakers, not operating on a factory basis, are excluded from the scope of these industries. A substantial number of establishments in these industries work on a contract basis from materials owned by others. The manufacturer or jobber owns the materials, assigns the piece goods to a contract factory for fabrication, and sells the finished products.		
	MEN'S AND BOYS' TAILORED CLOTHING		
411	Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors ----- Establishments primarily engaged in the production for sale from their own materials of men's, youths', and boys' suits, overcoats, and dress trousers. Establishments manufacturing men's work and sport garments are included in Industries 428 and 429.	215	*2151
412	Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories ----- Establishments primarily engaged in the manufacture of men's, youths', and boys' suits, overcoats, and dress trousers on a contract basis from materials owned by others. Establishments manufacturing men's work and sport garments are included in Industries 428 and 429.	215	*2152
	MEN'S AND BOYS' FURNISHINGS, WORK AND SPORT GARMENTS		
413	Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors ----- This industry includes inside factories or jobbers engaging contractors who are primarily engaged in producing for sale from their own materials men's, youths', and boys' shirts (except work shirts, Industry 428), collars, and nightwear made from purchased woven or knitted fabric.	215	2132
414	Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories ----- Establishments primarily engaged in the production on a contract basis from materials owned by others of men's, youths', and boys' shirts (except work shirts, Industry 428), collars, and nightwear made from purchased woven or knit fabric.	215	2242

*Part of; see last paragraph, p. 2.

**Industry Group 4.—APPAREL AND OTHER FINISHED
PRODUCTS MADE FROM FABRICS AND SIMILAR
MATERIALS—Continued**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	MEN'S AND BOYS' FURNISHINGS, WORK AND SPORT GARMENTS—Continued		
415	Men's and boys' underwear—made in inside factories or by jobbers engaging contractors. ----- This industry includes inside factories or jobbers engaging contractors who are primarily engaged in producing for sale from their own materials men's, youths', and boys' underwear, made from purchased woven or knit fabrics. Establishments knitting underwear are included in Industry 356.	215	2141
416	Men's and boys' underwear—made in contract factories. Establishments primarily engaged in the production on a contract basis from materials owned by others of men's, youths', and boys' underwear made from purchased woven or knit fabrics. Establishments knitting underwear are included in Industry 356.	215	2241
423	Men's neckwear—made in inside factories or by jobbers engaging contractors. ----- Establishments primarily engaged in the production for sale from their own materials of men's and boys' neckties, scarfs, and mufflers. Establishments knitting neckties, scarfs, and mufflers are included in Industry 354.	215	*2143
424	Men's neckwear—made in contract factories. ----- Establishments primarily engaged in the production of men's and boys' neckties, scarfs, and mufflers on a contract basis from materials owned by others. Establishments knitting neckties, scarfs, and mufflers are included in Industry 355.	215	*2243
425	Men's and boys' hats and caps (except felt and straw). Establishments primarily engaged in the production of men's and boys' hats and caps except those made from felt (Industries 331 and 332) and straw (Industry 333).	206	2142
426	Hat and cap materials; trimmings, etc. Establishments primarily engaged in the manufacture of hat and cap findings such as cap visors, sweat bands, and trimmings from purchased materials. Establishments primarily engaged in tip printing or stamping are included in this industry.	206	*2064
427	Trousers (semidress), wash suits, and washable service apparel. ----- Establishments primarily engaged in the production of men's and boys' slacks and other semidress trousers, cotton wash suits, and washable service apparel. Establishments manufacturing dress trousers are included in Industries 411 and 412.	215	2135
428	Work shirts. ----- Establishments primarily engaged in the manufacture of men's and boys' work shirts and flannel shirts.	215	*2133

*Part of; see last paragraph, p. 2.

**Industry Group 4.—APPAREL AND OTHER FINISHED
PRODUCTS MADE FROM FABRICS AND SIMILAR
MATERIALS—Continued**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	MEN'S AND BOYS' FURNISHINGS, WORK AND SPORT GARMENTS—Continued		
429	<p>Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel not elsewhere classified.....</p> <p>Establishments primarily engaged in the production of men's and boys' overalls, work pants, industrial garments (other than washable service apparel, Industry 427), children's play suits, lined cotton garments, mackinaws, lumber jackets, blanket-lined coats, ski and snow suits, hunting and riding and related garments, and other heavy outerwear, not elsewhere classified. Establishments primarily manufacturing somidress trousers are included in Industry 427, work and flannel shirts in Industry 428, and leather and sheep-lined garments in Industry 487.</p>	215	*2133
	WOMEN'S AND MISSES' OUTER CLOTHING		
430	Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors.....	216	2161
431	Women's and misses' blouses and waists—made in contract factories.....	216	2231
432	<p>Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors.....</p> <p>Establishments primarily engaged in the production for sale from their own materials of silk, rayon, and wool dresses, and cotton dresses made to sell by the piece and to retail above \$2. Ensemble dresses of all materials are included in this industry. The manufacture of house dresses to sell by the dozen and to retail for less than \$2 each is included in Industries 434 and 435.</p>	216	2165
433	<p>Women's and misses' dresses (except house dresses)—made in contract factories.....</p> <p>Establishments primarily engaged in the production on a contract basis from materials owned by others of silk, rayon, and wool dresses, and cotton dresses made to sell by the piece and to retail above \$2. Ensemble dresses of all materials are included in this industry. House dresses to sell by the dozen and to retail for less than \$2 each are included in Industries 434 and 435.</p>	216	2234
434	<p>House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.....</p> <p>Establishments primarily engaged in the production for sale from their own materials of house dresses chiefly of cotton fabric made to sell by the dozen and to retail under \$2 each, and nurses' and maids' uniforms, aprons, smocks, and hoovers.</p>	216	2166
435	<p>House dresses, uniforms, and aprons—made in contract factories.....</p> <p>Establishments primarily engaged in the production on a contract basis from materials owned by others of house dresses chiefly of cotton fabric made to sell by the dozen and to retail under \$2 each, and nurses' and maids' uniforms, aprons, smocks, and hoovers.</p>	216	2238

*Part of; see last paragraph, p. 2.

**Industry Group 4.—APPAREL AND OTHER FINISHED
PRODUCTS MADE FROM FABRICS AND SIMILAR
MATERIALS—Continued**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	WOMEN'S AND MISSES' OUTER CLOTHING— Continued		
436	Coats, suits, and skirts (except fur coats)—made in in- side factories or by jobbers engaging contractors..... Establishments primarily engaged in the production for sale from their own materials of women's and misses' suits, skirts, ensemble suits, and coats, except fur coats (Industry 470).	216	2163
437	Coats, suits, and skirts (except fur coats)—made in con- tract factories..... Establishments primarily engaged in the production on a contract basis from materials owned by others of women's and misses' suits, skirts, ensemble suits, and coats, except fur coats (Industry 470).	216	2233
438	Women's and misses' clothing not elsewhere classified— made in inside factories or by jobbers engaging contractors..... Establishments primarily engaged in the production from their own materials of women's and misses' clothing not elsewhere classified such as bathing suits made from purchased fabric, beach wear, riding habits, ski suits, etc.	216	*2169
439	Women's and misses' clothing, not elsewhere classified— made in contract factories..... Establishments primarily engaged in the production on a contract basis from materials owned by others of women's and misses' clothing not elsewhere classified such as bathing suits, beach wear, riding habits, ski suits, etc.	216	*2237
	WOMEN'S ACCESSORIES EXCEPT MILLINERY		
-441	Women's, children's, and infants' underwear and night- wear of knitted fabrics..... Establishments primarily engaged in the production of women's, children's, and infants' underwear and nightwear of purchased knitted fabrics. Establish- ments knitting underwear and nightwear are classi- fied in Industry 356.	216	2163
-442	Women's, children's, and infants' underwear and night- wear of cotton and flannelette woven fabrics.....	216	2160
-443	Women's, children's, and infants' underwear and night- wear of silk and rayon woven fabrics..... This industry includes inside factories or jobbers engaging contractors who produce for sale from their own materials women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics.	216	*2169
-445	Corsets and allied garments..... Establishments primarily engaged in the production of corsets, brassieres, girdles, garter belts, combination or one-piece garments, and corset accessories.	216	2164

*Part of; see last paragraph, p. 2.

Industry Group 4.—APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS—Continued

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	WOMEN'S ACCESSORIES EXCEPT MILLINERY— Continued		
446	Belts (apparel), regardless of material..... Establishments primarily engaged in the production of apparel belts (made for sale) for men, women, and children whether made of leather, fabric, or other materials.	216	{ *2143 *2169 *906
449	Women's neckwear, scarfs, etc..... Establishments primarily engaged in the production of women's neckwear, scarfs, and ruffings from purchased fabrics. The knitting of neckwear or scarfs is classified in Industries 354 and 355.	216	{ *2169 *2237
	MILLINERY		
451	Millinery..... Establishments primarily engaged in the production of women's, misses', children's, and infants' wool felt, fur felt, straw, and fabric trimmed hats from purchased hat bodies and materials made in inside factories or by jobbers, or in contract factories. Establishments producing fur felt and wool felt hat bodies and hats are classified in Industries 381 and 382.	222	{ *2167 2267
453	Finishing of men's and boys' hats of fur-felt.....	206	{ *2061 *2063 *2167
454	Finishing of men's and boys' hats of wool-felt.....		
455	Finishing of men's and boys' hats of straw.....		
	CHILDREN'S AND INFANTS' OUTERWEAR		
461	Children's dresses—made in inside factories or by jobbers engaging contractors..... This industry includes inside factories or jobbers engaging contractors who are primarily engaged in manufacturing children's and infants' dresses and sportswear. Women's and misses' sportswear is classified in Industries 438 and 439.	216	*2162
462	Children's dresses—made in contract factories..... Establishments primarily engaged in the manufacture of children's and infants' dresses and sportswear made on a contract basis from materials owned by others. Women's and misses' sportswear is classified in Industries 438 and 439.	216	*2236
463	Children's coats—made in inside factories or by jobbers engaging contractors.....	216	*2162
464	Children's coats—made in contract factories.....	216	*2236
465	Children's and infants' wear not elsewhere classified— made in inside factories or by jobbers engaging con- tractors.....	216	*2162

*Part of; see last paragraph, p. 2.

**Industry Group 4.—APPAREL AND OTHER FINISHED
PRODUCTS MADE FROM FABRICS AND SIMILAR
MATERIALS—Continued**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	CHILDREN'S AND INFANTS' OUTERWEAR— Continued		
466	Children's and infants' wear not elsewhere classified— made in contract factories.....	216	*2236
	FUR GOODS		
470	Fur coats and other fur garments, accessories, and trimmings..... Establishments primarily engaged in the manufacture of fur coats and other fur garments, accessories, and trimmings made in inside factories or by jobbers, and in contract factories.	1615	{ 1615 1665
	MISCELLANEOUS APPAREL		
480	Work gloves and mittens: cloth, cloth and leather com- bined..... Establishments primarily engaged in the manufacture of work gloves and mittens made of cloth or of cloth and leather combined. Establishments knitting gloves are included in Industry 357, producing strictly leather gloves in Industry 1250, and produc- ing rubber gloves in Industry 1199.	217	*2171
481	Dress and semidress gloves and mittens: cloth, cloth and leather combined..... Establishments primarily engaged in the manufacture of dress and semidress gloves and mittens made of cloth or of cloth and leather combined. Establish- ments knitting gloves are included in Industry 357, producing strictly leather gloves in Industry 1250, and producing rubber gloves in Industry 1199.	217	*2171
482	Handkerchiefs—made in inside factories or by jobbers engaging contractors.....	217	2172
483	Handkerchiefs—made in contract factories.....	217	2272
484	Suspenders, garters, and other goods made from pur- chased elastic material..... Establishments primarily engaged in the manufacture of suspenders, arm bands, garters, hose supporters, and other elastic products made from purchased fabric. Establishments producing corsets and allied garments are included in Industry 445.	217	2173
485	Robes, lounging garments, and dressing gowns..... Establishments primarily engaged in the manufacture of men's, women's, and children's bath robes, loung- ing garments, and dressing gowns.	215	{ *2143 *2169 *2287 *2243
486	Raincoats and other waterproof garments (except oiled cotton)..... Establishments primarily engaged in the manufacture of rubberized raincoats and other waterproof outer garments, except oiled fabric garments (Industry 429). Rubber garments and vulcanized rubber gar- ments are included in Industry 1199.	215	{ *2151 *2169 *2152 *2287

*Part of; see last paragraph, p. 2.

