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## APPENDIXES

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- A. Legal Provision for Biennial Census of Manufactures.
- B. General Schedule.
- C. Lists of Industries, with Descriptions.

## APPENDIX A

### LEGAL PROVISION FOR BIENNIAL CENSUS OF MANUFACTURES

Sec. 17. That the Director of the Census be, and he is hereby, authorized and directed to collect and publish, for every second year after 1927, statistics of manufacturing industries; and the director is hereby authorized to prepare such schedules as in his judgment may be necessary.

Sec. 10. That it shall be the duty of every owner, official, agent, person in charge, or assistant to the person in charge, of any company, business, institution, establishment, religious body, or organization of any nature whatsoever, to answer completely and correctly to the best of his knowledge all questions relating to his respective company, business, institution, establishment, religious body, or other organization, or to records or statistics in his official custody, contained on any census schedule prepared by the Director of the Census under the authority of this act, or of the act to provide for a permanent Census Office, approved March 6, 1902, or of acts amendatory thereof or supplemental thereto; and any person violating the provisions of this section by refusing or willfully neglecting to answer any of said questions shall be guilty of a misdemeanor, and upon conviction thereof shall be fined not exceeding \$500, or imprisoned for a period not exceeding 60 days, or both so fined and imprisoned, and any person violating the provisions of this section by willfully giving answers that are false shall be fined not exceeding \$10,000 or imprisoned for a period not exceeding one year, or both.

Sec. 11. That the information furnished under the provisions of this act shall be used only for the statistical purposes for which it is supplied. No publication shall be made by the Census Office whereby the data furnished by any particular establishment or individual can be identified, nor shall the Director of the Census permit anyone other than the sworn employees of the Census Office to examine the individual reports.

**APPENDIX B**

**GENERAL SCHEDULE**

(SEE GENERAL EXPLANATIONS, SECTION 24, P. 6)

CENSUS OF MANUFACTURES: 1929

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CONFIDENTIAL GOVERNMENT REPORT

File No. \_\_\_\_\_

FOR OFFICE USE ONLY

(State and County)

(City)

(Industry Number)

Form 100

DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS

WASHINGTON

The law makes it obligatory upon every manufacturer to furnish census data. All answers will be held in strict confidence.

CENSUS OF MANUFACTURES, 1929

REQUIRED BY ACT OF CONGRESS APPROVED JUNE 18, 1929

GENERAL SCHEDULE

Under the law, no one not a sworn employee of the Bureau of the Census will be permitted to examine your report, and no information can or will be given out by the Bureau of the Census to any person outside that Bureau, whether in Government or in private life, which would disclose, exactly or approximately, any of the facts or figures in your report.

GENERAL INSTRUCTIONS.—Reports are required from all plants. Separate reports are required for plants in different counties and for those in different cities having 10,000 inhabitants or more. A combined report may be made for two or more plants in the same city or in the same county when located in places with fewer than 10,000 inhabitants. Name and location of each plant must be specified. Data for mining and quarrying should be omitted. (See accompanying instructions in regard to transportation and merchandising activities.)

1. DESCRIPTION OF PLANT.—If this report covers more than one plant, give name and location of each, under "Remarks," page 4. (See "General Instructions," above.)

- a. NAME OF PLANT \_\_\_\_\_
- b. NAME OF OWNER OR OPERATOR \_\_\_\_\_  
Is this owner or operator an incorporated concern? \_\_\_\_\_ (Yes or No)
- c. STATE \_\_\_\_\_ d. CITY, TOWN, OR VILLAGE \_\_\_\_\_  
LOCATION OF PLANT (Yes or No)
- e. COUNTY \_\_\_\_\_ f. STREET AND NUMBER \_\_\_\_\_
- g. POST OFFICE ADDRESS IF DIFFERENT FROM LOCATION (d) \_\_\_\_\_
- h. IS PLANT LOCATED WITHIN BOUNDARIES OF CITY, TOWN, OR VILLAGE AS INCORPORATED? \_\_\_\_\_ If not, name the township, borough, or other civil division in which the plant is located. \_\_\_\_\_ (Yes or No)
- i. IS THIS A NEW PLANT WHICH STARTED OPERATIONS AFTER JANUARY 1, 1928? \_\_\_\_\_ (Yes or No)
- j. INDICATE BY CHECK MARK (✓) IN PROPER SPACE WHETHER, SINCE JANUARY 1, 1928, THIS PLANT HAS CHANGED ITS NAME \_\_\_\_\_; LOCATION \_\_\_\_\_; OWNERSHIP \_\_\_\_\_; GENERAL NATURE OF BUSINESS \_\_\_\_\_ If so, give former name, location, ownership, or nature of business \_\_\_\_\_
- k. IS THIS PLANT A BRANCH OR SUBSIDIARY OF SOME OTHER CONCERN? \_\_\_\_\_ If so, give name and address of such concern. \_\_\_\_\_ (Yes or No)

2. CHARACTER OF INDUSTRY.—These answers should be as definite as possible in brief space, indicating specific products and materials, not broad general classes. Return with the schedule a card, catalogue, or other printed matter ordinarily used by the concern to show the nature of its business.

- a. PRODUCTS \_\_\_\_\_ (Specify chief kinds of goods manufactured or kinds of work done)
- b. MATERIALS USED \_\_\_\_\_ (Specify principal kinds of materials or stock, in order of importance)

3. PERIOD COVERED.—This report should relate preferably to the calendar year 1929; but it may be made to cover the business or fiscal year ending within the period from April 1, 1929, to March 31, 1930. It should, in either case, cover a full year's operations, unless the plant was newly organized or went out of business within the year.

The fiscal year or period covered by the information given below— { Began \_\_\_\_\_, 192\_\_  
Ended \_\_\_\_\_, 19\_\_

4. TIME IN OPERATION AND HOURS OF LABOR:

- a. NUMBER OF DAYS THE PLANT WAS OPERATED DURING PERIOD COVERED \_\_\_\_\_ (Give the number of days the plant, or any important part of it, was in operation. Days when shut down for repairs or for other causes should not be included. Do not include Sundays and holidays unless the plant was in actual operation.)  
(In answering b, c, and d, give figures based on practice followed during the year, without attempting to indicate minor variations; take note of e.)
- b. NORMAL NUMBER OF HOURS PLANT WAS OPERATED: PER DAY \_\_\_\_\_; PER WEEK \_\_\_\_\_
- c. NORMAL NUMBER OF SHIFTS PER DAY \_\_\_\_\_
- d. NORMAL NUMBER OF HOURS PER WEEK FOR THE INDIVIDUAL WAGE EARNER \_\_\_\_\_  
Does this number of hours refer to a 6-day, a 5½-day, or a 5-day week, or to some other basis (specify)? \_\_\_\_\_
- e. IF DURING PROLONGED PERIODS THE PLANT WORKED PART TIME (part of the normal working days per week or part of the normal hours per day), GIVE REASONS AND APPROXIMATE DATES \_\_\_\_\_

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**5. PERSONS ENGAGED.**—Number December 14, 1929, as per pay roll. If this was not a representative day, give data for the nearest representative or normal day, stating here what date is used. Do not count the same person twice under different headings.

	MALE	FEMALE
a. PROPRIETOR OR FIRM MEMBERS (not applicable to incorporated companies)..... <i>Salaried employees as follows:</i>		
b. PRINCIPAL OFFICERS OF CORPORATIONS. (Do not include directors unless holding other offices on salary).....		
c. MANAGERS, SUPERINTENDENTS, AND OTHER RESPONSIBLE ADMINISTRATIVE EMPLOYEES; FOREMEN AND OVERSEERS WHO DEVOTE ALL OR THE GREATER PART OF THEIR TIME TO SUPERVISORY DUTIES; CLERKS, STENOGRAPHERS, BOOKKEEPERS, AND OTHER CLERICAL EMPLOYEES ON SALARY. (Do not include foremen and overseers in minor positions; see 5-d.).....		
Total salaried employees (sum of b and c).....		
d. WAGE EARNERS.—(Report skilled and unskilled workers of all classes, including engineers, firemen, watchmen, packers, etc.; also foremen and overseers in minor positions who perform work similar to that done by the employees under their supervision. Include pieceworkers employed in the plant covered by this report, but do not include persons working in other plants or at home on materials furnished by your establishment.).....		

**6. WAGE EARNERS EMPLOYED, BY MONTHS.**—Give number on pay roll for week which included 15th day of month, if this was a normal week. If not, give number for a normal week. (Follow instructions under Inquiry 5-d as to who are to be included.) Figures given in this inquiry should relate to *calendar year 1929*. If remainder of report refers to some other period, give under "Remarks" (page 4) figures for those months in 1928 or 1930 which fall within that period. (See Inquiry 3.)

Jan. ....	Feb. ....	Mar. ....	Apr. ....	May.....	June.....
July.....	Aug. ....	Sept. ....	Oct. ....	Nov. ....	Dec. ....

**7. SALARIES AND WAGES.**—Amounts paid during the period covered by this report. Include bonuses or percentages of profits when paid either to officers and salaried employees or to wage earners.

a. TOTAL AMOUNT OF SALARIES OF PRINCIPAL OFFICERS OF CORPORATIONS (see Inquiry 5-b) ..... \$.....

b. TOTAL AMOUNT OF SALARIES OF MANAGERS, SUPERINTENDENTS, AND OTHER RESPONSIBLE ADMINISTRATIVE EMPLOYEES; FOREMEN AND OVERSEERS; CLERKS, STENOGRAPHERS, BOOKKEEPERS, AND OTHER CLERICAL EMPLOYEES ON SALARY (see Inquiry 5-c) ..... \$.....

c. TOTAL AMOUNT PAID TO WAGE EARNERS, AS DEFINED UNDER INQUIRY 5-d..... \$.....

Aggregate of salaries and wages (sum of items a, b, and c)..... \$.....

**8. MATERIALS, FUEL, AND ELECTRIC CURRENT.**—The items entered below should relate *preferably* to the amounts of materials, fuel, and electric current *actually used* during the period covered; but if it is impracticable to report materials and fuel on this basis, enter the costs of the amounts purchased during the period. Include freight and haulage costs, but not the cost of haulage performed by the plant's own employees and equipment if practicable to segregate it. Place a check mark (✓) after the word "used" or "purchased," as the case may be, in the space below.

The entries for materials and fuel, as given for this inquiry, refer to the costs of the amounts—  
} Used.....  
} Purchased.....

a. COST OF ALL MATERIALS AND RAW STOCK ACTUALLY USED (including those transferred from other plants under the same ownership) during the period covered by this report, which entered into the products manufactured, together with the cost of containers for sale with products. Do not include cost of mill or shop supplies..... \$.....

b. COST OF FUEL ACTUALLY USED (including that transferred from mines, wells, or plants under the same ownership) during the period covered by this report (total of items in Inquiry 11-a)..... \$.....

c. COST OF PURCHASED ELECTRIC CURRENT (see Inquiry 11-b)..... \$.....

Total cost of materials, fuel, and electric current (sum of a, b, and c)..... \$.....

**9. PRODUCTS.**—Report the net selling values at the plant of all products of your own manufacture shipped or delivered to customers (or to warehouses on customers' accounts) during the period covered; or, if transferred to other plants under the same ownership, the value at which the transfers were made. All products, including by-products, should be covered. The principal products should be reported separately. Values should include those of containers sold with products. Report value at the factory (not at some other point of delivery).

PRODUCTS (report chief products separately)	QUANTITY	VALUE
a. ....		\$.....
b. ....		\$.....
c. ....		\$.....
d. All other (specify).....		\$.....
e. Contract work done in your plant on materials furnished by others (total receipts).....		\$.....
f. Custom work and repairing (total receipts).....		\$.....
Total value of products.....		\$.....

If the value of the products actually *manufactured* during the period covered by this report *differed by more than 10 per cent* from that of the products *shipped or delivered*, give also, in the space indicated, the exact or estimated value, *based on selling prices f. o. b. factory*, of the products *manufactured* (including receipts for contract and custom work and repairing).

Value of products manufactured, \$.....

CENSUS OF MANUFACTURES: 1929

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**10. POWER EQUIPMENT.**—Give figures for equipment as of the end of the period covered by this report.

*Important Note.*—The form of this inquiry is different from that previously used, the purpose being to distinguish between active and inactive prime movers and generators. It is desired, at the same time, to obtain a total which shall be comparable with that reported at the 1927 census, when the inquiry called simply for a combined total of "all power equipment in the plant, active and emergency." By "emergency" equipment is meant that which is capable of being put into operation promptly, but which is used only in case of breakdown of the active equipment or at rather rare intervals when an exceptional load occurs. Equipment which is regularly used, but not usually on full time, should be classed as active.

