APPENDIXES

A.—Legal provisions for Biennial Census of Manufactures
B.—General schedule
C.—Alphabetical list of industries: 1939
D.—List of industries, with descriptions, by groups: 1939
E.—List of industry changes: 1937-39
APPENDIX A

PROVISIONS OF LAW RELATING TO THE BIENNIAL CENSUS OF MANUFACTURES

[From Fifteenth Census Act, approved June 18, 1902]

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

Your report is required by Act of Congress. This Act also makes it unlawful for the Bureau to disclose any facts, including names or identity of persons, from your census report. Only sworn census employees will see your statements. Data collected will be used solely for statistical purposes concerning the Nation's population, resources, and business activities. Your Census Reports Cannot be Used for Purposes of Taxation, Regulation, or Investigation.

DO NOT USE

(Industry number)

(State and county)

(City) (Ind. area) (C. of O.)

(Schedule number)

FORM 100

DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS

WASHINGTON

CENSUS OF MANUFACTURES: 1939

GENERAL SCHEDULE

INQUIRY 1.—DESCRIPTION OF PLANT (See Instructions):

A separate report should be made for each plant, except as explained in Instructions.

How many plants does this report cover? □

If more than one, give names and locations under "Remarks." (See Instructions.)

(a) Name of plant

(b) Name of owner or operator

LEGAL FORM OF ORGANIZATION

(Place check mark in proper square)

☐ Individual proprietorship □ Partnership □ Corporation □ Cooperative □ Other (specify)

Does this concern operate or control one or more other factories or manufacturing subsidiaries? □

(Yes or no)

(c) Address of general office

(Street and number)

(City)

(State)

LOCATION OF PLANT

(d) State

(e) Place (city, town, village, etc.)

(f) County

(g) Street and number

(h) Is plant located within present corporate boundaries of city, town, or village named above? □

(Yes or no)

(i) Post office of plant, if different from plant location

(j) Is the concern which operates this plant a branch, subsidiary, or affiliate of some other concern? □

(Yes or no)

If so, give name and address of such concern

(k) Place a check mark (✓) in proper space if, since December 31, 1937, this plant has changed its name ( ), location ( ), general nature of business ( ). If changed, give former name, location, or nature of business

(l) Place a check mark (✓) in proper space if, since December 31, 1937, this plant was purchased ( ); sold ( ); or leased for any part of 1939 ( ). Give name and address of seller, buyer, lessor, or lessee, and date of change

INQUIRY 2.—PERSONS ENGAGED—Include number of employees receiving pay at any time during the normal pay-roll period ending nearest October 14, 1939. Do not count the same person twice under different headings.

Number of proprietors or firm members (not applicable to incorporated companies) □

A-1

B-1

<table>
<thead>
<tr>
<th>Office use only</th>
<th>Key</th>
<th>Number of male</th>
<th>Key</th>
<th>Number of female</th>
<th>Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-2</td>
<td></td>
<td>B-2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Salaried officers of the corporation</td>
<td>A-2</td>
<td>B-3</td>
<td>B-4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Manufacturing—Include only those employees whose duties are concerned wholly or chiefly with manufacturing</td>
<td></td>
<td>B-5</td>
<td>B-6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Distribution—Include only those employees who devote all or the major portion of their time to selling, advertising, sales promotion, credit, collecting, billing, installing or servicing goods sold, and other distribution activities</td>
<td></td>
<td>B-7</td>
<td>B-8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Construction—Include only those employees engaged in major construction and major repair work in this plant</td>
<td></td>
<td>B-9</td>
<td>B-10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. All other employees (state type of work performed)</td>
<td></td>
<td>B-10</td>
<td>B-11</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(Continued on next page)

402
INQUIRY 2.—Continued.

B. Manufacturing employees:

Of the manufacturing employees reported above (under A-2) how many are:

<table>
<thead>
<tr>
<th>Number of male</th>
<th>Key</th>
<th>Number of female</th>
<th>Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Managers, superintendents, other supervisory employees, and responsible professional and technical employees</td>
<td>B-12</td>
<td>B-13</td>
<td></td>
</tr>
<tr>
<td>2. Clerks, stenographers, bookkeepers, and other clerical employees</td>
<td>Office use only</td>
<td>A-3</td>
<td>B-14</td>
</tr>
<tr>
<td>3. Wage earners</td>
<td>B-16</td>
<td>B-17</td>
<td></td>
</tr>
</tbody>
</table>

Total (should check with A-2 above).

INQUIRY 3.—WAGE EARNERS EMPLOYED BY MONTHS—Give number of wage earners engaged in manufacturing or receiving pay at any time during the normal pay-roll period ended nearest the 15th of each month. Figures given in this inquiry should include only the class of employees reported under Inquiry 2-B-3 above.

<table>
<thead>
<tr>
<th>Number</th>
<th>Key</th>
<th>Number</th>
<th>Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan....</td>
<td>C-1</td>
<td>Apr....</td>
<td>C-4</td>
</tr>
<tr>
<td>Feb....</td>
<td>C-2</td>
<td>May....</td>
<td>C-5</td>
</tr>
<tr>
<td>Mar....</td>
<td>C-3</td>
<td>June....</td>
<td>C-6</td>
</tr>
<tr>
<td>July....</td>
<td>C-7</td>
<td>Aug....</td>
<td>C-8</td>
</tr>
<tr>
<td>Sept....</td>
<td>C-9</td>
<td>Oct....</td>
<td>C-10</td>
</tr>
<tr>
<td>Nov....</td>
<td>C-11</td>
<td>Dec....</td>
<td>C-12</td>
</tr>
<tr>
<td>(Specify year, if other than 1939.)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total number of days this plant operated during year ________

INQUIRY 4.—SALARIES AND WAGES—Report amounts for the entire year covered by this report. Include bonuses or percentages of profits when paid either to officers and salaried employees or to wage earners. Include employees' social security contributions. Do not include payments in kind.

<table>
<thead>
<tr>
<th>Omit cents</th>
<th>Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>$...........</td>
<td>D-1</td>
</tr>
</tbody>
</table>

A. Grand total of salaries and wages for all employees for the plant.

1. Salaries of officers of the corporation.

2. Manufacturing.—Total salaries and wages of those employees whose duties are concerned wholly or chiefly with manufacturing.

3. Distribution.—Total salaries and wages of those employees who devote all or the major portion of their time to selling, advertising, sales promotion, credit, collecting, billing, installing or servicing goods sold, and other distribution activities.

4. Construction.—Total salaries and wages of those employees engaged in major construction and repair work in this plant, including force account work.

5. Total salaries and wages of all other employees.

B. Manufacturing employees:

Of the manufacturing employees reported above (under A-2) how much was received by:

1. Managers, superintendents, other supervisory employees, and responsible professional and technical employees.

2. Clerks, stenographers, bookkeepers, and other clerical employees.

3. Wage earners.

Total salaries and wages (should check with A-2 above).

INQUIRY 5.—COST OF MATERIALS, ETC., ACTUALLY USED DURING YEAR:

<table>
<thead>
<tr>
<th>Cost (omit cents)</th>
<th>Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>$...........</td>
<td>E-1</td>
</tr>
</tbody>
</table>

(a) Cost of materials, supplies, and containers for products.

(b) Cost of fuel.

(c) Cost of purchased electric energy (for all purposes).

(d) Cost of contract and commission work done for you outside the plant on materials supplied by you in the manufacture of products reported under Inquiry 10.

Total.
### Inquiry 6—Power Equipment

The figures given in this inquiry should relate to equipment in use or available for use at the end of the period covered by the report.

<table>
<thead>
<tr>
<th>Type</th>
<th>Prime Movers Driving Generators</th>
<th>Prime Movers Not Driving Generators</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number</td>
<td>Total rated horsepower</td>
</tr>
<tr>
<td>(a) All equipment, available for use, active and idle:</td>
<td>Key</td>
<td>Key</td>
</tr>
<tr>
<td>Steam engines</td>
<td>F-1</td>
<td>F-2</td>
</tr>
<tr>
<td>Steam turbines</td>
<td>F-4</td>
<td>F-5</td>
</tr>
<tr>
<td>Diesel and semi-Diesel engines</td>
<td>F-7</td>
<td>F-8</td>
</tr>
<tr>
<td>Other internal-combustion engines (gas, gasoline, etc.)</td>
<td>F-10</td>
<td>F-11</td>
</tr>
<tr>
<td>Hydro-turbines and water wheels</td>
<td>F-13</td>
<td>F-14</td>
</tr>
</tbody>
</table>

(b) Equipment, included above, ordinarily idle but held for standby (not junk):

<table>
<thead>
<tr>
<th>Number</th>
<th>Key</th>
<th>Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>F-18</td>
<td>x x x x</td>
<td>F-17</td>
</tr>
</tbody>
</table>

### Electric Motors

<table>
<thead>
<tr>
<th>Type</th>
<th>Number</th>
<th>Key</th>
<th>Total rated horsepower</th>
<th>Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) Electric motors driven by purchased energy</td>
<td>G-13</td>
<td>G-14</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(b) Electric motors driven by energy generated in the plant</td>
<td>G-15</td>
<td>G-16</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Inquiry 7—Fuel and Electric Energy Used

(Do not include coke or gas manufactured in the plant from other fuels):

<table>
<thead>
<tr>
<th>Unit</th>
<th>Quantity</th>
<th>Key</th>
<th>Cost delivered at factory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coal, bituminous (soft, including lignite)</td>
<td>Short ton</td>
<td>H-1</td>
<td>$…</td>
</tr>
<tr>
<td>Coal, anthracite (hard)</td>
<td>Short ton</td>
<td>H-2</td>
<td>$…</td>
</tr>
<tr>
<td>Coke</td>
<td>Short ton</td>
<td>H-3</td>
<td>$…</td>
</tr>
<tr>
<td>Fuel oil (including heating oils but not gasoline or lubricants)</td>
<td>Bbl. (42 gal.)</td>
<td>H-4</td>
<td>$…</td>
</tr>
<tr>
<td>Gas, natural</td>
<td>M. cu. ft.</td>
<td>H-5</td>
<td>$…</td>
</tr>
<tr>
<td>Gas, manufactured</td>
<td>M. cu. ft.</td>
<td>H-6</td>
<td>$…</td>
</tr>
<tr>
<td>Gas, mixed</td>
<td>M. cu. ft.</td>
<td>H-7</td>
<td>$…</td>
</tr>
<tr>
<td>Total amount of electric energy generated in your plant</td>
<td>Kw.-hr.</td>
<td>H-8</td>
<td>$…</td>
</tr>
<tr>
<td>Total amount of electric energy sold</td>
<td>Kw.-hr.</td>
<td>H-9</td>
<td>$…</td>
</tr>
<tr>
<td>Electric energy purchased (report the same cost as reported under Inquiry 5 (c))</td>
<td>Kw.-hr.</td>
<td>H-10</td>
<td>$…</td>
</tr>
</tbody>
</table>

### Inquiry 8—Expenditures for Plant and Equipment

Report all permanent additions and major alterations made on contract or by own forces, which were charged during the year to fixed asset accounts and which are of the type for which depreciation accounts are ordinarily maintained. Exclude expenditures for replacements which are in the nature of maintenance.

<table>
<thead>
<tr>
<th>Key</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>J-1</td>
<td>$…</td>
</tr>
</tbody>
</table>

1. Expenditures for new construction or major alterations of buildings and other fixed plant and structures (buildings, docks, tracks, blast furnaces, etc.). Elevators, heating and ventilating equipment, etc., essentially a part of buildings or other fixed structures should be included. Do not include movable equipment. Do not include land, or used equipment and existing old plant previously owned by others.

2. Expenditures for new machinery and operating equipment. Include all new motors, lathes, punch presses, cranes, automobiles, trucks, railroad rolling stock, office fixtures, furniture, typewriters, billing machines, cash registers, and other movable equipment.

3. Expenditures for plant and equipment, acquired in a "used" condition from other owners, and expenditures for land.
APPENDIX B

INQUIRY 9—INVENTORY—Report all inventories, wherever located, for the account of this plant. Include goods owned by you but held by others. Do not include goods held by you and owned by others.

| (a) Finished products of this plant, including goods produced by contract work on materials owned by you. | Beginning of year | Key | End of year | Key |
| (b) Materials, supplies, fuel, work in process, and all other inventories. | (State date above) | J-5 | J-6 |
| | $ | $ | $ | $ |

INQUIRY 10—PRODUCTS MADE AND WORK DONE DURING YEAR:

What were the principal materials (in the order of their importance) used in manufacturing the products listed below?

| (a) Chief products (state kind): | Unit | Quantity | Value (in units cents) |
| (b) All other products (state kind) | x x x | x x x x x x x x x x x |
| | | | $ |
| (c) Scrap and usable refuse | x x x | x x x x x x x x x x x |
| | | | $ |
| (d)Receipts for contract and commission work done by you on materials owned by others | x x x | x x x x x x x x x x x |
| | | | $ |
| (e)Receipts for repair work | x x x | x x x x x x x x x x x |
| | | | $ |

Total value | A-10 | $ |

REMARKS:

CERTIFICATE

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

(Signature and official title of person furnishing the information)

(Signature of enumeration)
**DISTRIBUTION OF SALES**

This sheet should show the distribution of sales and interplant transfers of the products manufactured by the plant or plants whose manufacturing activities are covered by the preceding pages of this schedule.

Sales should include purchased merchandise resold without processing, in addition to own products. Therefore, the total value of goods sold or shipped from this plant (item 10 below) may not be the same as the value of products elsewhere reported.

The following information is required from every manufacturing plant, even though no distinct sales department is maintained. Manufacturer's sales branches and offices operated apart from the plant should be reported on Distribution Form 31. Separate administrative or general offices located apart from the plant should be reported on Form 10.

---

**D-1. DESCRIPTION OF PLANT:**

(a) Name of plant

(b) Name of owner or operator

(c) Location of plant
   - State
   - County
   - Name of city, town, or village
   - Street and number

---

**D-2. NET SALES AND INTERPLANT TRANSFERS** (Deduct returns and allowances):

(a) Report the value, f. o. b. factory, of all goods shipped or delivered from this plant during the year 1939 (including sales through agents and brokers), analyzed as shown below. Deduct returns and allowances, but include purchased merchandise sold without processing. (Where exact figures are not available give the best possible approximations.)

<table>
<thead>
<tr>
<th>Description</th>
<th>Unit cents</th>
<th>Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intracompany Sales and Transfers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(1) Interplant transfers to own plants in the United States</td>
<td>$...........</td>
<td>A-2</td>
</tr>
<tr>
<td>(2) Sales to or through your own wholesale sales branches and sales offices</td>
<td>$...........</td>
<td>A-3</td>
</tr>
<tr>
<td>from the plant. (Whether or not stocks are carried in such branches)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(3) Sales to or through your own retail stores</td>
<td>$...........</td>
<td>A-4</td>
</tr>
<tr>
<td>Sales to Other Business Concerns in the United States</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(4) Sales to industrial, commercial, professional, and institutional users.</td>
<td>$...........</td>
<td>A-5</td>
</tr>
<tr>
<td>(5) Sales to wholesalers and jobbers for resale. (Include supply houses,</td>
<td>$...........</td>
<td>A-6</td>
</tr>
<tr>
<td>but not export concerns)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(6) Sales to export intermediaries. (Report export sales to buyers in</td>
<td>$...........</td>
<td>A-7</td>
</tr>
<tr>
<td>foreign countries under (8) below and not here)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(7) Sales to retailers for resale. ( Chains, mail-order houses, department</td>
<td>$...........</td>
<td>A-8</td>
</tr>
<tr>
<td>store, and independent retailers)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sales to Consumers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(8) Sales to farmers and household consumers, including employees (at</td>
<td>$...........</td>
<td>A-9</td>
</tr>
<tr>
<td>retail)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Export Sales</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(9) Export sales made direct to buyers in foreign countries. (Including</td>
<td>$...........</td>
<td>A-10</td>
</tr>
</tbody>
</table>
## APPENDIX C

### INDUSTRY GROUPS

<table>
<thead>
<tr>
<th>Group No.</th>
<th>Industry Group</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Food and kindred products.</td>
</tr>
<tr>
<td>2</td>
<td>Tobacco manufactures.</td>
</tr>
<tr>
<td>3</td>
<td>Textile-mill products and other fiber manufactures.</td>
</tr>
<tr>
<td>4</td>
<td>Apparel and other finished products made from fabrics and similar materials.</td>
</tr>
<tr>
<td>5</td>
<td>Lumber and timber basic products.</td>
</tr>
<tr>
<td>6</td>
<td>Furniture and finished lumber products.</td>
</tr>
<tr>
<td>7</td>
<td>Paper and allied products.</td>
</tr>
<tr>
<td>8</td>
<td>Printing, publishing, and allied industries.</td>
</tr>
<tr>
<td>9</td>
<td>Chemicals and allied products.</td>
</tr>
<tr>
<td>10</td>
<td>Products of petroleum and coal.</td>
</tr>
<tr>
<td>11</td>
<td>Rubber products.</td>
</tr>
<tr>
<td>12</td>
<td>Leather and leather products.</td>
</tr>
<tr>
<td>13</td>
<td>Stone, clay, and glass products.</td>
</tr>
<tr>
<td>14</td>
<td>Iron and steel and their products, except machinery.</td>
</tr>
<tr>
<td>15</td>
<td>Nonferrous metals and their products.</td>
</tr>
<tr>
<td>16</td>
<td>Electrical machinery.</td>
</tr>
<tr>
<td>17</td>
<td>Machinery (except electrical).</td>
</tr>
<tr>
<td>18</td>
<td>Automobiles and automobile equipment.</td>
</tr>
<tr>
<td>19</td>
<td>Transportation equipment except automobiles.</td>
</tr>
<tr>
<td>20</td>
<td>Miscellaneous industries.</td>
</tr>
</tbody>
</table>