**Industry Group 4.—APPAREL AND OTHER FINISHED
PRODUCTS MADE FROM FABRICS AND SIMILAR
MATERIALS—Continued**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	MISCELLANEOUS APPAREL—Continued		
487	Clothing, leather and sheep-lined..... Establishments primarily engaged in the manufacture of leather garments and sheep-lined garments for work and sportswear, except gloves and mittens (Industry 1250).	215	2134
488	Embroideries: Schiffli-machine products..... This industry includes regular factories or jobbers engaging contractors who produce for sale from their own materials Schiffli-machine embroideries for apparel and house furnishing goods.	221	2211
490	Embroideries, other than Schiffli-machine products— made in regular factories or by jobbers engaging contractors..... This industry includes regular factories or jobbers engaging contractors who produce for sale from their own materials of bonnaz and machine-made em- broideries other than Schiffli-machine products.	221	2212
491	Embroideries, other than Schiffli-machine products— contract factories..... Establishments primarily engaged in the production on a contract basis from materials owned by others of bonnaz and hand-machine embroideries other than Schiffli-machine products.	221	2245
492	Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors..... This classification includes pleating, stitching, and tucking from own materials.	221	2213
493	Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories..... This classification includes pleating, stitching, and tucking for the trade.	221	2246
	MISCELLANEOUS FABRICATED TEXTILE PRODUCTS		
494	Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors..... This industry includes regular factories or jobbers engaging contractors who produce for sale from their own materials curtains, draperies, and bedspreads. Goods of this type fabricated in dyeing and finishing plants are not included.	218	2181
495	Curtains, draperies, and bedspreads—contract factories. Establishments primarily engaged in the manufacture on a contract basis from materials owned by others of curtains, draperies, and bedspreads. Goods of this type fabricated in dyeing and finishing plants are not included.	218	2281

*Part of; see last paragraph, p. 2.

**Industry Group 4.—APPAREL AND OTHER FINISHED
PRODUCTS MADE FROM FABRICS AND SIMILAR
MATERIALS—Continued**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	MISCELLANEOUS FABRICATED TEXTILE PRODUCTS—Continued		
496	Housefurnishings (except curtains, draperies, and bedspreads) ----- Establishments primarily engaged in the manufacture of house furnishing goods such as sheets, pillow cases, napkins, table cloths, comfortables, pillows, mops and dusters, slip covers, laundry bags, etc. Products of this kind fabricated in dyeing and finish- ing establishments are not included in this classifica- tion. Curtains, draperies, and bedspreads are in- cluded in Industries 494 and 495.	218	2182
497	Textile bags—not made in textile mills ----- Establishments primarily engaged in the manufacture of cotton, burlap, and other bags from purchased textiles. Laundry bags are included in Industry 496.	218	2192
498	Canvas products (except bags) ----- Establishments primarily engaged in the manufacture of awnings, tents, sails, canvas covers, tarpaulins, and canopies.	218	2191
499	Miscellaneous fabricated textile products not elsewhere classified -----	218	{ 2193 2194

Industry Group 5.—LUMBER AND TIMBER BASIC PRODUCTS

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	The Group as a Whole		
	This group includes establishments primarily engaged in the basic lumber industries. These establishments include logging camps, sawmills, veneer mills, shingle mills, lath mills, cooperage-stock mills, planing mills, and plywood mills.		
	LOGGING		
511	Logging camps and logging contractors (not operating sawmills). Establishments primarily engaged in the making of logs, bolts, and rough timber products such as hewn crossties, poles, posts, hewn mine timbers, wheel and handlestock, and excelsior stock whether cut for own account or on a contract basis.	311	*311
	SAWMILLS AND SPECIAL-PRODUCT MILLS		
520	Sawmills, veneer mills, and cooperage-stock mills, including those combined with logging camps and with planing mills. Establishments primarily engaged in producing rough lumber, shingles, lath, sawed crossties, veneer, and cooperage stock. <i>Sawmills</i> which further manufacture lumber into boxes, crates, and shooks are classified in this industry. Mills producing veneer and cooperage stock for use in further manufacture in the same plant are classified according to the finished product.	311	*311
	PLANING AND PLYWOOD MILLS		
531	Planing mills not operated in conjunction with sawmills. Establishments primarily engaged in the manufacturing of dressed lumber, sash, doors, window and door frames, interior woodwork, molding, etc. Planing mills connected with sawmills are included in Industry 520.	314	*314
532	Plywood mills. Establishments primarily engaged in the manufacturing of plywood from veneer which is either purchased or produced in own plant.	311	{ *311 *314

*Part of; see last paragraph, p. 2.

Industry Group 6.—FURNITURE AND FINISHED LUMBER PRODUCTS

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	The Group as a Whole		
	This group of industries includes establishments primarily engaged in manufacturing furniture made of wood or other materials; finished articles made entirely or mainly of wood or wood substitutes; and articles related to those made of wood, such as mattresses and studio couches, because they are either produced in the same plants or sold in the same markets. The treatment of wood with creosote and other preserving processes is included in this group. There are establishments producing wooden articles not assigned to this group. For example, equipment specifically designed for use in beauty shops (2053); pianos and wooden musical instruments (2039); and wooden toys and playground equipment (2041); etc. Woodworking in connection with construction on the job (carpentry work, etc.), woodworking to individual order or in the nature of reconditioning and repair is not regarded as part of the manufacturing industries.		
	HOUSEHOLD FURNITURE		
611	Matresses and bedsprings ----- Establishments primarily engaged in the manufacture of matresses (including box-spring matresses); assembled wire springs (fabric, coil, or box) for use on beds, couches, and cots; and spring cushions. Individual spiral springs are included in industry 1449.	1624	1624
612	Upholstered household furniture ----- Establishments primarily engaged in the manufacture of upholstered household furniture, regardless of whether frames are made of wood, reed, and rattan, or metal. Reupholstering of furniture and upholstering frames to individual orders are not considered a part of the manufacturing industries.	309	*309
619	Household furniture except upholstered ----- Establishments primarily engaged in the manufacture of household furniture made of wood, reed, and rattan, or metal, not upholstered, including cases and cabinets for radios and sewing machines, and other furniture commonly used in dwellings, not elsewhere classified.	309	*309
	OFFICE FURNITURE		
620	Office furniture ----- Establishments primarily engaged in the manufacture of office furniture, whether made of wood, reed, and rattan, or metal. Restaurant furniture is also included in this group.	309	*309

*Part of; see last paragraph, p. 2.

**Industry Group 6.—FURNITURE AND FINISHED LUMBER
PRODUCTS—Continued**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	PUBLIC-BUILDING AND PROFESSIONAL FURNITURE		
631	Public-building furniture ----- Establishments primarily engaged in the manufacture of furniture for schools, theaters, assembly halls, churches, and libraries. Seats for public conveyances are classified in this industry. Stone furniture is included in Industry 1330.	309	*309
632	Laboratory, hospital, and other professional furniture --- Establishments primarily engaged in the manufacture of specially designed cabinets, tables, beds, and other furniture, including furniture (not equipment) used in barber shops and beauty parlors.	309	*309
	PARTITIONS		
641	Partitions, shelving, cabinet work, and office and store fixtures ----- Establishments primarily engaged in the manufacture of partitions, shelving, prefabricated cabinets, show and display cases (except for refrigeration), and office and store fixtures made from wood or other materials. Fabricated wooden store fronts are included in this industry.	309	*309
	WOODEN CONTAINERS		
651	Baskets for fruits and vegetables ----- Establishments primarily engaged in the manufacture of fruit and vegetable baskets and hampers, round store baskets, and climax baskets of all kinds, made of veneer, splints, reed, rattan, willow, etc.	301	*301
652	Rattan and willowware (except furniture) and baskets other than vegetable and fruit baskets ----- Establishments primarily engaged in the manufacture of baskets, other than fruit and vegetable, and small articles made of veneer, reed, rattan, willow, splints, etc.	301	*301
653	Cigar boxes: wooden, part wooden ----- Establishments primarily engaged in the manufacture of boxes of wood or partly of wood in which cigars are packed for sale. Paper cigar boxes are classified in Industry 779.	301	303
654	Wooden boxes except cigar boxes ----- Establishments primarily engaged in the manufacture of wooden boxes, cases, crates, box shooks, and carrier trays. Wooden storage battery boxes and fancy boxes of wood covered with cloth are included in this industry. Wooden cigar boxes are classified in Industry 653.	301	304
655	Cooperage ----- Establishments primarily engaged in the manufacture of barrels, kegs, tubs, hogsheads, and other containers made of staves. Cooperage stock made for sale as such is classified in Industry 520.	306	306

*Part of; see last paragraph, p. 2.

**Industry Group 6.—FURNITURE AND FINISHED LUMBER
PRODUCTS—Continued**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	WINDOW AND DOOR SCREENS, SHADES, AND VENETIAN BLINDS		
661	Window and door screens and weather strip Establishments primarily engaged in the manufacture of window and door screens and weather strip, re- gardless of materials used.	318	318
662	Window shades Establishments primarily engaged in the manufacture of complete window shades, window shade rollers and fittings; curtain rods, poles, and fixtures. The assembling of window shades from purchased parts is included in this industry.	100	1651
663	Venetian blinds Establishments primarily engaged in the manufacture of venetian blinds, regardless of materials used. Venetian-blind slats are classified in Industry 531.	314	*314
	MORTICIANS' GOODS		
671	Caskets, coffins, burial cases, and other morticians' goods Establishments primarily engaged in the manufacture of caskets, coffins, burial cases, and shipping cases whether of wood or other materials (except concrete); morticians' supplies and accessories, such as burial garments, gloves, slippers, casket linings, and em- balming fluids; and morticians' paraphernalia and equipment.	305	305
	MISCELLANEOUS WOOD PRODUCTS		
691	Excelsior Establishments primarily engaged in the manufacture of excelsior made of wood, and excelsior pads and wrappers.	308	308
692	Cork products Establishments primarily engaged in the manufacture of bottle corks, life preservers, insulating materials, tile, and other articles made of cork, ground cork, and cork composition. Linoleum and cork carpet are included in Industry 374.	307	307
693	Matches Establishments primarily engaged in the manufacture of matches, regardless of materials used.	312	312
694	Wood preserving Establishments primarily engaged in treating wood to prevent decay and to protect against fire and insects.	319	319
695	Lasts and related products Establishments primarily engaged in the manufacture of lasts for boots and shoes, last sole patterns, shoe trees, and display forms for boots and shoes, regard- less of material used.	320	310

*Part of; see last paragraph, p. 2.

**Industry Group 6.—FURNITURE AND FINISHED LUMBER
PRODUCTS—Continued**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
MISCELLANEOUS WOOD PRODUCTS—Contd.			
696	Mirror frames and picture frames Establishments primarily engaged in the manufacture of finished picture moldings, frames for mirrors, pictures, photographs, and medallions. Framing pictures for the trade is included in this industry, but establishments framing pictures for individual orders are not considered part of the manufacturing industries. Establishments framing mirrors are included in Industry 1330.	313	313
699	Wood products not elsewhere classified Establishments primarily engaged in the manufacture of turned and shaped wooden products not elsewhere classified.	320	320

*Part of; see last paragraph, p. 2.

Industry Group 7.—PAPER AND ALLIED PRODUCTS

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	The Group as a Whole		
	This group of industries includes the manufacture of pulp primarily from wood, and from rags and other fibers; the conversion of these pulps into any kind of paper and paperboard; and the manufacture of paper and paperboard into converted paper products such as paper bags, paper boxes, cards, envelopes, etc. Special converted paper products are classified elsewhere, such as abrasive paper with other abrasive materials in Industry 1391, carbon paper with other typewriting supplies in Industry 2055, and photosensitized and blueprint paper with other photographic supplies in Industry 2012.		
	PULP MILLS		
711	Pulp mills ----- Establishments primarily engaged in the making of pulp from wood and from other fibers, such as rags, cotton linters, straw, etc.	410	410
	PAPER AND PAPERBOARD MILLS		
720	Paper and paperboard mills ----- Establishments primarily engaged in the manufacture of all kinds of paper such as newsprint, book, cover, writing, wrapping, tissue, absorbent, building, and miscellaneous paper. All kinds of paperboards including wallboard and insulating board made strictly on paper machines. Converted paper products made in paper mills are classified in this industry. Establishments manufacturing wall and insulating board not made on paper machines are classified in Industry 1374. An independent factory making converted paper products is given its specific industry classification.	407	407
	CONVERTED PAPER PRODUCTS		
740	Coated and glazed paper ----- Establishments primarily engaged in the manufacture of coated-book, waxed, and gummed paper (including gummed labels and paper and cloth tape), and other coated and glazed paper made from purchased stock. Waterproofed wrapping paper, fly paper, and cloth-lined paper are also classified in this industry. Carbon paper is included in Industry 2055, and photographic and blueprint paper in Industry 2012.	401	*408
751	Envelopes ----- Establishments primarily engaged in the manufacture of paper envelopes of any description, including those made for filing, wrapping, etc.	401	405

*Part of; see last paragraph, p. 2.

Industry Group 7.—PAPER AND ALLIED PRODUCTS—Con.

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	CONVERTED PAPER PRODUCTS—Continued		
760	Paper bags, except those made in paper mills ----- Establishments primarily engaged in the manufacture of paper bags of any description. Cellophane bags are included in Industry 2086.	401	401
774	Fiber cans, tubes, and similar products ----- Establishments primarily engaged in the manufacture of fiber cans, cones, cores, mailing cases, ribbon blocks, spools, tubes, and similar products with or without metal ends.	401	*402
779	Paperboard containers and boxes not elsewhere classified. Establishments primarily engaged in the manufacture of folding and set-up boxes, corrugated and solid-fiber shipping containers, decorated, lithographed, lacquered, and fancy-covered paper boxes, and other paper and paperboard boxes and containers.	401	*402
791	Die-cut paper and paperboard, and converted cardboard ... Establishments primarily engaged in the manufacture of bottle caps, converted cardboard, photograph mats, folders, etc., and index, jacquard, library, and other cut cards.	401	{ 403 404 *408
793	Wallpaper ----- Establishments primarily engaged in the designing of patterns and printing paper for interior walls and ceilings. (The paper itself, designated as "hanging paper," is made in papermills.)	401	411
794	Pulp goods (pressed, molded) ----- Establishments primarily engaged in the manufacture of all kinds of pressed and molded pulp goods, such as pulp plates and utensils, and all papier mâché articles, except statuary. Statuary is classified in Industry 1308.	315	*315
799	Converted paper products not elsewhere classified ----- Establishments primarily engaged in the manufacture of crepe paper, cups, dishes, etc., egg-case fillers, paper napkins and towels, papeteries, playing cards, printed and unprinted paper patterns, tags, seals, soda straws, tablets, toilet paper, facial tissues, etc.	401	*403

*Part of; see last paragraph, p. 2.