	NUMBER	HORSEPOWER
<b>a. PRIME MOVERS—total, active and emergency:</b>		
Steam engines.....		
Steam turbines.....		
Internal-combustion engines (oil, gas, gasoline, etc.).....		
Water wheels and turbines.....		
Total of above.....		
Rated horsepower of above equipment which is not ordinarily active (included in "Total of above").....	X X X X X	X X X X X X X X
<b>b. ELECTRIC MOTORS DRIVEN BY PURCHASED CURRENT—total, active and emergency.....</b>		
<b>c. ELECTRIC MOTORS DRIVEN BY CURRENT GENERATED IN PLANT—total, active and emergency.....</b>		
<b>d. ELECTRIC GENERATORS DRIVEN BY PRIME MOVERS IN THE PLANT (do not include rotary converters or motor-generator sets)—total, active and emergency.....</b>		KILOWATTS
Rated capacity of generators which are not ordinarily active (included in "Total, active and emergency").....	X X X X X	X X X X X X X X

**11. FUEL AND ELECTRIC CURRENT:**

**a. FUEL USED** (including that transferred from mines, wells, or plants under the same ownership) during the period covered by this report. Include fuel used for all purposes—for power, heat, and light, or as material for making gas, coke, etc.—but do not include oil or gas if none is used except for lighting.

	UNIT OF QUANTITY	QUANTITY	COST DELIVERED AT FACTORY
Coal, anthracite.....	Long ton.....		\$.....
Coal, bituminous.....	Short ton.....		\$.....
Coke.....	Short ton.....		\$.....
Fuel oils (including crude oil and gas oils).....	Gallon.....		\$.....
Gasoline and kerosene.....	Gallon.....		\$.....
Natural gas.....	M cu. ft.....		\$.....
Manufactured gas.....	M cu. ft.....		\$.....
<b>Total cost.....</b>			\$.....

**b. ELECTRIC CURRENT.** (Report current generated or purchased during the year for all uses; but a plant which buys current for lighting *only* should not report it.)

	KILOWATT HOURS	COST
Generated in the plant.....		X X X X X X X
Purchased.....		\$.....

**12. DISTRIBUTION OF SALES.**—Report below, in the proper spaces, the values (at f. o. b. factory prices) of goods shipped or delivered to customers (or to warehouses on customers' accounts) during the period covered. The total should be the same as the total given for Inquiry 9, Products. If exact figures are not available, give the best possible approximations.

	AMOUNT
<b>a. SALES TO MANUFACTURERS AND INTERPLANT TRANSFERS.....</b>	\$.....
<b>b. SALES TO RAILROADS, PUBLIC-UTILITY COMPANIES, AND CONTRACTORS.....</b>	\$.....
<b>c. SALES THROUGH BRANCH HOUSES WHICH ARE CONDUCTED AS DISTINCT WHOLESALE MERCHANDISING ESTABLISHMENTS.....</b>	\$.....
<b>d. SALES THROUGH MANUFACTURERS' AGENTS, BROKERS, AND COMMISSION HOUSES.....</b>	\$.....
<b>e. SALES THROUGH WHOLESALE AND JOBBERS (INCLUDING EXPORTING HOUSES).....</b>	\$.....
<b>f. SALES TO RETAILERS, INCLUDING RETAIL STORES OWNED BY MANUFACTURER.....</b>	\$.....
<b>g. SALES TO HOTELS, RESTAURANTS, AND INSTITUTIONS.....</b>	\$.....
<b>h. SALES TO HOME CONSUMERS (THROUGH FIELD AGENTS OR OTHERWISE).....</b>	\$.....
<b>i. SALES NOT DISTRIBUTED ABOVE (INDICATE CHANNELS THROUGH WHICH SOLD):</b>	\$.....
<b>Total sales (same as total for Inquiry 9).....</b>	\$.....

THIS IS TO CERTIFY that the information contained in this report is correct and complete to the best of my knowledge and belief, and covers the period from ....., 192..., to ....., 19.....

(Signature and official title of person furnishing the information)

(Signature of special agent)

(Address)

APPENDIXES

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REMARKS: .....

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## APPENDIX C

### LISTS OF INDUSTRIES, WITH DESCRIPTIONS

#### INDUSTRIES, 1929—ALPHABETICAL LIST

[The figure or figures preceding the last two in each industry number indicate the group number]

Industry No.	INDUSTRY	Industry No.	INDUSTRY
1301	Agricultural implements.	211	Clothing, work (including sheep-lined and blanket-lined work coats but not including shirts), men's.
1401	Aircraft and parts.	212	Cloth sponging and refinishing.
601	Alcohol, ethyl, and distilled liquors.	110	Coffee and spice, roasting and grinding.
1201	Aluminum manufactures.	701	Coke, not including gas-house coke.
602	Ammunition and related products.	1203	Collapsible tubes.
1601	Artificial and preserved flowers and plants.	213	Collars, men's.
201	Artificial leather.	1609	Combs and hairpins, not made from metal or rubber.
1603	Artists' materials.	610	Compressed and liquefied gases.
1001	Asbestos products, other than steam packing or pipe and boiler covering.	1005	Concrete products.
202	Asphalted-felt-base floor covering.	111	Condensed and evaporated milk.
203	Awnings, tents, sails, and canvas covers.	112	Confectionery.
204	Bags, other than paper, not made in textile mills.	306	Cooperage.
401	Bags, paper, exclusive of those made in paper mills.	1204	Copper, tin, and sheet-iron work, including galvanized-iron work, not elsewhere classified.
603	Baking powders, yeast, and other leavening compounds.	214	Cordage and twine.
301	Baskets and rattan and willow ware, not including furniture.	307	Cork products.
901	Belting, leather.	113	Corn sirup, corn sugar, corn oil, and starch.
205	Belting other than leather and rubber, not made in textile mills.	215	Corsets and allied garments.
101	Beverages.	216	Cotton goods.
302	Billiard and pool tables, bowling alleys, and accessories.	217	Cotton small wares.
604	Blacking, stains, and dressings.	1096	Crucibles.
605	Bluing.	1103	Cutlery (not including silver and plated cutlery) and edge tools.
1101	Bolts, nuts, washers, and rivets, not made in plants operated in connection with rolling mills.	1610	Dairymen's supplies; creamery, cheese-factory, and butter-factory equipment; and poultrymen's and apiarists' supplies.
606	Bone black, carbon black, and lampblack.	1611	Dental goods and equipment.
501	Bookbinding and blank-book making.	1104	Doors, shutters, and window sash and frames, metal.
902	Boot and shoe cut stock, not made in boot and shoe factories.	611	Druggists' preparations.
903	Boot and shoe findings, not made in boot and shoe factories.	612	Drug grinding.
904	Boots and shoes, other than rubber.	1677	Dyeing and cleaning establishments.
801	Boots and shoes, rubber.	218	Dyeing and finishing textiles.
303	Boxes, cigar, wooden.	1303	Electrical machinery, apparatus, and supplies.
402	Boxes, paper, not elsewhere classified.	1205	Electroplating.
304	Boxes, wooden, except cigar boxes.	219	Embroideries.
102	Bread and other bakery products.	1007	Emery wheels and other abrasive and polishing appliances.
1604	Brooms.	1304	Engines, turbines, tractors, and water wheels.
1605	Brushes, other than rubber.	502	Engravers' materials.
103	Butter.	503	Engraving (other than steel, copperplate, or wood), chasing, etching, and diesinking.
1606	Buttons.	504	Engraving, steel and copperplate, and plate printing.
607	Candles.	505	Engraving, wood.
104	Canning and preserving: Fish, crabs, shrimps, oysters, and clams.	405	Envelopes.
105	Canning and preserving: Fruits and vegetables; pickles, jellies, preserves, and sauces.	308	Excelsior.
1501	Car and general construction and repairs, electric-railroad repair shops.	613	Explosives.
1502	Car and general construction and repairs, steam-railroad repair shops.	1612	Fancy and miscellaneous articles, not elsewhere classified.
1607	Carbon paper and inked ribbons.	1613	Feathers, plumes, and manufactures thereof.
403	Cardboard, not made in paper mills.	114	Feeds, prepared, for animals and fowls.
404	Card cutting and designing.	220	Felt goods, wool, hair, or jute.
206	Carpets and rugs, rag.	614	Fertilizers.
207	Carpets and rugs, wool, other than rag.	1105	Files.
1402	Carriage, wagon, sleigh, and sled materials.	1106	Firearms.
1403	Carriages and sleds, children's.	1206	Fire extinguishers, chemical.
1404	Carriages, wagons, sleighs, and sleds.	615	Fireworks.
1405	Cars, electric and steam railroad, not built in railroad repair shops.	221	Flags and banners.
1302	Cash registers and adding, calculating, and card-tabulating machines.	115	Flavoring extracts and flavoring sirups.
305	Caskets, coffins, burial cases, and other morticians' goods.	222	Flax and hemp, dressed.
1102	Cast-iron pipe.	116	Flour and other grain-mill products.
1002	Cement.	117	Food preparations, not elsewhere classified.
106	Cereal preparations.	1107	Forgings, iron and steel, not made in plants operated in connection with rolling mills.
107	Cheese.	1305	Foundry and machine-shop products, not elsewhere classified.
608	Chemicals, not elsewhere classified.	1614	Foundry supplies.
108	Chewing gum.	702	Fuel: Briquettes and boulets.
1003	China firing and decorating, not done in potteries.	1615	Fur goods.
109	Chocolate and cocoa products, not including confectionery.	223	Furnishing goods, men's, not elsewhere classified.
1608	Cigars and cigarettes.	309	Furniture, including store and office fixtures.
1004	Clay products (other than pottery) and nonclay refractories.	1616	Furs, dressed.
609	Cleaning and polishing preparations.	1108	Galvanizing and other coating, not done in plants operated in connection with rolling mills.
1202	Clocks, clock movements, time-recording devices, and time stamps.	1207	Gas and electric fixtures; lamps, lanterns, and reflectors.
208	Clothing (except work clothing), men's, youths', and boys', not elsewhere classified.		
209	Clothing, men's, buttonholes.		
210	Clothing, women's, not elsewhere classified.		



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[The figure or figures preceding the last two in each industry number indicate the group number]