### INDUSTRIES, 1939—ALPHABETICAL LIST—Continued

<table>
<thead>
<tr>
<th>Industry No.</th>
<th>Industry</th>
<th>Form No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1382</td>
<td>Boat building and boat repairing</td>
<td>1419</td>
</tr>
<tr>
<td>1336</td>
<td>Bolts, nuts, washers, rivets, plates, not operated in connection with rolling mills</td>
<td>1101</td>
</tr>
<tr>
<td>936</td>
<td>Bone black, carbon black, and lampblack</td>
<td>606</td>
</tr>
<tr>
<td>880</td>
<td>Bookbinding and related industries</td>
<td>688</td>
</tr>
<tr>
<td>838</td>
<td>Books, printing without publishing</td>
<td>508</td>
</tr>
<tr>
<td>832</td>
<td>Books, publishing and printing</td>
<td>508</td>
</tr>
<tr>
<td>831</td>
<td>Books, publishing without printing</td>
<td>508</td>
</tr>
<tr>
<td>1250</td>
<td>Boot and shoe cutout stock and findings</td>
<td>902</td>
</tr>
<tr>
<td>1351</td>
<td>Brick and hollow structural tile</td>
<td>1004</td>
</tr>
<tr>
<td>2081</td>
<td>Brush</td>
<td>504</td>
</tr>
<tr>
<td>2082</td>
<td>Brushes</td>
<td>1604</td>
</tr>
<tr>
<td>2961</td>
<td>Buttons</td>
<td>1606</td>
</tr>
<tr>
<td>964</td>
<td>Candles</td>
<td>610</td>
</tr>
<tr>
<td>1711</td>
<td>Cattle and other livestock products</td>
<td>112</td>
</tr>
<tr>
<td>1611</td>
<td>Cane sugar—except refined cane sugar</td>
<td>130</td>
</tr>
<tr>
<td>1522</td>
<td>Cane-sugar refining</td>
<td>131</td>
</tr>
<tr>
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<td>Linen goods</td>
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<td>Linoleum, asphalted-felt-base, and other hard-surface floor coverings, not elsewhere classified</td>
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<td>928</td>
<td>Liquid oil, cake, and meal</td>
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<td>185</td>
<td>Liquor, distilled</td>
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<td>186</td>
<td>Liquor, rectified or blended</td>
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<td>Lithographing and photo-lithographing (including requisition of stones or plates and dry transfer)</td>
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<td>Locomotives (including frames and parts: railroad, mining, and industrial</td>
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<td>Logging camps and portable (including sawmills)</td>
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<td>992</td>
<td>Lubricating oils and greases—not made in petroleum refineries</td>
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<td>198</td>
<td>Macaroni, vermicelli, and noodles</td>
<td>616</td>
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<td>Machine and hand typesetting (including advertisement typesetting)</td>
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<td>Machine-shop repairs</td>
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<td>Machine-tool and other metalworking-machine accessories, metal-cutting and shaping tools, and machinists' precision tools</td>
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<td>Milk</td>
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<td>Matches</td>
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<tr>
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<td>Mattresses and bedspreads</td>
<td>760</td>
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<td>Measuring instruments, mechanical (except electrical measuring instruments, watches, and clocks)</td>
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<td>Meat packing, wholesale</td>
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<td>Mechanical power-transmission equipment</td>
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<td>425</td>
<td>Men's and boys' hats and caps (except felt and straw)</td>
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<td>414</td>
<td>Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories</td>
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<td>Men's and boys' shirts (except work shirts), collars, and nightwear—made in contract factories or by jobbers engaging contractors</td>
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<td>Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories</td>
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<td>Men's and boys' underwear—made in contract factories</td>
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<td>Men's and boys' underwear—made in contract factories or by jobbers engaging contractors</td>
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<td>424</td>
<td>Men's neckwear—made in contract factories</td>
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<td>423</td>
<td>Men's neckwear—made in contract factories or by jobbers engaging contractors</td>
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<td>Metalworking machinery and equipment, not elsewhere classified</td>
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<td>Millinery</td>
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<td>1395</td>
<td>Minerals and earths, ground or otherwise treated</td>
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<td>Mineral wool</td>
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<td>1733</td>
<td>Mining machinery and equipment</td>
<td>313</td>
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<td>696</td>
<td>Mirror frames and picture frames</td>
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<td>Mirrors and other glass products made of purchased glass</td>
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<td>1810</td>
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<td>Mica, paste, and other adhesives, except glue and rubber cement</td>
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<td>Nails, spikes, etc., not made in wire mills or in plants operated in connection with rolling mills</td>
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<td>Natural graphite, ground and refined</td>
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<td>Needles, pins, hooks and eyes, and aldo and snap fasteners</td>
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<td>Newspapers: publishing without printing</td>
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<td>Nonalcoholic beverages</td>
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<td>Nonferrous-metal founders (except aluminum)</td>
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<td>Oil burners, domestic and industrial</td>
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<td>Oil-field machinery and tools</td>
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<td>Osmangardine—made in meat-packing establishments</td>
<td>120</td>
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<td>2014</td>
<td>Optical instruments and lenses</td>
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<td>2013</td>
<td>Optical instruments and lenses</td>
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<td>Organs</td>
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<td>1052</td>
<td>Oven coke and coke-oven byproducts</td>
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<td>Paints, varnishes, and lacquers</td>
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<td>Paper and paperboard</td>
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<td>Paper bags, except those made in paper mills</td>
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<td>Paper-mill, pulp-mill, and paper-products machinery</td>
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<td>641</td>
<td>Paper-mill, pulp-mill, and paper-products machinery</td>
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<td>Pavement blocks and crested wood, and composition</td>
<td>1634</td>
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<td>2052</td>
<td>Pens (except mechanical) and crayons</td>
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<td>Pens, mechanical pencils, and pen points</td>
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<td>852</td>
<td>Perfumes, cosmetics, and other toilet preparations</td>
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<td>482</td>
<td>Periodicals: publishing and printing</td>
<td>508</td>
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<td>893</td>
<td>Photogravure, not done in printing establishments (including preparation of plates)</td>
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<td>Photographic apparatus and materials and production equipment (except lenses)</td>
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<td>Piano and organ parts and materials</td>
<td>1628</td>
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<tr>
<td>135</td>
<td>Pickled fruits and vegetables and vegetable sauces and seasonings</td>
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<td>Plating mills not operated in combination with foundries</td>
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<td>Plastic materials</td>
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<td>Plywood mills (also see Schedule No. 314 for planing-mill and related products)</td>
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<td>Poultry dressing and packing, wholesale</td>
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<td>Roofing materials (except slate)</td>
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<td>Preserves, jams, jellies, and fruit butters</td>
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<td>1510</td>
<td>Primary smelting and refining of nonferrous metals</td>
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<td>987</td>
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<td>1756</td>
<td>Printing-trade machinery and equipment</td>
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<tr>
<td>394</td>
<td>Prepared waste and recovered wood fibers</td>
<td>211</td>
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<td>Processed waste and recovered wood fibers—regular factory or jobbers engaging in</td>
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<td>Public-building furniture and fittings</td>
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<td>794</td>
<td>Pulp goods (pressed, molded)</td>
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<td>Pulp mills</td>
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<td>Pumping equipment and air compressors</td>
<td>1200</td>
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<tr>
<td>137</td>
<td>Rubber and allied products</td>
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<td>1661</td>
<td>Radios, radio tubes, and phonographs</td>
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<td>486</td>
<td>Raincoats and other waterproof garments (except oiled cotton)</td>
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<td>Rail and tile (except furniture and baskets other than vegetable and fruit baskets)</td>
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<td>Rayon and allied products</td>
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<td>332</td>
<td>Rayon broad woven goods—regular factory or jobbers engaging in</td>
<td>203</td>
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<tr>
<td>331</td>
<td>Rayon broad woven goods—regular factory or jobbers engaging in</td>
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<td>Rayon narrow fabrics</td>
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<tr>
<td>335</td>
<td>Rayon cloth and related products</td>
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<td>1191</td>
<td>Reclaimed rubber</td>
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<td>Refrigerators, domestic (mechanical and electric)</td>
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<td>144</td>
<td>Rice cleaning and polishing</td>
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<tr>
<td>485</td>
<td>Robes, lounging garments, and dressing gowns</td>
<td>215</td>
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<td>1062</td>
<td>Roofing, built-up and roll; asphalt shingles;</td>
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<td>Roofing tile</td>
<td>1638</td>
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<td>1121</td>
<td>Rubber boots and shoes (including rubber-soled bootswear with fabric uppers)</td>
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<td>1199</td>
<td>Rubber products not elsewhere classified</td>
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<td>1291</td>
<td>Saddlery, harness, and whips</td>
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<td>1498</td>
<td>Safe and vaults</td>
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<td>156</td>
<td>Salt</td>
<td>100</td>
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<tr>
<td>984</td>
<td>Sand</td>
<td>100</td>
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<tr>
<td>1396</td>
<td>Sand-lime brick, block, and tile</td>
<td>1005</td>
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<tr>
<td>114</td>
<td>Sausage casings—not made in meat-packing establishments</td>
<td>128</td>
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<td></td>
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</tr>
<tr>
<td>113</td>
<td>Sausage casings and related products—not made in meat-packing establishments</td>
<td>128</td>
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</tr>
<tr>
<td>620</td>
<td>Sawmills, veneer mills, and cooperage—stock mills, including those combined with logging camps and with planing mills</td>
<td>311</td>
<td></td>
<td></td>
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<tr>
<td>1454</td>
<td>Saws</td>
<td>1103</td>
<td></td>
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<tr>
<td>1776</td>
<td>Scales and balances</td>
<td>1302</td>
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</tr>
<tr>
<td>1495</td>
<td>Screw-machine products and wood screws</td>
<td>1101</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Industry No.</th>
<th>Industry</th>
<th>Form No.</th>
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</thead>
<tbody>
<tr>
<td>1531</td>
<td>Secondary smelting and refining, gold, silver, and platinum</td>
<td>1212</td>
</tr>
<tr>
<td>1532</td>
<td>Secondary smelting and refining of nonferrous metals, not elsewhere classified</td>
<td>1212</td>
</tr>
<tr>
<td>1255</td>
<td>Sewer pipe and kindred products</td>
<td>1004</td>
</tr>
<tr>
<td>1756</td>
<td>Sewing machines, domestic and industrial</td>
<td>1313</td>
</tr>
<tr>
<td>1597</td>
<td>Sheet-metal work not specifically classified</td>
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</tr>
<tr>
<td>1931</td>
<td>Shipbuilding and ship repairing</td>
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</tr>
<tr>
<td>2065</td>
<td>Signs, advertising specialties, and novelties</td>
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<tr>
<td>321</td>
<td>Silk broad woven goods—contract factories</td>
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<td>322</td>
<td>Silk broad woven goods—regular factory or jobbers engaging in</td>
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</tr>
<tr>
<td>323</td>
<td>Silk narrow fabrics</td>
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<tr>
<td>325</td>
<td>Silk throwing and spinning—contract factories</td>
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<tr>
<td>324</td>
<td>Silk yarn and thread, spun or woven—regular factory or jobbers engaging in</td>
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<tr>
<td>1561</td>
<td>Silverware and plated ware</td>
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<tr>
<td>1271</td>
<td>Small leather goods</td>
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<td>1272</td>
<td>Soap and glycerin</td>
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<td>2091</td>
<td>Soap, furs, hides, leather goods, and related products</td>
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<td>923</td>
<td>Soybean oil, cake, and meal</td>
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<td>1759</td>
<td>Special industry machinery, not elsewhere classified</td>
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<td>2049</td>
<td>Sporting and athletic goods not elsewhere classified</td>
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<td>1494</td>
<td>Springs, steel (except wire)—made in plants not operated in connection with rolling mills</td>
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<td>1473</td>
<td>Stamped and pressed metal products (except automobile stampings)</td>
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<td>1398</td>
<td>Statutory and art goods (except stone and concrete)—factory production</td>
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<td>1464</td>
<td>Steam and hot-water heating apparatus (including hot-water furnaces)</td>
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<td>1393</td>
<td>Steam and other packaging; pipe and boiler coverings</td>
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<tr>
<td>1713</td>
<td>Steam fittings, regardless of material</td>
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<tr>
<td>1466</td>
<td>Steel bars, rods, and tubes</td>
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<tr>
<td>1423</td>
<td>Steel castings</td>
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<tr>
<td>1412</td>
<td>Steel works and rolling mills</td>
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<td>1767</td>
<td>Stokers, mechanical, domestic and industrial</td>
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<td>1465</td>
<td>Stoves, ranges, water heaters, and other furnaces (except electric)</td>
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<td>1260</td>
<td>Suits, dresses, hats, and related products</td>
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<td>1271</td>
<td>Suits, dresses, hats, and related products</td>
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</tr>
<tr>
<td>1329</td>
<td>Surgical and medical instruments</td>
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</tr>
<tr>
<td>2021</td>
<td>Surgical supplies and equipment not elsewhere classified</td>
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<tr>
<td>2022</td>
<td>Suspension, garters, and other goods made from purchased elastic material</td>
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</tr>
<tr>
<td>1329</td>
<td>Tablerease, pressed or blown glass, and glassware not elsewhere classified</td>
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</tr>
<tr>
<td>1762</td>
<td>Tableware, pressed or blown glass, and glassware not elsewhere classified</td>
<td>1008</td>
</tr>
<tr>
<td>1313</td>
<td>Tanning materials, natural dyestuffs, mordants, assistants, and sizes</td>
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<tr>
<td>1352</td>
<td>Terra cotta</td>
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<tr>
<td>1638</td>
<td>Textile bags—not made in textile mills</td>
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<tr>
<td>1638</td>
<td>Textile machinery</td>
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<td>1402</td>
<td>Tin and other foils (except gold and silver foil)</td>
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<td>Tin cans and other tinware not elsewhere classified</td>
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<tr>
<td>901</td>
<td>Tires and inner tubes</td>
<td>801</td>
</tr>
<tr>
<td>1452</td>
<td>Tools (except edge tools, machine tools, files, and saws)</td>
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</tr>
<tr>
<td>1721</td>
<td>Tractors</td>
<td>1301</td>
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<tr>
<td>1999</td>
<td>Transportation equipment</td>
<td>1404</td>
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<td>1493</td>
<td>Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories</td>
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<tr>
<td>1492</td>
<td>Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging in</td>
<td>221</td>
</tr>
<tr>
<td>1495</td>
<td>Trouser (semidress), wash suits, and washable service apparel</td>
<td>221</td>
</tr>
<tr>
<td>1404</td>
<td>Trouser (semidress), wash suits, and washable service apparel</td>
<td>215</td>
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INDUSTRIES, 1939—ALPHABETICAL LIST—Continued

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<tr>
<th>Industry No.</th>
<th>Industry</th>
<th>Form No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2087</td>
<td>Umbrellas, parasols, and canes.</td>
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<tr>
<td>612</td>
<td>Upholstered household furniture.</td>
<td>309</td>
</tr>
<tr>
<td>629</td>
<td>Vegetable and animal oils, not elsewhere classified.</td>
<td>623</td>
</tr>
<tr>
<td>1772</td>
<td>Vending, amusement, and other coin-operated machines.</td>
<td>1305</td>
</tr>
<tr>
<td>663</td>
<td>Venetian blinds.</td>
<td>314</td>
</tr>
<tr>
<td>196</td>
<td>Vinegar and cider.</td>
<td>105</td>
</tr>
<tr>
<td>1351</td>
<td>Vitreous-china plumbing fixtures.</td>
<td>1004</td>
</tr>
<tr>
<td>1471</td>
<td>Vitreous enameled products, including kitchen, household, and hospital utensils.</td>
<td>1129</td>
</tr>
<tr>
<td>1374</td>
<td>Wallboard and wall plaster (except gypsum), building insulation (except mineral wool), and floor composition.</td>
<td>1029</td>
</tr>
<tr>
<td>793</td>
<td>Wallpaper.</td>
<td>401</td>
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<tr>
<td>1542</td>
<td>Watchcases.</td>
<td>1202</td>
</tr>
<tr>
<td>1563</td>
<td>Whiteware.</td>
<td>1004</td>
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<tr>
<td>661</td>
<td>Window and door screens and weather strip.</td>
<td>315</td>
</tr>
<tr>
<td>662</td>
<td>Window shades.</td>
<td>100</td>
</tr>
<tr>
<td>184</td>
<td>Wines.</td>
<td>184</td>
</tr>
<tr>
<td>1441</td>
<td>Wire drawn from purchased rods.</td>
<td>1126</td>
</tr>
<tr>
<td>1449</td>
<td>Wire work not elsewhere classified.</td>
<td>1126</td>
</tr>
<tr>
<td>1611</td>
<td>Wiring devices and supplies.</td>
<td>1303</td>
</tr>
<tr>
<td>431</td>
<td>Women's and misses' blouses and waists—made in contract factories.</td>
<td>216</td>
</tr>
<tr>
<td>430</td>
<td>Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors.</td>
<td>216</td>
</tr>
<tr>
<td>439</td>
<td>Women's and misses' clothing, not elsewhere classified—made in contract factories.</td>
<td>216</td>
</tr>
<tr>
<td>438</td>
<td>Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors.</td>
<td>216</td>
</tr>
<tr>
<td>433</td>
<td>Women's and misses' dresses (except house dresses)—made in contract factories.</td>
<td>216</td>
</tr>
<tr>
<td>432</td>
<td>Women's and misses' dresses (except house dresses)—made in inside factories or by jobbers engaging contractors.</td>
<td>216</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Industry No.</th>
<th>Industry</th>
<th>Form No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>442</td>
<td>Women's, children's, and infants' underwear and nightwear of cotton and flannel.</td>
<td>216</td>
</tr>
<tr>
<td>441</td>
<td>Women's, children's, and infants' underwear and nightwear of knitted fabrics.</td>
<td>216</td>
</tr>
<tr>
<td>443</td>
<td>Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics.</td>
<td>216</td>
</tr>
<tr>
<td>449</td>
<td>Women's neckwear, scarfs, etc.</td>
<td>905</td>
</tr>
<tr>
<td>1271</td>
<td>Women's pocketbooks, handbags, and purses.</td>
<td>301</td>
</tr>
<tr>
<td>654</td>
<td>Wooden boxes except cigar boxes.</td>
<td>633</td>
</tr>
<tr>
<td>692</td>
<td>Wood hardware.</td>
<td>319</td>
</tr>
<tr>
<td>699</td>
<td>Wood products not elsewhere classified.</td>
<td>329</td>
</tr>
<tr>
<td>1753</td>
<td>woodworking machinery.</td>
<td>1365</td>
</tr>
<tr>
<td>342</td>
<td>Woolen and worsted manufactures—contract factories.</td>
<td>212</td>
</tr>
<tr>
<td>341</td>
<td>Woolen and worsted manufactures—regular factories or jobbers engaging contractors.</td>
<td>212</td>
</tr>
<tr>
<td>2049</td>
<td>Wool pulling.</td>
<td>100</td>
</tr>
<tr>
<td>429</td>
<td>Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel, not elsewhere classified.</td>
<td>215</td>
</tr>
<tr>
<td>480</td>
<td>Work gloves and mittens; cloth, cloth and leather combined.</td>
<td>217</td>
</tr>
<tr>
<td>428</td>
<td>Work shirts.</td>
<td>215</td>
</tr>
<tr>
<td>997</td>
<td>Writing ink.</td>
<td>618</td>
</tr>
<tr>
<td>1493</td>
<td>Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills.</td>
<td>1114</td>
</tr>
<tr>
<td>1632</td>
<td>X-ray and therapeutic apparatus and electronic tubes.</td>
<td>1303</td>
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SPECIAL INQUIRY