Industry Group 8.—PRINTING, PUBLISHING, AND ALLIED INDUSTRIES

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	The Group as a Whole		
	This group of industries includes printing, publishing, lithographing, and engraving establishments, and establishments performing services for the printing trade such as typesetting, photoengraving, electrotyping, stereotyping, rotogravure, and bookbinding. The group includes publishers doing no printing, publishers doing their own printing, and printers doing no publishing. Publishers doing commercial or job printing are classified as publishers even though the job printing is the main source of income. News syndicates are not included in the manufacturing industries.		
	NEWSPAPERS		
811	Newspapers: publishing without printing ----- Establishments primarily engaged in preparing and publishing, but not printing, newspapers. Establishments specializing in printing newspapers for publishers are included in Industry 851, General commercial (job) printing.	508	*510
812	Newspapers: publishing and printing ----- Establishments primarily engaged in preparing, publishing, and printing newspapers. These establishments carry on the various operations necessary to issue newspapers, including editorial and mechanical departments. Establishments specializing in printing newspapers for publishers are included in Industry 851, General commercial (job) printing.	508	*510
	PERIODICALS		
821	Periodicals: publishing without printing ----- Establishments primarily engaged in preparing and publishing, but not printing, periodicals. Establishments specializing in printing periodicals for publishers are included in Industry 851, General commercial (job) printing.	508	*510
822	Periodicals: publishing and printing ----- Establishments primarily engaged in preparing, publishing, and printing periodicals. These establishments carry on the various operations necessary to issue periodicals, including editorial and mechanical departments. Establishments specializing in printing periodicals for publishers are included in Industry 851, General commercial (job) printing.	508	*510

*Part of; see last paragraph, p. 2.

Industry Group 8.—PRINTING, PUBLISHING, AND ALLIED INDUSTRIES—Continued

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	BOOKS		
831	Books: publishing without printing ----- Establishments primarily engaged in publishing, but not manufacturing, books and pamphlets. The publishing and manufacturing of books and pamphlets, or the manufacturing of books and pamphlets, are included in Industries 832 and 833.	508	*508
832	Books: publishing and printing ----- Establishments primarily engaged in publishing and manufacturing books and pamphlets. These establishments carry on the various operations necessary to issue books and pamphlets, including editorial and mechanical departments. Establishments specializing in printing books and pamphlets for publishers are included in Industry 833.	508	*508
833	Books: printing without publishing ----- Establishments primarily engaged in printing of books and pamphlets for publishers by letterpress, lithograph, or other processes.	508	*508 *507 *506
	GENERAL COMMERCIAL (JOB) PRINTING		
851	General commercial (Job) printing ----- Establishments primarily engaged in commercial or job printing (letterpress). This industry includes general printing shops as well as shops specializing in printing newspapers and periodicals for others. Job printing by the lithographing process is included in Industry 861. Establishments specializing in printing books and pamphlets for publishers are included in Industry 833.	508	*508
	LITHOGRAPHING		
861	Lithographing and photo-lithographing (including preparation of stones or plates and dry transfers) ----- Establishments primarily engaged in the preparation of lithograph plates of stone or of metal, and printing from such plates. The greater part of the work done in the industry is lithographing done on a job or custom basis to individual order, but in some cases lithographed calendars, commercial forms, maps, illustrated cards, posters, etc., are made for sale. That branch of lithography known as offset printing is included in this classification. Lithographing of books and pamphlets for publishers is classified in Industry 833.	508	*506
	GREETING CARDS		
862	Greeting cards (except hand-painted) ----- Establishments primarily engaged in designing and manufacturing greeting, valentine, and Christmas cards, and Christmas seals, printed, lithographed, etched, and otherwise processed. This industry includes establishments designing only, or manufacturing only, or both designing and manufacturing these products. The hand painting of greeting cards is not included in the manufacturing activities.	508	*508 *506 *504

*Part of; see last paragraph, p. 2.

Industry Group 8.—PRINTING, PUBLISHING, AND ALLIED INDUSTRIES—Continued

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	GRAVURE, ROTOGRAVURE, AND ROTARY PHOTOGRAVURE		
871	Gravure, rotogravure, and rotary photogravure (including preparation of plates)..... Establishments primarily engaged in the preparation of gravure, photogravure, and rotary photogravure plates, and in printing from such plates.	508	*507
	BOOKBINDING AND RELATED INDUSTRIES		
880	Bookbinding and related industries..... Establishments primarily engaged in the binding of books and pamphlets (chiefly on a contract or custom basis); in the manufacture of blank books, such as ledgers, account books, sales books, etc., loose-leaf devices and fillers for such devices, inventory and similar blanks and indexes; and in related work, such as paper ruling and cutting, embossing, paper and card edging, map and sample mounting, etc. The binding done by manufacturers of books is included in Industry 832.	508	501
	SERVICE INDUSTRIES FOR THE PRINTING TRADES		
891	Machine and hand typesetting (including advertisement typesetting)..... Establishments primarily engaged in machine and hand typesetting for the trade, including advertisement typesetting.	508	*508
892	Engraving (steel, copperplate, and wood); plate printing..... Establishments primarily engaged in engraving and etching of steel and copperplates, for printing stationery, visiting and other cards, invitations, announcements, security certificates, music, maps, halftones, etc.; and printing from these plates; and making woodcuts for use in printing illustrations, posters, etc. Engraving for purposes other than printing is included in Industry 1571.	508	*504
893	Photoengraving, not done in printing establishments (including preparation of plates)..... Establishments primarily engaged in the making of photoengraved plates for printing illustrations, and art work, post cards, greeting cards, magazine covers, halftone engravings, etc. The establishments do not, as a rule, print from the plates which they make, but prepare them for use by others.	508	*507
894	Electrotyping and stereotyping, not done in printing establishments..... Establishments primarily engaged in the making of stereotype and electrotype plates. Such establishments do not, as a rule, print from the stereotype and electrotype plates, but prepare them for use by others.	508	512

*Part of; see last paragraph, p. 2.

Industry Group 9.—CHEMICALS AND ALLIED PRODUCTS

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	The Group as a Whole		
	This group of industries includes establishments producing basic chemicals and establishments manufacturing products by predominantly chemical operations. Establishments in the group manufacture, in general, three classes of products: (1) basic chemicals, such as acids, alkalis, salts, organic chemicals, etc.; (2) semifinished chemical products to be used in further manufacturing, such as rayon yarns, plastic materials, crude animal and vegetable oils, dry colors, pigments, etc.; (3) finished chemical products to be used for ultimate consumption, such as drugs, cosmetics, and soaps, etc., or for use as supplies in other industries, such as paints, fertilizers, explosives, etc. The manufacture of some chemicals is assigned to major groups other than this group; for example, (1) baking powder and other leavening compounds used in food manufacturing are included in Group 1; (2) embalming fluids, together with other morticians' goods, in Group 6; (3) artists' colors, together with other artists' materials, in Group 20. Salt, sodium compounds, and soluble mineral salts, produced from brine, are included in this group, but mining of natural rock salt is not considered a part of the manufacturing industries.		
	PAINTS, VARNISHES, AND COLORS		
911	Paints, varnishes, and lacquers ----- Establishments primarily engaged in the manufacture of paints in paste form or mixed ready for use, varnishes, lacquers, calcimines, enamels, etc.	626	*626
912	Colors and pigments ----- Establishments primarily engaged in the manufacture of colors and pigments, other than bone black, carbon black, and lampblack (Industry 986). Artists' oil and water colors are included in Industry 2054.	626	*626
	ANIMAL AND VEGETABLE OILS (NOT INCLUDING LUBRICANTS OR COOKING AND SALAD OILS)		
921	Cottonseed oil, cake, meal, and linters ----- Establishments primarily engaged in the manufacture of cottonseed oil, crude or refined; cake, meal, and linters. The refining of cottonseed oil into edible cooking fats and oils is included in Industry 192.	622	622
922	Linseed oil, cake, and meal -----	623	623
923	Soybean oil, cake, and meal -----	623	*625

*Part of; see last paragraph, p. 2.

**Industry Group 9.—CHEMICALS AND ALLIED PRODUCTS—
Continued**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	ANIMAL AND VEGETABLE OILS etc.—Continued		
924	Essential oils Establishments primarily engaged in the distilling and refining of natural essential oils and witch-hazel extract. The production of aromatic synthetic oils and perfume bases of coal-tar origin is included in Industry 999.	623	624
925	Fish and other marine oils, cake, and meal Establishments primarily engaged in the manufacture of fish oil and meal and other marine animal oils. The refining of fish oil for medicinal purposes is included in Industry 931.	623	*625
929	Vegetable and animal oils, not elsewhere classified Establishments primarily engaged in the manufacture of vegetable oils, other than cottonseed (921), linseed (922), soybean (923), and essential aromatic oils (924). This industry includes the manufacture of oils from castor beans, palm kernels, peanuts, etc. The refining of these oils into edible cooking fats and oils is included in Industry 192.	623	*625
	DRUGS, MEDICINES, TOILET PREPARATIONS, INSECTICIDES, AND RELATED PRODUCTS		
931	Drugs and medicines (including drug grinding) Establishments primarily engaged in the manufacture of drugs and medicines, and biological and pharmaceutical preparations. This industry also includes the grinding of drugs and herbs.	611	{ 611 612
932	Perfumes, cosmetics, and other toilet preparations Establishments primarily engaged in the manufacture of perfumes, cosmetics, and other toilet preparations such as toilet water, face powder, washes and lotions, hair tonic, tooth paste, and powders, etc.	611	628
933	Insecticides, fungicides, and related industrial and household chemical compounds Establishments primarily engaged in the manufacture of insecticides, fungicides, deodorants, and disinfectants for household and industrial use; also other industrial compounds, such as boiler, insulating, metal and oil treating and waterproofing compounds, etc.	611	{ 627 1614
	SOAP AND GLYCERIN		
941	Soap and glycerin Establishments primarily engaged in the manufacture of soap in any form, and the manufacture of crude and refined glycerin.	611	631
	RAYON AND ALLIED PRODUCTS		
951	Rayon and allied products Establishments primarily engaged in the manufacture of rayon and allied products in fiber, yarn, sheet, or in other forms.	629	629

*Part of; see last paragraph, p. 2.

**Industry Group 9.—CHEMICALS AND ALLIED PRODUCTS—
Continued**

1939 Industry No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Industry No.
	HARDWOOD DISTILLATION, CHARCOAL, AND NAVAL STORES		
961	Hardwood distillation and charcoal manufacture Establishments primarily engaged in hardwood distillation and the manufacture of charcoal.	633	*633
962	Wood naval stores Establishments primarily engaged in the manufacture of turpentine, rosin, and other products by distilling soft wood.	633	*633
963	Gum naval stores (processing but not gathering or warehousing) Establishments primarily engaged in the manufacture of turpentine and rosin by distilling pine gum. The manufacture of turpentine and rosin by wood distillation is included in Industry 962. The gathering or warehousing of pine gum is not considered a part of the manufacturing industries.	317	317
	FERTILIZERS		
970	Fertilizers Establishments primarily engaged in the manufacture of commercial fertilizers and superphosphates, or mixing of fertilizer materials.	614	614
	INDUSTRIAL CHEMICALS		
980	Tanning materials, natural dyestuffs, mordants, assistants, and sizes Establishments primarily engaged in the manufacture of natural dyestuffs, tanning extracts from wood, bark, and other vegetable materials and mordants, assistants, and sizes. The manufacture of these products from coal-tar is included in Industry 990.	632	632
981	Coal-tar products, crude and intermediate Establishments primarily engaged in the manufacture of coal-tar crudes and intermediates.	608	*608
982	Plastic materials Establishments primarily engaged in the manufacture of plastic materials and synthetic resins such as phenolic plastics, cassin, and celluloid, etc. The manufacture of rayon and allied products is included in Industry 951. The fabrication of finished products made of purchased plastic materials is classified in Industry 2080.	608	*608
983	Explosives Establishments primarily engaged in the manufacture of explosives, such as nitroglycerin, dynamite, blasting and smokeless powder, safety fuses, detonating caps, etc.	602	613
984	Salt Establishments primarily engaged in the manufacture of commercial salt from rock salt or from natural or artificial brine. The mining of rock salt is not included in the manufacturing industries.	100	630

*Part of; see last paragraph, p. 2.