Industry No.	INDUSTRY	Industry No.	INDUSTRY
1306	Gas machines, gas meters, and water and other liquid meters.	622	Oil, cake, and meal, cottonseed.
703	Gas, manufactured, illuminating and heating.	623	Oil, cake, and meal, linseed.
1008	Glass.	624	Oils, essential.
1009	Glass products (except mirrors) made from purchased glass.	625	Oils, not elsewhere classified.
224	Gloves and mittens, cloth or cloth and leather combined, made from purchased fabrics.	241	Oilcloth.
905	Gloves and mittens, leather.	124	Oleomargarine, not made in meat-packing establishments.
616	Glue and gelatin.	1631	Optical goods.
1208	Gold leaf and foil.	626	Paints and varnishes.
1209	Gold, silver, and platinum, reducing and refining, not from the ore.	407	Paper.
1010	Graphite, ground and refined.	408	Paper goods, not elsewhere classified.
617	Groase and tallow, not including lubricating greases.	627	Patent or proprietary medicines and compounds.
225	Haircloth.	1632	Paving materials: Asphalt, tar, crushed slag, and mixtures.
1617	Hair work.	125	Peanuts, walnuts, and other nuts, processed or shelled.
226	Handkerchiefs.	1633	Pencils, lead (including mechanical).
1618	Hand stamps and stencils and brands.	1634	Pens, fountain and stylographic; pen points, gold, steel, and brass.
1109	Hardware not elsewhere classified.	628	Perfumes, cosmetics, and other toilet preparations.
227	Hat and cap materials, men's.	705	Petroleum refining.
228	Hats and caps, except felt and straw, men's.	1635	Phonographs.
229	Hats, fur-felt.	507	Photo-engraving, not done in printing establishments.
1619	Hats, straw, men's.	1636	Photographic apparatus and materials.
230	Hats, wool-felt.	1637	Pipes (tobacco).
1012	Hones, whetstones, and similar products.	314	Planing-mill products (including general millwork), not made in planing mills connected with sawmills.
231	Horse blankets, fly nets, and related products.	1213	Plated ware.
232	House-furnishing goods, not elsewhere classified.	1114	Plumbers' supplies, not including pipe or vitreous-china sanitary ware.
118	Ice cream.	908	Pocketbooks, purses, and cardcases.
119	Ice, manufactured.	1017	Pottery, including porcelain ware.
618	Ink, printing.	126	Poultry killing, dressing, and packing, wholesale.
619	Ink, writing.	1676	Power laundries.
1620	Instruments, professional and scientific.	508	Printing and publishing, book and job.
1110	Iron and steel: Blast furnaces.	509	Printing and publishing, music.
1111	Iron and steel, processed.	510	Printing and publishing, newspaper and periodical.
1112	Iron and steel: Steel works and rolling mills.	511	Printing materials, not including type or ink.
1621	Ivory, shell, and bone work, not including buttons, combs, or hairpins.	315	Pulp goods.
1210	Jewelry.	410	Pulp (wood and other fiber).
1622	Jewelry and instrument cases.	1309	Pumps (hand and power) and pumping equipment.
233	Jute goods.	629	Rayon and allied products.
234	Knit goods.	316	Refrigerators and refrigerator cabinets, exclusive of mechanical refrigerating equipment.
406	Labels and tags.	1310	Refrigerators, mechanical.
235	Lace goods.	242	Regalia, badges, and emblems.
1623	Lapidary work.	127	Rice cleaning and polishing.
310	Lasts and related products.	1638	Roofing, built-up and roll; asphalt shingles; roof coatings other than paint.
906	Leather goods, not elsewhere classified.	802	Rubber goods other than tires, inner tubes, and boots and shoes.
907	Leather: Tanned, curried, and finished.	803	Rubber tires and inner tubes.
1013	Lime.	909	Saddlery and harness.
236	Linen goods.	1115	Safes and vaults.
237	Linoleum.	630	Salt.
620	Liquors, vinous.	1018	Sand-lime brick.
506	Lithographing.	1639	Sandpaper, emery paper, and other abrasive paper and cloth.
1406	Locomotives, not made in railroad repair shops.	128	Sausage, meat puddings, headcheese, etc., and sausage casings, not made in meat-packing establishments.
704	Lubricating oils and greases, not made in petroleum refineries.	1116	Saws.
311	Lumber and timber products, not elsewhere classified.	1311	Scales and balances.
121	Macaroni, spaghetti, vermicelli, and noodles.	1117	Screw-machine products and wood screws.
1318	Machine-tool accessories and small metal-working tools, not elsewhere classified.	1312	Sewing machines and attachments.
1307	Machine tools.	1410	Ship and boat building, steel and wooden, including repair work.
122	Malt.	243	Shirts.
1014	Marble, granite, slate, and other stone products.	120	Shortenings (not including lard) and vegetable cooking oils.
312	Matches.	1640	Signs and advertising novelties.
238	Mats and matting, grass and coir.	244	Silk and rayon manufactures.
1624	Mattresses and bed springs, not elsewhere classified.	1214	Silversmithing and silverware.
123	Meat packing, wholesale.	1215	Smelting and refining, copper.
239	Millinery.	1216	Smelting and refining, lead.
1015	Minerals and earths, ground or otherwise treated.	1217	Smelting and refining, metals other than gold, silver, or platinum, not from the ore.
313	Mirror and picture frames.	1218	Smelting and refining, zinc.
1016	Mirrors, framed and unframed.	631	Soap.
1625	Models and patterns, not including paper patterns.	1641	Soda-water apparatus.
1626	Motion pictures, not including projection in theaters.	1642	Sporting and athletic goods, not including firearms or ammunition.
1407	Motor-vehicle bodies and motor-vehicle parts.	1118	Springs, steel, except wire, not made in plants operated in connection with rolling mills.
1408	Motor vehicles, not including motorcycles.	1219	Stamped ware, enameled ware, and metal stamping, enameling, japanning, and lacquering.
1409	Motorcycles, bicycles, and parts.	1643	Stationery goods, not elsewhere classified.
621	Mucilage, paste, and other adhesives, except glue and rubber cement.	1019	Statuary and art goods, factory product.
1627	Musical instrument parts and materials: Piano and organ.	1644	Steam and other packing, pipe and boiler covering, and gaskets, not elsewhere classified.
1628	Musical instruments and parts and materials, not elsewhere classified.	1119	Steam fittings and steam and hot-water heating apparatus.
1629	Musical instruments: Organs.	1120	Steel barrels, kegs, and drums.
1630	Musical instruments: Pianos.	512	Stereotyping and electrotyping, not done in printing establishments.
1113	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills.		
1211	Needles, pins, hooks and eyes, and snap fasteners.		
240	Nets and seines.		
1212	Nonferrous-metal alloys and products, not including aluminum products.		

## CENSUS OF MANUFACTURES: 1929

(The figure or figures preceding the last two in each industry number indicate the group number)

Industry No.	INDUSTRY
1121	Stoves and ranges (other than electric) and warm-air furnaces.
1122	Structural and ornamental iron and steel work, not made in plants operated in connection with rolling mills.
129	Sugar, beet.
130	Sugar, cane, not including products of refineries.
131	Sugar refining, cane.
1645	Surgical and orthopedic appliances, including artificial limbs.
245	Suspenders, garters, and other elastic woven goods, made from purchased webbing.
632	Tanning materials, natural dyestuffs, mordants and assistants, and sizes.
1313	Textile machinery and parts.
1646	Theatrical scenery and stage equipment.
1220	Tin and other foils, not including gold foil.
1123	Tin cans and other tinware, not elsewhere classified.
1124	Tin plate and terneplate, not made in plants operated in connection with rolling mills.
1647	Tobacco: Chewing and smoking, and snuff.
1125	Tools, not including edge tools, machine tools, files, or saws.
1648	Toys (not including children's wheel goods or sleds), games, and playground equipment.
246	Trimmings (not made in textile mills) and stamped art goods for embroidering.
910	Trunks, suitcases, and bags.
317	Turpentine and rosin.
513	Type founding.
1314	Typewriters and parts.

Industry No.	INDUSTRY
1649	Umbrellas, parasols, and canes.
247	Upholstering materials, not elsewhere classified.
132	Vinegar and cider.
411	Wall paper.
1020	Wall plaster, wall board, insulating board, and floor composition.
1315	Washing machines, wringers, driers, and ironing machines, for household use.
248	Waste.
1221	Watch and clock materials and parts, except watchcases.
1222	Watchcases.
1223	Watches and watch movements.
1650	Whips.
1316	Windmills and windmill towers.
318	Window and door screens and weather strip.
1651	Window shades and fixtures.
1126	Wire, drawn from purchased bars or rods.
1127	Wirework, not elsewhere classified.
633	Wood distillation and charcoal manufacture.
319	Wood preserving.
320	Wood turned and shaped and other wooden goods, not elsewhere classified.
249	Woolen goods.
250	Wool pulling.
251	Wool scouring.
252	Wool shoddy.
253	Worsted goods.
1128	Wrought pipe, welded and heavy riveted, not made in plants operated in connection with rolling mills.

## LIST OF INDUSTRIES, WITH DESCRIPTIONS, BY GROUPS: 1929

## Industry Group 1.—FOOD AND KINDRED PRODUCTS

Industry No.	CLASSIFICATION
101	<b>Beverages.</b> Root beer, ginger ale, grape juice, cereal beverages, "near beer," etc. (Sirups for use in flavoring soda-fountain drinks are classified under flavoring extracts and flavoring sirups.)
102	<b>Bread and other bakery products.</b> Bread, biscuit, crackers, pretzels, pies, cake, etc. (a) Biscuit and crackers. (b) Bakery products, other than biscuit and crackers.
103	<b>Butter.</b>
104	<b>Canning and preserving: Fish, crabs, shrimps, oysters, and clams.</b> Canned, pickled, smoked, and dried fish, and canned crabs, lobsters, shrimps, oysters, and clams. (Does not include establishments engaged solely in shucking oysters.)
105	<b>Canning and preserving: Fruits and vegetables; pickles, jellies, preserves, and sauces.</b> Canned and preserved fruits and vegetables; processed and dried fruits and vegetables; preserves, jellies, pickles, sauces, dressings, catsup, prepared mustard, etc.
106	<b>Cereal preparations.</b> Cereal breakfast foods, hominy, cracked wheat, rolled oats, hulled corn, self-raising flour, cereal coffee substitutes, etc.
107	<b>Cheese.</b>
108	<b>Chewing gum.</b>
109	<b>Chocolate and cocoa products, not including confectionery.</b> Chocolate, cocoa, cocoa butter, broma, and other products of the nut of the cacao tree.
110	<b>Coffee and spice, roasting and grinding.</b>
111	<b>Condensed and evaporated milk.</b> Condensed milk, evaporated milk, powdered milk, sugar of milk; dried casein (not plastic).
112	<b>Confectionery.</b> Confectionery of all kinds; and stick licorice, corn balls, salted nuts, etc.
113	<b>Corn sirup, corn sugar, corn oil, and starch.</b> Corn sirup; corn sugar; corn, wheat, potato, and root starch; corn oil; corn-oil cake and meal; etc.
114	<b>Feeds, prepared, for animals and fowls.</b> Feeds prepared from ground grain and other ingredients such as alfalfa, molasses, bone meal, etc.; ground oyster shells.
115	<b>Flavoring extracts and flavoring sirups.</b> Flavoring extracts, pastes, and powders; colors for bakers and confectioners, flavoring sirups, and crushed fruits for soda-fountain use.

Industry No.	CLASSIFICATION
116	<b>Flour and other grain-mill products.</b> Wheat, corn, rye, buckwheat, rice, and barley, flour and meal; cracked corn, shorts, middlings, feed for livestock, etc.
117	<b>Food preparations, not elsewhere classified.</b> All food preparations for human consumption, not classifiable in any of the other industries in Group 1. Meat products such as boiled and boneless ham; blended and compounded sirups for table use; peanut butter; preparations such as mince-meat, potato chips, and plum and fig puddings; malted-milk products; ice-cream cones, etc. Flavoring sirups, corn sirup, cane-sugar sirup, and beet-sugar sirup are <i>not</i> included, these products having separate classifications.
118	<b>Ice cream.</b>
119	<b>Ice, manufactured.</b> Ice manufactured for sale.
120	<b>Shortenings (not including lard) and vegetable cooking oils.</b> Shortenings compounded of both animal and vegetable oils and fats and those made of vegetable oils only; vegetable cooking oils and vegetable salad oils.
121	<b>Macaroni, spaghetti, vermicelli, and noodles.</b>
122	<b>Malt.</b> Malt, made chiefly from barley, but to some extent from other grains.
123	<b>Meat packing, wholesale.</b> This classification covers establishments engaged both in slaughtering cattle, hogs, sheep, or other animals and in preserving all or a part of the raw stock by canning, salting, smoking, or otherwise curing it for the trade; establishments which purchase raw stock from slaughterhouses and preserve it; and establishments engaged in wholesale slaughtering only.
124	<b>Oleomargarine, not made in meat-packing establishments.</b> Oleomargarine, butterine, etc., not including that made in meat-packing establishments.
125	<b>Peanuts, walnuts, and other nuts, processed or shelled.</b> Bleached and shelled walnuts; polished pecans; graded and shelled peanuts; etc.
126	<b>Poultry killing, dressing, and packing, wholesale.</b> This classification covers establishments with products valued at \$20,000 or more, engaged primarily in poultry killing, dressing, and packing (including canning), for the wholesale trade.
127	<b>Rice cleaning and polishing.</b>
128	<b>Sausage, meat puddings, headcheese, etc., and sausage casings, not made in meat-packing establishments.</b> Sausage, meat puddings, headcheese, scrapple, etc., and sausage casings.
129	<b>Sugar, beet.</b>

Industry No.	CLASSIFICATION
130	<b>Sugar, cane, not including products of refineries.</b> This classification covers all establishments engaged primarily in the manufacture of sugar (raw or refined), molasses, and sirups, from cane.
131	<b>Sugar refining, cane.</b> This classification embraces establishments engaged wholly or mainly in the refining of raw cane sugar, practically all of which is imported.
132	<b>Vinegar and cider.</b>
<b>Industry Group 2.—TEXTILES AND THEIR PRODUCTS</b>	
201	<b>Artificial leather.</b> All kinds of artificial or imitation leather, regardless of method of manufacture, materials, or use of finished product.
202	<b>Asphalted-felt-base floor covering.</b> A product which resembles linoleum, made by printing or painting on the surface of a foundation of asphalted felt.
203	<b>Awnings, tents, sails, and canvas covers.</b> Window, store, and veranda awnings; tents; sails; tarpaulins; and canvas covers. Small establishments making these goods to individual order are not included.
204	<b>Bags, other than paper, not made in textile mills.</b> Meal bags, salt bags, gunny or jute bags, and all other bags made from materials other than paper.
205	<b>Belting other than leather and rubber, not made in textile mills.</b> Belting made from duck canvas.
206	<b>Carpets and rugs, rag.</b> Some of the establishments embraced in this classification manufacture carpets and rugs from materials supplied by others.
207	<b>Carpets and rugs, wool, other than rag.</b> Carpets and rugs made chiefly of wool, and usually with a jute, cotton, or linen back. This industry does not include the manufacture of rag, cotton, or jute carpets and rugs, or floor coverings of grass or reeds.
208	<b>Clothing (except work clothing), men's, youths', and boys', not elsewhere classified.</b> (a) Regular factories. (b) Contract shops.
209	<b>Clothing, men's, buttonholes.</b>
210	<b>Clothing, women's, not elsewhere classified.</b> Women's, misses', girls', and infants' suits, dresses, coats, cloaks, skirts, blouses, shirt waists, undergarments, petticoats, scarfs (except knitted), neckwear, etc. (a) Regular factories. (b) Contract shops.
211	<b>Clothing, work (including sheep-lined and blanket-lined work coats but not including shirts), men's.</b>
212	<b>Cloth sponging and refinishing.</b> Sponging and refinishing cloth on contract. (This classification must not be confused with "Dyeing and finishing textiles.")
213	<b>Collars, men's.</b>
214	<b>Cordage and twine.</b> Rope, cable, cordage, twine, binder twine, fish line, etc., braided or twisted, made from hemp, flax, cotton, manila, jute, and other fiber.
215	<b>Corsets and allied garments.</b> Corsets, brassières, bandeaux, combinations, girdles, corset stays, etc.
216	<b>Cotton goods.</b> All kinds of plain and fancy woven fabrics, in the piece or otherwise, over 12 inches in width; cotton felts; and yarn, thread, and cotton waste for sale.
217	<b>Cotton small wares.</b> Narrow woven fabrics, not over 12 inches in width, and braids of every description. Woven belting and hose, elastic and nonelastic webbing, tape, trimmings, edgings, bindings, shoe laces, corset laces, wicks and wicking, etc.
218	<b>Dyeing and finishing textiles.</b> Bleaching, dyeing, printing, mercerizing, spooling, warping, winding (except silk and rayon warping and winding), etc., of piece goods, yarn, stock, etc., of cotton, wool, silk, or other textile fiber.
219	<b>Embroideries.</b> Schiffi embroideries and burnt-out laces; bonnaz and other hand-machine embroideries; hand embroideries.