<table>
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<tbody>
<tr>
<td>9011</td>
<td>Motion pictures, not including projection in theaters.</td>
<td>1679</td>
</tr>
</tbody>
</table>
## APPENDIX D

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

<table>
<thead>
<tr>
<th>Industry Classifications, 1909</th>
<th>Industry Classifications, 1920</th>
</tr>
</thead>
<tbody>
<tr>
<td>111. Meat packing, wholesale.</td>
<td>135. Canned and preserved foods—Continued</td>
</tr>
<tr>
<td>112. Custom slaughtering, wholesale.</td>
<td>135. Canned and dried fruits and vegetables (including canned soups), establishments primarily engaged in the drying or canning of fruits and vegetables, including the canning of soups other than chicken soup (115).</td>
</tr>
<tr>
<td>113. Sausages, prepared meats, and other meat products—made in meat-packing establishments.</td>
<td>136. Preserves, jams, jellies, and fruit butters, establishments primarily engaged in the manufacture of preserves, jams, jellies, and fruit butters.</td>
</tr>
<tr>
<td>114. Sausage casings—not made in meat-packing establishments.</td>
<td>137. Pickled fruits and vegetables and vegetable sauces and seasonings, establishments primarily engaged in the manufacture of pickled fruits and vegetables, relishes, vegetable sauces, and vegetable seasonings.</td>
</tr>
<tr>
<td>115. Poultry dressing and packing, wholesale.</td>
<td>138. Salads dressings, establishments primarily engaged in the manufacture of mixed dressings.</td>
</tr>
</tbody>
</table>

### GRAIN-MILL PRODUCTS

<table>
<thead>
<tr>
<th>Industry Classifications, 1920</th>
</tr>
</thead>
<tbody>
<tr>
<td>141. Flour and other grain-mill products, establishments primarily engaged in the milling of grains except rice. The child products of these establishments are flour and meal. Such flour and grain mill may produce cracked grains used as cereal or stock food, or blended and prepared flours, principally from products ground in the same establishment.</td>
</tr>
<tr>
<td>142. Prepared feeds (including mineral) for animals and fowls, establishments primarily engaged in the manufacture of prepared feeds for animals and fowls.</td>
</tr>
<tr>
<td>143. Cereal preparations, establishments primarily engaged in the manufacture of cereal preparations, such as cereal-breakfast foods, coffee substitutes, breakfast, prepared and self-sprinkled flours, etc., made wholly or chiefly from grain milled by the establishment.</td>
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</tbody>
</table>

### BAKERY PRODUCTS

<table>
<thead>
<tr>
<th>Industry Classifications, 1920</th>
</tr>
</thead>
<tbody>
<tr>
<td>145. Blended and prepared flour made from purchased flour, establishments primarily engaged in the preparation of prepared (self-rising) or blended flour from purchased flour.</td>
</tr>
<tr>
<td>146. Biscuits, crackers, and pretzels, establishments primarily engaged in the manufacture of biscuits, crackers, machine-made cookies, pretzels, etc., prepared in containers so as to retain their palatability for an indefinite period.</td>
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</table>

### SUGAR

<table>
<thead>
<tr>
<th>Industry Classifications, 1920</th>
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</thead>
<tbody>
<tr>
<td>150. Cane sugar, establishments primarily engaged in the manufacture of raw sugar, sirup, or blended cane sugar from sugar cane. Establishments engaged in the refining of sugar from purchased syrup or raw sugar are classified in Industry 150.</td>
</tr>
<tr>
<td>151. Cane-sugar refining, establishments primarily engaged in the refining of purchased raw cane syrup of sugar.</td>
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</table>
### Industry Group 1.—FOOD AND KINDRED PRODUCTS—Continued

<table>
<thead>
<tr>
<th>Classification, 1939</th>
<th>1939 Industry No.</th>
<th>1939 Form No.</th>
<th>1937 Industry No.</th>
<th>1937 Form No.</th>
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<td><strong>SUGAR—Continued</strong></td>
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<tr>
<td>163 Sugar</td>
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<tr>
<td><strong>CONFECTIONERY AND RELATED PRODUCTS</strong></td>
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<tr>
<td>171 Candy and other confectionery products</td>
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<tr>
<td>172 Chocolate and cocoa products</td>
<td>102</td>
<td>102</td>
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<tr>
<td>173 Chewing gum</td>
<td>112</td>
<td>105</td>
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<tr>
<td><strong>BEVERAGES</strong></td>
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</tr>
<tr>
<td>181 Nonalcoholic beverages</td>
<td>101</td>
<td>101</td>
<td></td>
<td></td>
</tr>
<tr>
<td>182 Malt liquors</td>
<td>124</td>
<td>124</td>
<td></td>
<td></td>
</tr>
<tr>
<td>183 Malt</td>
<td>122</td>
<td>122</td>
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<td></td>
</tr>
<tr>
<td>184 Wines</td>
<td>134</td>
<td>134</td>
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<td></td>
</tr>
<tr>
<td>185 Liquors, distilled</td>
<td>133</td>
<td>133</td>
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<tr>
<td>186 Liquors, rectified or blended</td>
<td>132</td>
<td>132</td>
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</tr>
<tr>
<td><strong>MISCELLANEOUS FOOD PREPARATIONS AND KINDRED PRODUCTS</strong></td>
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</tr>
<tr>
<td>191 Baking powder, yeast, and other leavening compounds</td>
<td>166</td>
<td>166</td>
<td></td>
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</tr>
<tr>
<td>192 Cooking and other edible fats and oils not elsewhere classified</td>
<td>120</td>
<td>120</td>
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<tr>
<td>201 Cereal products</td>
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<tr>
<td>202 Cocoa</td>
<td>124</td>
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<tr>
<td>203 Corn syrup, corn sugar, corn oil, and starch</td>
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</table>

*Part of.*

### Industry Group 2.—TOBACCO MANUFACTURES

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<th>1939 Form No.</th>
<th>1937 Industry No.</th>
<th>1937 Form No.</th>
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<td><strong>INDUSTRY GROUP 2</strong></td>
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<tr>
<td>211 Cigarettes</td>
<td>130</td>
<td>130</td>
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<tr>
<td>212 Cigars</td>
<td>131</td>
<td>131</td>
<td></td>
<td></td>
</tr>
<tr>
<td>213 Tobacco (chewing and smoking) and snuff</td>
<td>132</td>
<td>132</td>
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</table>

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

<table>
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<th>Classification, 1939</th>
<th>1939 Industry No.</th>
<th>1939 Form No.</th>
<th>1937 Industry No.</th>
<th>1937 Form No.</th>
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<tbody>
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<td><strong>INDUSTRY GROUP 3</strong></td>
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<tr>
<td>311 Cotton</td>
<td>133</td>
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<tr>
<td>312 Cotton</td>
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<tr>
<td>314 Cotton</td>
<td>136</td>
<td>136</td>
<td></td>
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</tr>
</tbody>
</table>

The Group as a Whole

This group of industries includes establishments primarily engaged in the manufacture of cigarettes, cigars, smoking and chewing tobacco, and snuff and whiff on the same premises may contain, dry, or raw tobacco. The manufacture of manufactures from tobacco by products is included in the Chemical and Allied Products group. Establishments primarily engaged in manufacturing, or storing tobacco in the United States, or tobacco are not included in the manufacturing industries.

The following definitions are used to classify the industries:

1. Manufacturing tobacco products:
   - Rolling tobacco
   - Wrapping tobacco

2. Manufacturing tobacco products:
   - Alternating tobacco
   - Snuff tobacco

3. Manufacturing cigarettes, cigars, and smoking and chewing tobacco:
   - Tobacco products

4. Manufacturing cigarette papers and similar products:
   - Tobacco products

The classification of tobacco products is included in the Rubber Products group.
### Industry Group 3.—TEXTILE-MILL PRODUCTS AND OTHER FIBER MANUFACTURES—Continued

<table>
<thead>
<tr>
<th>Classification, 1939</th>
<th>1939 Industry No.</th>
<th>1937 Form No.</th>
<th>1939 Industry No.</th>
<th>1937 Form No.</th>
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<tr>
<td><strong>SILK MANUFACTURES</strong></td>
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<tr>
<td>321 Silk broad woven goods—regular factories or Jobbers engaging contractors.</td>
<td>203 1212</td>
<td>203 1212</td>
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<tr>
<td>This industry includes regular factories or Jobbers engaging contractors who produce for sale from their own materials broad over 12 inches in width at least 60% of silk yarns or with the warp predominantly of silk yarn. These fabrics may be woven of finished or unfinished silk yarn.</td>
<td>203 1212</td>
<td>203 1212</td>
<td>203 1212</td>
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</tr>
<tr>
<td>322 Silk broad woven goods—contract factories</td>
<td>203 1212</td>
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</tr>
<tr>
<td>This industry includes establishments primarily engaged in the weaving or finishing of fabrics over 12 inches in width at least 60% of silk yarns or with the warp predominantly of silk yarn. These fabrics may be woven of finished or unfinished silk yarn.</td>
<td>203 1212</td>
<td>203 1212</td>
<td>203 1212</td>
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</tr>
<tr>
<td>323 Silk narrow fabrics</td>
<td>203 1212</td>
<td>203 1212</td>
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</tr>
<tr>
<td>Establishments primarily engaged in the weaving or finishing of fabrics over 2 inches in width at least 60% of silk yarns or with the warp predominantly of silk yarn. These fabrics may be woven of finished or unfinished silk yarn.</td>
<td>203 1212</td>
<td>203 1212</td>
<td>203 1212</td>
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</tr>
<tr>
<td>324 Silk yarn and thread, spun or thrown—regular factories or Jobbers engaging contractors</td>
<td>203 1212</td>
<td>203 1212</td>
<td>203 1212</td>
<td>203 1212</td>
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<tr>
<td>This industry includes regular factories or Jobbers engaging contractors primarily engaged in spinning, twisting, or warping silk yarns for sale as such, or for own use.</td>
<td>203 1212</td>
<td>203 1212</td>
<td>203 1212</td>
<td>203 1212</td>
</tr>
<tr>
<td>325 Silk throwing and spinning—contract factories</td>
<td>203 1212</td>
<td>203 1212</td>
<td>203 1212</td>
<td>203 1212</td>
</tr>
<tr>
<td>Establishments primarily engaged in the throwing, twisting, or warping of silk yarns on a contract basis.</td>
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<td>203 1212</td>
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<tr>
<td><strong>RAYON MANUFACTURES</strong></td>
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<tr>
<td>331 Rayon broad woven goods—regular factories or Jobbers engaging contractors</td>
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</tr>
<tr>
<td>This industry includes regular factories or Jobbers engaging contractors who produce for sale from their own materials broad over 12 inches in width at least 60% of rayon yarns or with the warp predominantly of rayon yarn. These fabrics may be woven of finished or unfinished rayon yarn.</td>
<td>203 1212</td>
<td>203 1212</td>
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</tr>
<tr>
<td>332 Rayon broad woven goods—contract factories</td>
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</tr>
<tr>
<td>This industry includes establishments primarily engaged in the weaving or finishing of fabrics over 12 inches in width at least 60% of rayon yarns or with the warp predominantly of rayon yarn. These fabrics may be woven of finished or unfinished rayon yarn.</td>
<td>203 1212</td>
<td>203 1212</td>
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</tr>
<tr>
<td>333 Rayon narrow fabrics</td>
<td>203 1212</td>
<td>203 1212</td>
<td>203 1212</td>
<td>203 1212</td>
</tr>
<tr>
<td>Establishments primarily engaged in the weaving or finishing of fabrics over 2 inches in width at least 60% of rayon yarns or with the warp predominantly of rayon yarn. These fabrics may be woven of finished or unfinished rayon yarn.</td>
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<td>203 1212</td>
<td>203 1212</td>
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</tr>
<tr>
<td>334 Rayon yarn and thread, spun or thrown—regular factories or Jobbers engaging contractors</td>
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<td>203 1212</td>
<td>203 1212</td>
<td>203 1212</td>
</tr>
<tr>
<td>This industry includes regular factories or Jobbers engaging contractors primarily engaged in spinning, twisting, or warping rayon yarns for sale as such, or for own use.</td>
<td>203 1212</td>
<td>203 1212</td>
<td>203 1212</td>
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</tr>
<tr>
<td>335 Rayon throwing and spinning—contract factories</td>
<td>203 1212</td>
<td>203 1212</td>
<td>203 1212</td>
<td>203 1212</td>
</tr>
<tr>
<td>Establishments primarily engaged in the throwing, twisting, or warping of rayon yarns on a contract basis.</td>
<td>203 1212</td>
<td>203 1212</td>
<td>203 1212</td>
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<tr>
<td><strong>WOOLEN AND WORSTED MANUFACTURES</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>341 Woolen and worsted manufacturers—regular factories or Jobbers engaging contractors</td>
<td>212 1212</td>
<td>212 1212</td>
<td>212 1212</td>
<td>212 1212</td>
</tr>
<tr>
<td>Regular factories or Jobbers engaging contractors who are primarily engaged in spinning or carding wool, wool top on worsted combs from wool, rayon, or other fiber or wool, warping, twisting, winding, or throwing yarns spun on woolen or worsted systems of spinning (other than carpet or rug yarns) on a contract basis. Also establishments engaged in weaving fabrics and related products owned by others, other than carpets or rugs, chiefly or partly from yarns spun on the woolen or worsted systems or from horserad or other hairs.</td>
<td>212 1212</td>
<td>212 1212</td>
<td>212 1212</td>
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<tr>
<td>342 Woolen and worsted manufacturers—contract factories</td>
<td>212 1212</td>
<td>212 1212</td>
<td>212 1212</td>
<td>212 1212</td>
</tr>
<tr>
<td>This industry includes contract factories primarily engaged in spinning or carding wool, wool top on worsted combs, from wool, rayon, or other fiber or wool, warping, twisting, winding, or throwing yarns spun on woolen or worsted systems or spun on yarns spun on the woolen or worsted systems or from horserad or other hairs.</td>
<td>212 1212</td>
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Appendix D

Industry Group 5.—Textile-Mill Products and Other Fiber Manufactures—Continued

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<td>341</td>
<td>Hats except cloth and millinery</td>
<td>300 *2001</td>
<td>411</td>
<td>Men’s and boys’ suits, coats, and overcoats (except work clothing)—made in contract factories</td>
<td>215 *2015</td>
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<tr>
<td>342</td>
<td>Hats and hats, fur-felt</td>
<td>200 903</td>
<td>412</td>
<td>Men’s and boys’ suits, coats, and overcoats (except work clothing)—made in contract factories</td>
<td>215 *2032</td>
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<tr>
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<td>Hats, straw</td>
<td>200 903</td>
<td>413</td>
<td>Men’s and boys’ suits, except (work suits)</td>
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<tr>
<td>344</td>
<td>Hatters’ for</td>
<td>200 903</td>
<td>414</td>
<td>Men’s and boys’ suits, (except work shirts), collars, and nightwear—in contract factories</td>
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<tr>
<td>345</td>
<td>Finishing of men’s and boys’ hats and fur-felt</td>
<td>200 903</td>
<td>421</td>
<td>Trousers (excluding), wash suits, and washable service apparel</td>
<td>215 2106</td>
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<tr>
<td>346</td>
<td>Miscellaneous textile goods</td>
<td>200 903</td>
<td>422</td>
<td>Work clothing (except work suits), skirts and gowns, and other men’s and boys’ apparel</td>
<td>215 2133</td>
</tr>
<tr>
<td>347</td>
<td>Lace goods</td>
<td>200 903</td>
<td>423</td>
<td>Work clothing (except work suits), shirts and gowns</td>
<td>215 2134</td>
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<tr>
<td>348</td>
<td>Batting, padding, and webbing</td>
<td>200 903</td>
<td>424</td>
<td>Men’s and boys’ underwear</td>
<td>215 2235</td>
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<tr>
<td>349</td>
<td>Processed waste and recovered wool fibers—regular wools</td>
<td>200 903</td>
<td>425</td>
<td>Men’s and boys’ underwear</td>
<td>215 2241</td>
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<tr>
<td>350</td>
<td>Processed waste and recovered wool fibers—contract</td>
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<tr>
<td>351</td>
<td>Artificial leather and eel leather</td>
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<tr>
<td>352</td>
<td>Linen goods</td>
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<td></td>
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<tr>
<td>353</td>
<td>Jute goods (except felt)</td>
<td>200 903</td>
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<td>354</td>
<td>Corrugated and twine</td>
<td>200 903</td>
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*Part of.

Industry Group 4.—Apparel and Other Finished Products Made from Fabrics and Similar Materials

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<tbody>
<tr>
<td>411</td>
<td>Men’s and boys’ suits, coats, and overcoats (except work clothing)—made in contract factories</td>
<td>215 *2015</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>412</td>
<td>Men’s and boys’ suits, coats, and overcoats (except work clothing)—made in contract factories</td>
<td>215 *2032</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>413</td>
<td>Men’s and boys’ suits, except (work suits)</td>
<td>215 2132</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>414</td>
<td>Men’s and boys’ suits, (except work shirts), collars, and nightwear—in contract factories</td>
<td>215 2242</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>421</td>
<td>Trousers (excluding), wash suits, and washable service apparel</td>
<td>215 2106</td>
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<td></td>
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</tr>
<tr>
<td>422</td>
<td>Work clothing (except work suits), skirts and gowns, and other men’s and boys’ apparel</td>
<td>215 2133</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>423</td>
<td>Work clothing (except work suits), shirts and gowns</td>
<td>215 2134</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>424</td>
<td>Men’s and boys’ underwear</td>
<td>215 2235</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>425</td>
<td>Men’s and boys’ underwear</td>
<td>215 2241</td>
<td></td>
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</tbody>
</table>

The Group as a Whole

The cutting up industries or myrtle trades produce clothing and other household articles from purchased woven or knitted fabrics. All types of textiles are utilized, as well as leather, rubber, fur, and other materials. Custom tailors and dressmakers engaged in cutting and sewing on a factory basis, are excluded from the scope of these industries. A substantial number of establishments in these industries work on a contract basis from materials owned by others. The manufacturer or jobber owns the raw materials, assigns the piece goods to a contract factory for fabrication, and sells the finished products.