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**Industry Group 9.—CHEMICALS AND ALLIED PRODUCTS—
Continued**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	INDUSTRIAL CHEMICALS—Continued		
985	Compressed and liquefied gases—not made in petroleum refineries or in natural gasoline plants ----- Establishments primarily engaged in the manufacture of gases for sale in compressed, liquid, and solid form, such as acetylene, chlorine, hydrocarbon gases, oxygen, carbon dioxide (dry ice), etc. The production of gases in compressed or liquefied form as by-products of petroleum refineries is included in Industry 1011; the production of natural gasoline is not included in the manufacturing industries.	610	610
986	Bone black, carbon black, and lampblack -----	606	606
990	Chemicals not elsewhere classified ----- Establishments primarily engaged in the manufacture of synthetic, organic and inorganic chemicals. Includes finished coal-tar products, industrial chemicals by electrochemical and electrometallurgical processes such as carbide, sodium and magnesium metals, ferro-alloys, acids, alkalis and salts and chemicals of all kinds by other processes not elsewhere classified. Production of copper, zinc, and aluminum are included in industry group 15 and artificial graphite and carborundum in group 13.	608	*608
	MISCELLANEOUS CHEMICAL PRODUCTS		
987	Printing ink ----- Establishments primarily engaged in the manufacture of printing inks of various colors, gold and bronze inks, and lithographic inks.	618	618
988	Ammunition ----- Establishments primarily engaged in the manufacture of ammunition for small arms. The manufacture of blasting and detonating caps and fuses is included in Industry 983.	602	602
989	Cleaning and polishing preparations, blackings, and dressings ----- Establishments primarily engaged in the manufacture of cleansers, washing powders, and washing compounds, containing no soap; dry cleaning preparations; metal, automobile, and other polishes; paint and varnish removers; blackings, waxes, stains, and dressings for fabricated leather and other materials; stove polish; burnishing inks, and related products.	611	604 609
990	Glue and gelatin ----- Establishments primarily engaged in the manufacture of glues and edible and inedible gelatin from animal and vegetable materials. The manufacture of dental glue is included in Industry 2023.	616	616
991	Grease and tallow (except lubricating greases) ----- Establishments primarily engaged in the rendering of grease and tallow from animal fat, bones, meat scraps, etc. The manufacture of lubricating greases is included in Industries 992 and 1011.	616	617

*Part of; see last paragraph, p. 2.

**Industry Group 9.—CHEMICALS AND ALLIED PRODUCTS—
Continued**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	MISCELLANEOUS CHEMICAL PRODUCTS—Con.		
992	Lubricating oils and greases—not made in petroleum refineries Establishments primarily engaged in the compounding of lubricating oils and greases from purchased oils and fats. Lubricating greases made in petroleum refineries are included in industry 1011.	616	704
993	Fireworks Establishments primarily engaged in the manufacture of fireworks of all kinds, flares, and railroad torpedoes and fuses. The manufacture of safety and detonating fuses is included in industry 983.	602	615
994	Candles Establishments primarily engaged in the manufacture of candles from purchased materials, such as fatty acids, mineral or animal waxes.	616	607
995	Bluing Establishments primarily engaged in the manufacture of laundry bluing, soluble and liquid, aniline blue, etc., made principally from indigo and Prussian blue.	100	605
996	Mucilage, paste, and other adhesives, except glue and rubber cement Establishments primarily engaged in the manufacture of mucilage, paste, mending cement, sealing wax and other adhesives, except glue and rubber cement which belong to other industries.	618	621
997	Writing ink Establishments primarily engaged in the manufacture of writing ink and fluids, indelible ink, drawing ink, etc.	618	619

Industry Group 10.—PRODUCTS OF PETROLEUM AND COAL

1939 Industry No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Industry No.
	The Group as a Whole		
	This group of industries includes establishments refining petroleum crude oil, and manufacturing coke and coke oven products, and products made from petroleum, coal, or natural gas (except lampblack). It includes paving and roofing materials. Gas manufactured and distributed to consumers is considered as a public utility and is not included here.		
	PETROLEUM REFINING		
1011	Petroleum refining ----- Establishments primarily engaged in the refining of crude petroleum by distillation. Establishments primarily engaged in compounding refined or partly refined petroleum products are not included in this industry, and establishments producing gasoline from natural gas at the wells are not included in the manufacturing industries. The principal products named in the order of their importance are gasoline, fuel oils, lubricating oils, and illuminating oils.	705	705
	COKE AND BYPRODUCTS		
1031	Beehive coke ----- Establishments primarily engaged in the production of coke by the beehive process.	701	*701
1032	Oven coke and coke-oven byproducts ----- Establishments primarily engaged in the manufacture of coke, coal gas, tar, and other products in "byproduct" coke ovens.	701	*701
	PAVING AND ROOFING MATERIALS		
1051	Paving blocks and paving mixtures: asphalt, creosoted wood, and composition ----- Establishments primarily engaged in the manufacture of paving blocks of asphalt, creosoted wood and various compositions, and manufacture of asphalt and tar paving mixtures. Brick, concrete, granite, and stone paving blocks are included in group 13.	100	1632
1052	Roofing, built-up and roll; asphalt shingles; roof coating (except paint) ----- Establishments primarily engaged in the manufacture of asphalt and other saturated roofing felts, in rolls or in shingle form, either smooth or faced with gut, and manufacture of roofing cements and coatings (except paint, 911).	1638	1638
	PRODUCTS OF PETROLEUM AND COAL NOT ELSEWHERE CLASSIFIED		
1091	Fuel briquets ----- Establishments primarily engaged in the manufacture of briquets and boulets from anthracite culm, bituminous slack, peat, etc., mixed with tar or pitch as a binder, and manufacture of charcoal briquets and powdered fuel.	100	702

*Part of; see last paragraph, p. 2.

Industry Group 11.—RUBBER PRODUCTS

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	The Group as a Whole		
	This group of industries includes establishments manufacturing rubber products of all kinds, such as tires, rubber footwear, mechanical rubber goods, and rubber sundries. This group also includes establishments specializing in reclaiming rubber or in retreading rubber tires. The manufacture of elastic webbing is included in the cotton narrow fabrics Industry 312, products made of elastic webbing in Industry 484, and the manufacture of garments from rubberized fabrics in Industry 486. The products of this industry may be made from natural rubber or from synthetic rubber the manufacture of which is classified in Industry 999.		
	TIRES AND INNER TUBES		
1111	Tires and inner tubes Establishments primarily engaged in the manufacture of pneumatic tires, inner tubes, and solid and cushion rubber tires for any class of vehicle.	801	803:
	RUBBER BOOTS AND SHOES		
1121	Rubber boots and shoes (including rubber-soled footwear with fabric uppers) Establishments primarily engaged in the manufacture of all-rubber footwear, waterproof fabric-upper footwear, and other fabric-upper footwear having rubber soles.	801	801'
	MISCELLANEOUS RUBBER INDUSTRIES		
1191	Reclaimed rubber Establishments primarily engaged in the reclaiming of rubber. This industry does not include the reclaiming of rubber in plants engaged in manufacturing rubber goods.	801	*802:
1199	Rubber products not elsewhere classified Establishments primarily engaged in the manufacture of rubber heels; soles, including composition or fiber; soling strips; mechanical soft rubber goods such as belts, hose and tubing, plumbers' supplies; hard rubber goods such as battery boxes, combs, cigar and cigarette holders, and druggists' sundries; rubber tile, flooring; rubberized fabrics and clothing; sponge rubber products; tire sundries and repair materials and tire retreading done on a factory basis.	801	*802:

*Part of; see last paragraph, p. 2.

Industry Group 12.—LEATHER AND LEATHER PRODUCTS

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	The Group as a Whole		
	<p>This group of industries includes establishments tanning, currying, and finishing hides and skins, and establishments manufacturing finished products of leather, such as industrial belting and packing, boot and shoe cut stock and findings, footwear, gloves and mittens, luggage, women's handbags, saddlery and harness, small leather goods, and miscellaneous leather goods. Establishments manufacturing similar articles made from fabric, such as fabric shoes, fabric handbags, fabric luggage, etc., are included in these industries. Regular manufacturers, contractors, and jobbers engaging contractors are within the scope of the Leather Industries.</p>		
	LEATHER: TANNED, CURRIED, AND FINISHED		
1211	<p>Leather: tanned, curried, and finished—regular factories or jobbers engaging contractors. This industry includes regular factories or jobbers engaging contractors who are engaged in tanning, currying, and finishing sole and belting leather, upper and lining leather, and the japanning and finishing of leather from their own materials.</p>	907	907
1212	<p>Leather: tanned, curried, and finished—contract factories. This industry includes factories engaged in tanning, currying, and finishing sole and belting leather, upper and lining leather, and the japanning and finishing of leather on a contract basis.</p>	907	927
	LEATHER PRODUCTS		
1221	<p>Industrial leather belting and packing leather. Establishments primarily engaged in the manufacture of leather belting used for transmission of power, and leather packing.</p>	901	901
1230	<p>Boot and shoe cut stock and findings. Establishments primarily engaged in the manufacture of soles, inner soles, and other cut stock including leather welting, shanks, heel and toe caps, leather shoe laces; finished wood heels and other boot and shoe findings are also included in this industry.</p>	902	902
1240	<p>Footwear (except rubber). Establishments primarily engaged in the manufacture of boots, shoes, sandals, slippers, moccasins, and allied footwear, and leggings, overgaiters, etc., made chiefly of leather, but to some extent of canvas and other textiles. The manufacture of house slippers, regardless of material, is included in this industry. Establishments manufacturing rubber-soled canvas footwear are included in Industry 1121.</p>	904	901

**Industry Group 12.—LEATHER AND LEATHER
PRODUCTS—Continued**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	LEATHER PRODUCTS—Continued		
1250	Leather gloves and mittens ----- Establishments primarily engaged in the manufacture of gloves and mittens exclusively of leather (except sporting and athletic gloves, Industry 2049). The manufacture of gloves and mittens of cloth and leather combined is included in Industries 480 and 481.	217	905
1260	Suitcases, briefcases, bags, trunks, and other luggage ----- Establishments primarily engaged in the manufacture of trunks, suitcases, bags, briefcases, and related luggage products, regardless of material.	906	910
1271	Women's pocketbooks, handbags, and purses ----- Establishments primarily engaged in the manufacture of women's handbags and purses regardless of material.	906	908
1272	Small leather goods ----- Establishments primarily engaged in the manufacture of small articles from leather, such as billfolds, card cases, cigarette cases, key cases, etc.	906	911
1291	Saddlery, harness, and whips ----- Establishments primarily engaged in the manufacture of saddles and parts, harness and parts, halters, horse boots, feed bags, whips and crops, whipstocks, whip handles, etc.	906	909
1299	Leather goods not elsewhere classified -----	906	*906

*Part of; see last paragraph, p. 2.

**Industry Group 13.—STONE, CLAY, AND GLASS
PRODUCTS**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1927 Indus- try No.
	The Group as a Whole		
	<p>This group of industries includes establishments primarily engaged in manufacturing flat glass and glass containers, cement, structural clay products, pottery, concrete and gypsum products, cut-stone products, abrasive and asbestos products, etc., from materials principally taken from the earth in the form of stone, clay, and sand. Mines or quarries located at, or near, the manufacturing plants producing cement, structural clay products, stone products, or lime, and used by these manufacturing plants as their own source of raw materials are classified together with the manufacturing plants in this group. All these instances where manufacturing and mining and quarrying are combined into one establishment and reported as manufacturing tend to decrease the relative importance of the primary industry, but reflect, however, the actual structure of industry in the United States.</p>		
	FLAT GLASS		
1310	Flat glass ----- Establishments primarily engaged in the manufacture of flat glass, including plate glass, clear window glass, ornamental and structural flat glass.	1008	*1008
	GLASSWARE, PRESSED OR BLOWN		
1321	Glass containers ----- Establishments primarily engaged in the manufacture of glass containers for packing and bottling and for home canning.	1008	*1008
1329	Tableware, pressed or blown glass and glassware not elsewhere classified ----- Establishments primarily engaged in the manufacture of handmade and pressed or blown glassware other than glass containers (1321); scientific, technical, and industrial glass; glass cooking utensils, etc.	1008	*1008
	GLASS PRODUCTS MADE OF PURCHASED GLASS		
1330	Mirrors and other glass products made of purchased glass ----- Establishments primarily engaged in the manufacture of mirrors; stained, leaded, ornamental and decorated glass; glass novelties; cutting, beveling, and etching of glass from purchased glass.	1016	1016
	CEMENT		
1340	Cement ----- Establishments primarily engaged in the manufacture of Portland, natural, masonry, and puzzolan cements.	1002	1002

*Part of; see last paragraph, p. 2.

**Industry Group 13.—STONE, CLAY, AND GLASS
PRODUCTS—Continued**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
STRUCTURAL CLAY PRODUCTS			
1351	Brick and hollow structural tile ----- Establishments primarily engaged in the manufacture of bricks and hollow structural tile, including conduit, silo and corn crib fireproofing, floor, arch, and combination tile, and flooring brick. The manufacture of fire-clay brick is included in Industry 1355, and sand-lime brick in Industry 1396.	1004	*1004
1352	Terra cotta ----- Establishments primarily engaged in the manufacture of architectural terra cotta.	1004	*1004
1353	Roofing tile ----- Establishments primarily engaged in the manufacture of roofing tile from clay.	1004	*1004
1354	Floor and wall tile (except quarry tile) ----- Establishments primarily engaged in the manufacture of floor tile, ceramic tile, mosaic tile, glazed or enameled tile including falence, white glazed or other tile used as floor or wall tile, except quarry tile.	1004	*1004
1355	Sewer pipe and kindred products ----- Establishments primarily engaged in the manufacture of sewer pipe and kindred products made of clay.	1004	*1004
1356	Clay refractories, including refractory cement (clay) ----- Establishments primarily engaged in the manufacture of fire-brick and other heat resisting clay products such as glass-house tank blocks, stoppers, floaters, and rings.	1004	*1004
1359	Clay products (except pottery) not elsewhere classified ----- Establishments primarily engaged in the manufacture of clay products such as stove lining, flue lining, chimney pipe and tops, wall coping, segment blocks, drain and quarry tile, etc.	1004	*1004
POTTERY AND RELATED PRODUCTS			
1361	Vitreous-china plumbing fixtures ----- Establishments primarily engaged in the manufacture of vitreous and semivitreous china plumbing fixtures from clay.	1004	*1017
1362	Hotel china ----- Establishments primarily engaged in the manufacture of hotel china from clay.	1004	*1017
1363	White ware ----- Establishments primarily engaged in the manufacture of semivitreous china types of earthenware, including cream color, white, granite, and semiporcelain ware.	1004	*1017
1364	Porcelain electrical supplies ----- Establishments primarily engaged in the manufacture of porcelain electrical insulation materials from clay.	1004	*1017

*Part of; see last paragraph, p. 2.