Industry No.	CLASSIFICATION
220	<b>Felt goods, wool, hair, or jute.</b> Felt goods made of wool, hair, or jute, woven or made by the needleloom process or by heat, moisture, and pressure.
221	<b>Flags and banners.</b> Flags, banners, pennants, etc.
222	<b>Flax and hemp, dressed.</b> Removal of seeds, dross, etc., and preparation of raw flax and hemp for factory use.
223	<b>Furnishing goods, men's, not elsewhere classified.</b> Neckwear; belts, other than leather; bathrobes; lounging garments; sleeping garments; underwear (cut and sewed from purchased fabric); etc.
224	<b>Gloves and mittens, cloth or cloth and leather combined, made from purchased fabrics.</b>
225	<b>Haircloth.</b>
226	<b>Handkerchiefs.</b>
227	<b>Hat and cap materials, men's.</b> Hatters' fur, sweatbands, visors, linings, bindings, trimmings, tip printing, etc.
228	<b>Hats and caps, except felt and straw, men's.</b> Silk hats, chapeaux, opera or crush hats, cloth caps, uniform caps, athletic hats and caps, etc.
229	<b>Hats, fur-felt.</b> Stiff and soft hats and hat bodies made chiefly from hatters' fur for men, women, and children.
230	<b>Hats, wool-felt.</b> Men's, women's, and children's hats and hat bodies, the chief materials of which are wool, wool noils, wool shoddy, etc.
231	<b>Horse blankets, fly nets, and related products.</b> Horse blankets made from purchased fabrics, saddle cloths, fly nets, sweat pads, etc.
232	<b>House-furnishing goods, not elsewhere classified.</b> Comfortables, piano covers and scarfs, carpet linings, mosquito canopies, portières, draperies, slip covers of every kind, serving trays, cushions (except spring cushions), hassocks, pillow shams, carpet sweepers, pillows, quilts, cotton batting, mops, pincushions, clotheslines (put up from purchased line), and other house-furnishing goods not covered by separate classifications.
233	<b>Jute goods.</b> Bagging for baling cotton; carpets and rugs, webbing, yarns, twine, etc.; other goods where the material of chief value is jute fiber or jute yarn.
234	<b>Knit goods.</b> Hosiery, underwear, outerwear, knit cloth, and all other machine-knit goods, whether for personal wear or for domestic, mechanical, or other use, without regard to the kind of yarn used, which may be of cotton, wool, silk, rayon, linen, or other fiber, or of any mixture of fibers.
235	<b>Lace goods.</b> All lace-machine products, such as Nottingham lace curtains and nets, levers laces, bobbinets, lace bedspreads, panels, and other pieces, barmen laces, etc.
236	<b>Linen goods.</b> Crash, towels, toweling, and other linen and cotton-and-linen mixed fabrics; yarns, thread, etc., where the material of chief value is flax.
237	<b>Linoleum.</b> Plain, printed, and inlaid linoleum, and a form of linoleum known as "cork carpet."
238	<b>Mats and matting, grass and coir.</b> Door mats, floor mattings, art squares, rugs, and carpets, made from such materials as wire grass, reeds, and coir (cocoa fiber).
239	<b>Millinery.</b> Trimmed hats, including felt hats made from purchased bodies; women's straw hats; hat frames; millinery trimmings (for sale as such); infants' headwear; etc.
240	<b>Nets and seines.</b> Fish nets, laundry nets, seines, etc.
241	<b>Oilcloth.</b> Table, wall, shelf, stair, and enameled oilcloth.
242	<b>Regalia, badges, and emblems.</b> Regalia, badges, and emblems for use by military and civilian organizations.

Industry No.	CLASSIFICATION
243	<b>Shirts.</b> Shirts of cotton, linen, wool, silk, artificial silk, etc., shirt bosoms, and shirt waists for men and boys; work shirts.
244	<b>Silk and rayon manufactures.</b> (a) Manufacture of finished products: Broad silks (all-silk, all-rayon, silk-mixed, and rayon-mixed goods), velvets, plushes, upholstery, tapes, ribbons, veils, veillings, braids, bindings, trimmings, machine twist, etc.; sewing, embroidery, and other floss silks. (b) Throwing, winding, and warping of silk and rayon, and the spinning of silk or rayon waste. The greater part of this work is done on a contract basis, the materials and products being owned and reported by others.
245	<b>Suspenders, garters, and other elastic woven goods, made from purchased webbing.</b>
246	<b>Trimmings (not made in textile mills) and stamped art goods for embroidering.</b> Dress and coat trimmings, millinery trimmings, tuckings, pleatings, hemstitching, bias bindings, crochet goods, stamped art goods for embroidering, etc.
247	<b>Upholstering materials, not elsewhere classified.</b> Curled hair, moss, tow, etc. (a) Curled hair. (b) All other.
248	<b>Waste.</b> Cleaning or otherwise preparing waste of cotton or other fiber by use of picker or similar machine, and production of wiping rags, cakum, etc.
249	<b>Woolen goods.</b> All kinds of woven fabrics (except woven felts), in the piece or otherwise, braids, webbing, cords, etc., and yarns and waste for sale, made from wool, shoddy, noils of wool or mohair or other animal hair, or a combination of these materials with one another or with cotton, silk, or other fiber.
250	<b>Wool pulling.</b> Detaching wool from sheepskin.
251	<b>Wool scouring.</b> Scouring, sorting, and carbonizing wool.
252	<b>Wool shoddy.</b> Recovered wool fiber, known as "shoddy," "mungo," "flocks" (the result of shearing cloth), and "wool extract," made from rags, waste, noils, tailors' clippings, etc.
253	<b>Worsted goods.</b> All kinds of woven fabrics, in the piece or otherwise, braids, webbing, cords, etc., and yarns and waste for sale, made from wool, mohair, or other hair; tops made from wool, mohair, or other hair, or a combination of these materials with one another or with cotton, silk, or other fiber.
<b>Industry Group 3.—FOREST PRODUCTS</b>	
301	<b>Baskets and rattan and willow ware, not including furniture.</b> Baskets of all kinds, including fruit and berry baskets and boxes; coffee drums; laundry hampers; and, in general, small articles made of veneer, reed, rattan, and willow. (Rattan and willow furniture is classified under Furniture.)
302	<b>Billiard and pool tables, bowling alleys, and accessories.</b> Billiard, pool, and bagatelle tables, billiard cues and chalk, pool pockets, cue tips, pool balls, bowling alleys, bowling-alley accessories, etc.
303	<b>Boxes, cigar, wooden.</b> All wooden boxes in which cigars are packed and from which they must be sold.
304	<b>Boxes, wooden, except cigar boxes.</b> Wooden boxes and cases; box shooks; trunk slats; crates for butter, fruits, berries, and vegetables; cases for eggs and canned goods; carrier trays; wooden storage-battery boxes; fancy boxes of wood covered with cretonne, silk, etc.
305	<b>Caskets, coffins, burial cases, and other morticians' goods.</b> Caskets and coffins, whether of wood or of metal; burial cases; shipping cases; and morticians' supplies and accessories, such as burial garments, gloves, and slippers, casket linings and draperies, ambulance baskets, door draperies, lowering devices, couches, embalming tables, and embalming fluids.
306	<b>Cooperage.</b> Casks, kegs, tierces, barrels, hogsheds, wooden tubs, tanks, vats, and similar containers made of staves. (Staves, heading, and hoops—the cooperage stock—are products of the "Lumber and timber products" industry.)

Industry No.	CLASSIFICATION
307	<b>Cork products.</b> Bottle corks, life preservers, cork board for insulation, cork tips, and other articles made of cork.
308	<b>Excelsior.</b> Excelsior and excelsior pads, wrappers, etc.
309	<b>Furniture, including store and office fixtures.</b> All classes of wood and metal furniture, including hammocks, furniture ornaments, store and office fixtures, show cases, display cases, wall cases, and cabinets.
310	<b>Lasts and related products.</b> Lasts for boots and shoes, shoe-trees, shoe stretchers, display forms for boots and shoes, etc.
311	<b>Lumber and timber products, not elsewhere classified.</b> Logging camps, producing logs, bolts, and rough timber products, such as hewn crossties, poles, posts, mine timbers, wheel and handle stock, excelsior stock, etc.; sawmills, producing rough lumber, laths, shingles, staves, heading, hoops, veneer stock, veneers, and other products from logs and bolts. Planing mills operated in conjunction with sawmills are included in this classification, but independent planing mills are classified in "Planing-mill products."
312	<b>Matches.</b>
313	<b>Mirror and picture frames.</b> Frames and finished picture moldings, chiefly of wood, for mirrors, pictures, photographs, and medallions. (The unfinished moldings of which the frames are made are, as a rule, planing-mill products.) Establishments engaged in framing pictures, etc., to individual order are <i>not</i> included.
314	<b>Planing-mill products (including general millwork), not made in planing mills connected with sawmills.</b> Dressed lumber, sash, doors, blinds, moldings, panels, wood mantels, brackets, stair work, door and window frames, and all classes of general millwork.
315	<b>Pulp goods.</b> Imitation wood carving, pails, dishes, tubs, boxes, and other articles of this character made from wood pulp or paper chemically treated.
316	<b>Refrigerators and refrigerator cabinets, exclusive of mechanical refrigerating equipment.</b> Refrigerators, ice boxes, and refrigerator show cases, counters, and cabinets; water coolers. This classification does not cover mechanically operated (electric) and heat-operated refrigerating equipment or units for commercial or household use, which are classified in the "Refrigerators, mechanical" industry; nor ice-making machinery for use in ice factories, which is classified in the "Foundry and machine-shop products" industry.
317	<b>Turpentine and rosin.</b> Spirits of turpentine and rosin made by distillation of the resinous exudation of the pine tree.
318	<b>Window and door screens and weather strip.</b> Window screens, door screens, and weather strip, irrespective of the material used.
319	<b>Wood preserving.</b> Treatment of wood to prevent decay and for protection against fire, worms, etc. Products include railway ties, paving blocks, etc.
320	<b>Wood turned and shaped and other wooden goods, not elsewhere classified.</b> Bobbins, bowls, bungs, brush blocks, dowels, handles, marquetry, cars, rollers, rolling pins, spools, picker sticks for looms, and other turned and shaped wooden articles and wood carvings; also miscellaneous articles such as wooden dishes, trays, meat boards, toothpicks, washboards, clothespins, ironing boards and tables, grain measures, tailors' pressing blocks, flagpoles, masts and spars, ladders, etc.
<b>Industry Group 4.—PAPER AND ALLIED PRODUCTS</b>	
401	<b>Bags, paper, exclusive of those made in paper mills.</b>
402	<b>Boxes, paper, not elsewhere classified.</b> Plain and metal-edged boxes, made of paper, news board, or cardboard, for confectionery, millinery, cigarettes, lunches, druggists' preparations, silverware, etc.
403	<b>Cardboard, not made in paper mills.</b>

Industry No.	CLASSIFICATION
404	<b>Card cutting and designing.</b> Jewelers' cards; index cards for office and library cabinets; Jacquard cards; fancy cards; stencil cards for addressing machines; photograph mats, mounts, and folders; cardboard panels and foundations; etc.
405	<b>Envelopes.</b>
406	<b>Labels and tags.</b> Labels and tags of paper, celluloid, metal, cardboard, etc.; baggage and other checks, door and name plates, metal badges and checks; labels for clothing; patent indexes; laundry and shipping tags; pin tickets, etc.
407	<b>Paper.</b> All kinds of paper and paper boards, such as newsprint, book, cover, writing, wrapping, tissue, absorbent, and building papers. Converted-paper products <i>made in paper mills</i> are included in this classification. An independent factory making converted-paper products is given its specific industry classification.
408	<b>Paper goods, not elsewhere classified.</b> Crêpe paper; surface-coated paper; glazed, waxed, oiled, waterproof, and corrugated paper; tar, fly, and toilet paper; paper lace; cigarette paper; playing cards; confetti; milk-bottle caps, etc.
410	<b>Pulp (wood and other fiber).</b> Wood pulp, mechanical and chemical; other pulp. Establishments making wood flour are classified in this industry.
411	<b>Wall paper.</b> Establishments engaged chiefly in the designing of patterns and the printing of paper used to cover interior walls and ceilings. (The paper itself, designated as "hanging paper," is made in paper mills.)