Men’s and Boys’ Tailored Clothing

411 Men’s and boys’ suits, coats, and overcoats (except work clothing)—made in contract factories

412 Men’s and boys’ suits, coats, and overcoats (except work clothing)—made in contract factories

Men’s and Boys’ Furnishings, Sport and Work Garments

413 Men’s and boys’ shirts (except work shirts), collars, and nightwear—made in contract factories

Men’s and Boys’ Underwear

414 Men’s and boys’ suits, (except work shirts), collars, and nightwear—in contract factories

421 Trousers (excluding), wash suits, and washable service apparel

422 Work clothing (except work suits), skirts and gowns, and other men’s and boys’ apparel

423 Work clothing (except work suits), shirts and gowns

424 Men’s and boys’ underwear

This industry includes makers of men’s, women’s, and boys’ underwear, made from purchased woven or knitted fabrics or made from materials owned by others. Establishments manufacturing men’s, women’s, and boys’ underwear, made from purchased woven or knitted fabrics, are included in Industries 481 and 492.
<table>
<thead>
<tr>
<th>Industry Group 4.—APPEARAL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS—Continued</th>
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<tbody>
<tr>
<td>---</td>
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<tr>
<td><strong>MEN'S AND BOYS' NECKWEAR</strong></td>
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<td><strong>MEN'S AND BOYS' NECKWEAR—Continued</strong></td>
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<tr>
<td><strong>MEN'S AND BOYS' HATS AND CAPS AND HAT AND CAP MATERIALS</strong></td>
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<td><strong>HAT AND CAP MATERIALS: TRIMMINGS, ETC.</strong></td>
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<td><strong>WOMEN'S AND MISSES' OUTER CLOTHING</strong></td>
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<td><strong>WOMEN'S AND MISSES' OUTER CLOTHING—Continued</strong></td>
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<td><strong>WOMEN'S AND MISSES' OUTER CLOTHING—Continued</strong></td>
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<td><strong>WOMEN'S AND MISSES' OUTER CLOTHING—Continued</strong></td>
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<td><strong>CHILDREN'S AND INFANTS' OUTERWEAR—Continued</strong></td>
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<td><strong>FUR GOODS</strong></td>
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<td><strong>MISCELLANEOUS APPAREL</strong></td>
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APPENDIX E

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

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<td>MISCELLANEOUS APPAREL—Continued</td>
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</tr>
<tr>
<td></td>
<td>Work gloves and mittens; cloth, cloth and leather combined</td>
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<tr>
<td></td>
<td>Establishments primarily engaged in the manufacture of work gloves and mittens made of cloth or of cloth and leather combined. Establishments making gloves are included in Industry 337, producing strictly leather gloves in Industry 1209, and producing rubber gloves in Industry 1399.</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>461</td>
<td>Dresses and semidressy gloves and mittens; cloth, cloth and leather combined</td>
<td></td>
<td>217</td>
<td>2171</td>
<td>2171</td>
<td>217</td>
</tr>
<tr>
<td></td>
<td>Establishments primarily engaged in the manufacture of dresses and semidressy gloves and mittens made of cloth or of cloth and leather combined. Establishments making gloves are included in Industry 337, producing strictly leather gloves in Industry 1209, and producing rubber gloves in Industry 1399.</td>
<td></td>
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<tr>
<td>462</td>
<td>Handkerchiefs—made in lisle factories or by jobbers engaging contractors</td>
<td></td>
<td>217</td>
<td>2172</td>
<td>2172</td>
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<tr>
<td></td>
<td>Establishments primarily engaged in the manufacture of men's, women's, and children's bath robes, lounging garments, and dressing gowns.</td>
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<td>463</td>
<td>Handkerchiefs—made in contract factories</td>
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<td>2172</td>
<td>2172</td>
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<td></td>
<td>Establishments primarily engaged in the manufacture of men's, women's, and children's bath robes, lounging garments, and dressing gowns.</td>
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<tr>
<td>464</td>
<td>Suspender-garters, and other goods made from purchased elastic material</td>
<td></td>
<td>217</td>
<td>2171</td>
<td>2171</td>
<td>217</td>
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<tr>
<td></td>
<td>Establishments primarily engaged in the manufacture of suspenders, garters, belts, bandeaux, and other elastic products made from purchased elastic fabric. Establishments producing garters and elastic girdles are included in Industry 445.</td>
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<tr>
<td>465</td>
<td>Robes, lounging garments, and dressing gowns; burlap and other waterproof garments (except oilcloth)</td>
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<td>215</td>
<td>2143</td>
<td>2143</td>
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</tr>
<tr>
<td></td>
<td>Establishments primarily engaged in the manufacture of men's, women's, and children's bath robes, lounging garments, and dressing gowns.</td>
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<tr>
<td>466</td>
<td>Raincoats and other waterproof garments (except oilcloth)</td>
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<td>215</td>
<td>2143</td>
<td>2143</td>
<td>215</td>
</tr>
<tr>
<td></td>
<td>Establishments primarily engaged in the manufacture of raincoats and other waterproof garments, except oilcloth. Garments (Industry 459), if not included in the classification of Raincoats and other waterproof garments (except oilcloth), are included in Industry 1195.</td>
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<tr>
<td>467</td>
<td>Clothing, leather and sheep-lined; oilcloth; and other leather and leather goods; and leather and vegetable materials; and other leather and leather goods</td>
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<td>215</td>
<td>2134</td>
<td>2134</td>
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<td></td>
<td>Establishments primarily engaged in the manufacture of leather garments and sheep-lined garments for work and apparel, except gloves and mittens (Industry 1260).</td>
<td></td>
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<tr>
<td></td>
<td>EMBROIDERIES AND TRIMMINGS</td>
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<tr>
<td>488</td>
<td>Embroiderers; Schiff-machine products; other than Schiff-machine products; other than Schiff-machine products</td>
<td></td>
<td>221</td>
<td>2211</td>
<td>2211</td>
<td>221</td>
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<tr>
<td></td>
<td>This industry includes regular factories or jobbers engaging contractors who produce for sale their own machines, Schiff-machine embroidery for apparel and householding sewing.</td>
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<td>490</td>
<td>Embroiderers, other than Schiff-machine products; regular factories or jobbers engaging contractors</td>
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<td>221</td>
<td>2211</td>
<td>2211</td>
<td>221</td>
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<tr>
<td></td>
<td>Establishments primarily engaged in the manufacture of embroidery on a contract basis from materials owned by others of home and hand embroidery, and all other embroidery except those made on the machines.</td>
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<td>491</td>
<td>Embroiderers, other than Schiff-machine products; contract factories</td>
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<td>2211</td>
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<tr>
<td></td>
<td>Establishments primarily engaged in the manufacture of all other embroidery on a contract basis from materials owned by others of home and hand embroidery, and all other embroidery except those made on the machines.</td>
<td></td>
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<tr>
<td>493</td>
<td>Trimmings (not made in textile mills), stamped art goods, and art needlework—made in regular factories or by jobbers engaging contractors</td>
<td></td>
<td>221</td>
<td>2213</td>
<td>2213</td>
<td>221</td>
</tr>
<tr>
<td></td>
<td>This classification includes plushing, felting, and dressing from own materials.</td>
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<tr>
<td>494</td>
<td>Trimmings (not made in textile mills), stamped art goods, and art needlework—contract factories</td>
<td></td>
<td>221</td>
<td>2213</td>
<td>2213</td>
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</tr>
<tr>
<td></td>
<td>This classification includes plushing, felting, and dressing from own materials.</td>
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<tr>
<td></td>
<td>MISCELLANEOUS FABRICATED TEXTILE PRODUCTS</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>464</td>
<td>Curtains, draperies, and bedspreads—made in regular factories or by jobbers engaging contractors</td>
<td></td>
<td>218</td>
<td>2181</td>
<td>2181</td>
<td>218</td>
</tr>
<tr>
<td></td>
<td>Establishments primarily engaged in the manufacture of curtains, draperies, and bedspreads. Goods of this type fabricated in dyeing and finishing plants are not included.</td>
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</table>

Industry Group 5.—LUMBER AND TIMBER BASIC PRODUCTS

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<tr>
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<tbody>
<tr>
<td>465</td>
<td>MISCELLANEOUS FABRICATED TEXTILE PRODUCTS—Continued</td>
<td></td>
<td>218</td>
<td>2181</td>
<td>2181</td>
<td>218</td>
</tr>
<tr>
<td></td>
<td>Curtains, draperies, and bedspreads—contract factories</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td>Establishments primarily engaged in the manufacture of draperies from materials owned by others of curtains, draperies, and bedspreads. Goods of this type fabricated in drying and finishing plants are not included.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>466</td>
<td>Housefurnishings (except curtains, draperies, and bedspreads)</td>
<td></td>
<td>218</td>
<td>2182</td>
<td>2182</td>
<td>218</td>
</tr>
<tr>
<td></td>
<td>Establishments primarily engaged in the manufacture of household furnishings such as sheets, blankets, napkins, table cloths, comforters, pillows, rugs and runners, slip covers, laundry bags, etc. Products of this kind, secured by registering and finishing establishments are not included in this classification. Curtains, draperies, and bedspreads are included in Industries 484 and 485.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>467</td>
<td>Textile bags—not made in textile mills</td>
<td></td>
<td>218</td>
<td>2183</td>
<td>2183</td>
<td>218</td>
</tr>
<tr>
<td></td>
<td>Establishments primarily engaged in the manufacture of cotton, linen, and other bags from purchased textiles. Laundry bags are included Industry 489.</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>468</td>
<td>Canvas products (except bags)</td>
<td></td>
<td>218</td>
<td>2183</td>
<td>2183</td>
<td>218</td>
</tr>
<tr>
<td></td>
<td>Establishments primarily engaged in the manufacture of awnings, tents, sails, canvas covers, tarpsullins, and canopies.</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>469</td>
<td>Miscellaneous fabricated textile products not elsewhere classified</td>
<td></td>
<td>218</td>
<td>2183</td>
<td>2183</td>
<td>218</td>
</tr>
</tbody>
</table>

The Group as a Whole

This group includes establishments primarily engaged in the basic lumber industries. These establishments include logging camps and with logging camps and with milling mills operations. Sawmills and Special-Product Mills

811 Logcings camps and logging contractors (not operating sawmills) | 311 | 311 |
| Establishments primarily engaged in the logging of logs, bolts, and rough timber products such as bawn crossties, poles, posts, log, mine timbers, wheel and handderricks, and cumber stock whether cut for own account or on a contract basis. | 311 | 311 |

Sawmills and Special-Product Mills

520 Sawmills, veneer mills, and cooperage stock mills, including those combined with logging camps and with milling mills | 311 | 311 |
| Establishments primarily engaged in producing rough lumber, shingles, bolt, sawn crossties, veneer, and cooperage stock. Sawmills which further manufacture lumber into house, commercial, and ship's stock are classified in this industry. Mills producing veneer and cooperage stock for sale or further manufacture in the same plant are classified according to the finished product. | 311 | 311 |

Planing and Plywood Mills

521 Planing mills not operated in connection with sawmills | 314 | 314 |
| Establishments primarily engaged in the manufacturing of dressed lumber, shaft, doors, window sash, and frames, interior woodwork, moldings, etc. Planing mills combined with sawmills are included in Industry 520. | 314 | 314 |

Plywood Mills

522 Plywood mills | 313 | 313 |
| Establishments primarily engaged in the manufacturing of plywood from veneer which is either purchased or produced in own plant. | 313 | 313 |
### Industry Group 6.—FURNITURE AND FINISHED LUMBER PRODUCTS

<table>
<thead>
<tr>
<th>Classification, 1909</th>
<th>1909 Form No.</th>
<th>1907 Industry No.</th>
<th>1909 Form No.</th>
<th>1907 Industry No.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HOUSEHOLD FURNITURE</strong></td>
<td>611</td>
<td>Maintenance and bookkeeping...</td>
<td>612</td>
<td>Upholstered household furniture...</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Establishments primarily engaged in the manufacture of upholstered furniture, regardless of whether frames are made of wood, metal, or wood.</td>
<td></td>
<td>Establishments primarily engaged in the manufacture of upholstered household furniture, regardless of whether frames are made of wood, metal, or wood.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Establishments primarily engaged in the manufacture of upholstered household furniture, regardless of whether frames are made of wood, metal, or wood.</td>
<td></td>
<td>Establishments primarily engaged in the manufacture of upholstered household furniture, regardless of whether frames are made of wood, metal, or wood.</td>
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</tr>
<tr>
<td><strong>FOUR CELEBRITIES</strong></td>
<td>619</td>
<td>Household furniture except upholstered...</td>
<td>620</td>
<td>Office furniture...</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Establishments primarily engaged in the manufacture of household furniture made of wood, metal, or wood.</td>
<td></td>
<td>Establishments primarily engaged in the manufacture of office furniture, regardless of materials used.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Establishments primarily engaged in the manufacture of household furniture made of wood, metal, or wood.</td>
<td></td>
<td>Establishments primarily engaged in the manufacture of office furniture, regardless of materials used.</td>
</tr>
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<td></td>
<td></td>
<td>Establishments primarily engaged in the manufacture of office furniture, regardless of materials used.</td>
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<td>Establishments primarily engaged in the manufacture of office furniture, regardless of materials used.</td>
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</tr>
<tr>
<td><strong>PARTITIONS</strong></td>
<td>641</td>
<td>Partitions, shelving, cabinet work, and office and store fixtures...</td>
<td>642</td>
<td>Laboratory, hospital, and other professional furniture...</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Establishments primarily engaged in the manufacture of partitions, shelving, cabinet work, and office and store fixtures.</td>
<td></td>
<td>Establishments primarily engaged in the manufacture of partitions, shelving, cabinet work, and office and store fixtures.</td>
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<td></td>
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</tr>
<tr>
<td><strong>WOODEN CONTAINERS</strong></td>
<td>651</td>
<td>Baskets for fruits and vegetables...</td>
<td>652</td>
<td>Rattan and willowware...</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Establishments primarily engaged in the manufacture of baskets for fruits and vegetables.</td>
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<td>Establishments primarily engaged in the manufacture of baskets for fruits and vegetables.</td>
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<td>Establishments primarily engaged in the manufacture of baskets for fruits and vegetables.</td>
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<tr>
<td><strong>WOODEN CONTAINERS—Continued</strong></td>
<td>653</td>
<td>Wooden boxes except cigar boxes...</td>
<td>654</td>
<td>Cooperage...</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Establishments primarily engaged in the manufacture of wooden boxes except cigar boxes.</td>
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<td>Establishments primarily engaged in the manufacture of wooden boxes except cigar boxes.</td>
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<td></td>
<td>Establishments primarily engaged in the manufacture of wooden boxes except cigar boxes.</td>
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<tr>
<td><strong>WINDOWS AND DEORE SCREENS, SHADES, AND VENETIAN BLINDS</strong></td>
<td>661</td>
<td>Window and door screens and weather strip...</td>
<td>662</td>
<td>Window shades...</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Establishments primarily engaged in the manufacture of window and door screens and weather strip.</td>
<td></td>
<td>Establishments primarily engaged in the manufacture of window and door screens and weather strip.</td>
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<tr>
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<td></td>
<td>Establishments primarily engaged in the manufacture of window and door screens and weather strip.</td>
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<td>Establishments primarily engaged in the manufacture of window and door screens and weather strip.</td>
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<td>Establishments primarily engaged in the manufacture of window and door screens and weather strip.</td>
</tr>
</tbody>
</table>

**FOUR CELEBRITIES**

<table>
<thead>
<tr>
<th>Classification, 1909</th>
<th>1909 Form No.</th>
<th>1907 Industry No.</th>
<th>1909 Form No.</th>
<th>1907 Industry No.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MORTICIAN'S GOODS</strong></td>
<td>671</td>
<td>Caskets, coffins, burial cases, and other mortician's goods...</td>
<td>672</td>
<td>Cork products...</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Establishments primarily engaged in the manufacture of mortician's goods.</td>
<td></td>
<td>Establishments primarily engaged in the manufacture of mortician's goods.</td>
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<td>Establishments primarily engaged in the manufacture of mortician's goods.</td>
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</tr>
<tr>
<td><strong>MISCELLANEOUS WOOD PRODUCTS</strong></td>
<td>681</td>
<td>Excelsior...</td>
<td>682</td>
<td>Lead and related products...</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Establishments primarily engaged in the manufacture of excelsior.</td>
<td></td>
<td>Establishments primarily engaged in the manufacture of lead and related products.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Establishments primarily engaged in the manufacture of excelsior.</td>
<td></td>
<td>Establishments primarily engaged in the manufacture of lead and related products.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Establishments primarily engaged in the manufacture of excelsior.</td>
<td></td>
<td>Establishments primarily engaged in the manufacture of lead and related products.</td>
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<th>1907 Industry No.</th>
<th>1909 Form No.</th>
<th>1907 Industry No.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>WOOD PRODUCTS not elsewhere classified...</strong></td>
<td>691</td>
<td>Wood products not elsewhere classified...</td>
<td>692</td>
<td>Metal products not elsewhere classified...</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Establishments primarily engaged in the manufacture of wood products not elsewhere classified.</td>
<td></td>
<td>Establishments primarily engaged in the manufacture of metal products not elsewhere classified.</td>
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<tr>
<td></td>
<td></td>
<td>Establishments primarily engaged in the manufacture of wood products not elsewhere classified.</td>
<td></td>
<td>Establishments primarily engaged in the manufacture of metal products not elsewhere classified.</td>
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<td></td>
<td>Establishments primarily engaged in the manufacture of wood products not elsewhere classified.</td>
<td></td>
<td>Establishments primarily engaged in the manufacture of metal products not elsewhere classified.</td>
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**FOUR CELEBRITIES**
## APPENDIX D

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

|------------------|----------------------------|-------------------|----------------------------|-------------------|

**PULP MILLS**

711 Pulp
- Establishments primarily engaged in the making of pulp from wood and from other fibers, such as rags, cotton linters, straw, etc.

**PAPER AND PAPERBOARD MILLS**

720 Paper and paperboard mills
- Establishments primarily engaged in the manufacture of all kinds of paper such as newspaper, book, cover, writing, wrapping, tissue, absorbent, building, and miscellaneous paper. All kinds of paperboards including wellboard and insulating board made strictly on paper machines. Converged paper products made in paper mills are classified in this industry. Establishments manufacturing wood and insulating board not made on paper machines are classified in Industry 194. An independent history making converted paper products is given in its specific industry classification.