**Industry Group 13.—STONE, CLAY, AND GLASS
PRODUCTS—Continued**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	POTTERY AND RELATED PRODUCTS—Contd.		
1365	China firing and decorating (for the trade)..... Establishments primarily engaged in the manufacture of firing and decorating china for the trade. Small establishments firing and decorating china to individual order are not included in the manufacturing industries.	100	1003
1369	Pottery products not elsewhere classified..... Establishments primarily engaged in the manufacture of pottery not elsewhere classified. This industry includes porcelain china, bone china, delft and Belleek ware; chemical porcelain, chemical stoneware, etc.	1004	*1017
	CONCRETE, GYPSUM, AND PLASTER PRODUCTS		
1371	Concrete products..... Establishments primarily engaged in the manufacture of concrete building blocks and shapes, pipes, and conduit, and similar products such as poles and piling, vaults, etc., from a combination of stone or gravel, sand, and cement. This industry does not include concrete construction work on buildings, bridges, etc.	1005	1005
1372	Gypsum products..... Establishments primarily engaged in the manufacture of plaster, plasterboard, and other products composed wholly or chiefly of gypsum.	100	1022
1373	Mineral wool..... Establishments primarily engaged in the manufacture of mineral wool for insulation made of minerals such as rock, glass, slag, etc.	1020	*1020
1374	Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition..... Establishments primarily engaged in the manufacture of wall and insulating boards (other than gypsum, 1372), nonrigid thermal insulation and floor composition except mineral wool (1373), linoleum (374), and rubber flooring (1199). The manufacture of wallboard or insulating board on paper machines without further processing is included in the paper-board industry (720).	1020	*1020
1375	Lime..... Establishments primarily engaged in the manufacture of lime, chiefly from limestone and to a small extent from shells and other substances.	1002	1013

*Part of; see last paragraph, p. 2.

**Industry Group 13.—STONE, CLAY, AND GLASS
PRODUCTS—Continued**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	CUT-STONE AND STONE PRODUCTS		
1380	<p>Monuments, tombstones, cut-stone, and stone products not elsewhere classified.</p> <p>Establishments primarily engaged in cutting, shaping, and finishing marble, granite, slate, and other stone for building and miscellaneous uses, such as monuments and tombstones, stone furniture, and slate blackboards, etc., usually quarried by the same establishments engaged in cutting the stone to dimension. Establishments buying and selling finished or partly finished monuments and tombstones but doing no work on the stones other than lettering and finishing to custom order are not considered a part of the manufacturing industries. The cutting of grindstones, pulpstones, and whetstones in the quarry is not included in the manufacturing industries.</p>	1014	1014
	MISCELLANEOUS NONMETALLIC MINERAL PRODUCTS		
1391	<p>Abrasive wheels, stones, paper, cloth, and related products.</p> <p>Establishments primarily engaged in the manufacture of abrasive grinding wheels of emery, corundum, and other materials, natural or artificial; abrasive sticks, stones, bricks, paper, and cloths; buffing and polishing wheels, and abrasive grains. The cutting of grindstones, pulpstones, and whetstones in the quarry is not included in the manufacturing industries.</p>	1021	1021
1392	<p>Asbestos products (except steam packing and pipe and boiler covering).</p> <p>Establishments primarily engaged in the manufacture of asbestos textiles, asbestos building materials, and other commodities composed wholly or chiefly of asbestos, except steam and other packing and pipe and boiler covering and gaskets (1393).</p>	1001	1001
1393	<p>Steam and other packing; pipe and boiler covering.</p> <p>Establishments primarily engaged in the manufacture of packing for steam, water, and other pipe joints, and for engines, air compressors, etc.; insulating materials for covering boilers and pipes; and gaskets made of fiber, paper, or any combination of materials. Establishments primarily manufacturing cork gaskets are included in Industry 692, rubber gaskets in Industry 1199, and leather gaskets in Industry 1221. Establishments making two or more of these classes of gaskets are included in this industry.</p>	1001	1644
1394	<p>Natural graphite, ground and refined.</p> <p>Establishments primarily engaged in the extraction from the ore and refining of natural graphites (plumbago or black lead).</p>	100	1010

**Industry Group 13.—STONE, CLAY, AND GLASS
PRODUCTS—Continued**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	MISCELLANEOUS NONMETALLIC MINERAL PRODUCTS—Continued		
1395	Minerals and earths, ground or otherwise treated.----- Establishments primarily engaged in the grinding, pulverizing, or treating of certain earths, rocks, or minerals such as barium, barytes, borax, chalk, clays, Cornwall stone, corundum, emery, feldspar, kaolin, mica, pumice, quartz, silica, and talc.	100	1018
1396	Sand-lime brick, block and tile.-----	1005	1018
1397	Nonclay refractories.----- Establishments primarily engaged in the manufacture of crucibles and refractories made of materials other than clay.	1004	1023
1398	Statuary and art goods (except stone and concrete)— factory production.----- Establishments primarily engaged in factory produc- tion of such articles as statuary, vases, urns, brackets, flower boxes, fountains, plaques, mantels, columns, panels, moldings, pedestals, etc., other than those made of stone (1380) and concrete (1371), and orna- mental plaster work, architectural sculptures, small images, Scagliola, and papier-mâché articles.	100	1019

1939 INDUSTRY NO.

**Industry Group 14.—IRON AND STEEL AND THEIR
PRODUCTS, EXCEPT MACHINERY**

1939 Industry No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Industry No.
	The Group as a Whole		
	This group of industries includes establishments engaged primarily in the production of pig iron and steel; iron and steel castings; and the rolling and forging of iron and steel into semifinished and finished rolled and forged products; and in further fabricating of the same into a great variety of finished iron and steel commodities. The manufacture of some metal products is included in this group regardless of the kind of metal used. The more important instances of such overlapping are hardware, steam fittings, stamped and pressed metal products; wire and wire products; and construction materials such as ornamental metal work, plumbers' supplies, and metal or metal-covered doors, window frames and sash. This group does not include machinery and machine tool attachments and dies (group 17), automobile vehicles (group 18), and other transportation equipment (group 19).		
	BLAST FURNACES, STEEL WORKS, AND ROLLING MILLS		
1411	Blast furnace products Establishments primarily engaged in the manufacture of pig iron and <i>blast-furnace ferro-alloys</i> from ore and scrap. All blast furnaces are classified in this industry.	1110	1110
1412	Steel works and rolling mills Establishments primarily engaged in the manufacture of steel or the rolling of hot iron and steel. Products include steel ingots, semifinished and finished hot-rolled steel, and the further processing of same when produced in departments operated in connection therewith. Tin plate and terneplate are manufactured exclusively and wire and wire products to a considerable extent in departments of steel works and rolling mills. The production of steel castings is classified in Industry 1423.	1112	*1112
	IRON AND STEEL FOUNDRY PRODUCTS		
1421	Gray-iron and semisteel castings Establishments primarily engaged in the manufacture of gray-iron and semisteel castings.	1102	*1131
1422	Malleable-iron castings Establishments primarily engaged in the manufacture of malleable-iron castings.	1102	*1131
1423	Steel castings Establishments primarily engaged in the manufacture of steel castings.	1102	*1112
1424	Cast-iron pipe and fittings Establishments primarily engaged in the manufacture of cast-iron pipe and cast-iron pipe fittings.	1102	1102

*Part of; see last paragraph, p. 2.

**Industry Group 14.—IRON AND STEEL AND THEIR
PRODUCTS, EXCEPT MACHINERY—Continued**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
TIN CANS AND OTHER TINWARE			
1430	Tin cans and other tinware not elsewhere classified. ----- Establishments primarily engaged in the manufacture of packers' cans, general line cans, plain and decorated cans, pails, boxes, and packages; milk and ice-cream cans, household and cooking tinware and finished stamped tinware not elsewhere classified.	1129	1123
WIRE PRODUCTS			
1441	Wire drawn from purchased rods. ----- Establishments primarily engaged in the drawing of wire from purchased rods of iron, steel, and non-ferrous metals, and the further fabrication of wire products when done in the same plant. Wire departments of iron and steel rolling mills and non-ferrous rolling mills are classified in Industries 1412 and 1520, respectively.	1126	1126
1442	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills. ----- Establishments primarily engaged in the manufacture of nails, spikes, staples, and tacks from purchased nail and tack plate and wire.	1101	1113
1449	Wirework not elsewhere classified. ----- Establishments primarily engaged in the manufacture, from purchased wire, of fabricated wire products such as wire fencing, wire cloth and netting, wire rope and cable, wire springs, etc. The production of insulated wire from purchased plain wire is classified in Industry 1630.	1126	1127
CUTLERY, TOOLS, AND HARDWARE			
1451	Cutlery (except aluminum, silver, and plated cutlery) and edge tools. ----- Establishments primarily engaged in the manufacture of all kinds of edge tools such as chisels, knives, razors, and blades; scythes, axes, cutting dies (except metal-cutting dies, 1742), and cutlery (except aluminum, 1692, silver and silver-plated cutlery, 1661).	1103	1103
1452	Tools (except edge tools, machine tools, files, and saws). ----- Establishments primarily engaged in the manufacture of hand tools, such as are used by farmers, ironworkers, masons, mechanics, and plumbers. The manufacture of edge tools is included in Industry 1461, files in 1463, and saws in 1464.	1103	1125
1453	Files. ----- Establishments primarily engaged in the manufacturing and recutting of files and rasps.	1103	1105
1454	Saws. ----- Establishments primarily engaged in the manufacture of saw blades and complete hand saws.	1103	1116

INDUSTRY LIBRARY

**Industry Group 14.—IRON AND STEEL AND THEIR
PRODUCTS, EXCEPT MACHINERY—Continued**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	CUTLERY, TOOLS, AND HARDWARE—Con.		
1459	Hardware not elsewhere classified Establishments primarily engaged in the manufacture of door locks and lock sets, and other builders' hardware; hardware for caskets, furniture, cabinets, saddlery, harness, trunks, suitcases, and motor vehicles; locks and padlocks; vacuum bottles and jugs; and marine hardware. Some products, retailed and generally regarded as hardware, are covered by separate industry classifications, such as bolts and nuts (1491), nails and spikes (1442), cutlery (1451), and hand tools (1452).	1101	1109
	HEATING APPARATUS AND PLUMBERS' SUPPLIES		
1461	Enameled-iron sanitary ware and other plumbers' supplies (not including pipe and vitreous and semivitreous china sanitary ware) Establishments primarily engaged in the manufacture of enameled-iron sanitary ware and other plumbers' supplies such as plumbers' brass goods, etc., except pipe (1424 and 1493) and vitreous and semivitreous china sanitary ware (group 13).	1114	1114
1462	Oil burners, domestic and industrial Establishments primarily engaged in the manufacture of burners consuming distillate or fuel oil used for application to heating and cooking equipment and for industrial process equipment and for generation of steam for power. Boiler burner units and furnace burner units, complete, are included in Industries 1464 and 1465, respectively.	1119	*1119
1463	Power boilers and associated products Establishments primarily engaged in the manufacture of power boilers, smokestacks, heavy tanks, plate work (cut, punched, and shaped for assembly on job), and similar boiler-shop products.	1122	1130
1464	Steam and hot-water heating apparatus (including hot-water furnaces) Establishments primarily engaged in the manufacture of cast iron and steel steam and hot water heating boilers and parts, cast iron and nonferrous radiators; gas- and oil-fired radiators, gas and oil boiler burner units complete.	1119	*1119
1465	Stoves, ranges, water heaters, and hot-air furnaces (except electric) Establishments primarily engaged in the manufacture of stoves, ranges, warm-air furnaces, space heaters, and water heaters (except electric). Includes oil and gas warm air furnaces complete with burners.	1119	*1119

*Part of; see last paragraph, p. 2.