#### Industry Group 5.—PRINTING, PUBLISHING, AND ALLIED INDUSTRIES

501	<b>Bookbinding and blank-book making.</b> Bookbinding and blank-book making; embossing; book gilding; paper ruling; paper cutting; card, book, and paper edging; card beveling and bronzing; mounting of woolen and other samples; show-card mounting; etc.
502	<b>Engravers' materials.</b> Copper, zinc, steel, and other metal plates for engravers' use; wood blocks for use in wood engraving and photo-engraving; lithographic stones; etc.
503	<b>Engraving (other than steel, copperplate, or wood), chasing, etching, and diesinking.</b> Engraving, chasing, and etching on jewelry and silverware, notarial seals, fancy metals, etc., for purposes other than printing; diesinking.
504	<b>Engraving, steel and copperplate, and plate printing.</b> Engraving on steel or copper for cards, music, plate engraving, fine stationery work, etchings, illustrations, etc., and generally all engraving of this character which may be associated with printing.
505	<b>Engraving, wood.</b> Wood engraving (generally wood cuts for use in printing).
506	<b>Lithographing.</b> Establishments engaged primarily in photolithographing, in lithographing on paper, tin, etc., and in drawing or transferring designs or preparing stones or plates used in lithographing.
507	<b>Photo-engraving, not done in printing establishments.</b> Photogravures and similar transfer work; products include reproductions of photographs, maps, charts, diagrams, post cards, fashion plates, art pictures, drawings, half tones, line plates, and illustrations of all sorts.
508	<b>Printing and publishing, book and job.</b> Establishments engaged primarily in (a) job printing; (b) printing and publishing books and pamphlets; (c) publishing, but not printing, books and pamphlets; (d) linotype work or typesetting. (a) Job printing. (b) Book publishing and printing. (c) Book publishing without printing. (d) Linotype work, typesetting, etc.
509	<b>Printing and publishing, music.</b> Books of music and sheet music. (a) Printing and publishing. (b) Publishing without printing.

Industry No.	CLASSIFICATION
510	<b>Printing and publishing, newspaper and periodical.</b> Establishments engaged primarily in the preparation, printing, and publishing, or in the preparation and publishing but not the printing, of newspapers and periodicals. Some of these establishments also do job printing; but establishments engaged primarily in job printing are classified under "Printing and publishing, book and job." 1.—Newspapers: (a) Printing and publishing. (b) Publishing without printing. 2.—Periodicals: (a) Printing and publishing. (b) Publishing without printing.
511	<b>Printing materials, not including type or ink.</b> Composing rules and sticks, galleys, planes, chases, quoins, type cases, galleys, printers' rollers, blocks, plate hooks, locking devices, etc.
512	<b>Stereotyping and electrotyping, not done in printing establishments.</b>
513	<b>Type founding.</b> Type, brass rules, leads, slugs, etc.

#### Industry Group 6.—CHEMICALS AND ALLIED PRODUCTS

601	<b>Alcohol, ethyl, and distilled liquors.</b> Ethyl or grain alcohol (including denatured), whisky, and nonbeverage rum.
602	<b>Ammunition and related products.</b> Ammunition for small arms and artillery; also fuses, blasting and detonating caps, miners' squibs, naval and railroad torpedoes, fog and danger signals, etc. (Dynamite and other explosives for agricultural use and "cartridges" for use in oil wells are classified under "Explosives," and fireworks are classified separately as such.)
603	<b>Baking powders, yeast, and other leavening compounds.</b> Baking powders, yeast (dry, compressed, and liquid), and other leavening compounds. (a) Baking powders. (b) Yeast and other leavening compounds.
604	<b>Blacking, stains, and dressings.</b> Blackings, waxes, stains, dressings, and polishes for leather, boots and shoes, harness, and bolting; stove polish; burnishing inks; enamelled dressings for automobile and carriage tops, etc.
605	<b>Bluing.</b> Laundry bluing, soluble and liquid, aniline blue, etc., made principally from indigo and Prussian blue.
606	<b>Bone black, carbon black, and lampblack.</b> (a) Bone black. (b) Carbon black. (c) Lampblack.
607	<b>Candles.</b> Candles made of spermaceti, paraffin, wax, tallow, stearine, etc.
608	<b>Chemicals, not elsewhere classified (see also Coke; Compressed and liquefied gases; Druggists' preparations; Explosives; Fertilizers; Gas, manufactured; Oils, essential; Paints and Varnishes; Patent and proprietary medicines and compounds; Rayon and allied products; Tanning materials, natural dyestuffs, mordants and assistants, and sizes; Turpentine and rosin; Wood distillation and charcoal manufacture).</b> All chemicals except those produced in the allied industries specified above. They are grouped under six heads, namely: (I) Acids. (II) Nitrogen compounds, including ammonium and cyanogen compounds. (III) Sodium compounds. (IV) Potassium compounds, including potash from original sources. (V) General inorganic compounds, including alums and the various salts and compounds of metals (antimony, arsenic, copper, gold, iron, etc.), rare earths, insecticide chemicals, etc. (VI) General organic compounds, including the alkaloids and their salts; coal-tar crudes, intermediates, and finished coal-tar products; synthetic photographic chemicals, flavors, essential oils, perfumes, narcotics, pharmaceuticals, etc.; plastics, such as the pyroxylin plastics, rubber substitutes, etc., including finished goods made by the establishment that makes the plastic; formaldehyde; glycerin; carbon products; ether; acetone; etc.

Industry No.	CLASSIFICATION
609	<b>Cleaning and polishing preparations.</b> Preparations for cleaning and polishing furniture, floors, wall paper, gloves and other wearing apparel, metal ware, and cars; automobile body polish; paint and varnish removers; rust and stain removers; washing, ironing, sweeping, and scouring compounds; laundry tablets; floor wax; eyeglass and windshield cleaners; copper cloth; steel wool; etc.
610	<b>Compressed and liquefied gases.</b> Acetylene (when sold in containers), chlorine, hydrogen, nitrous oxide (laughing gas), oxygen, sulphur dioxide, and other gases, compressed and liquefied.
611	<b>Druggists' preparations.</b> Serums, vaccines, and toxins; capsules (filled or empty), tablets, pills, pepsin, tinctures, medicinal plasters, cough syrups, ointments, and other pharmaceuticals.
612	<b>Drug grinding.</b> Establishments engaged in grinding drugs of all kinds, sometimes known as "drug millers."
613	<b>Explosives.</b> Blasting powder, gunpowder (black), nitroglycerin, dynamite, gun-cotton or pyroxylin, smokeless powder, fulminating mercury, permissible explosives, etc.
614	<b>Fertilizers.</b> Superphosphates from minerals, bones, etc.; ammoniated fertilizers, concentrated phosphata, complete fertilizers, fish scrap, etc.
615	<b>Fireworks.</b> Display fireworks of all kinds, such as air and toy torpedoes, bombs, shells, wheels, torches, rockets, colored fire, sparklers, and firecrackers.
616	<b>Glue and gelatin.</b> Glue (flexible and liquid), gelatin, and glue jelly or paste, derived from hides, fleshings, and fish.
617	<b>Grease and tallow, not including lubricating greases.</b>
618	<b>Ink, printing.</b> Printing and lithographing inks.
619	<b>Ink, writing.</b> Writing ink and fluids, indelible ink, etc.
620	<b>Liquors, vinous.</b> Wines, still and effervescing.
621	<b>Mucilage, paste, and other adhesives, except glue and rubber cement.</b> Mucilage, paste, mending cement, sealing wax, pneumatic-tire fillers, and other adhesives, except glue, which has a separate classification.
622	<b>Oil, cake, and meal, cottonseed.</b> Cottonseed oil, either crude or refined, and such by-products as meal and cake, hulls, linters, and gabbots.
623	<b>Oil, cake, and meal, linseed.</b> Linseed oil, made from flaxseed, and such by-products as flaxseed cake and meal.
624	<b>Oils, essential.</b> Volatile oils from plants, such as peppermint, spearmint, saffras, wintergreen, clove, lemon, aniseed, bergamot, lavender, orange, patchouli, witch-hazel, etc.
625	<b>Oils, not elsewhere classified.</b> Castor oil, coconut oil, peanut oil, fish oils, etc.
626	<b>Paints and varnishes.</b> Colors and pigments, paints in oils, ready-mixed paints, water paints, kalsomine, stains, fillers, putty, varnishes, japans, lacquers, etc.
627	<b>Patent or proprietary medicines and compounds.</b> Medicines and compounds for either man or animal, sold under the protection of patents, copyrights, or trademarks, or prepared according to secret formulas, including medicines of a proprietary character, not necessarily patented, and compounds or products handled by the pharmaceutical trade, not otherwise provided for, such as insect powders, corn cures, liver pads, household ammonia, disinfectants, boiler compounds, fire-extinguishing compounds, etc.
628	<b>Perfumes, cosmetics, and other toilet preparations.</b> Cologne, toilet water, face powders, washes and lotions, hair tonics, skin emollients, shaving cream, tooth paste and powder, bay rum, etc.
629	<b>Rayon and allied products.</b> Rayon and allied products in yarn, sheet, or other form.

Industry No.	CLASSIFICATION
630	<b>Salt.</b> Table, packers', rock, and other grades of salt, whether obtained by mining or by evaporation.
631	<b>Soap.</b> Hard, soft, cake, bar, powdered, liquid, and other soaps.
632	<b>Tanning materials, natural dyestuffs, mordants and assistants, and sizes.</b> Oak, chestnut, hemlock, and other tanning extracts; chrome tannage and other tanning materials; natural dyestuffs, of logwood, fustic, quercitron, etc.; mordants, such as tannic acid, iron liquor, etc.; assistants; and sizes.
633	<b>Wood distillation and charcoal manufacture.</b> Methanol (wood alcohol), charcoal, turpentine, tar, acetone, acetate of lime, etc., made by the distillation of wood through the use of either the destructive or the steam process; charcoal produced by the charring of wood without recovery of the volatile products. (a) Wood distillation. (b) Charcoal.

### Industry Group 7.—PRODUCTS OF PETROLEUM AND COAL

701	<b>Coke, not including gas-house coke.</b> (a) Beehive ovens. (b) By-product ovens.
702	<b>Fuel: Briquettes and boulets.</b> Briquettes and boulets made from anthracite culm, bituminous slack, peat, etc., mixed with tar or pitch as a binder; charcoal briquettes; powdered fuel.
703	<b>Gas, manufactured, illuminating and heating.</b> Gas and its by-products made from coal, coke, oil, gasoline, or calcium carbide (acetylene) and distributed through mains. (Establishments engaged solely in the production of natural gas, and those engaged solely in the distribution of gas, either natural or manufactured, are not manufacturing establishments and therefore are not included in this industry. Establishments which manufacture gas of any kind for sale in containers, in compressed or liquefied form, are classified in the Compressed and liquefied gases industry.)
704	<b>Lubricating oils and greases, not made in petroleum refineries.</b> Lubricating oils, not made in petroleum refineries; axle grease; and other hard and soft lubricating greases.
705	<b>Petroleum refining.</b>

### Industry Group 8.—RUBBER PRODUCTS

801	<b>Boots and shoes, rubber.</b> Rubber boots, shoes, overshoes, and canvas shoes with rubber soles.
802	<b>Rubber goods other than tires, inner tubes, and boots and shoes.</b> Rubber belting and hose; rubberized fabrics and cloth; druggists' and stationers' sundries, such as rubber brushes, rubber bands, rubber type, etc.; rubber mats, hard-rubber goods; rubber heels and soles; etc.
803	<b>Rubber tires and inner tubes.</b> Pneumatic tires and inner tubes for automobiles, motorcycles, bicycles, etc.; solid and cushion rubber tires for trucks and other vehicles.