**CONVERTED PAPER PRODUCTS**

740 Coated and glazed paper
- Establishments primarily engaged in the manufacture of coated-book, waxed, and gummed paper (including gummed and bleached paper and cloth cases, and other coated and glazed paper made from purchased stock. Waterproof wrapping paper, fly paper, and cloth-faced paper are also classified in this industry. Cardboard paper is included in Industry 192, and photographic and blueprint paper in Industry 2012.

751 Envelopes
- Establishments primarily engaged in the manufacture of paper envelopes of any description, including those made for filing, wrapping, etc.

760 Paper bags, except those made in paper mills
- Establishments primarily engaged in the manufacture of paper bags of any description. Cellophane bags are included in this industry.

774 Fiber cases, tubes, and similar products
- Establishments primarily engaged in the manufacture of fiber cases, tubes, and similar products with or without metal cores.

779 Paperboard containers and boxes not elsewhere classified
- Establishments primarily engaged in the manufacture of folding and set-up boxes, corrugated and solid fiber shipping containers, dunnage, lithographed, lacquered, and fancy-covered paper boxes, and other paper and paperboard boxes and containers.

791 Die-cut paper and paperboard, and converted cardboard
- Establishments primarily engaged in the manufacture of bottle caps, converted cardboard, photograph mats, folders, etc., and index,questraining, library, and other cut cards.

783 Wallpaper
- Establishments primarily engaged in the manufacturing of patterns and printing paper for interior walls and ceilings. (The paper, also designated as "hanging paper," is made in paper mills.)

799 Converted paper products not elsewhere classified
- Establishments primarily engaged in the manufacture of all kinds of pressed and molded pulp products, such as pulp plates and utensils, and paper molded articles, except stationary. Stationery is classified in Industry 198.

**PULP GOODS**

794 Pulp goods (pressed, molded)
- Establishments primarily engaged in the manufacture of all kinds of pressed and molded pulp goods, such as pulp plates and utensils, and paper molded articles, except stationary. Stationery is classified in Industry 198.

---

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

|------------------|----------------------------|-------------------|----------------------------|-------------------|

**NEWSPAPERS**

813 Newspapers: publishing without printing
- Establishments primarily engaged in preparing and publishing, but not printing, newspapers. Establishments specializing in printing newspapers for publishers are included in Industry 811, General commercial (job) printing.

814 Newspapers: publishing and printing
- Establishments primarily engaged in preparing, publishing, and printing newspapers. These establishments carry on the various operations necessary to issue newspapers, including editorial and mechanical departments. Establishments specializing in printing newspapers for publishers are included in Industry 811, General commercial (job) printing.

**PERIODICALS**

821 Periodicals: publishing without printing
- Establishments primarily engaged in preparing and publishing, but not printing, periodicals. Establishments specializing in printing periodicals for publishers are included in Industry 811, General commercial (job) printing.

822 Periodicals: publishing and printing
- Establishments primarily engaged in preparing, publishing, and printing periodicals. These establishments carry on the various operations necessary to issue periodicals, including editorial and mechanical departments. Establishments specializing in printing periodicals for publishers are included in Industry 811, General commercial (job) printing.

**BOOKS**

831 Books: publishing without printing
- Establishments primarily engaged in publishing, but not manufacturing, books and pamphlets. The publishing and manufacturing of books and pamphlets, or the manufacturing of books and pamphlets, are included in Industry 814.

832 Books: publishing and printing
- Establishments primarily engaged in publishing and manufacturing books and pamphlets. These establishments carry on the various operations necessary to issue books and pamphlets, including editorial and mechanical departments. Establishments specializing in printing books and pamphlets for publishers are included in Industry 811, General commercial (job) printing.

833 Books: printing without publishing
- Establishments primarily engaged in printing of books and pamphlets for publishers by letterpress, lithograph, or other processes.

**GENERAL COMMERCIAL (JOB) PRINTING**

851 General commercial (job) printing
- Establishments primarily engaged in commercial (job) printing. This industry includes general printing shops and also shops specializing in printing newspapers and periodicals for others. Job printing by the lithographic process is included in Industry 811. Establishments specializing in printing books and pamphlets for publishers are included in Industry 811.

**LITHOGRAPHING**

861 Lithography and photo-lithography (Including preparation of plates or plates and dry transfers)
- Establishments primarily engaged in the preparation of lithographic plates of stones or of metal, and printing from such plates. The greatest part of the work done in the industry is lithography done on one or two colors to individual order, but in some cases lithographed calendars, commercial forms, maps, illustrated cards, posters, etc., are made for sale. This branch of lithography is not included in this classification. Lithographic books and pamphlets for publishers are classified in Industry 811.
### Industry Group 8.—PRINTING, PUBLISHING, AND ALLIED INDUSTRIES—Continued

|--------------|---------------------------|---------------|-------------------|---------------------------|---------------|--------------|
| 872          | Greeting cards (except hand-painted) | 506 | *505 | 504 | GREETING CARDS
| 873          | Greeting, rotogravure, and rotary photogravure (including preparation of plates) | 505 | *507 |
| 874          | Bookbinding and related industries | 503 | 501 |
| 875          | Machine and hand typesetting (including advertisement typesetting) | 505 | *508 |
| 876          | Engraving (steel, copperplate, and wood) and plate printing | 505 | *504 |
| 877          | Photogravure, not done in printing establishments (including preparation of plates) | 505 | *507 |
| 878          | Electrotyping and stereotyping, not done in printing establishments | 505 | 532 |

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

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<tbody>
<tr>
<td>912</td>
<td>Paints, varnishes, and colors—Continued</td>
<td>520</td>
<td>*425</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>913</td>
<td>Explosives</td>
<td>520</td>
<td>*425</td>
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<tr>
<td>914</td>
<td>Explosives</td>
<td>520</td>
<td>*425</td>
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<tr>
<td>915</td>
<td>Explosives</td>
<td>520</td>
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<tr>
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<td>Explosives</td>
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<td>Explosives</td>
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<td>Explosives</td>
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### Industry Group 9—CHEMICALS AND ALLIED PRODUCTS

#### The Group as a Whole

This group of industries includes establishments producing basic chemicals and establishments manufacturing products by predominantly chemical operations. Establishments in the group manufacture, in general, three classes of products: (1) basic chemicals, such as acids, alcohols, aldehydes, amine, ammonia, amines, and esters; (2) finished chemical products to be used for ultimate consumption, such as drugs, cosmetics, and tobacco products; and (3) plastic materials, including chemical products, such as rubber and synthetic resins. The manufacture of some chemicals is assigned to major groups other than this group, for example, (1)柏因 powders and other insecticides, used in food manufacturing, are included in Group 12; (2) explosives, together with other nitroglycerin goods, in Group 9; (3) cottonseed oil, together with other articles, in Group 39. Some of the major articles, such as lead, silver, and copper, are not manufactured in the group, but are used in the manufacture of other products. The group includes establishments engaged in the manufacture of coal tar products, and the names of these products, such as coal tar, are used to designate the group as a whole.
APPENDIX D

Industry Group 9.—CHEMICALS AND ALLIED PRODUCTS—Continued

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<th>1937 Industry No.</th>
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<tr>
<td>Establishments primarily engaged in the manufacture of natural dyestuffs, including extracts from wood, bark, and other vegetable materials and mercurials, inorganic salts, and similar products. The manufacture of these products from coal-tar is included in Industry 999.</td>
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<tr>
<td>Coal-tar products, crude and intermediate. Establishments primarily engaged in the manufacture of coal-tar products, crude and intermediate.</td>
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<td>Plastic materials. Establishments primarily engaged in the manufacture of plastic materials and synthetic resins such as cellulose nitrate, cellulose acetate, and similar products. The manufacture of rayon and allied products is included in Industry 999.</td>
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<td>Explosives. Establishments primarily engaged in the manufacture of explosives, such as nitroglycerin, dynamite, blasting and smokeless powder, gunpowder, gunpowder, etc.</td>
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<td>Salt. Establishments primarily engaged in the manufacture of commercial salt from rock salt or from natural or artificial brine. The mining of rock salt is not included in the manufacturing industries.</td>
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<td>Concentrated and Liquefied gases—made not in petroleum refineries or in natural-gasoline plants. Establishments primarily engaged in the manufacture of gases for sale in compressed, liquid, and solid form, such as acetylene, chlorine, hydrogen, nitrogen, oxygen, carbon dioxide, etc. The production of gases in compressed or liquefied form as by-products of petroleum refineries is included in Industry 911; the production of natural gas is not included in the manufacturing industries.</td>
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<td>Bone black, carbon black, and lampblack.</td>
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<td>Chemicals not elsewhere classified. Establishments primarily engaged in the manufacture of synthetic, organic and inorganic chemicals. Includes limited coal-tar products, industrial chemicals by electrochemical and electrolytic processes such as carbolic, sodium and magnesium metals, copper, silver, and other metals and chemicals of all kinds by other processes not elsewhere classified. Products of copper, silver, tin, and aluminum are included in Industry Group 9 and artificial graptolite and carbon tetrachloride in Group 9B.</td>
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<td><strong>MISCELLANEOUS CHEMICAL PRODUCTS</strong></td>
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<td>Printing ink. Establishments primarily engaged in the manufacture of printing inks of various colors, gold and bronze inks, and lithographic inks.</td>
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<td>Ammunition. Establishments primarily engaged in the manufacture of ammunition for small arms. The manufacture of blasting and detonating caps and mix is included in Industry 865.</td>
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<td>Cleaning and polishing preparations, blackings, and dressings. Establishments primarily engaged in the manufacture of cleaning, washing powders, and washing compounds, containing soap, dry cleaning preparations, metal, coal, carbon, and other polishing, paint, and varnish removers, blackings, waxes, stains, and dressings for leather and other materials; stove polish; burnishing inks, and related products.</td>
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<td>Glue and gelatin. Establishments primarily engaged in the manufacture of glue and edible gelatin from animal and vegetable materials. The manufacture of animal glue is included in Industry 921.</td>
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<td>Grease and tallow (except lubricating greases). Establishments primarily engaged in the rendering of grease and tallow from animal and vegetable materials. The manufacture of lubricating greases is included in Industries 923 and 921.</td>
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<td>Lubricating oils and greases—made not in petroleum refineries. Establishments primarily engaged in the compounding of lubricating oils and greases from purchased organic and inorganic fats and bases. Lubricating greases made in petroleum refineries are included in Industry 921.</td>
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<td>Fireworks. Establishments primarily engaged in the manufacture of fireworks of all kinds, flares, and railroad torpedoes and fuses. The manufacture of safety and detonating fuses is included in Industry 865.</td>
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Industry Group 11.—RUBBER PRODUCTS

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The Group as a Whole

This group of industries includes establishments manufacturing rubber products of all kinds, such as tires, rubber footwear, mechanical rubber goods, and rubber supplies. This group also includes establishments specializing in reclaiming waste, bleaching, or retreading rubber tires. The manufacture of elastic webbing is included in the section for fabric and burlap, and the manufacture of rubberized fabrics is included in industry 1111.

TIRES AND INNER TUBES

1111 Tires and inner tubes

Establishments primarily engaged in the manufacture of pneumatic tires, inner tubes, and solid and cushion rubber tires for any class of vehicle.

RUBBER BOOTS AND SHOES

1211 Rubber boots and shoes (including rubber-soled footwear with fabric upper and lining)

Establishments primarily engaged in the manufacture of all-rubber footwear, waterproof micro-summer footwear, and other rubber-soled footwear having rubber soles.

MISCELLANEOUS RUBBER INDUSTRIES

1212 Reclaimed rubber

Establishments primarily engaged in the reclaiming of rubber. This industry does not include the reclaiming of used goods engaged in manufacturing rubber goods.

1299 Rubber products not elsewhere classified

Establishments primarily engaged in the manufacture of rubber goods which are manufactured from materials other than those used in industry 1111.

Industry Group 12.—LEATHER AND LEATHER PRODUCTS—Continued

|-------------------|-----------------------|---------------|-------------------|

The Group as a Whole

This group of industries includes establishments primarily engaged in manufacturing flax and hemp materials, cotton, rayon and artificial silk materials, sisal, jute, and straw, and vegetable fibers. The products of these industries are used in the manufacture of textile and leather products.

LEATHER PRODUCTS

1211 Leather; tanned, curried, and finished—regular factories or jobbers engaging in manufacturing

Establishments primarily engaged in manufacturing leather, including the tanning, currying, and finishing of leather items. This industry includes tanneries, curriers, and finishers, and establishments primarily engaged in the tanning, currying, and finishing of leather.

1221 Leather; tanned, curried, and finished—contract factories

Establishments primarily engaged in the tanning, currying, and finishing of leather for specific customers.

1230 Boot and shoe stock and findings

Establishments primarily engaged in the manufacture of boots, shoes, and other articles of leather.

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

|-------------------|-----------------------|---------------|-------------------|

The Group as a Whole

This group of industries includes establishments primarily engaged in manufacturing glass, ceramics, and porcelain products. The products of these industries are used in the manufacture of furniture, household goods, and other products.

PLAT GLASS

1310 Flat glass

Establishments primarily engaged in the manufacture of flat glass, including plate glass, plate window glass, and ornamental and structural flat glass.

GLASSWARE, PRESSED OR BLOWN

1321 Glass containers

Establishments primarily engaged in the manufacture of glass containers for packaging and bottling.

1322 Tableware, pressed or blown glass, and glassware not elsewhere classified

Establishments primarily engaged in the manufacture of glassware, including dinnerware, tableware, and other glass products.

GLASS PRODUCTS MADE OF PURCHASED GLASS

1330 Mirrors and other glass products made of purchased glass

Establishments primarily engaged in the manufacture of mirrors, window glass, ornamental and decorative glass, glass novelties, cutting, polishing, and coating of glass from purchased glass.
### Industry Group 12—STONE, CLAY, AND GLASS PRODUCTS—Continued

<table>
<thead>
<tr>
<th>Classification, 1930</th>
<th>Form No. 1930</th>
<th>Industry No. 1930</th>
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<tbody>
<tr>
<td>CEMENT</td>
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<tr>
<td>ESTABLISHMENTS PRIMARILY ENGAGED IN THE MANUFACTURE OF</td>
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</tr>
<tr>
<td>PORTLAND, NATURAL, RECYCLED, AND PULVERIZED CEMENTS.</td>
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#### STRUCTURAL CLAY PRODUCTS

<table>
<thead>
<tr>
<th>Classification, 1930</th>
<th>Form No. 1930</th>
<th>Industry No. 1930</th>
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</thead>
<tbody>
<tr>
<td>Brick and hollow structural tile</td>
<td>1904 *1904</td>
<td></td>
</tr>
<tr>
<td>ESTABLISHMENTS PRIMARILY ENGAGED IN THE MANUFACTURE OF</td>
<td></td>
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</tbody>
</table>
| BRICKS AND HOLLOW STRUCTURAL TILES, INCLUDING COND-
| DUCT, TUBE AND CEMENT CURING, FLOOR, CURTAIN, AND  |               |                   |
| COMBINATION TILES, AND FLOORING BRICK. THE MANUFA-
| CTURE OF FIRE-RESISTANT BRICK IS INCLUDED IN INDUSTRY  |               |                   |
| 1306, AND SOFT-MINERAL BRICK IN INDUSTRY 1306.        |               |                   |

<table>
<thead>
<tr>
<th>Classification, 1930</th>
<th>Form No. 1930</th>
<th>Industry No. 1930</th>
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</thead>
<tbody>
<tr>
<td>Terra cotta</td>
<td>1904 *1904</td>
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<tr>
<td>ESTABLISHMENTS PRIMARILY ENGAGED IN THE MANUFACTURE</td>
<td></td>
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<tr>
<td>OF ARCHITECTURAL TERRA COTTA.</td>
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<th>Classification, 1930</th>
<th>Form No. 1930</th>
<th>Industry No. 1930</th>
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</thead>
<tbody>
<tr>
<td>Roofing tile</td>
<td>1904 *1904</td>
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<tr>
<td>ESTABLISHMENTS PRIMARILY ENGAGED IN THE MANUFACTURE</td>
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<tr>
<td>OF ROOFING TILES.</td>
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<tr>
<th>Classification, 1930</th>
<th>Form No. 1930</th>
<th>Industry No. 1930</th>
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</thead>
<tbody>
<tr>
<td>Floor and wall tile (except quarry tile)</td>
<td>1904 *1904</td>
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<tr>
<td>ESTABLISHMENTS PRIMARILY ENGAGED IN THE MANUFACTURE</td>
<td></td>
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</tbody>
</table>
| OF FLOOR TILES, LAMINATE TILES, CONROUT TILES, GLAZED OR ENA-
| NCHED TILES, FLOORS, WALLS, AND OTHER TILES USED AS FLOOR OR  |               |                   |
| WALL TILES, EXCEPT QUARRY TILES.                        |               |                   |

<table>
<thead>
<tr>
<th>Classification, 1930</th>
<th>Form No. 1930</th>
<th>Industry No. 1930</th>
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</thead>
<tbody>
<tr>
<td>Sewer pipe and kindred products</td>
<td>1904 *1904</td>
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<tr>
<td>ESTABLISHMENTS PRIMARILY ENGAGED IN THE MANUFACTURE</td>
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<tr>
<td>OF SEWER PIPE AND KINDRED PRODUCTS MADE OF CLAY.</td>
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<tr>
<th>Classification, 1930</th>
<th>Form No. 1930</th>
<th>Industry No. 1930</th>
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</thead>
<tbody>
<tr>
<td>Clay refractories, installing refractory cement (clay)</td>
<td>1904 *1904</td>
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<tr>
<td>ESTABLISHMENTS PRIMARILY ENGAGED IN THE MANUFACTURE</td>
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<tr>
<td>OF REFRACTORIES, AND BRICKS, TILES, AND OTHER PRODUCTS</td>
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<tr>
<td>SUCH AS GLASS-FACTORY BRICKS, RIPPERS, FLOORS, AND</td>
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<td>TINGS.</td>
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<th>Classification, 1930</th>
<th>Form No. 1930</th>
<th>Industry No. 1930</th>
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</thead>
<tbody>
<tr>
<td>Clay products (except pottery) not elsewhere classified</td>
<td>1904 *1904</td>
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<tr>
<td>ESTABLISHMENTS PRIMARILY ENGAGED IN THE MANUFACTURE</td>
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<tr>
<td>OF CLAY PRODUCTS SUCH AS STONE LINING, FLOOR LINING,</td>
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<tr>
<td>CHIMNEY PIPE AND TAPS, WALL COPING, SEWER COATING,</td>
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<tr>
<td>DRAIN AND CURB TILES, ETC.</td>
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### POTTERY AND RELATED PRODUCTS