**Industry Group 14.—IRON AND STEEL AND THEIR
PRODUCTS, EXCEPT MACHINERY—Continued**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	HEATING APPARATUS AND PLUMBERS' SUPPLIES—Continued		
1466	Steam fittings, regardless of material. ----- Establishments primarily engaged in the manufacture of steam fittings and specialties, such as thermostats and other temperature-control devices, gages, regulators, traps, reducing valves, etc.	1119	*1119
1469	Heating and cooking apparatus, except electric, not else- where classified. ----- Establishments primarily engaged in the manufacture of heating equipment not elsewhere classified, such as incubators, brooders, incinerators, unit heaters, gas burners, portable ovens, steam tables, and other cafeteria, hotel, and kitchen apparatus.	1119	*1119
	METAL STAMPING, ENAMELING, GALVANIZ- ING, JAPANING, AND LACQUERING		
1471	Vitreous enameled products, including kitchen, house- hold, and hospital utensils. ----- Establishments primarily engaged in the manufacture of vitreous kitchen, household, and hospital utensils; table tops; refrigerator, stove, and washing-machine parts, etc. The production of enameled ware plumbing fixtures is classified in Industry 1461.	1129	*1129
1472	Automobile stampings. ----- Establishments primarily engaged in the manufacture of automobile stampings. Assembling of complete automobile parts is classified in group 18.	1129	*1129
1473	Stamped and pressed metal products (except automobile stampings). ----- Establishments primarily engaged in the manufacture of metal stampings not elsewhere classified, such as bottle caps and tops, stamped household and hospital utensils, perforated metal, stamped and pressed machine parts, etc. Custom stamping for the trade is classified in this industry.	1129	*1129
1474	Enameling, japanning, and lacquering. ----- Establishments primarily engaged in enameling, japanning, and lacquering of metal products owned by others.	1129	*1129
1475	Galvanizing and other coating—carried on in plants not operated in connection with rolling mills. ----- Establishments primarily engaged in the galvanizing or coating of steel and iron sheets or formed products with zinc; coating of steel and iron sheets or formed products with aluminum and lead; retinning of cans and utensils.	100	1108

*Part of; see last paragraph, p. 2.

**Industry Group 14.—IRON AND STEEL AND THEIR
PRODUCTS, EXCEPT MACHINERY—Continued**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	FABRICATED STRUCTURAL STEEL AND ORNAMENTAL METAL WORK		
1481	Fabricated structural steel and ornamental metal work, made in plants not operated in connection with rolling mills. Establishments primarily engaged in the manufacture of structural and ornamental metal work, both ferrous and nonferrous, for buildings, bridges, and other purposes. Products include fabricated structural steel stairs and staircases, fire escapes, grilles, railings, iron fences and gates, fence posts, fabricated bars and rods for reinforcing concrete, ornamental iron, steel and nonferrous metal work for buildings. The production of fabricated steel plate is included in Industry 1463.	1122	1122
1482	Doors, window sash, frames, molding, and trim (made of metal). Establishments primarily engaged in the manufacture of ferrous and nonferrous solid metal, hollow metal, and metal covered doors; and door frames, window sash and frames, store fronts, partitions, molding and trim.	1122	1104
	MISCELLANEOUS IRON AND STEEL PRODUCTS		
1491	Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills. Establishments primarily engaged in the manufacture of bolts, nuts, rivets, lock washers, plate washers, turnbuckles, togglebolts, etc. The production of machine screws is included in Industry 1495.	1101	1101
1492	Forgings, iron and steel—made in plants not operated in connection with rolling mills. Establishments primarily engaged in the manufacture of light and heavy drop and steam hammer forgings, such as chains, anchors, axles, frogs, and forged parts for automotive equipment, machinery, railway equipment, etc.	100	1107
1493	Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills. Establishments primarily engaged in the manufacture of wrought welded pipe and tubes; lock joint and heavy riveted pipe.	1114	1128
1494	Springs, steel (except wire)—made in plants not operated in connection with rolling mills. Establishments primarily engaged in the manufacture of leaf springs, hot-wound springs (for railroad equipment, vehicles, agricultural and mining machinery, etc.). The production of wire springs is included in Industry 1449.	1118	1118

**Industry Group 14.—IRON AND STEEL AND THEIR
PRODUCTS, EXCEPT MACHINERY—Continued**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	MISCELLANEOUS IRON AND STEEL PRODUCTS—Continued		
1495	Screw-machine products and wood screws ----- Establishments primarily engaged in the manufacture of machine screws, cap and set screws and other small articles made on screw machines; and wood screws.	1101	1117
1496	Steel barrels, kegs, and drums ----- Manufacture of steel barrels and drums with welded side seams (heavy types); welded side seam and lock side seam (light types); and other metal casings with welded side seam and lock side seam; steel packages, kegs, and palls, etc.	1129	1120
1497	Firearms ----- Manufacture of small firearms, and parts, such as pistols, revolvers, rifles, and shotguns.	1103	1106
1498	Safes and vaults ----- Manufacture of vault doors and linings, and safe-deposit boxes and chests, safes and vaults, except grave vaults (871 and 1371).	100	1115
1499	Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills ----- Manufacture of flat bright cold-rolled strip steel, including razor-blade strip, cold-rolled sheets, and cold-finished steel bars.	1112	*1328

*Part of; see last paragraph, p. 2.

CENSUS LIBRARY

Industry Group 15.—NONFERROUS METALS AND THEIR PRODUCTS

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	The Group as a Whole		
	<p>This group of industries includes establishments primarily engaged in primary and secondary smelting and refining of nonferrous metals; in alloying, rolling, and drawing nonferrous metals; and in manufacturing nonferrous metal products. This group includes establishments manufacturing sheet metal products, regardless of material, not classified in other groups; establishments electroplating, plating and polishing, and engraving on metal except for printing purposes; and establishments engaged in lapidary work. Some of the nonferrous metals are used to a large extent in manufacturing products assigned to other groups, such as wire and plumbers' brass goods in group 14.</p>		
1510	<p>Primary smelting and refining of nonferrous metals</p> <p style="text-align: center;">ALLOYING AND ROLLING AND DRAWING</p>		
1520	<p>Alloying; and rolling and drawing of nonferrous metals, except aluminum</p> <p>Establishments primarily engaged in the alloying of nonferrous metals other than aluminum from new metals. This industry classification does not include establishments engaged principally in the recovery of nonferrous metals or nonferrous metal alloys from new or used scrap and the casting of such metals into ingots, pigs, or bars <i>without alloying</i>. The process of recovery of such metals is classified in Industry 1532. The industry includes also establishments primarily engaged in production of rolled, drawn, or extruded products of nonferrous metals, or nonferrous alloys (except aluminum or aluminum alloys), such as plates and sheets, rods, tubing, pipe, and wire and wire products when produced in departments of nonferrous metal rolling mills from materials rolled in the same plant. Wire drawn from purchased rods, and wire products made from purchased wire are classified in Industries 1441 and 1449, respectively.</p>	1212	*1212

*Part of; see last paragraph, p. 2.

Industry Group 15.—NONFERROUS METALS AND THEIR PRODUCTS—Continued

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	SECONDARY SMELTING AND REFINING OF NONFERROUS METALS AND ALLOYS		
1531	Secondary smelting and refining, gold, silver, and platinum Establishments primarily engaged in smelting, refining, and alloying gold, silver, and platinum from sweepings, clippings, and scrap.	1212	1209
1532	Secondary smelting and refining of nonferrous metals, not elsewhere classified Establishments primarily engaged in the recovery of nonferrous metals and nonferrous metal alloys from new or used scrap metals <i>without alloying</i> . The process of <i>alloying</i> is classified as part of Industry 1520. The purchase and sale or the sorting of scrap metal without processing is not to be included.	1212	1217
	CLOCKS AND WATCHES		
1541	Clocks, watches, and materials and parts (except watchcases) Establishments primarily engaged in the manufacture of clocks (including electrical), watches, clockwork operated devices, and clock and watch materials and parts, except watch cases (1542), and crystals (glass crystals in 1330, and unbreakable crystals in 2086). The assembling of clocks and watches from purchased movements and purchased cases is included in the industry.	1202	1202
1542	Watchcases	1202	1222
	JEWELRY		
1551	Jewelry (precious metals) Establishments primarily engaged in the manufacture of jewelry for personal adornment (including related products, such as cigarette cases and lighters, vanity cases, compacts, etc.) made from precious or semi-precious metals with or without precious stones; gold trimmings for umbrellas, canes, etc., diamond settings and mountings. Costume jewelry and nonprecious metal jewelry manufacturing is included in Industry 2071.	1210	1210
1552	Jewelers' findings and materials Establishments primarily engaged in the manufacture of unassembled jewelry parts (except gems and stones, 1553), and stock-shop products, such as sheet, wire and tubing.	1210	1224
1553	Lapidary work Establishments primarily engaged in the cutting and polishing of diamonds and other precious stones; drilling pearls; recutting and setting stones; preparing jewels for surveyors' and electrical instruments and for watches and chronometers, and real and imitation stones for emblems. Much of the work is done for the trade on materials owned by others.	1210	1623

Industry Group 15.—NONFERROUS METALS AND THEIR PRODUCTS—Continued

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No
	SILVERWARE AND PLATED WARE		
1561	Silverware and plated ware ----- Establishments primarily engaged in the manufacture of knives, forks, spoons and other flatware, hollow ware, toilet ware, ecclesiastical ware, etc., made of solid silver, metal plated with silver, gold, or other metal, of nickel silver, or of pewter.	1213	1213
	ENGRAVING ON METAL, PLATING, AND POLISHING		
1571	Engraving on metal (except for printing purposes) ----- Establishments primarily engaged in engraving, chasing, and etching on jewelry and silverware, notarial seals, and other nonferrous metal products for purposes other than printing.	100	503
1572	Electroplating, plating, and polishing ----- Establishments primarily engaged in all types of electroplating, plating, and metal polishing work for the trade.	100	1205
	LIGHTING FIXTURES		
1530	Lighting fixtures ----- Establishments primarily engaged in the manufacture of lighting fixtures and other lighting equipment for homes, offices, public buildings, and outdoor use; lamps and headlights for motor vehicles, locomotives, etc., searchlights, spotlights, and floodlights; lamps and lanterns; reflectors and shades. (Electric bulbs are classified in Industry 1650).	1207	1207
	NONFERROUS METAL PRODUCTS NOT ELSEWHERE CLASSIFIED		
1591	Nonferrous metal foundries (except aluminum) ----- Nonferrous metal foundries primarily engaged in manufacturing castings (not including die-casting, 1593, 1599) of all nonferrous metals except aluminum (1592 and 1593).	1212	*1212
1592	Aluminumware, kitchen, hospital, and household (except electrical appliances) ----- Establishments primarily engaged in the manufacture of aluminum cooking ware, stamped, spun, or cast (except electric, 1620), and other ware, for use in kitchen, hospital, and household.	1212	*1201
1593	Aluminum products (including rolling and drawing and extruding), not elsewhere classified ----- Establishments primarily engaged in the manufacture of plates, sheets, rods, tubing, pipe, wire, castings, bars, airplane and engine parts, and aluminum products not elsewhere classified. The extraction of aluminum from the ore is classified in Industry 1519, and the recovery of aluminum from scrap is classified in Industry 1532.	1212	*1201
1594	Collapsible tubes -----	1208	1203

*Part of; see last paragraph, p. 2.

Industry Group 15.—NONFERROUS METALS AND THEIR PRODUCTS—Continued

1939 Industry No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	NONFERROUS METAL PRODUCTS NOT ELSEWHERE CLASSIFIED—Continued		
1595	Gold and silver leaf and foil Manufacture of packs or rolls of gold or silver foil by goldbeating establishments.	1208	1208
1596	Tin and other foils (except gold and silver foil) Establishments primarily engaged in the manufacture of tin and other foils except gold and silver foils (1595).	1208	1220
1597	Sheet-metal work not specifically classified Establishments primarily engaged in the manufacture of cornices, ventilators, skylights, gutters, and other types of sheet-metal work for buildings (but not fabrication work done by construction contractors at the place of construction) and manufacture of sheet-metal stove pipes, air ducts, tanks, bins, furnace casings, etc.	1129	1204
1599	Nonferrous metal products not elsewhere classified	1212	*1212

*Part of; see last paragraph, p. 2.

Industry Group 16.—ELECTRICAL MACHINERY

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	The Group as a Whole		
	This group of industries includes establishments primarily engaged in manufacturing any type of machinery, apparatus, and supplies for the generation, storage, transmission, transformation, and utilization of electric energy.		
	ELECTRICAL EQUIPMENT FOR INDUSTRIAL USE		
1611	Wiring devices and supplies Establishments primarily engaged in the manufacture of wiring devices, wiring supplies, insulation and insulating materials, conduits and fittings, and lightning arresters. The production of decorative lighting outfits is included in Industry 1580 and the production of porcelain insulators is included in Industry 1364.	1303	*1303
1612	Carbon products for the electrical industry, and manufactures of carbon or artificial graphite Establishments primarily engaged in the manufacture of carbons; carbon, graphite, and metal-graphite brushes; electrodes, and miscellaneous specialties.	1303	*1303
1613	Electrical measuring instruments Establishments primarily engaged in the manufacture of measuring instruments, meter transformers, and indicating instruments.	1303	*1303
1619	Generating, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified Establishments primarily engaged in the manufacture of electrical prime movers and other electric power equipment, including steam-turbine generator sets, for employment in the generation, transmission, or utilization of electric energy. Products of this industry include motors, generators, transformers, switchboards, panelboards, and other transmission accessories (except insulated wire, 1630, and conduit, 1611); welding apparatus, etc. The production of machines operated by detachable electric motors is included in group 17.	1303	*1303
	ELECTRICAL APPLIANCES		
1620	Electrical appliances Establishments primarily engaged in the manufacture of household electrical appliances used for heating, cooking, cooling, cleaning, etc. Products of this industry include electric fans, irons, mixers, percolators and hot plates, vacuum cleaners, etc., except electric refrigerators (1784). Water heaters belong in this industry.	1303	*1303

*Part of; see last paragraph, p. 2.