### Industry Group 9.—LEATHER AND ITS MANUFACTURES

901	<b>Belting, leather.</b> All kinds of leather belting, used for the transmission of power.
902	<b>Boot and shoe cut stock, not made in boot and shoe factories.</b> Soles, tips, heels, top lifts, inner soles, uppers, etc.
903	<b>Boot and shoe findings, not made in boot and shoe factories.</b> Shoe pegs, bows, clasps, stays, metal tips and heelplates, toe caps, buckles, boot and shoe laces, heel caps, rands, staples, counters, shanks, wooden heels, shoe trimmings, etc.
904	<b>Boots and shoes, other than rubber.</b> Boots, shoes (high and low cut), pumps, slippers, sandals, putties, leggings, overgarters, and allied footwear, made of leather, felt (purchased), canvas, or other textile fabrics. Establishments engaged in contract work on materials furnished by others, in connection with the manufacture of boots, shoes, etc., are also included in this industry. (Felt shoes, etc., made in mills which manufacture the felt are classified in "Felt goods.")
905	<b>Gloves and mittens, leather.</b> Men's, boys', women's, and children's leather gloves and mittens, lined and unlined.

Industry No.	CLASSIFICATION
906	<b>Leather goods, not elsewhere classified.</b> Miscellaneous leather products not classified in other industries; for example, belts (for wear on the person), handles, corners, and straps for luggage, dog furnishings, cigar and cigarette cases, vanity cases, key cases, leather check-book covers, desk sets, embossed leather, burnt-leather goods, leather washers, razor straps, etc.
907	<b>Leather: Tanned, curried, and finished.</b> Rough leather, sole leather, upper leather, morocco and colored skins, horsehides, calf and kip skins, goatskins and sheepskins; belting, harness, carriage, trunk, bag and pocketbook, bookbinders', and furniture leather; leather for gloves, mittens, etc.
908	<b>Pocketbooks, purses, and cardcases.</b> Pocketbooks, bill folds, cardcases, coin purses, women's purse-handbags, etc.
909	<b>Saddlery and harness.</b> Saddlery and parts, harness and parts, halters, horse boots, turf goods, feed bags, etc.
910	<b>Trunks, suitcases, and bags.</b> Trunks, valises, suitcases, traveling bags, satchels, carrying cases, brief cases, Boston bags, hat boxes, luncheon kits, etc., irrespective of the materials from which made.

### Industry Group 10.—STONE, CLAY, AND GLASS PRODUCTS

1001	<b>Asbestos products, other than steam packing or pipe and boiler covering.</b> Asbestos building materials, such as roofing, sheathing, siding, and flooring; other asbestos products, such as table mats and pads, holders for flatirons, packing for ice boxes and refrigerating cars, antifriction facings and linings, and insulating material.
1002	<b>Cement.</b> Portland cement; hydraulic, fireproof, and slag cement, etc.
1003	<b>China firing and decorating, not done in potteries.</b> China firing and decorating for the trade. (Small establishments engaged in such work for private customers or to individual order are not included.)
1004	<b>Clay products (other than pottery) and nonclay refractories.</b> Building brick, fancy and ornamental brick, vitrified brick, fire brick, sewer pipe, draintile, etc., and other refractories.
1005	<b>Concrete products.</b> Building blocks, building trimmings, cement roofing tile, etc., and other articles, such as laundry tubs, burial vaults, etc., manufactured from a combination of stone or gravel and sand, with cement.
1006	<b>Crucibles.</b> Crucibles of all sizes, made largely from fire clay, German clay, kaolin, and plumbago.
1007	<b>Emery wheels and other abrasive and polishing appliances.</b> Abrasive wheels, whether of emery, corundum, or other material; polishing and buffing wheels, belts, and disks.
1008	<b>Glass.</b> Building glass, pressed and blown glass, wire glass, etc., and glass containers of all kinds.
1009	<b>Glass products (except mirrors) made from purchased glass.</b> Glass cutting, glass beveling, bending sheet glass, engraving on glass, making glass labels, staining and ornamenting glass, and manufacturing safety glass.
1010	<b>Graphite, ground and refined.</b> The extraction from the ore and the refining of graphite (plumbago or black lead).
1012	<b>Hones, whetstones, and similar products.</b> Hones, whetstones, oilstones, scythestones, lawn-mower sharpeners, rubbing stones for hardware finish, rubbing brick, shoemakers' sandstones, etc.
1013	<b>Lime.</b>
1014	<b>Marble, granite, slate, and other stone products.</b> Monuments, tombstones, and other articles for cemetery uses; roofing slate, slate blackboards, and other slate work; builders' and plumbers' marble, granite, and other stone work; soapstone work; all other stone work, except millstones, grindstones, pulpstones, and hones and whetstones.

Industry No.	CLASSIFICATION
1015	<b>Minerals and earths, ground or otherwise treated.</b> Ground or pulverized earths, rocks, and minerals, such as emery, flint, barytes, manganese, chalk, talc, feldspar, sandstone, kaolin mica, fuller's earth, pumice, slate, etc.
1016	<b>Mirrors, framed and unframed.</b>
1017	<b>Pottery, including porcelain ware.</b> Stoneware, red earthenware, white ware, china, bone china, delft, Belleek ware, sanitary ware, etc.
1018	<b>Sand-lime brick.</b> Bricks made from a combination of sand and lime.
1019	<b>Statuary and art goods, factory product.</b> The factory manufacture of such products as statues, vases, urns, brackets, garden and lawn furniture, flower boxes, fountains, plaques, mantels, columns, panels, moldings, pedestals, ornamental plaster work, architectural sculptures, small images, scagliola, church statuary, bronze statuary, and papier-mâché articles.
1020	<b>Wall plaster, wall board, insulating board, and floor composition.</b> Gypsum plaster and other ready-mixed wall plasters and similar preparations, such as hard wall plaster, plaster wainscoting, fiber plaster, stucco, calcined plaster, molding plaster, plaster board, asphalt mastic, and ornamental plaster work for interior decoration; gypsum wall board and other wall boards, not made in paper mills; insulating board not made in paper mills; floor composition; etc.

### Industry Group 11.—IRON AND STEEL AND THEIR PRODUCTS, NOT INCLUDING MACHINERY

1101	<b>Bolts, nuts, washers, and rivets, not made in plants operated in connection with rolling mills.</b>
1102	<b>Cast-iron pipe.</b> Cast-iron gas, water, soil, and other cast-iron pipe.
1103	<b>Cutlery (not including silver and plated cutlery) and edge tools.</b> Knives, razors, scissors, shears, augers, gimlets, planes, meat choppers, axes, hatchets, and implements of a similar character. Does not include silver, nickel-silver, or plated knives, forks, etc., which are classified under "Plated ware" or "Silversmithing and silverware."
1104	<b>Doors, shutters, and window sash and frames, metal.</b>
1105	<b>Files.</b> The manufacture and recutting of files, rasps, etc.
1106	<b>Firearms.</b> Rifles, shotguns, revolvers, pistols, stocks, parts, etc.
1107	<b>Forgings, iron and steel, not made in plants operated in connection with rolling mills.</b> Light and heavy drop and steam-hammer forgings, chains, anchors, axles, car wheels, frogs, etc.
1108	<b>Galvanizing and other coating, not done in plants operated in connection with rolling mills.</b> Galvanizing or coating sheet steel or iron or formed products with zinc; coating sheet steel or iron or formed products with aluminum and lead; retinning of cans and utensils.
1109	<b>Hardware not elsewhere classified.</b> Locks, car seals, seal presses, brackets, andirons and fireplace goods, and trunk trimmings; builders', cabinet, saddlery, harness, car, carriage, casket, furniture, piano, and organ hardware; vacuum bottles and containers.
1110	<b>Iron and steel: Blast furnaces.</b> Pig iron and blast-furnace ferro-alloys.
1111	<b>Iron and steel, processed.</b> Establishments engaged chiefly in casehardening, tempering, rust-proofing, or otherwise specially treating iron or steel.
1112	<b>Iron and steel: Steel works and rolling mills.</b> Establishments engaged in the manufacture of steel or in the rolling of hot iron and steel. Products include steel ingots and direct steel castings; rolled iron and steel, such as rails, splice bars, rail joints, bars and rods, tin-plate bars, wire rods, structural shapes, hoops, bands, and cotton ties; plates and sheets, including black plates and sheets for tin-nings; nail and tack plates; car axles, rolled and hammered; car wheels; armor plate; gun forgings, etc.

Industry No.	CLASSIFICATION
1113	Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills.
1114	Plumbers' supplies, not including pipe or vitreous-china sanitary ware. Bath and laundry tubs, bathroom and laundry equipment and fittings of all descriptions, kitchen and pantry sinks, range boilers, flush valves, faucets, pipe hangers, and kindred products.
1115	Safes and vaults. Safes and vaults, safe-deposit boxes and chests, vault doors and linings, safe and vault locks, etc.
1116	Saws.
1117	Screw-machine products and wood screws. Machine screws and a great variety of special parts (most of which are threaded) made on "screw machines," and wood screws.
1118	Springs, steel, except wire, not made in plants operated in connection with rolling mills. Leaf springs—railway, motor-vehicle, carriage, wagon, etc.; hot-wound springs, railway and other; flat springs, coiled. (Does not include the manufacture of light coiled springs, which are products of the Wirework, not elsewhere classified, industry.)
1119	Steam fittings and steam and hot-water heating apparatus. Hot-water and steam heating apparatus, radiators, valves, gauges, coils, thermostats, etc.
1120	Steel barrels, kegs, and drums. Portable iron and steel barrels, kegs, and drums, for shipping and storage purposes.
1121	Stoves and ranges (other than electric) and warm-air furnaces. All heating and cooking appliances using coal, gas, oil, or other fuel. These include, among others, heating and cooking stoves, ranges, and furnaces; gas fireplaces, logs, and grates; gas and oil water heaters, hot-water tanks; gas pressing irons, hot plates, soldering furnaces, etc.; and Bunsen burners.
1122	Structural and ornamental iron and steel work, not made in plants operated in connection with rolling mills. Girders, columns, trusses, grilles, railings, fire escapes, and other builders' ironwork, structural and ornamental.
1123	Tin cans and other tinware, not elsewhere classified. Plain and decorated tin cans, pails, boxes, and packages; milk cans and ice-cream cans; steam cookers, boilers, and household and cooking utensils; and other tinware not elsewhere classified.
1124	Tin plate and terneplate, not made in plants operated in connection with rolling mills. Establishments engaged in the coating of purchased black plates with tin or terne mixture.
1125	Tools, not including edge tools, machine tools, files, or saws. Stone and marble cutting tools, spirit levels, picks, plumbers' tools, jewelers' tools, ironworkers' tools, confectioners' tools, bakers' tools, shovels, spades, scoops, pressing irons, hammers, mallets, soldering irons, screw drivers, wrenches, pliers, and all tools not covered by other classifications.
1126	Wire, drawn from purchased bars or rods.
1127	Wirework, not elsewhere classified. Barbed wire, bale ties, wire springs, poultry netting and other woven-wire fencing, wire rope and cable, wire cloth, and small manufactures of wire, such as mousetraps, bird cages, bottle stoppers, wire clasps, belt lacings, garment hangers, etc., made from purchased wire.
1128	Wrought pipe, welded and heavy riveted, not made in plants operated in connection with rolling mills. Wrought welded pipe and boiler tubes; clinched, brazed, and heavy riveted pipe.

### Industry Group 12.—NONFERROUS METALS AND THEIR PRODUCTS

1201	Aluminum manufactures. Aluminum castings, bars, plates, and sheets; aluminum ware, such as kitchen utensils and household appliances; and other aluminum goods, such as specialties, airplane parts, engine and machine parts, etc.
1202	Clocks, clock movements, time-recording devices, and time stamps.
1203	Collapsible tubes.