<table>
<thead>
<tr>
<th>Classification, 1930</th>
<th>Form No. 1930</th>
<th>Industry No. 1930</th>
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</thead>
<tbody>
<tr>
<td>Vitrified-clay plumbing fixtures</td>
<td>1904 *1904</td>
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<tr>
<td>ESTABLISHMENTS PRIMARILY ENGAGED IN THE MANUFACTURE</td>
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<td></td>
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<tr>
<td>OF VITRIFIED-CLAY PLUMBING FIXTURES FROM CLAY.</td>
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<thead>
<tr>
<th>Classification, 1930</th>
<th>Form No. 1930</th>
<th>Industry No. 1930</th>
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</thead>
<tbody>
<tr>
<td>Hotel china</td>
<td>1904 *1904</td>
<td></td>
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<tr>
<td>ESTABLISHMENTS PRIMARILY ENGAGED IN THE MANUFACTURE</td>
<td></td>
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<tr>
<td>OF HOTEL CHINA.</td>
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<tr>
<th>Classification, 1930</th>
<th>Form No. 1930</th>
<th>Industry No. 1930</th>
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</thead>
<tbody>
<tr>
<td>Whittare</td>
<td>1904 *1904</td>
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<tr>
<td>ESTABLISHMENTS PRIMARILY ENGAGED IN THE MANUFACTURE</td>
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<tr>
<td>OF WHITTARES AND SIMILAR RACE AND SIMILAR TILES MADE</td>
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<td></td>
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<tr>
<td>OF WHITE, GRAY, AND</td>
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<td></td>
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<tr>
<td>STONE TILES.</td>
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<tr>
<th>Classification, 1930</th>
<th>Form No. 1930</th>
<th>Industry No. 1930</th>
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</thead>
<tbody>
<tr>
<td>Porcelain electrical supplies</td>
<td>1904 *1904</td>
<td></td>
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<tr>
<td>ESTABLISHMENTS PRIMARILY ENGAGED IN THE MANUFACTURE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OF PORCELAIN ELECTRICAL INSULATION MATERIALS FROM CLAY.</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Classification, 1930</th>
<th>Form No. 1930</th>
<th>Industry No. 1930</th>
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</thead>
<tbody>
<tr>
<td>China firing and decorating (for the trade)</td>
<td>1905</td>
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<tr>
<td>ESTABLISHMENTS PRIMARILY ENGAGED IN THE MANUFACTURE</td>
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<td></td>
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<tr>
<td>OF CHINA AND DECORATIVE CHINA FOR THE TRADE.</td>
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</tr>
<tr>
<td>SMALL ESTABLISHMENTS Firing and decorating china in</td>
<td></td>
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<tr>
<td>INDIVIDUAL ORDER ARE NOT INCLUDED IN THE MANUFACTURING</td>
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<tr>
<td>INDUSTRIES.</td>
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<thead>
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<th>Classification, 1930</th>
<th>Form No. 1930</th>
<th>Industry No. 1930</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pottery products not elsewhere classified</td>
<td>1904 *1904</td>
<td></td>
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<tr>
<td>ESTABLISHMENTS PRIMARILY ENGAGED IN THE MANUFACTURE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OF POTTERY PRODUCTS NOT ELSEWHERE CLASSIFIED.</td>
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</tr>
<tr>
<td>THIS INDUSTRY INCLUDES PORCELAIN CHINA, DINNER AND</td>
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</tr>
<tr>
<td>BANQUET WARES, CHINA, DINNER WARES, PORCELAIN,</td>
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<tr>
<td>CHINAWARE, ETC.</td>
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### CONCRETE, GYPSUM, AND PLASTER PRODUCTS

<table>
<thead>
<tr>
<th>Classification, 1930</th>
<th>Form No. 1930</th>
<th>Industry No. 1930</th>
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</thead>
<tbody>
<tr>
<td>Concrete products</td>
<td>1905 *1905</td>
<td></td>
</tr>
<tr>
<td>ESTABLISHMENTS PRIMARILY ENGAGED IN THE MANUFACTURE</td>
<td></td>
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</tr>
<tr>
<td>OF CONCRETE, CURBING BLOCKS AND STAIRS, STEPS,</td>
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<tr>
<td>TILES, AND SIMILAR PRODUCTS SUCH AS PAVING AND</td>
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<tr>
<td>PLANTERS, WATERFALLS, AND SIMILAR PRODUCTS.</td>
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<thead>
<tr>
<th>Classification, 1930</th>
<th>Form No. 1930</th>
<th>Industry No. 1930</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gypsum products</td>
<td>1905 *1905</td>
<td></td>
</tr>
<tr>
<td>ESTABLISHMENTS PRIMARILY ENGAGED IN THE MANUFACTURE</td>
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</tr>
<tr>
<td>OF GYPSUM PRODUCTS, PLASTER, AND KINDRED PRODUCTS</td>
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<tr>
<td>SUCH AS PLASTER, GYPSUM, GLASS, ETC.</td>
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<tr>
<th>Classification, 1930</th>
<th>Form No. 1930</th>
<th>Industry No. 1930</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mineral wool</td>
<td>1905 *1905</td>
<td></td>
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<tr>
<td>ESTABLISHMENTS PRIMARILY ENGAGED IN THE MANUFACTURE</td>
<td></td>
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</tr>
<tr>
<td>OF MINERAL WOOL FOR MANUFACTURE INSIDE OF MINERALS SUCH</td>
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<tr>
<td>AS ROCK, GLASS, ETC.</td>
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<table>
<thead>
<tr>
<th>Industry Group 14.—IRON AND STEEL AND THEIR PRODUCTS, EXCEPT MACHINERY</th>
<th>Industry Group 14.—IRON AND STEEL AND THEIR PRODUCTS, EXCEPT MACHINERY—Continued</th>
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</thead>
<tbody>
<tr>
<td><strong>1933 Industry No.</strong></td>
<td><strong>1935 Industry No.</strong></td>
</tr>
<tr>
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</table>
### Industry Group 14.—IRON AND STEEL AND THEIR PRODUCTS, EXCEPT MACHINERY—Continued

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<tbody>
<tr>
<td>1451</td>
<td>MISCELLANEOUS IRON AND STEEL PRODUCTS—Continued</td>
<td>1109 Cold-rolled steel sheets and strip, and cold-finished steel bars made in plants not operated in connection with hot-rolling mills.</td>
<td>1122 Primary smelting and refining of nonferrous metals.</td>
<td>1212 Secondary smelting and refining, gold, silver, and platinum.</td>
<td></td>
</tr>
<tr>
<td>1452</td>
<td>Doors, window sash, frames, molding, and trim (made of metal).</td>
<td>1102 Allyoning; and rolling and drawing of nonferrous metals, except aluminum.</td>
<td>1213 Secondary smelting and refining of nonferrous metals, except where classified.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MISCELLANEOUS IRON AND STEEL PRODUCTS—Continued</td>
<td>1103 Secondary smelting and refining, gold, silver, and platinum.</td>
<td>1214 Secondary smelting and refining of nonferrous metals, except where classified.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bails, nuts, washers, and rivets—made in plants not operated in connection with rolling mills.</td>
<td>1102 Allyoning; and rolling and drawing of nonferrous metals, except aluminum.</td>
<td>1213 Secondary smelting and refining of nonferrous metals, except where classified.</td>
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<tr>
<td></td>
<td>Establishment primarily engaged in the manufacture of bolts, nuts, washers, lock washers, lock washers, turnbuckles, toggle bolts, etc. The production of machine screws is included in Industry 465.</td>
<td>1102 Allyoning; and rolling and drawing of nonferrous metals, except aluminum.</td>
<td>1213 Secondary smelting and refining of nonferrous metals, except where classified.</td>
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</tr>
<tr>
<td></td>
<td>Forgings, iron and steel—made in plants not operated in connection with rolling mills.</td>
<td>1102 Allyoning; and rolling and drawing of nonferrous metals, except aluminum.</td>
<td>1213 Secondary smelting and refining of nonferrous metals, except where classified.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Establishment primarily engaged in the manufacture of forgings, iron and steel forgings, for railroads, for automobiles, and for other purposes.</td>
<td>1102 Allyoning; and rolling and drawing of nonferrous metals, except aluminum.</td>
<td>1213 Secondary smelting and refining of nonferrous metals, except where classified.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Wrought pipes, welded and heavy riveted—made in plants not operated in connection with rolling mills.</td>
<td>1102 Allyoning; and rolling and drawing of nonferrous metals, except aluminum.</td>
<td>1213 Secondary smelting and refining of nonferrous metals, except where classified.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Establishment primarily engaged in the manufacture of wrought iron pipes and tubs; also joints and heavy riveted pipes.</td>
<td>1102 Allyoning; and rolling and drawing of nonferrous metals, except aluminum.</td>
<td>1213 Secondary smelting and refining of nonferrous metals, except where classified.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1453</td>
<td>Springs, steel (except wire)—made in plants not operated in connection with rolling mills.</td>
<td>1102 Allyoning; and rolling and drawing of nonferrous metals, except aluminum.</td>
<td>1213 Secondary smelting and refining of nonferrous metals, except where classified.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Establishment primarily engaged in the manufacture of springs, steel (except wire), for railroad equipment, vehicles, agricultural and mining machinery, etc. The production of wire springs is included in Industry 469.</td>
<td>1102 Allyoning; and rolling and drawing of nonferrous metals, except aluminum.</td>
<td>1213 Secondary smelting and refining of nonferrous metals, except where classified.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1454</td>
<td>Screw-machine products and wood screws.</td>
<td>1102 Allyoning; and rolling and drawing of nonferrous metals, except aluminum.</td>
<td>1213 Secondary smelting and refining of nonferrous metals, except where classified.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Establishment primarily engaged in the manufacture of machine screws, cap and screw screws and other small articles made of screw machines and wood screws.</td>
<td>1102 Allyoning; and rolling and drawing of nonferrous metals, except aluminum.</td>
<td>1213 Secondary smelting and refining of nonferrous metals, except where classified.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1455</td>
<td>Steel bars, rods, and drawn wire.</td>
<td>1102 Allyoning; and rolling and drawing of nonferrous metals, except aluminum.</td>
<td>1213 Secondary smelting and refining of nonferrous metals, except where classified.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Establishment primarily engaged in the manufacture of steel bars, rods, and drawn wire.</td>
<td>1102 Allyoning; and rolling and drawing of nonferrous metals, except aluminum.</td>
<td>1213 Secondary smelting and refining of nonferrous metals, except where classified.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1456</td>
<td>Firemen.</td>
<td>1102 Allyoning; and rolling and drawing of nonferrous metals, except aluminum.</td>
<td>1213 Secondary smelting and refining of nonferrous metals, except where classified.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Manufacture of small firemen and parts.</td>
<td>1102 Allyoning; and rolling and drawing of nonferrous metals, except aluminum.</td>
<td>1213 Secondary smelting and refining of nonferrous metals, except where classified.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1457</td>
<td>Safes and vaults.</td>
<td>1102 Allyoning; and rolling and drawing of nonferrous metals, except aluminum.</td>
<td>1213 Secondary smelting and refining of nonferrous metals, except where classified.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Manufacture of vault doors and linings, and sub-</td>
<td>1102 Allyoning; and rolling and drawing of nonferrous metals, except aluminum.</td>
<td>1213 Secondary smelting and refining of nonferrous metals, except where classified.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>daggers, bars and sheets, made and vaults, except grave vaults (§71 and §731).</td>
<td>1102 Allyoning; and rolling and drawing of nonferrous metals, except aluminum.</td>
<td>1213 Secondary smelting and refining of nonferrous metals, except where classified.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Part of 478000—49—28
## Industry Group 15.—NONFERROUS METALS AND THEIR PRODUCTS—Continued

### JEWELRY

<table>
<thead>
<tr>
<th>1930 Industry No.</th>
<th>1930 Form No.</th>
<th>1937 Industry No.</th>
<th>1937 Form No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1651</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jewelry (precious metals)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Establishments primarily engaged in the manufacture of jewelry for personal adornment (including colored products, such as cigarette cases and lighters, vanity cases, compact, etc.) made from precious or non-precious metals or with precious stones, precious metals, and precious stones, with or without stones; goldsmiths and jewelers' work, including rings, bracelets, and necklaces.</td>
<td>1210</td>
<td>1210</td>
<td></td>
</tr>
</tbody>
</table>

### JEWELERS' FINDINGS AND MATERIALS

<table>
<thead>
<tr>
<th>1930 Industry No.</th>
<th>1930 Form No.</th>
<th>1937 Industry No.</th>
<th>1937 Form No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1652</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Establishments primarily engaged in the manufacture of unmanufactured jewelry parts (except pieces and stones, 1653), and stock-shop products, such as sheets, wire, and tubing.</td>
<td>1210</td>
<td>1221</td>
<td></td>
</tr>
</tbody>
</table>

### LAPIDARY WORK

<table>
<thead>
<tr>
<th>1930 Industry No.</th>
<th>1930 Form No.</th>
<th>1937 Industry No.</th>
<th>1937 Form No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1653</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lapidary work</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Establishments primarily engaged in the manufacture of jewelry, rings, bracelets, and necklaces.</td>
<td>1210</td>
<td>1203</td>
<td></td>
</tr>
</tbody>
</table>

### SILVERWARE AND PLATED WARE

<table>
<thead>
<tr>
<th>1930 Industry No.</th>
<th>1930 Form No.</th>
<th>1937 Industry No.</th>
<th>1937 Form No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1654</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Silverware and plated ware</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Establishments primarily engaged in the manufacture of knives, forks, spoons and other flatware, hollow ware, cutlery ware, silver plate ware, gold, silver plate ware, made of solid silver, metal plated with silver, gold, or other metal, of nickel silver, or of porcelain.</td>
<td>1213</td>
<td>1213</td>
<td></td>
</tr>
</tbody>
</table>

### ENGRAVING ON METAL, PLATING, AND POLISHING

<table>
<thead>
<tr>
<th>1930 Industry No.</th>
<th>1930 Form No.</th>
<th>1937 Industry No.</th>
<th>1937 Form No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1655</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Engraving on metal (except for printing purposes)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Establishments primarily engaged in the manufacture of silverware, plated ware, silver plate ware, and other metal ware</td>
<td>1221</td>
<td>1252</td>
<td></td>
</tr>
</tbody>
</table>

### ELECTRICAL EQUIPMENT

<table>
<thead>
<tr>
<th>1930 Industry No.</th>
<th>1930 Form No.</th>
<th>1937 Industry No.</th>
<th>1937 Form No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1656</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electrical equipment</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Establishments primarily engaged in the manufacture of household electrical appliances used for heating, cooling, cooking, and other electrical apparatus.</td>
<td>1212</td>
<td>*1212</td>
<td></td>
</tr>
</tbody>
</table>

### INSULATED WIRE AND CABLE

<table>
<thead>
<tr>
<th>1930 Industry No.</th>
<th>1930 Form No.</th>
<th>1937 Industry No.</th>
<th>1937 Form No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1657</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Insulated wire and cable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Establishments primarily engaged in the manufacture of insulated or armored wire and cable for transmitting electrical energy.</td>
<td>1212</td>
<td>*1212</td>
<td></td>
</tr>
</tbody>
</table>

### COMMUNICATION EQUIPMENT AND RELATED PRODUCTS

<table>
<thead>
<tr>
<th>1930 Industry No.</th>
<th>1930 Form No.</th>
<th>1937 Industry No.</th>
<th>1937 Form No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1658</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Communication equipment</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Establishments primarily engaged in the manufacture of telephones and telephone equipment, electrical sign-attendant systems, or other electrical apparatus.</td>
<td>1212</td>
<td>1204</td>
<td></td>
</tr>
</tbody>
</table>

### ELECTRICAL PRODUCTS NOT ELSEWHERE CLASSIFIED

<table>
<thead>
<tr>
<th>1930 Industry No.</th>
<th>1930 Form No.</th>
<th>1937 Industry No.</th>
<th>1937 Form No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1659</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electrical products not elsewhere classified</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Establishments primarily engaged in the manufacture of storage batteries, dry batteries, and related products.</td>
<td>1212</td>
<td>*1212</td>
<td></td>
</tr>
</tbody>
</table>

### Industry Group 16.—ELECTRICAL MACHINERY

<table>
<thead>
<tr>
<th>1930 Industry No.</th>
<th>1930 Form No.</th>
<th>1937 Industry No.</th>
<th>1937 Form No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1660</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electrical machinery</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Establishments primarily engaged in the manufacture of electrical machinery and apparatus,</td>
<td>1213</td>
<td>1203</td>
<td></td>
</tr>
</tbody>
</table>

### ELECTRICAL MEASURING INSTRUMENTS

<table>
<thead>
<tr>
<th>1930 Industry No.</th>
<th>1930 Form No.</th>
<th>1937 Industry No.</th>
<th>1937 Form No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1661</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electrical measuring instruments</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Establishments primarily engaged in the manufacture of electrical measuring instruments, motor transformers, and indicating instruments.</td>
<td>1212</td>
<td>*1203</td>
<td></td>
</tr>
</tbody>
</table>

### GENERATION, DISTRIBUTION, AND INDUSTRIAL APPARATUS

<table>
<thead>
<tr>
<th>1930 Industry No.</th>
<th>1930 Form No.</th>
<th>1937 Industry No.</th>
<th>1937 Form No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1662</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Generation, distribution, and industrial apparatus</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Establishments primarily engaged in the manufacture of electric power apparatus, including steam-turbine generators and sets, motor transformers, and indicating instruments.</td>
<td>1212</td>
<td>*1203</td>
<td></td>
</tr>
</tbody>
</table>

### ELECTRICAL APPLIANCES

<table>
<thead>
<tr>
<th>1930 Industry No.</th>
<th>1930 Form No.</th>
<th>1937 Industry No.</th>
<th>1937 Form No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1663</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electrical appliances</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Establishments primarily engaged in the manufacture of household electric appliances used for heating, cooking, and other electrical apparatus.</td>
<td>1212</td>
<td>*1203</td>
<td></td>
</tr>
</tbody>
</table>