Industry Group 16.—ELECTRICAL MACHINERY—Continued

1939 Industry No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Industry No.
	INSULATED WIRE AND CABLE		
1630	Insulated wire and cable. ----- Establishments primarily engaged in the manufacture of insulated or armored wire and cable for transmitting electrical energy. The manufacture of uninsulated wire is included in Industry 1441.	1303	*1303
	AUTOMOTIVE ELECTRICAL EQUIPMENT		
1640	Automotive electrical equipment. ----- Establishments primarily engaged in the manufacture of automotive electrical equipment such as ignition apparatus, spark plugs, starters, and generators, etc.	1303	*1303
	ELECTRIC LAMPS		
1650	Electric lamps. ----- Establishments primarily engaged in the manufacture of incandescent light bulbs, mercury arc, and other electric lights. The production of electric lighting equipment and fixtures is included in Industry 1580.	1303	*1303
	COMMUNICATION EQUIPMENT AND RELATED PRODUCTS		
1661	Radios, radio tubes, and phonographs. ----- Establishments primarily engaged in the manufacture of radio receiving sets, radio transmitters, television sets, radio receiving and transmitting tubes, phonographs and accessories.	1319	1319
1662	Communication equipment. ----- Establishments primarily engaged in the manufacture of telephone and telegraph equipment; electric signaling apparatus (other than railway); signals and attachments (railway); see Industry 2085, and miscellaneous radio parts except loud speakers and microphones which are included in Industry 1361.	1303	*1303
	ELECTRICAL PRODUCTS NOT ELSEWHERE CLASSIFIED		
1691	Batteries, storage and primary (dry and wet). ----- Establishments primarily engaged in the manufacture of storage batteries, dry batteries, and wet primary batteries.	1303	*1303
1692	X-ray and therapeutic apparatus and electronic tubes. ----- Establishments primarily engaged in the manufacture of electrotherapeutic and electromedical apparatus, X-ray apparatus (exclusive of tubes), non-radio electronic tubes and X-ray tubes. Dental apparatus is included in Industry 2023.	1303	*1303
1699	Electrical products not elsewhere classified. ----- Establishments primarily engaged in the manufacture of miscellaneous electrical equipment not classified in any of the above industries.	1303	*1303

*Part of; see last paragraph, p. 2.

Industry Group 17.—MACHINERY (EXCEPT ELECTRICAL)

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	The Group as a Whole		
	This group of industries includes establishments primarily engaged in manufacturing machinery and equipment other than electrical (see Industry 1619), and prime movers. Machines that are powered by a removable electric motor and portable tools, both electric and pneumatic powered, generally are included in this group.		
	ENGINES AND TURBINES		
1711	Steam engines, turbines, and water wheels Establishments primarily engaged in the manufacture of steam engines and steam turbines and water wheels and water turbines.	1304	*1304
1712	Internal-combustion engines Establishments primarily engaged in the manufacture of Diesel and semi-Diesel engines and internal-combustion engines not elsewhere classified. The manufacture of aircraft engines is included in Industry 1921 and automobile engines in Industry 1810.	1304	*1304
	AGRICULTURAL MACHINERY AND TRACTORS		
1721	Tractors Establishments primarily engaged in the manufacture of agricultural or industrial tractors.	1301	*1301
1729	Agricultural machinery (except tractors) Establishments primarily engaged in the manufacture of agricultural machinery and equipment except tractors (1721) for use in the preparation or maintenance of the soil, the planting and harvesting of the crop, and machines for preparing crops for market and for use, and other operations and processes pertaining to agriculture. The manufacture of agricultural hand tools and certain forged parts such as plowshares is included in group 14.	1301	*1301
	CONSTRUCTION, MINING, AND RELATED MACHINERY		
1731	Construction and similar machinery (except mining and oil-field machinery and tools) Establishments primarily engaged in the manufacture of heavy machinery used by the construction industries for portable or fixed plant operation.	1324	1324 *1305
1732	Oil-field machinery and tools Establishments primarily engaged in the manufacture of machinery and tools for use in oil and gas fields. Similar equipment for use in drilling water wells is also included.	1305	*1305

*Part of; see last paragraph, p. 2.

Industry Group 17.—MACHINERY (EXCEPT ELECTRICAL)—Continued

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	CONSTRUCTION, MINING, AND RELATED MACHINERY—Continued		
1733	Mining machinery and equipment Establishments primarily engaged in the manu- facture of machinery and equipment for use in min- ing, including coal-sawing machinery, coal breakers, cars and trucks, excluding dredges (1731).	1305	*1305
	METALWORKING MACHINERY		
1741	Machine tools Establishments primarily engaged in the manufac- ture of power-driven machinery employing a cutting tool for work on metal called "machine tools." Bend- ing, forging, punching, and forming machinery, which shapes or forms metal without cutting, is in- cluded in Industry 1749, and machine tool accessories, dies, and machinists' precision tools in Industry 1742.	1307	*1307
1742	Machine-tool and other metalworking machinery acces- sories, metal-cutting and shaping tools, and ma- chinists' precision tools Establishments primarily engaged in the manufacture of accessories for use in machine tools, including dies, machinists' precision tools, or specialized equipment other than forged or shaped hand tools that are classified in group 14.	1307	1318
749	Metalworking machinery and equipment, not elsewhere classified Establishments primarily engaged in the manufacture of machinery for the shaping, pressing or forging of metal, where the shaping action of such machines is not dependent upon a cutting tool.	1307	{ *1307 *1305
	SPECIAL INDUSTRY MACHINERY		
1751	Food-products machinery Establishments primarily engaged in the manufacture of machinery for use by the food-products and bever- age industries in the preparation, canning, or packag- ing of foods. All refrigeration machinery is included in Industry 1784.	1305	*1305
1752	Textile machinery Establishments primarily engaged in the manufacture of machinery for the textile industry. This group does not include domestic or industrial sewing ma- chines, which are classified in Industry 1783.	1313	1313
1753	Woodworking machinery Establishments primarily engaged in the manufacture of machinery for cutting, shaping, and finishing of wood products. Hand tools, such as planes, axes, drawknives, etc., are classified in group 14.	1305	*1305
1754	Paper-mill, pulp-mill, and paper-products machinery Establishments primarily engaged in the manufacture of machinery for the paper-pulp, paper, and paper products industries. Manufacture of printing-trades machinery is classified in Industry 1755.	1305	*1305

*Part of; see last paragraph, p. 2.

**Industry Group 17.—MACHINERY (EXCEPT
ELECTRICAL)—Continued**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	SPECIAL INDUSTRY MACHINERY—Continued		
1755	Printing-trades machinery and equipment Establishments primarily engaged in the manufacture of machinery and apparatus used by the printing and bookbinding trades. The manufacture of textile printing machinery is classified in Industry 1752.	1325	1325
1759	Special industry machinery, not elsewhere classified Establishments primarily engaged in the manufacture of special industry machinery, not elsewhere classified. Cotton-ginning machinery and specialized rubber-working machinery, etc., are included in this industry.	1305	*1305
	GENERAL INDUSTRIAL MACHINERY		
1760	Measuring and dispensing pumps Establishments primarily engaged in the manufacture of equipment commonly used in automobile service and filling stations for dispensing gasoline, oils, and grease, including grease guns.	1309	*1309
1761	Pumping equipment and air compressors Establishments primarily engaged in the manufacture of pumps, compressors, and pumping equipment of general utility to industry.	1309	*1309
1762	Elevators, escalators, and conveyors Establishments primarily engaged in the manufacture of elevators, escalators, and conveyor systems and equipment.	1305	*1305
1763	Cars and trucks, industrial Establishments primarily engaged in the manufacture of industrial cars and trucks for use in conveying ore, supplies, freight, and similar materials within the confines of a plant. This industry does not include vehicular and automotive cars and trucks classified in Industry 1810 nor tractors, Industry 1721, nor mining cars and trucks, Ind. 1733.	1305	*1305
1764	Blowers; exhaust and ventilating fans Establishments primarily engaged in the manufacture of blowing, exhaust, and ventilating equipment for general industrial use.	1305	*1305
1765	Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks) Establishments primarily engaged in the manufacture of mechanical measuring instruments, except electric meters (1613), and watches and clocks (1541).	1620	*1629
1766	Mechanical power-transmission equipment Establishments primarily engaged in the manufacture of mechanical power-transmission equipment such as clutches, drives, shafts, bearings, and parts for the same.	1305	*1326
1767	Stokers, mechanical, domestic and industrial Establishments primarily engaged in the manufacture of domestic and industrial stokers for anthracite and bituminous coal, hopper fed, and those with conveyor for direct feed from bin.	1305	*1395

*Part of; see last paragraph, p. 24

**Industry Group 17.—MACHINERY (EXCEPT
ELECTRICAL)—Continued**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	GENERAL INDUSTRIAL MACHINERY—Con.		
1768	Machine shop products, not elsewhere classified This classification represents that group of machine shops engaged in the production of machine parts and equipment, other than complete machines, for the trade.	1305	*1326
1769	Industrial machinery, not elsewhere classified Manufacture of machinery for general use and for which no special classification is provided.	1305	*1305
1770	Machine-shop repairs Establishments equipped with power-driven machinery for the repairing and reconditioning of all types and kinds of industrial, commercial, and domestic machinery and equipment, not including motor vehicle repairing.	1305	*1326
	OFFICE AND STORE MACHINES		
1771	Office and store machines, not elsewhere classified Establishments primarily engaged in the manufacture or assembly, for sale, of all kinds of business office machines such as typewriters, calculating, addressing, mailing, duplicating, tabulating, and card punching machines; check-writing, signing, canceling machines, perforators, and other protective devices, and all other business machines.	1302	*1302 1314
1772	Vending, amusement, and other coin-operated machines Establishments primarily engaged in the manufacture of all coin-operated mechanisms and complete coin-operated vending and amusement machines. Complete coin-operated phonographs are classified in Industry 1661, and scales and balances in Industry 1776.	1305	*1305
1776	Scales and balances	1302	1311
	HOUSEHOLD AND SERVICE-INDUSTRY MACHINES		
1781	Laundry equipment, domestic Establishments primarily engaged in the manufacture of laundry equipment such as driers, ironers, washing machines, and wringers for household use.	1313	1315
1782	Commercial laundry, dry-cleaning, and pressing machinery	1305	*1305
1783	Sewing machines, domestic and industrial	1313	1312
1784	Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment and complete air-conditioning units Establishments primarily engaged in the manufacture of complete domestic and commercial refrigerators; compressors, evaporators or condensers, for sale separately or in assembled units, known to the trade as complete systems, high sides, or low sides; domestic and commercial cabinets; display, storage, etc., cases.	1310	1310

*Part of; see last paragraph, p. 2.

Industry Group 18.—AUTOMOBILES AND AUTOMOBILE EQUIPMENT

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
The Group as a Whole			
This group includes two industries: 1810, Motor vehicles, motor-vehicle bodies, parts and accessories, and 1820, Automobile trailers for attachment to passenger cars.			
1810	Motor vehicles, motor-vehicle bodies, parts and accessories. Establishments primarily engaged in the manufacture or assembly of complete motor vehicles, motor-vehicle chassis, bodies, and such parts and accessories as gears, wheels, radiators, bumpers, shock-absorbers, frames, horns, windshield wipers, etc.; and trailers for motor-trucks and truck tractors. This industry does not include establishments manufacturing tires and tubes (1111), springs (1449, 1494), ignition apparatus, batteries, starting and lighting equipment (1640), headlights (1580), sheet-metal stampings (1472), hardware (1459), etc.	1408	{ 1408 *1407
1820	Automobile trailers (for attachment to passenger cars). Establishments primarily engaged in the manufacture or assembly of trailers for passenger cars.	1408	*140

*Part of; see last paragraph, p. 2.

**Industry Group 19.—TRANSPORTATION EQUIPMENT
EXCEPT AUTOMOBILES**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	The Group as a Whole		
	This group of industries includes establishments primarily engaged in manufacturing equipment for transportation by air, land, and water. Establishments producing automobiles are included in group 18, and those producing children's vehicles in group 20.		
	RAILROAD EQUIPMENT		
1911	Locomotives (including frames) and parts: railroad, mining and industrial. ----- Establishments primarily engaged in building and rebuilding rail-traction locomotives: steam, compressed air, Diesel-electric, straight-electric, gasoline-electric, straight internal-combustion, etc.	1405	1406
1912	Cars, and car equipment—railroad, street, and rapid-transit. ----- Establishments primarily engaged in building, rebuilding, and repairing railroad, street, and rapid-transit cars for operation on rails for freight and for passenger service. Some of these cars may include an engine as an integral part of the car. Establishments manufacturing industrial and mining rail cars are included in Industry 1763.	1405	1405
	AIRCRAFT AND PARTS		
1921	Aircraft and parts, including aircraft engines. ----- Establishments primarily engaged in the manufacture of complete aircraft, both heavier-than-air and lighter-than-air, including gliders, balloons, and parachutes. This industry also includes the manufacture of parts peculiarly for aircraft, such as aircraft engines, propellers, propeller blades, and pontoons.	1401	{ 1401 *1304
	SHIP AND BOAT BUILDING AND REPAIRING		
1931	Shipbuilding and ship repairing. ----- Establishments primarily engaged in building and repairing ships of 5 gross tons and over of all types; steel and wood, self-propelled by sail or motive power or not self-propelled, such as barges, canal boats, lighters, etc.	1410	*1410
1932	Boat building and boat repairing. ----- Establishments primarily engaged in building and repairing boats of less than 5 gross tons of all types, steel or wood, such as inboard and outboard motor-boats, yachts, sailboats, rowboats, lifeboats (motor-propelled and hand-propelled), canoes, etc.	1410	*1410

*Part of; see last paragraph, p. 2.