Industry No.	CLASSIFICATION
1204	Copper, tin, and sheet-iron work, including galvanized-iron work, not elsewhere classified. Sinks, tanks and bins, cooking apparatus, smokestacks, stove and furnace pipes and elbows, stove and furnace casings, cornices, roofing, skylights, ventilators, corrugated-iron culverts, etc., made from sheet copper, tin plate or sheet iron; copper-smithing and sheet-iron work, including galvanized-iron work. (Factory or shop work only.)
1205	Electroplating. Electroplating of all descriptions, such as nickel plating, silver plating, etc. In many cases this work is done on a contract basis on articles furnished by others.
1206	Fire extinguishers, chemical. Chemical engines, hose carts, and other apparatus and appliances for fire extinguishing through the use of chemicals; chemical preparations for use with such apparatus and appliances; hand grenades for fire extinguishing, etc.
1207	Gas and electric fixtures; lamps, lanterns, and reflectors. Gas fixtures, chandeliers, domes, burners, mantles, etc.; electric fixtures, holders, electrolers, brackets, portables, etc.; combination gas and electric fixtures; motor-vehicle lamps, carriage and wagon lamps, all other lamps; reflectors.
1208	Gold leaf and foil. Gold leaf and foil for decorators, dentists, etc. (made by establishments generally known as goldbeaters).
1209	Gold, silver, and platinum, reducing and refining, not from the ore. The reduction and refining of precious metals, chiefly from the waste and sweepings of factories engaged in the manufacture of jewelry, silverware, etc.
1210	Jewelry. Rings, pins, bracelets, and chains; diamond setting and mountings; gold trimmings for umbrellas, canes, etc.; rolled plate, filled wire, etc.
1211	Needles, pins, hooks and eyes, and snap fasteners. Machine and hand needles, knitting and sewing; toilet, hat, and safety pins, wire hairpins, etc.; glove fasteners, snap fasteners, hooks and eyes, etc.
1212	Nonferrous-metal alloys and products, not including aluminum products. (Formerly three separate industry classifications—"Babbitt metal, white metal, type metal, and solder"; "Brass, bronze, and other nonferrous alloys, and manufactures of these alloys and of copper, not specifically classified"; "Lead: Bar, pipe, and sheet.") Lead, bar, pipe, and sheet; antifriction-bearing metals; type metal; solders; bars and rods of brass, bronze, and other nonferrous alloys, such as Monel metal and German silver; plates, sheets, rods, tubing, wire, castings, and machinery fittings made from copper or zinc or from brass, bronze, or other nonferrous alloys; various finished products, such as die-castings, extruded shapes, electrical supplies, car and engine brasses, refinished brass work, oiling devices, spigots, hose couplings, stair plates and rods, fenders, screen plates, spun metal, bells, etc. Copper ingots are normally products of the "Smelting and refining, copper" industry. Establishments engaged in the manufacture of wire from purchased bars or rods are classified in the "Wire, drawn from purchased bars or rods" industry. Establishments engaged primarily in the manufacture of gas and electric fixtures, hardware, and plumbers' supplies are not classified in this industry, these lines of manufacture being covered by separate classifications.
1213	Plated ware. Articles plated with gold, silver, or other metals; articles made of nickel-silver or pewter.
1214	Silversmithing and silver ware. Solid silver knives, forks, spoons, and other flatware; solid silver hollow ware, toilet ware, ornaments, ecclesiastical ware, novelties, cane and umbrella handles, etc.
1215	Smelting and refining, copper.
1216	Smelting and refining, lead.
1217	Smelting and refining, metals other than gold, silver, or platinum, not from the ore. The smelting and refining of scrap metals and dross of all kinds, except gold, silver, and platinum, for which there is a special classification.
1218	Smelting and refining, zinc.



Industry No.	CLASSIFICATION
1219	<b>Stamped ware, enameled ware, and metal stamping, enameling, japanning, and lacquering.</b> Stamped and enameled sheet-metal products of all kinds, except those classifiable in the "Plumbers' supplies" and "Tin cans and other tinware" industries; perforated metals and metal stampings, including stamped machine parts; japanning, lacquering, and paint-enameling on bathroom fixtures, bedsteads, automobile and bicycle parts, sewing machines and other machines, typewriters, signs, emblems, tags, gas and electric fixtures; vitreous enameling of household and hospital ware, stove parts, etc.
1220	<b>Tin and other foils, not including gold foil.</b> Tin foil, aluminum foil and leaf, lead foil, etc.
1221	<b>Watch and clock materials and parts, except watchcases.</b> Mainsprings, hairsprings, balance wheels, jewels, chimes, dials, pendulums, etc., and clock cases.
1222	<b>Watchcases.</b>
1223	<b>Watches and watch movements.</b>
<b>Industry Group 13.—MACHINERY, NOT INCLUDING TRANSPORTATION EQUIPMENT</b>	
1301	<b>Agricultural implements.</b> (1) Planting and fertilizing machinery—corn planters, cotton planters, potato planters, grain drills, combined listers and drills, beet drills, broadcast seeders, transplanters, fertilizer distributors, lime spreaders, manure spreaders, etc.; (2) Plows and listers—moldboard plows, disk plows, listers, ridge busters, subsoilers, plowstocks, steel plow shapes, etc.; (3) Harrows, rollers, pulverizers, and stalk cutters; (4) Cultivators and weeders, etc.; (5) Harvesting machinery—grain binders, grain headers, combines (harvester-threshers), rice binders, cornbinders, corn harvesters, corn picker-huskers, corn snappers, reapers, potato-digging machines, pea and bean harvesters, beet lifters, etc.; (6) Haying machinery—mowers, horse-rakes (hand rakes to be classified under "Tools, not including edge tools, machine tools, files, or saws"), tedders, loaders, stackers, and combined sweep rakes and stackers, windrowers and bunchers, etc.; (7) Machines for preparing crops for market or use—threshers, clover hullers, ensilage cutters, corn shellers, corn huskers and shredders, hay presses, feed grinders and crushers, grain cleaners and graders (including fanning mills), potato sorters and graders, cane mills (farm size), sirup evaporators and kettles, sirup-evaporator furnaces, older mills, etc.; (8) Miscellaneous agricultural implements—grain cradles, straw spreaders, seed-potato cutters, eveners, hay carriers, forks, and slings, tracks for hay carriers, scythes, etc.
1302	<b>Cash registers and adding, calculating, and card-tabulating machines.</b> Adding machines and adding attachments for typewriters, cash registers and similar devices, fare registers and recording fare boxes for railway cars, ticket-counting machines, coin changers, rotary wage tables, slide rules, card-punching, card-sorting and card-tabulating machines, and other calculating and computing machines and devices.
1303	<b>Electrical machinery, apparatus, and supplies.</b> All classes of machinery, apparatus, and supplies for employment directly in the generation, storage, transmission, or utilization of electric energy. Products include electric locomotives, dynamos, motors, batteries, transformers, switchboards, panel boards, cut-out cabinets, carbons, arc and incandescent lamps, searchlights, projectors and focusing lamps, sockets, transmitters, receivers, lightning arresters, rheostats and resistances, electric welding apparatus, electric therapeutic apparatus, switches, signals, telegraph and telephone apparatus, fire-alarm apparatus, radio apparatus, miscellaneous electric household appliances, etc.
1304	<b>Engines, turbines, tractors, and water wheels.</b> Steam engines—reciprocating, turbine, traction, etc.; internal-combustion engines—Diesel type, aviation, marine, motor-vehicle, and motorcycle engines, tractors (farm, road, and other), etc.; water turbines, water wheels, and water motors.
1305	<b>Foundry and machine-shop products, not elsewhere classified.</b> All products of boiler shops, foundries, and machine shops, not classified in any of the other industries in this group nor in any of the industries in Groups 11 and 12.
1306	<b>Gas machines, gas meters, and water and other liquid meters.</b> Machines for manufacturing gas, acetylene-gas generators, gas meters, water meters, gas and water regulators, etc.
1307	<b>Machine tools.</b> Power-driven machines for cutting or shaping metals, such as lathes, planers, drilling machines, etc. Machine tools are designed for more or less general use, as distinct from machines designed for manufacturing special articles. Portable hand tools (power-driven) for calking, riveting, and driving screws are also included under this classification.

Industry No.	CLASSIFICATION
1309	<b>Pumps (hand and power) and pumping equipment.</b> Tire and other air pumps, oil pumps, spray pumps, water pumps (antisuction, bucket, chain, diaphragm, etc.), and other hand pumps; steam reciprocating, centrifugal, rotary, air, oil-well, spray, and other power pumps; windmill pumps; residence water-pumping systems; gasoline filling-station pumps and equipment; pump jacks and other pumping equipment.
1310	<b>Refrigerators, mechanical.</b> All types of refrigerators which do not use ice as the refrigerating medium. Such refrigerators include not only the motor-driven type but also those which use heat to actuate the cooling medium.
1311	<b>Scales and balances.</b> Scales, balances, weighing machines and apparatus, automatic and computing weighing machines, etc.
1312	<b>Sewing machines and attachments.</b>
1313	<b>Textile machinery and parts.</b> All classes of textile machinery and parts, including machinery for bleaching, dyeing, printing, mercerizing, finishing, etc.
1314	<b>Typewriters and parts.</b> Typewriters and parts of typewriters.
1315	<b>Washing machines, wringers, driers, and ironing machines, for household use.</b> Washing machines, wringers, drying machines, and ironing machines, whether operated by mechanical power or by hand, for use in homes. (Laundry machinery for use in commercial laundries only is classified under "Foundry and machine-shop products, not elsewhere classified.")
1316	<b>Windmills and windmill towers.</b> Windmills and accessories and parts; windmill towers.
1318	<b>Machine-tool accessories and small metal-working tools, not elsewhere classified.</b> Attachments, fixtures, and small tools (chucks, jigs, cutters, drills, reamers, taps, etc.) for use chiefly with machine tools; precision measuring tools (micrometers, verniers, and gauges).
<b>Industry Group 14.—TRANSPORTATION EQUIPMENT, AIR, LAND, AND WATER</b>	
1401	<b>Aircraft and parts.</b> All types of aircraft (including balloons) and parts.
1402	<b>Carriage, wagon, sleigh, and sled materials.</b> Bodies, tops, cushions, hubs, felloes, spokes, wheels, whiffletrees, carriage boots and aprons, axles, dashboards, neck yokes, whipsockets, and other materials and parts except springs, which are separately classified.
1403	<b>Carriages and sleds, children's.</b> Baby carriages, "walkers," go-carts, sleds, doll carriages, children's velocipedes and tricycles, children's express wagons, etc.
1404	<b>Carriages, wagons, sleighs, and sleds.</b> Complete carriages, wagons, sleighs, sleds, pungs, handcarts, pushcarts, and wheelbarrows.
1405	<b>Cars, electric and steam railroad, not built in railroad repair shops.</b>
1406	<b>Locomotives, not made in railroad repair shops.</b> All kinds of steam and internal-combustion locomotives. (Electric locomotives are classified under "Electrical machinery, apparatus, and supplies.")
1407	<b>Motor-vehicle bodies and motor-vehicle parts.</b> Establishments engaged primarily in the manufacture of (a) motor-vehicle bodies; (b) parts and accessories such as gears, wheels, radiators, bumpers, axles, rear-axle housings, axle shafts, shock absorbers, windshields, rims, frames, horns, windshield wipers, and various other assemblies and parts, not including complete chassis, which are classified under "Motor vehicles." (a) Bodies. (b) Parts and accessories.
1408	<b>Motor vehicles, not including motorcycles.</b> All complete four-wheeled motor vehicles—automobiles, trucks, motor busses, etc.—complete chassis and trailers.
1409	<b>Motorcycles, bicycles, and parts.</b> Complete motorcycles, side cars, and bicycles, and motorcycle and bicycle parts, such as saddles, seat posts, frames, gears, handlebars, chains, etc. Establishments which manufacture complete motorcycles or bicycles by merely assembling purchased parts are included in this classification.

- Industry No.**                      **CLASSIFICATION**
- 1410 **Ship and boat building, steel and wooden, including repair work.**  
 Building of all classes of steel and wooden vessels, including yachts, rowboats, canoes, etc.; repairs to such vessels; masts, spars, and other accessories for such vessels; rigging of such vessels (equipping with ropes, chains, etc., which support or raise and lower masts and spars, or serve to set and trim sails).

### Industry Group 15.—RAILROAD REPAIR SHOPS

- 1501 **Car and general construction and repairs, electric-railroad repair shops.**  
 Shopwork done by electric-railroad companies; consists principally of repairs to rolling stock and bridges belonging to the company operating the shop. Some shops, however, build new cars, and some perform repair work for other railroad companies.
- 1502 **Car and general construction and repairs, steam-railroad repair shops.**  
 Shopwork done by steam-railroad companies; consists principally of repairs to rolling stock and bridges belonging to the company operating the shop. Some shops, however, build new cars and locomotives, and some perform repair work for other railroad companies.