### INSULATED WIRE AND CABLE

<table>
<thead>
<tr>
<th>1930 Industry No.</th>
<th>1930 Form No.</th>
<th>1937 Industry No.</th>
<th>1937 Form No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1664</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Insulated wire and cable</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Establishments primarily engaged in the manufacture of insulated or armored wire and cable for transmitting electrical energy.</td>
<td>1212</td>
<td>*1203</td>
<td></td>
</tr>
</tbody>
</table>

### COMMUNICATION EQUIPMENT AND RELATED PRODUCTS

<table>
<thead>
<tr>
<th>1930 Industry No.</th>
<th>1930 Form No.</th>
<th>1937 Industry No.</th>
<th>1937 Form No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1665</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Communication equipment</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Establishments primarily engaged in the manufacture of telephones and telephone equipment, electrical sign-attendant systems, or other electrical apparatus.</td>
<td>1212</td>
<td>1203</td>
<td></td>
</tr>
</tbody>
</table>

### ELECTRICAL PRODUCTS NOT ELSEWHERE CLASSIFIED

<table>
<thead>
<tr>
<th>1930 Industry No.</th>
<th>1930 Form No.</th>
<th>1937 Industry No.</th>
<th>1937 Form No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1666</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electrical products not elsewhere classified</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Establishments primarily engaged in the manufacture of electrical machinery and apparatus,</td>
<td>1212</td>
<td>*1203</td>
<td></td>
</tr>
</tbody>
</table>
## Industry Group 16. — ELECTRICAL MACHINERY—Continued

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td></td>
<td>ELECTRICAL PRODUCTS NOT ELSEWHERE CLASSIFIED—Continued</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1593</td>
<td>Establishments primarily engaged in the manufacture of electrical equipment not classified in any of the above industries</td>
<td>1230</td>
<td>1230</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td></td>
<td>THE GROUP AS A WHOLE</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>This group of industries includes establishments primarily engaged in manufacturing machinery and equipment other than electrical (see Industry 16), and prime movers. Machines that are powered by a removable electric motor and power tools, both electric and pneumatic powered, generally are included in this group.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### ENGINES AND TURBINES

| 1111         | Steam engines, turbines, and water wheels | 1234 | 1234 |

### INTERNAL-COMBUSTION ENGINES

| 1112         | Establishments primarily engaged in the manufacture of internal-combustion engines and internal-combustion engine accessories | 1234 | 1234 |

### AGRICULTURAL MACHINERY AND TRACTORS

| 1211         | Agricultural machinery and tractors | 1231 | 1231 |

### CONSTRUCTION, MINING, AND RELATED MACHINERY

| 1811         | Construction and similar machinery (except mining and oil-field machinery and tools) | 1234 | 1234 |

### OFF-FIELD MACHINERY AND TOOLS

| 1222         | Establishments primarily engaged in the manufacture of machinery and tools for use in oil, gas, and mining industries | 1235 | 1235 |

### MINING MACHINERY AND EQUIPMENT

| 1233         | Mining machinery and equipment | 1235 | 1235 |

### METALWORKING MACHINERY

| 1741         | Machine tools | 1237 | 1237 |

### SPECIAL-INDUSTRY MACHINERY

| 1751         | Establishments primarily engaged in the manufacture of machinery for the textile industry | 1233 | 1233 |

### GENERAL INDUSTRIAL MACHINERY

| 1761         | Measuring and dispensing pumps | 1235 | 1235 |

### Automotive MACHINERY

| 1771         | Trucks and trailers | 1235 | 1235 |

### AERONAUTICAL MACHINERY

| 1781         | Aviation instruments and equipment | 1235 | 1235 |

### Flooring, Coating, and Conveying Systems

| 1791         | Flooring, coating, and conveying systems | 1235 | 1235 |

### CARS AND TRUCKS, INDUSTRIAL

| 1801         | Industrial trucks and specialized vehicles | 1235 | 1235 |

### MEASURING INSTRUMENTS, MECHANICAL (EXCEPT ELECTRICAL)

| 1851         | Establishments primarily engaged in the manufacture of measuring instruments, except electric meters | 1236 | 1236 |

### MECHANICAL POWER-TRANSMISSION EQUIPMENT

| 1861         | Establishments primarily engaged in the manufacture of mechanical power-transmission equipment, except electric motors | 1236 | 1236 |

### STOKERS, MECHANICAL, DOMESTIC, AND INDUSTRIAL

| 1871         | Establishments primarily engaged in the manufacture of stokers and mechanical chimney blowers | 1236 | 1236 |

### MACHINE-SHOP TOOLS

| 1881         | Establishments engaged in the production of machine tools and accessories, not elsewhere classified | 1235 | 1235 |

### MACHINE-SHOP REPAIRS

| 1891         | Establishments engaged in the repair and maintenance of machine tools and accessories, not elsewhere classified | 1235 | 1235 |

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

<table>
<thead>
<tr>
<th>Industry Group 17.</th>
<th>CLASSIFICATIONS, 1939</th>
<th>1930 Form No.</th>
<th>1937 Industry No.</th>
<th>1939 Form No.</th>
<th>1937 Industry No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>OFFICE AND STORE MACHINES</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1711 Office and store machines not elsewhere classified</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Establishments primarily engaged in the manufacture or assembly, for sale, all kinds of business office machines such as typewriters, calculating, addressing, mailing, time-keeping, tabulating, and card punching machines; check-writing, signing, canceling machines, perforators, and other protective devices, and all other business machines.</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>1712 Vending, amusement, and other coin-operated machines</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Establishments primarily engaged in the manufacture of all coin-operated machines and complete coin-operated vending and amusement machines. Complete coin-operated phonographs are classified in Industry 1733, and scales and balances in Industry 1776.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1776 Scales and balances</td>
<td></td>
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<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>HOUSEHOLD AND SERVICE INDUSTRY MACHINES</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1783 Laundry equipment, domestic</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Establishments primarily engaged in the manufacture of laundry equipment such as driers, irons, washing machines, and wringer for household use.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1782 Commercial laundry, dry-cleaning, and pressing machinery</td>
<td></td>
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<tr>
<td></td>
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<td></td>
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</tr>
<tr>
<td>1793 Sewing machines, domestic and industrial</td>
<td></td>
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<tr>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>1794 Refrigerators, domestic (mechanical and absorption), refrigerating machinery and equipment, and complete air-conditioning units</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Establishments primarily engaged in the manufacture of complete domestic and commercial refrigerators; compressors, evaporators, or condensers, for sale separately or in assembled units, known as the trade in complete systems, high-side or low-side; domestic and commercial cabinets; display, storage, etc., cases.</td>
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</tbody>
</table>

### Industry Group 18.—AUTOMOBILES AND AUTOMOBILE EQUIPMENT

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<thead>
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<tbody>
<tr>
<td>1810 Motor vehicles, motor-vehicle bodies, parts and accessories</td>
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<tr>
<td>Establishments primarily engaged in the manufacture or assembly of complete motor vehicles, motor-vehicle chassis, bodies, and such parts and accessories as gears, wheels, transmissions, axles, clutches, shock-absorbers, frames, horns, windshield wipers, etc.; and trailers for attachment to motor vehicles. This industry does not include establishments manufacturing tires and tubes (3111), spindles (1448, 1449), ignition apparatus, batteries, starting and lighting equipment (1446), headlights (1460), sheet-metal stampings (4472), hardwoods (4490), etc.</td>
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<tr>
<td>1810 Automobile trailers for attachment to passenger cars</td>
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<tr>
<td>Establishments primarily engaged in the manufacture or assembly of trailers for passenger cars.</td>
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### Industry Group 19.—TRANSPORTATION EQUIPMENT EXCEPT AUTOMOBILES

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<tbody>
<tr>
<td>1911 Locomotives (including frames and parts); railroad, mining, and industrial</td>
<td></td>
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<tr>
<td>Establishments primarily engaged in building and rebuilding locomotives and other railroad equipment, and the manufacture of equipment for the transportation of coal, ore, and other materials.</td>
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<tr>
<td>1912 Cars and car equipment—railroad, street, and rapid transit</td>
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<tr>
<td>Establishments primarily engaged in building, rebuilding, and repairing railroad, street, and rapid-transit cars and other railway equipment.</td>
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<tr>
<td>1921 Aircraft and parts, including aircraft engines</td>
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<tr>
<td>Establishments primarily engaged in the manufacture of complete aircraft, both internal-combustion and air-cooled, including propellers, airscrews, and paraphernalia. This industry also includes the manufacture of parts peculiarly for aircraft, such as aircraft engines, propellers, propeller blades, and pneumatics.</td>
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<tr>
<td>1931 Shipbuilding and ship repairing</td>
<td></td>
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<tr>
<td>Establishments primarily engaged in building and repairing ships of 5 gross tons and over of all types, steel, iron, or wood, self-propelled by sail or motive power or not self-propelled, such as barges, canal boats, lighters, etc.</td>
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<tr>
<td>1941 Motorcycles, bicycles, and parts</td>
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<tr>
<td>Establishments primarily engaged in the manufacture of complete motorcycles and side cars; bicycles; motorcycle and bicycle parts, such as saddles, seat posts, frames, handshafts, etc. The assembling of complete motorcycles or bicycles from purchased parts is included in this industry.</td>
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<tr>
<td>1951 Transportation equipment not elsewhere classified</td>
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<tr>
<td>Establishments primarily engaged in the manufacture of transportation equipment not elsewhere classified, such as horse-drawn vehicles (carriages, wagons, sleds, and similar vehicles) and parts, wheelbarrows, etc. The manufacture of children's vehicles is included in Industry 264.</td>
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### Industry Group 20.—MISCELLANEOUS INDUSTRIES

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<tr>
<td>2011 Professional and scientific instruments, photographic apparatus, and optical goods</td>
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<tr>
<td>Establishments primarily engaged in the manufacture of professional and scientific instruments, such as surveyor's, drafting, and navigation; horometers and thermometers (except clinical); physical or medical apparatus, and instruments for laboratory work and scientific research, except microscopes and telescopes (1931). The production of surgical and dental instruments and equipment is classified in Industry 2021.</td>
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<tr>
<td>2012 Photographic apparatus and materials and projection apparatus (except lenses)</td>
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<tr>
<td>Establishments primarily engaged in the manufacture of photographic and motion-picture cameras and projection apparatus, and associated materials and supplies, such as films, sensitized paper and plates, rolls, tanks, tripods, etc. The production of lenses is classified in Industry 2013.</td>
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</table>
### APPENDIX D

### Industry Group 20.—MISCELLANEOUS INDUSTRIES—Con.

<table>
<thead>
<tr>
<th>1909 Industry No.</th>
<th>1909 Form No.</th>
<th>1910 Industry No.</th>
<th>1910 Form No.</th>
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<tbody>
<tr>
<td>PROFESSIONAL AND SCIENTIFIC INSTRUMENTS, PHOTOGRAPHIC APPARATUS, AND OPTICAL GOODS—Continued</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2013 Optical instruments and lenses</td>
<td>1631</td>
<td>1631</td>
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<tr>
<td>Establishments primarily engaged in the printing of lenses and manufacturing of microscopes, telescopes, field plates, and related optical instruments. Establishments manufacturing eyeglass frames or lenses or complete eyeglasses are classified in Industry 2041.</td>
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<tr>
<td>2014 Ophthalmic goods: lenses and fittings</td>
<td>1631</td>
<td>1631</td>
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<tr>
<td>Establishments primarily engaged in the printing of ophthalmic lenses and manufacturing of ophthalmic goods. Retail establishments, fitting eyeglasses to individual order, are not considered a part of the manufacturing industries.</td>
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<tr>
<td>SURGICAL, MEDICAL, AND DENTAL INSTRUMENTS, EQUIPMENT, AND SUPPLIES</td>
<td></td>
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<tr>
<td>2021 Surgical and medical instruments</td>
<td>1620</td>
<td>1620</td>
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</tr>
<tr>
<td>Establishments primarily engaged in the manufacture of surgical instruments, orthopedic and other medical instruments, and related thermometers. Household and industrial thermometers are classified in Industry 2031.</td>
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<tr>
<td>2022 Surgical supplies and equipment not elsewhere classified; orthopedic appliances</td>
<td>1646</td>
<td>1646</td>
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<tr>
<td>Establishments primarily engaged in the manufacture of surgical instruments and supplies, including surgical dressings and elastic goods, and artificial limbs. Medical and surgical instruments are classified in Industry 2021.</td>
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<tr>
<td>2023 Dental equipment and supplies</td>
<td>1611</td>
<td>1611</td>
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<tr>
<td>Establishments primarily engaged in the manufacture of mechanical devices and other equipment for use by dentists.</td>
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<tr>
<td>MUSICAL INSTRUMENTS AND PARTS</td>
<td></td>
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<tr>
<td>2031 Pianos</td>
<td>1626</td>
<td>1626</td>
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<tr>
<td>Establishments primarily engaged in the manufacture of complete pianos, with or without piano attachments.</td>
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<tr>
<td>2032 Organs</td>
<td>1626</td>
<td>1626</td>
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<tr>
<td>Establishments primarily engaged in the manufacture of organs and organ parts and materials for sale as such. The production of complete organs and organs is classified in Industries 2032 and 2033.</td>
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<tr>
<td>2033 Piano and organ parts and materials</td>
<td>1626</td>
<td>1626</td>
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<tr>
<td>Establishments primarily engaged in the manufacture of pianos and organ parts and materials for sale as such. The production of complete organs and organs is classified in Industries 2032 and 2033.</td>
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<tr>
<td>2034 Musical instruments, parts, and materials not elsewhere classified</td>
<td>1626</td>
<td>1626</td>
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<tr>
<td>Establishments primarily engaged in the manufacture of all kinds of complete musical instruments, except pianos (2031) and organs (2032); and in manufacturing parts and materials for all kinds of musical instruments except piano and organ parts (2033).</td>
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<tr>
<td>TOYS AND SPORTING AND ATHLETIC GOODS</td>
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<tr>
<td>2041 Game and toys (except dolls and children's vehicles)</td>
<td>1648</td>
<td>1648</td>
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<tr>
<td>Establishments primarily engaged in the manufacture of games for adults, such as dice games, cards, and all games and toys for children, except dolls (2042) and children's vehicles (2043). Playing cards are classified in Industry 2600, and adult gaming equipment for outdoor sports and athletics in Industry 2609.</td>
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<tr>
<td>2042 Dolls (except rubber)</td>
<td>1648</td>
<td>1648</td>
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<tr>
<td>Establishments primarily engaged in the manufacture of all kinds of dolls and doll parts (except rubber, 1170), and doll clothing.</td>
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<tr>
<td>2043 Children's vehicles</td>
<td>1648</td>
<td>1648</td>
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<tr>
<td>Establishments primarily engaged in the manufacture of baby carriages, children's sleds, wagons, tricycles, and other children's vehicles.</td>
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<tr>
<td>2044 Sporting and athletic goods not elsewhere classified</td>
<td>1648</td>
<td>1648</td>
<td></td>
</tr>
<tr>
<td>Establishments primarily engaged in the manufacture of sporting and athletic goods, not elsewhere classified. This industry covers billiard and pool tables, bowling alleys and bowling equipment, which is classified in Group 4, amusement in Industry 886, and firearms in Industry 497.</td>
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<tr>
<td>PENS, PENCILS, STENCILS, AND ARTISTS' MATERIALS</td>
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<tr>
<td>2051 Pens, mechanical pencils, and pen points</td>
<td>1652</td>
<td>1652</td>
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<tr>
<td>Establishments primarily engaged in the manufacture of complete fountain pens, stenographic pens, mechanical pencils, gold, steel, and other metal pen points, rubber holders, and other parts</td>
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<thead>
<tr>
<th>Industry Group 20.—MISCELLANEOUS INDUSTRIES—Con.</th>
<th>Industry Group 20.—MISCELLANEOUS INDUSTRIES—Con.</th>
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</thead>
<tbody>
<tr>
<td><strong>1930 Industry No.</strong></td>
<td><strong>1930 Classifications, 1930</strong></td>
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<tr>
<td>------------------------------------------------</td>
<td>------------------------------------------------</td>
</tr>
<tr>
<td>MISCELLANEOUS INDUSTRIES NOT ELSEWHERE CLASSIFIED—Continued</td>
<td>2007 Umbrellas, parasols, and canes,</td>
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<tr>
<td></td>
<td>Establishments primarily engaged in the manufacture</td>
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<tr>
<td></td>
<td>of complete umbrellas, parasols, and canes, and</td>
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<td></td>
<td>frames, handles, parts, and trimmings for the same</td>
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<td>except those of precious metal (1569).</td>
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<td></td>
<td>Establishments primarily engaged in the manufacture</td>
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<td></td>
<td>of tobacco pipes of all materials, and cigarette and</td>
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<td>cigar holders except hard rubber (1569).</td>
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<tr>
<td></td>
<td>related products</td>
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<td></td>
<td>Establishments primarily engaged in the manufacture</td>
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<tr>
<td></td>
<td>of complete soda fountains, beer dispensing equip-</td>
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<td>ment, tanks, spouts, and other parts and acces-</td>
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<td>sories.</td>
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<td></td>
<td>Establishments primarily engaged in the manufacture</td>
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<td>of models, patterns, and forms of all materials, except</td>
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<td>paper patterns (708) and shoe-display forms (965).</td>
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<tr>
<td></td>
<td>Establishments primarily engaged in the manufacture</td>
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<tr>
<td></td>
<td>of wigs, wigs, braids, puffs, and related articles</td>
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<tr>
<td></td>
<td>made largely from human hair but in some cases from</td>
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<td></td>
<td>melan or other animal hair.</td>
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<tr>
<td></td>
<td>Establishments primarily engaged in detaching wool</td>
</tr>
<tr>
<td></td>
<td>from sheepskin.</td>
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* Part of.
APPENDIX E

INDUSTRY CHANGES: 1917-1929

Industry Group 1.—FOOD AND KINDRED PRODUCTS

[References in parentheses in right-hand column are to 1930 industry numbers]

111—Meat packing, wholesale.
112—Custom slaughtering, wholesale.
113—Sausages, prepared meats, and other meat products—not made in meat-packing establishments.
114—Sausage casings—not made in meat-packing establishments.
115—Stockyards and packing, wholesale.
116—Catering butter.
117—Cheese.
118—Condensed and evaporated milk.
119—Ice cream and ice cream products.
120—Special dairy products.
121—Canned fish, crustaceans, and mollusks.
122—Sugar.
123—Canned and dressed fruits and vegetables (excluding canned soups).
124—Preserves, jams, jellies, and fruit juices.
125—Libation fruits and vegetables and vegetable juices and essences.
126—Bakery products.
127—Canned drowned foods.
128—Flour and other grain-mill products.
129—Prepared feeds (excluding milks) for animals and fowls.
130—Bread and other bakery products (except biscuit, crackers, and pretzels).
131—Biscuit, crackers, and pretzels.
132—Packaged and preserved flour made from purchased flour.
133—Bread and other bakery products (except biscuit, crackers, and pretzels).
134—Canned sugar—except refiners.
135—Canned syrup.
136—Canned tomatoes.
137—Rye bread and rye flour.
138—Energy bars.
139—Mineral water.
140—Wine.
141—Liquors, distilled.
142—Liquors, rectified or bleached.
143—Ivory, canned.
144—Ivory substitute.
145—Cooking and other edible fats and oils, not elsewhere classified.
146—Essence-of-cinnamon—not made in meat-packing establishments.
147—Corn syrup, corn sugar, corn oil, and starch.
148—Flavoring extracts and flavoring syrups, not elsewhere classified.
149—Vinegar and cider.
150—Ice, manufactured.
151—Electrical appliances, electronic, and musical instruments.
152—Food preparations, not elsewhere classified.