**Industry Group 19.—TRANSPORTATION EQUIPMENT
EXCEPT AUTOMOBILES—Continued**

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	MOTORCYCLES, BICYCLES, AND PARTS		
1941	Motorcycles, bicycles, and parts Establishments primarily engaged in the manufacture of complete motorcycles and side cars; bicycles; motorcycle and bicycle parts, such as saddles, seat posts, frames, handlebars, etc. The assembling of complete motorcycles or bicycles from purchased parts is included in this industry.	1409	1409
	TRANSPORTATION EQUIPMENT NOT ELSE- WHERE CLASSIFIED		
1999	Transportation equipment not elsewhere classified Establishments primarily engaged in the manufacture of transportation equipment not elsewhere classified, such as horse-drawn vehicles (carriages, wagons, sleighs, and sleds) and parts, wheelbarrows, etc. The manufacture of children's vehicles is included in Industry 2043.	1404	1404

Industry Group 20.—MISCELLANEOUS INDUSTRIES

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	<p style="text-align: center;">The Group as a Whole</p> <p>This group of industries includes establishments primarily engaged in manufacturing a wide variety of products not included in other major manufacturing groups. The products fall into the following subclassifications:</p> <ul style="list-style-type: none"> Buttons. Costume jewelry and miscellaneous products. Miscellaneous industries not elsewhere classified. Musical instruments. Pens, pencils, stencils, and artists' materials. Professional and scientific instruments. Photographic apparatus and optical goods. Surgical and dental instruments, equipment, and supplies. Toys and sporting and athletic goods. <p>PROFESSIONAL AND SCIENTIFIC INSTRUMENTS, PHOTOGRAPHIC APPARATUS, AND OPTICAL GOODS</p>		
2011	<p>Professional and scientific instruments (except surgical and dental).....</p> <p>Establishments primarily engaged in the manufacture of professional and scientific instruments, such as surveyors', nautical, and aeronautical; barometers; thermometers (except clinical, 2021); compasses; and instruments for laboratory work and scientific research, except microscopes and telescopes (2013). The production of surgical and dental instruments and equipment is classified in Industry 2021.</p>	1620	*1620
2012	<p>Photographic apparatus and materials and projection equipment (except lenses).....</p> <p>Establishments primarily engaged in the manufacture of photographic and motion-picture cameras and projection apparatus, and associated materials and supplies such as films, sensitized paper and plates, reels, tanks, tripods, etc. The production of lenses is classified in Industry 2013.</p>	1636	1636
2013	<p>Optical instruments and lenses.....</p> <p>Establishments primarily engaged in the grinding of lenses and manufacturing of microscopes, telescopes, field glasses, and related optical instruments. Establishments manufacturing eyeglass frames or lenses or complete eyeglasses are classified in Industry 2014.</p>	1631	*1631
2014	<p>Ophthalmic goods: lenses and fittings.....</p> <p>Establishments primarily engaged in the grinding of ophthalmic lenses and manufacturing of ophthalmic goods. Retail establishments, fitting eyeglasses to individual order, are not considered a part of the manufacturing industries.</p>	1631	*1631

*Part of; see last paragraph, p. 2.

Industry Group 20.—MISCELLANEOUS INDUSTRIES—Con.

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	SURGICAL, MEDICAL, AND DENTAL INSTRUMENTS, EQUIPMENT, AND SUPPLIES		
2021	Surgical and medical instruments ----- Establishments primarily engaged in the manufacture of surgical, veterinarian, orthopedic and other medical instruments, and clinical thermometers. Household and industrial thermometers are classified in Industry 2011.	1620	*1620
2022	Surgical supplies and equipment not elsewhere classified; orthopedic appliances ----- Establishments primarily engaged in the manufacture of surgical appliances and supplies, including surgical dressings and elastic goods, and artificial limbs. Medical and surgical instruments are classified in Industry 2021.	1645	1645
2023	Dental equipment and supplies ----- Establishments primarily engaged in the manufacture of mechanical devices and other equipment for use by dentists.	1611	1611
	MUSICAL INSTRUMENTS AND PARTS		
2031	Pianos ----- Establishments primarily engaged in the manufacture of complete pianos, with or without player attachments.	1628	1630
2032	Organs ----- Establishments primarily engaged in the manufacture of complete pipe organs and reed organs.	1628	1629
2033	Piano and organ parts and materials ----- Establishments primarily engaged in the manufacture of piano and organ parts and materials for sale as such. The production of complete pianos and organs is classified in Industries 2031 and 2032.	1628	1627
2039	Musical instruments, parts, and materials not elsewhere classified ----- Establishments primarily engaged in manufacture of all kinds of complete musical instruments, except pianos (2031) and organs (2032); and in manufacturing parts and materials for all kinds of musical instruments except piano and organ parts (2033).	1628	1628
	TOYS AND SPORTING AND ATHLETIC GOODS		
2041	Games and toys (except dolls and children's vehicles) ----- Establishments primarily engaged in the manufacture of games for adults, such as dice games, etc.; and all games and toys for children, except dolls (2042) and children's vehicles (2043). Playing cards are classified in Industry 799, and adult gaming equipment for outdoor sport and athletics in Industry 2049.	1648	*1648
2042	Dolls (except rubber) ----- Establishments primarily engaged in the manufacture of all kinds of dolls and doll parts (except rubber, 1199), and doll clothing.	1648	*1648

*Part of; see last paragraph, p. 2.

Industry Group 20.—MISCELLANEOUS INDUSTRIES—Con.

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	TOYS AND SPORTING AND ATHLETIC GOODS—Continued		
2043	Children's vehicles Establishments primarily engaged in the manufacture of baby carriages, children's sleds, wagons, tricycles, and other children's vehicles.	1648	1655
2049	Sporting and athletic goods not elsewhere classified Establishments primarily engaged in the manufacture of sporting and athletic goods, not elsewhere classified. This industry covers billiard and pool tables, bowling alleys, etc. Athletic apparel is classified in group 4, ammunition in Industry 988, and firearms in Industry 1497.	1642	{ 1642 302
	PENS, PENCILS, STENCILS, AND ARTISTS' MATERIALS		
2051	Pens, mechanical pencils, and pen points Establishments primarily engaged in the manufacture of complete fountain pens, stylographic pens, mechanical pencils, gold, steel, and other metal pen points, rubber holders, and other parts.	1634	1634 *1633
2052	Pencils (except mechanical) and crayons Establishments primarily engaged in the manufacture of wood-cased lead pencils, holders and leads manufactured for sale as such, and crayons. The production of mechanical pencils is classified in Industry 2051.	1634	*1633
2053	Hand stamps, stencils, and brands Establishments primarily engaged in the manufacture of rubber and metal stamps, dies, seals, and presses; steel letters and figures; stencils for use in painting, marking, or in addressing machines; irons for branding articles of merchandise, etc.	100	1618
2054	Artists' materials Establishments primarily engaged in the manufacture of materials for art work.	100	1603
2055	Carbon paper and inked ribbons Establishments primarily engaged in manufacture of carbon paper for typewriters, sales books, etc., stencil paper, and inked ribbons for typewriters, adding machines, cash registers, etc.	1607	1607
	BUTTONS		
2061	Buttons Establishments primarily engaged in the manufacture of buttons, parts of buttons, and button blanks and molds, of all materials except precious metal and precious or semiprecious stones (1551).	1606	1606

*Part of; see last paragraph, p. 2.

Industry Group 20.—MISCELLANEOUS INDUSTRIES—Con.

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	COSTUME JEWELRY AND MISCELLANEOUS PRODUCTS		
2071	Costume jewelry and costume novelties (jewelry other than fine jewelry) ----- Establishments primarily engaged in the manufacture of costume jewelry, costume novelties and ornaments made of all materials except precious metal and precious stones (1551).	100	*1612
2072	Jewelry cases and instrument cases ----- Establishments primarily engaged in the manufacture of cases, fancy boxes and trays for jewelry, instruments, cutlery, eyeglasses, combs, cigarettes, pipes, toilet sets, etc.	100	1622
2073	Lamp shades ----- Establishments primarily engaged in the manufacture of lamp shades of all materials except glass (Industry 1330) and metal (groups 14 and 15).	100	*1612
2074	Feathers, plumes, and artificial flowers ----- Establishments primarily engaged in the manufacture of artificial flowers, fruits, and foliage made of all materials except glass (1330); and establishments primarily engaged in producing fancy feathers, plumes, and articles made principally of feathers and plumes. This industry includes establishments curling, dyeing, and renovating ostrich feathers for the trade.	100	{ 1601 1613
	MISCELLANEOUS INDUSTRIES, NOT ELSEWHERE CLASSIFIED		
2081	Brooms ----- Establishments primarily engaged in the manufacture of household brooms, whiskbrooms, and industrial brooms, of broom corn, bassine, etc.; and street-sweeping brooms made of heavier materials.	1604	1604
2082	Brushes ----- Establishments primarily engaged in the manufacture of paint brushes and all other kinds of brushes from any material except rubber.	1604	1605
2083	Beauty-shop and barber-shop equipment ----- Establishments primarily engaged in the manufacture of special furniture, devices, and equipment for use in beauty shops and barber shops.	1653	1653
2084	Furs, dressed and dyed ----- Establishments primarily engaged in scraping, currying, tanning, bleaching, and dyeing of pelts, and dressing of hair and bristles.	100	1616
2085	Signs, advertising displays, and advertising novelties ----- Establishments primarily engaged in the manufacture of neon signs, electrical, mechanical, cut-out, or plate signs, advertising displays, and advertising novelties.	1640	1640

*Part of; see last paragraph, p. 2.

Industry Group 20.—MISCELLANEOUS INDUSTRIES—Con.

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
	MISCELLANEOUS INDUSTRIES, NOT ELSEWHERE CLASSIFIED—Continued		
2086	Fabricated plastic products, not elsewhere classified Establishments primarily engaged in the manufacture of finished products (not elsewhere classified) made of synthetic resins, cellulose compounds, casein or galalith. Articles made of pressed wood pulp are classified in Industry 794. The manufacture of cellulose plastics and phenolic resins for sale as such is classified in Industry 933.	315	*315
2087	Umbrellas, parasols, and canes Establishments primarily engaged in the manufacture of complete umbrellas, parasols, and canes, and frames, handles, parts, and trimmings for the same, except those of precious metal (1551).	100	1649
2088	Tobacco pipes and cigarette holders Establishments primarily engaged in the manufacture of tobacco pipes of all materials, and cigarette and cigar holders except hard rubber (1199).	100	1637
2091	Soda fountains, beer dispensing equipment, and related products Establishments primarily engaged in the manufacture of complete soda fountains, beer dispensing equipment, tanks, siphons, and other parts and accessories.	100	1641
2092	Models and patterns (except paper patterns) Establishments primarily engaged in the manufacture of models, patterns, and forms of all materials, except paper patterns (799) and shoe-display forms (695).	100	1625
2093	Hair work Establishments primarily engaged in the manufacture of wigs, switches, braids, puffs, and related articles made largely from human hair but in some cases from mohair or other animal hair.	100	1617
2094	Wool pulling Establishments primarily engaged in detaching wool from sheepskins.	100	1654
2095	Needles, pins, hooks and eyes, and slide and snap fasteners Establishments primarily engaged in the manufacture of machine and hand needles, knitting and sewing; toilet and safety pins, wire hairpins, etc.; glove fasteners, snap fasteners, slide fasteners, hooks and eyes, etc.	1211	1211
2096	Fire extinguishers, chemical Establishments primarily engaged in the manufacture of portable fire extinguishers, hose reels, and other apparatus, except motor propelled (1810) and appliances for fire extinguishing by means of chemicals; chemical preparations for use with such apparatus and appliances; hand grenades for fire extinguishing, etc.	100	1206

Industry Group 20.—MISCELLANEOUS INDUSTRIES—Con.

1939 Indus- try No.	CLASSIFICATIONS, 1939	1939 Form No.	1937 Indus- try No.
2099	<p style="text-align: center;">MISCELLANEOUS INDUSTRIES, NOT ELSEWHERE CLASSIFIED—Continued</p> <p>Miscellaneous fabricated products not elsewhere classified. Establishments primarily engaged in the manufacture of theatrical scenery, advertising curtains; combs and hairpins (other than metal or rubber), hair ornaments, beaded articles, holiday goods, celluloid novelties, and many other small articles not covered by distinct classifications.</p>	100	{ 1609 1646 *1612
9011	<p style="text-align: center;">SPECIAL INQUIRY</p> <p>Motion pictures, not including projection in theaters.... Studios and laboratories primarily engaged in all processes and activities connected with the production of motion-picture films, such as the preparation and photography of scenes, the development of exposed films, the printing of projection films, and other studio and laboratory work necessary in connection with the production of projection films for use. <i>It does not, however, include the distribution of these films and their projection in theaters.</i></p>	1679	1679

*Part of; see last paragraph, p. 2.