### Industry Group 16.—MISCELLANEOUS INDUSTRIES

- 1601 **Artificial and preserved flowers and plants.**  
 Manufacture of artificial leaves, palms, grasses, wreaths, plants, foliage and vines, buds, and fruits; manufacture of wax flowers; preservation of flowers, plants, stems, and other material for the manufacture of artificial flowers.
- 1603 **Artists' materials.**  
 Canvas board; prepared canvases or frames; oil colors; air brushes for portrait work; air compressors for art work; easels; drawing tables and boards; palettes; sketch boxes; pantographs; wax, dustless, and other crayons; tailors' chalk; crayon pencils; gold and bronze mixtures, powders, paints, and size; gold and aluminum enamel and paint for china painting; pyrography goods, including platinum points; drafting materials; drawing ink; etc.
- 1604 **Brooms.**  
 Brooms, whisk brooms, etc., made from broom corn or fiber; street and stable brooms made from heavier materials.
- 1605 **Brushes, other than rubber.**  
 Paint, sash, floor, whitewash, and other brushes, not including those made of rubber.
- 1606 **Buttons.**  
 All kinds of buttons, parts of buttons, and button blanks or molds.
- 1607 **Carbon paper and inked ribbons.**
- 1608 **Cigars and cigarette ttes.**  
 (a) Cigars.  
 (b) Cigarettes.
- 1609 **Combs and hairpins, not made from metal or rubber.**  
 Combs and hairpins for dressing or ornamenting the hair, made from fiber, bone, horn, tortoise shell, celluloid, and ivory; also novelties for ladies' headdress, barrettes, hair-puff pins, hair ornaments, comb mountings, etc.
- 1610 **Dairymen's supplies; creamery, cheese-factory, and butter-factory equipment; and poultrymen's and apiarists' supplies.**  
 (a) Incubators and brooders. (b) Other poultrymen's supplies, such as coops, hovers, houses, incubator regulators, feeders, feed cookers, crates and chicken-shipping boxes, etc. (c) Cream separators, centrifugal and gravity, and accessories. (d) Other dairymen's, creamery, cheese-factory, and butter-factory supplies and equipment, such as automatic sanitary butter machines; butter workers, vats, colors, packers, ladles, and molds; cheese presses, and bandages; rennet extract and lactic ferment; churns; dairy tinware; milk tanks, coolers, etc.; pasteurizers; portable stalls; etc. (Creamery, butter-factory, and cheese-factory machinery, except cream separators, is to be classified under 'Foundry and machine-shop products, not elsewhere classified,' Group 13). (e) Apiarists' supplies, such as bee escapes, bee veils, comb foundation, hives, honey boxes and sections, etc.
- 1611 **Dental goods and equipment.**  
 Artificial teeth, filling material, dental alloys, plate material, carbundum disks and wheels, mandrels, casting machines, dental files, impression materials, gold crown and bridge work, rubber plate work and suction plates and cups, workshop tools, etc. (Dental instruments are classified under "Instruments, professional and scientific.")

- Industry No.**                      **CLASSIFICATION**
- 1612 **Fancy and miscellaneous articles, not elsewhere classified.**  
 Beaded articles, celluloid novelties, art novelties, holiday goods, photo jewelry and buttons, inlaid veneer work, silk watch chains, burnt-wood articles, lamp shades, bric-a-brac, composition ornaments, needle and pin books, decalomania work (when not on china or glass), and many other miscellaneous small articles not covered by distinct classifications.
- 1613 **Feathers, plumes, and manufactures thereof.**  
 Production of fancy feathers, plumes, quills, and articles made principally from feathers and plumes; curling, dyeing, and renovating ostrich feathers for the trade. (Establishments engaged wholly or mainly in the performance of custom work are not included.)
- 1614 **Foundry supplies.**  
 Foundry supplies, such as cement for castings, core oils and compounds, chaplets, wax and flux, "parting" composition, flasks, sieves, pipe blacking, plumbago, etc.
- 1615 **Fur goods.**  
 Fur and fur-lined coats and overcoats, fur neck pieces of all kinds, fur hats and caps, fur trimming, fur robes, all other fur and fur-lined goods, sheep-lined garments.
- 1616 **Furs, dressed.**  
 The scraping, currying and tanning, and bleaching and dyeing of pelts for use in the manufacture of fur goods, and the dressing of hair and bristles. In many cases this work is done for others on a contract basis.
- 1617 **Hair work.**  
 Wigs, switches, braids, puffs, and related articles made largely from human hair but in some cases from mohair or other animal hair.
- 1618 **Hand stamps and stencils and brands.**  
 Rubber and metal stamps, dies, seals, and presses, steel letters and figures, check protectors, date and time stamps, numbering machines, copper and brass stamps for marking textiles, steel shoe stamps, etc. Stencils made of brass, steel, or other material for use in painting or marking or in addressing machines; branding irons (irons to be heated and used in marking casks, boxes, articles of merchandise, etc.).
- 1619 **Hats, straw, men's.**  
 The manufacture of men's straw hats and the bleaching and finishing of Panama and other straw hats. (Trimmed hats for women and children are classified under "Millinery, not elsewhere classified.")
- 1620 **Instruments, professional and scientific.**  
 All kinds of anthropometrical, astronomical, physiological, chemical, and physical apparatus for educational and commercial purposes; drafting instruments; surveyors', nautical, and similar instruments; surgical, dental, orthopedic, and veterinary instruments, etc. Among the numerous products are the following: Speedometers, barometers, thermometers, compasses, binnacles, dental mirrors, micrometers, and spectroscopes.
- 1621 **Ivory, shell, and bone work, not including buttons, combs, or hairpins.**  
 Articles made from ivory, shell, mother-of-pearl, horn, or bone, not elsewhere classified. Products include mosaics, knife handles and tips, fobs, buckles, and other fittings for jewelers' use, manœuvre implements, watch chains, stick pins, hatpins, inlaying for musical instruments, etc.
- 1622 **Jewelry and instrument cases.**  
 Cases, trays, fancy boxes, etc., for jewelry, instruments, cutlery, eye-glasses, combs, compasses, cigarettes, pipes, toilet sets, etc.
- 1623 **Lapidary work.**  
 Cutting and polishing of diamonds and other precious or semiprecious stones; drilling of pearls; recutting and setting for the trade; preparation of jewels for surveyors' and electrical instruments and for watches and chronometers, and of real and imitation stones for emblems. Much of the work is done on a contract basis on materials owned by others.
- 1624 **Mattresses and bed springs, not elsewhere classified.**  
 Mattresses filled with hair, cotton, felt, moss, or similar material; wire springs for use on beds, couches, and cots; spring cushions.
- 1625 **Models and patterns, not including paper patterns.**  
 Patterns and models for use in making matrices or molds for casting metal or for making brick, glassware, etc.; hat blocks, pottery braces, wax figures, dress and show forms, stamping outfits, etc.
- 1626 **Motion pictures, not including projection in theaters.**  
 All processes and activities connected with the production of motion pictures, not including their projection in theaters.

Industry No.	CLASSIFICATION	Industry No.	CLASSIFICATION
1627	<b>Musical instrument parts and materials: Piano and organ.</b> Piano strings, plates, keys, actions, keyboards, cases, back frames, pedal attachments, hammers, sounding boards, legs, and trusses; organ reeds, pipes, stops, knobs, pedals, and reed boards; and all other parts and materials for pianos and organs, except piano and organ hardware.	1640	<b>Signs and advertising novelties.</b> Electric signs; other signs, such as illuminated signs, "talking signs," street-car destination signs, painted and decorated show cards, etc.; advertising novelties—tools, utensils, and conveniences marked with advertising notices, such as corkscrews, matchboxes, calendars, memorandum books, etc.
1628	<b>Musical instruments and parts and materials, not elsewhere classified.</b> All kinds of complete musical instruments except pianos, organs, and orchestrions; parts and materials for musical instruments other than pianos, organs, and orchestrions.	1641	<b>Soda-water apparatus.</b> Soda fountains, tanks, siphons, etc.
1629	<b>Musical instruments: Organs.</b> Complete organs (pipe and reed).	1642	<b>Sporting and athletic goods, not including firearms or ammunition.</b> Boxing gloves; punching bags; dumb-bells; clay-pigeon traps; fishing rods and tackle; baseball, football, basketball, tennis, golf, and polo goods; exercising machines; skates, ice and roller; snowshoes; toboggans; decoys; etc.
1630	<b>Musical instruments: Pianos.</b> Complete pianos, with or without player attachments.	1643	<b>Stationery goods, not elsewhere classified.</b> Papeterie and other stationers' specialties; inkstands; penholders, desk pads, etc.; calendars; copying devices; maps (wall, school, and other) and globes; school supplies; etc.
1631	<b>Optical goods.</b> This classification covers manufacturing opticians. Although some establishments produce complete spectacles and eyeglasses of various kinds, most of them either grind the lenses or make the frames but are not engaged in both lines of manufacture. Products include automatic eyeglass holders, eye shields and shades, eye-testing sets, eyeglasses, frames, and mountings, goggles, lenses, microscopes, telescopes, opera glasses, ophthalmic instruments and apparatus, optometers, photographic and projection lenses and prisms, photomicro and micro-projection apparatus, refractometers, spectrometers, optical measuring instruments, range finders, fire-control apparatus, and optical glass, machinery, and tools.	1644	<b>Steam and other packing, pipe and boiler covering, and gaskets, not elsewhere classified.</b> Packing for use in stuffing boxes of steam engines, in pipe joints of many kinds, and in air compressors; gaskets for internal-combustion engines; and heat insulating materials for use as covering on boilers, steam and hot-water pipes, ammonia pipes in refrigerating plants, etc.
1632	<b>Paving materials: Asphalt, tar, crushed slag, and mixtures.</b> Paving blocks and paving materials, mixed or unmixed, for streets and sidewalks, and paving blocks for floors. Blocks are made of asphalt, creosoted wood, and various patented compositions. ( <i>Stone paving blocks, including granite, are classified under "Marble, granite, slate, and other stone products."</i> ) Mixed paving materials include artificial asphalt, asphalt mixture for top coat and binder, bituminous and other cements, liquid asphalt, tar concrete, etc.	1645	<b>Surgical and orthopedic appliances, including artificial limbs.</b> Surgical appliances other than surgical instruments and dental appliances; bandages; dressings. Specific products include, among others, trusses, elastic hosiery and belts, braces, extension shoes, arch supports for insteps, obesity belts, surgical gauze, douches, pneumatic splints, abdominal supports, shoulder braces, "magnetic" insoles, sutures, eardrums, electric belts, anklets, kneecaps, suspensories, etc.
1633	<b>Pencils, lead (including mechanical).</b> Complete lead pencils, wooden; pencils with removable holders and removable leads; holders only; leads only.	1646	<b>Theatrical scenery and stage equipment.</b> Scenery for theaters, opera houses, halls, and schools; advertising curtains; stage hardware and equipment; floats for street pageants; etc. (Incidental work done on scenery in theaters is not included.)
1634	<b>Pens, fountain and stylographic; pen points, gold, steel, and brass.</b> Complete fountain pens, stylographic pens, and ink pencils; rubber holders and other parts; gold pens; steel and other metal pens.	1647	<b>Tobacco: Chewing and smoking, and snuff.</b>
1635	<b>Phonographs.</b> All kinds of machines for mechanically recording or reproducing speech, music, or other sounds; parts and supplies, such as mechanical parts, record blanks, and records of music, speeches, etc.	1648	<b>Toys (not including children's wheel goods or sleds), games, and playground equipment.</b> All games for adults except those classifiable under "Sporting and athletic goods, not including firearms or ammunition" and those played with ordinary playing cards (classified under "Paper goods, not elsewhere classified"); all games for children; magic lanterns; carousels; dolls and doll clothing; conjuring apparatus; puzzles; toy furniture and utensils; playground goods; toy building blocks; children's driving reins; rattles and floor-rolling whistles; toy drums; hobbyhorses and rocking-horses; kites; magical apparatus, tricks, and novelties; masks; mechanical toys; toy railways, engines, and cars; toy savings banks; wigwags; marbles; fabric and leather-covered balls; educational boards; toy tools, canes, pistols, bells, and air rifles; etc.
1636	<b>Photographic apparatus and materials.</b> Cameras, motion-picture machines, photostat machines, blue-printing machines, flash-light apparatus, tripods, film rewinders and reels, plate holders, developing tanks, shutters, etc.; films, plates, developers, etc. (Unexposed motion-picture films are included.)	1649	<b>Umbrellas, parasols, and canes.</b> Umbrellas, parasols, cases, handles (other than gold or silver), frames and other parts; canes. (Gold handles are classified under "Jewelry" and silver handles under "Silversmithing and silverware.")
1637	<b>Pipes (tobacco).</b> All kinds of smokers' pipes, pipestems, etc.	1650	<b>Whips.</b> Whips, riding whips, and crops, whipstocks, whiphandles, whip-lashes, etc.
1638	<b>Roofing, built-up and roll; asphalt shingles; roof coatings other than paint.</b> Asphalt shingles, roofing cement, crushed furnace slag, tarred and other saturated felts, mastic, and roofing pitch. (The laying of roofing, which is a building and not a manufacturing process, is not included in this industry.)	1651	<b>Window shades and fixtures.</b> Window shades, rollers, curtain poles and rods, etc.
1639	<b>Sandpaper, emery paper, and other abrasive paper and cloth.</b> Sandpaper, sand cloth, emery paper, emery cloth, flint paper, glass paper, etc.		