Industry Group 2.—TOBACCO MANUFACTURES

211—Cigarettes.
212—Cigars.
213—Tobacco (chewing and smoking) and snuff.

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

[References in parentheses in right-hand column are to 1930 industry numbers]

311—Cotton broad woven goods.
312—Cotton narrow fabrics.
313—Cotton thread.
314—Silk broad woven goods—regular factories or jobbers engaging contractors.
315—Silk narrow fabrics.
316—Silk yarn and thread, spun or thrown—regular factories or jobbers engaging contractors.
317—Rayon broad woven goods—regular factories or jobbers engaging contractors.
318—Rayon broad woven goods—contract factories.
319—Rayon yarn and thread, spun or thrown—regular factories or jobbers engaging contractors.
320—Rayon throwing and spinning—contract factories.
321—Woolen throwing and weaving—regular factories or jobbers engaging contractors.
322—Woolen throwing and weaving—contract factories.
323—Dyeing and finishing woolen and worsted.
324—Woolen and worsted manufactures—regular factories or jobbers engaging contractors.
325—Woolen and worsted manufactures—contract factories.
326—Knitted underwear (except knitted gloves)—regular factories or jobbers engaging contractors.
327—Knitted underwear (except knitted gloves)—contract factories.
328—Knitted hats.
329—Knit hats and bleaching.
330—Woven hats and bleaching.
331—Woven hats and bleaching—contract factories.
332—Woolen and worsted manufactures—regular factories or jobbers engaging contractors.
333—Woolen and worsted manufactures—contract factories.
334—Dyeing and finishing woolen and worsted.
335—Woolen and worsted manufactures—regular factories or jobbers engaging contractors.
336—Woolen and worsted manufactures—contract factories.
337—Dyeing and finishing woolen and worsted.
338—Woolen and worsted manufactures—regular factories or jobbers engaging contractors.
339—Woolen and worsted manufactures—contract factories.
340—Woolen and worsted manufactures—regular factories or jobbers engaging contractors.
341—Woolen and worsted manufactures—contract factories.
342—Woolen and worsted manufactures—regular factories or jobbers engaging contractors.
343—Woolen and worsted manufactures—contract factories.
344—Dyeing and finishing woolen and worsted.
345—Woolen and worsted manufactures—regular factories or jobbers engaging contractors.
346—Woolen and worsted manufactures—contract factories.
Industry Group 3.—TEXTILE-MILL PRODUCTS AND OTHER FIBER MANUFACTURES—Continued

[References in parentheses in right-hand column are to 1930 industry numbers]

1939

1937

432

CENSUS OF MANUFACTURES: 1939

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

[References in parentheses in right-hand column are to 1939 industry numbers]

1939

1937

411 Men's and boys' suits, coats, and overcoats (except work clothing)—made in inside factories or by jobbers engaging contractors.
1939 1937

412 Men's and boys' suits, coats, and overcoats (except work clothing)—made in contract factories.

413 Men's and boys' shirts (except work shirts), collars, and nightwear—made in inside factories or by jobbers engaging contractors.

415 Men's and boys' underwear—made in inside factories or by jobbers engaging contractors.

416 Men's and boys' underwear—made in contract factories.

417 Men's and boys' hats and caps (except felt and straw).

418 Hat and cap materials; trimmings, etc.

420 Tweedens, suiting fabrics, wash suits, and washable service apparel.

423 Work suits.

424 Work clothing (except work shirts), sport garments (except leather), and other men's and boys' apparel not elsewhere classified.

430 Women's and misses' blouses and waists—made in inside factories or by jobbers engaging contractors.

432 Women's and misses' blouses and waists—made in contract factories.

433 Women's and misses' dresses (except house dresses) made in inside factories or by jobbers engaging contractors.

434 House dresses, uniforms, and aprons—made in inside factories or by jobbers engaging contractors.

435 House dresses, uniforms, and aprons—made in contract factories.

437 Coats, suits, and skirts (except fur coats)—made in inside factories or by jobbers engaging contractors.

438 Coats, suits, and skirts (except fur coats)—made in contract factories.

439 Women's and misses' clothing, not elsewhere classified—made in inside factories or by jobbers engaging contractors.

441 Women's, children's, and infants' underwear and nightwear of knit fabrics.

442 Women's, children's, and infants' underwear and nightwear of cotton and flannelette woven fabrics.

446 Women's, children's, and infants' underwear and nightwear of silk and rayon woven fabrics.

451 Millinery.

456 Children's dresses—made in inside factories or by jobbers engaging contractors.

2076 Gloves and mittens, knitted.

2171 Gloves and mittens, cloth or cloths and leather combined, made from un-weathered materials (part of see also Ind. 480 and 481).

2414 Dyeing and finishing yarn, cotton, rayon, and silk—on one or more machines (part of see also Ind. 493 and 494).

2432 Dyeing and finishing, cloth, cotton fabrics (part of see also Ind. 495 and 496).

2434 Dyeing and finishing, rayon and silk fabrics (part of see also Ind. 497 and 498).

2522 Clothing, men's, youth's, and boys', not elsewhere classified—contract factories (part of see also Ind. 499 and 500).

2532 Carpets and rugs, wool (other than rag).

2533 Carpets, yarns, woven and worsted.

2535 Carpets and rugs, paper fiber and glass.

2536 Carpets and rugs, none.

2537 Into goods (part of see also Ind. 500).

2538 Linen goods (part of see also Ind. 500).

2539 Boys' and girls' work clothing (over 13 inches in width) (part of see also Ind. 500). 25311 House furnishings not elsewhere classified, including all sheets and pillow cases.

25312 Amanace, only. (part of see also Ind. 500).

25313 Linen goods (part of see also Ind. 500).

25314 Boys' work clothing (part of see also Ind. 500).
### APPENDIX E

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

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<th>1939</th>
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</table>

#### Industry Group 5.—LUMBER AND TIMBER BASIC PRODUCTS

<table>
<thead>
<tr>
<th>1937</th>
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<tbody>
<tr>
<td>511</td>
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<td>520</td>
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<tr>
<td>512</td>
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<tr>
<td>503</td>
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</tbody>
</table>

#### Industry Group 6.—FURNITURE AND FINISHED LUMBER PRODUCTS

<table>
<thead>
<tr>
<th>1937</th>
</tr>
</thead>
<tbody>
<tr>
<td>1624</td>
</tr>
<tr>
<td>309</td>
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<td>3041</td>
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<tr>
<td>3020</td>
</tr>
</tbody>
</table>
CENSUS OF MANUFACTURES: 1939

Industry Group 7.—PAPER AND ALLIED PRODUCTS
[References in parentheses in right-hand column are to 1939 industry numbers]

731—Pulp mills.
732—Paper and paperboard mills.
740—Coated and glazed paper.
741—Envelopes.
760—Paper bags, except those made in paper mills.

774—Fiber axes, tubes, and similar products.
775—Pulpboard containers and boxes not elsewhere classified.
780—Die-cut paper and paperboard, and converted cardboard.
783—Wallpaper.
784—Pulp goods (pressed, molded).

790—Converted paper products not elsewhere classified.

1939

Industry Group 8.—PRINTING, PUBLISHING, AND ALLIED INDUSTRIES
[References in parentheses in right-hand column are to 1939 industry numbers]

811—Newspapers: publishing without printing.
812—Newspapers: publishing and printing.
821—Periodicals: publishing without printing.
822—Periodicals: publishing and printing.
831—Books: publishing without printing.
832—Books: publishing and printing.

833—Books: printing without publishing.

851—General commercial (job) printing.

861—Lithography and photo-lithography (including preparation of stones or plates and dry transfers).
862—Greeting cards (except hand-painted).

871—Gravure, retogravure, and rotary photogravure (including preparation of plates).
890—Bookbinding and related industries.

952—Engraving (steel, copperplate, and wood); plate printing.

953—Photogravure, not done in printing establishments (including preparation of plates).
954—Electrotyping and stenciling, not done in printing establishments.

1939

Industry Group 9.—CHEMICALS AND ALLIED PRODUCTS
[References in parentheses in right-hand column are to 1939 industry numbers]

911—Paints, varnishes, and lacquers.
912—Coals and pigments.
920—Cottonseed oils, cake, meal, and lint,ers.
922—Line and raffine cake, meal, and linseed.
924—Rancid oils, fats, and other residual oils, cake, meal, and lard.
926—Vegetable and animal oils, not elsewhere classified.
931—Drugs and medicines (including drug grinding).

952—Perfumes, cosmetics, and other toilet preparations.

1939
### APPENDIX E

**Industry Group 10.—PRODUCTS OF PETROLEUM AND COAL**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1929</td>
<td>Petroleum refining.</td>
</tr>
<tr>
<td>1931</td>
<td>Coke and coke-oven products.</td>
</tr>
<tr>
<td>1932</td>
<td>Coke-oven products.</td>
</tr>
<tr>
<td>1939</td>
<td>Refining.</td>
</tr>
<tr>
<td>1937</td>
<td>Petroleum products.</td>
</tr>
<tr>
<td>1935</td>
<td>Coke.</td>
</tr>
</tbody>
</table>

**Industry Group 11.—RUBBER PRODUCTS**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1939</td>
<td>Tire.</td>
</tr>
<tr>
<td>1937</td>
<td>Rubber.</td>
</tr>
<tr>
<td>1936</td>
<td>Rubber goods.</td>
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</table>

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1939</td>
<td>Leather.</td>
</tr>
<tr>
<td>1937</td>
<td>Leather goods.</td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>1929</td>
<td>Glass.</td>
</tr>
<tr>
<td>1937</td>
<td>Clay products.</td>
</tr>
<tr>
<td>1936</td>
<td>Pottery.</td>
</tr>
<tr>
<td>1935</td>
<td>China.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1933</td>
<td>Iron and steel.</td>
</tr>
<tr>
<td>1937</td>
<td>Iron and steel.</td>
</tr>
</tbody>
</table>

---

**[Continued on next page]**
CENSUS OF MANUFACTURES: 1939

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

[References in parentheses in right-hand column are to 1939 industry numbers]

1939

1452—Doors, window sash, frames, molding, and trim (made of metal).
1453—Bolts, nuts, washers, and rivets—made in plants not operated in connection with rolling mills.
1454—Forgings, iron and steel—made in plants not operated in connection with rolling mills.
1455—Wrought pipe, welded and heavy riveted—made in plants not operated in connection with rolling mills.
1456—Springs, steel (except wire)—made in plants not operated in connection with rolling mills.
1460—Screw-machine products and, wood screws.
1461—Steel bars, kegs, and drums.
1462—Firearms.
1463—Rails and rails.
1464—Cold-rolled steel sheets and strip and cold-finished steel bars made in plants not operated in connection with hot-rolling mills.

Industry Group 15.—NONFERROUS METALS AND THEIR PRODUCTS

[References in parenthesis in right-hand column are to 1939 industry numbers]

1939

1510—Primary smelting and refining of nonferrous metals.
1520—Alloying and rolling and drawing of nonferrous metals, except aluminum.
1530—Secondary smelting and refining, gold, silver, and platinum.
1532—Secondary smelting and refining of nonferrous metals, not elsewhere classified.
1541—Clocks, watches, and materials and parts (except watchcases).
1542—Watchcases.
1543—Jewelry (precious metals).
1547—Jewelry findings and materials.
1550—Lighting fixtures.
1560—Silverware and plated ware.
1570—Engraving on metal (except for printing purposes).
1572—Electrophotography, plating, and polishing.
1590—Lighting fixtures.
1600—Nonferrous-metal foundries (except aluminum).
1610—Aluminum ware, kitchen, hospital, and household (except electrical appliances).
1620—Aluminum products (including rolling and drawing and extruding), not elsewhere classified.
1624—Cable-ties tubes.
1635—Gold and silver leaf and foil.
1645—Tin and other fies (except gold and silver foil).
1660—Nonferrous-metal work not specifically classified.
1690—Nonferrous-metal products not elsewhere classified.

Industry Group 16.—ELECTRICAL MACHINERY

[References in parentheses in right-hand column are to 1939 industry numbers]

1939

1611—Wiring devices and supplies.
1612—Cordon products for the electrical industry, and manufactures of carbon or artificial graphite.
1613—Electrical measuring instruments.
1614—Generators, distribution, and industrial apparatus, and apparatus for incorporation in manufactured products, not elsewhere classified.
1620—Electrical appliances.
1622—Transformers and cables.
1630—Automobile electrical equipment.
1640—Electric lamps.
1650—Communication equipment.
1695—Batteries, storage and primary (dry and wet).
1697—X-ray and therapeutical apparatus and electronic tubes.
1699—Electrical cables.
1699—Radios, radio tubes, and phonographs.

Industry Group 17.—MACHINERY (EXCEPT ELECTRICAL)

[References in parentheses in right-hand column are to 1939 industry numbers]

1939

1710—Steam engines, turbines, and water wheels.
1720—Internal-combustion engines.
1731—Tractors.
1732—Agricultural machinery (except tractors).
1733—Construction and similar machinery (except mining and oil-field machinery and tools).
1734—Oil-field machinery and tools.
1735—Mining machinery and equipment.
1736—Food products machinery.
1737—Woodworking machinery.
1739—Special-industry machinery, not elsewhere classified.
1750—Bldngs, escalators, and conveyors.
1755—Cars and trucks, industrial.
1756—Bldgs., mechanical, domestic and industrial.
1757—Industrial machinery, not shown here classified.
1770—Ponding, extent, and others in-operated machines.
1780—Commercial laundry, dry-cleaning, and pressing machinery.
1792—Refrigeration, water wheels, and windmills (part of: see also Ind. 1720 and 1721).
1810—Agricultural implements (including tractors) (part of: see also Ind. 1724).
1820—Agricultural implements (including tractors) (part of: see also Ind. 1724).
1830—Bldgs., turbines, water wheels, and windmills (part of: see also Ind. 1720, 1721, and 1723).
1830—Machinery not elsewhere classified (part of: see also Ind. 1721, 1728, 1730, 1740, 1741, 1750, 1754, 1764, 1766, 1766, 1767, 1776, 1789, 1793, and 1795).
1830—Cranes and dredging, excavating, and road-building machinery.
1830—Machinery not elsewhere classified (part of: see also Ind. 1720, 1725, 1734, 1745, 1750, 1745, 1750, 1750, 1750, 1750, 1750, 1750, 1750, 1771, 1772, and 1780).
1830—Machinery not elsewhere classified (part of: see also Ind. 1721, 1728, 1730, 1740, 1741, 1750, 1750, and 1750).
Industry Group 17.—MACHINERY (EXCEPT ELECTRICAL)—Continued

[References in parentheses in right-hand columns are to 1939 industry numbers]

1740—Machine tools.
1741—Machine-tools and other metalworking-machinery accessories, metal-cutting and stamping tools, and machinists’ precision tools.
1742—Metallurgical machinery and equipment, not elsewhere classified.
1743—Textile machinery.
1744—Printing-press machinery and equipment.
1745—Measuring and dispensing pumps.
1746—Pumping equipment and air compressors.
1747—Measuring instruments, mechanical (except electrical) measuring instruments, watches, and clocks.
1748—Machine-shop products, not elsewhere classified.
1749—Machine-shop repairs.
1750—Mechanical power-transmission equipment.
1751—Office and store machines, not elsewhere classified.
1752—Scales and balances.
1753—Laundry equipment, domestic.
1754—Sawing machines, domestic and industrial.
1755—Refrigerators, domestic (mechanical and absorption), refrigeration machinery and equipment, and complete air-conditioning units.

Industry Group 18.—AUTOMOBILES AND AUTOMOBILE EQUIPMENT

[References in parentheses in right-hand columns are to 1939 industry numbers]

1830—Motor vehicles, motor-vehicle bodies, parts and accessories.
1831—Automobile trailers (for attachment to passenger cars).

Industry Group 19.—TRANSPORTATION EQUIPMENT EXCEPT AUTOMOBILES

[References in parentheses in right-hand columns are to 1939 industry numbers]

1930—Locomotives (including frames) and parts: railroad, mining, and industrial.
1931—Cars, and car equipment—railroad, street, and rapid-transit.
1932—Aircraft and parts, including aircraft engines.
1933—Shipbuilding and ship repairing.
1934—Boat building and boat repairing.
1935—Motorcycles, bicycles, and parts.
1936—Transportation equipment not elsewhere classified.

Industry Group 20.—MISCELLANEOUS INDUSTRIES

[References in parentheses in right-hand columns are to 1939 industry numbers]

2030—Professional and scientific instruments (except surgical and dental).
2031—Photographic apparatus and materials and projection equipment (except lenses).
2032—Optical instruments and lenses.
2033—Optical goods: lenses and fittings.
2034—Surgical and medical instruments.
2035—Surgical supplies and equipment not elsewhere classified: orthopedic appliances.
2036—Dental equipment and supplies.
2037—Aircraft.
2038—Organs.
2039—Flutes and organ parts and materials.
2040—Musical instruments, parts, and materials not elsewhere classified.
2041—Games and toys (except dolls and children’s vehicles).
2042—Dolls (except rubber).
2043—Children’s vehicles.
2044—Sporting and athletic goods not elsewhere classified.
2045—Pens, mechanical pencils, and pen points.
2046—Pencils (except mechanical) and crayons.
2047—Draughtsman paper, sheets, and tacks.
2048—Artists’ materials.
2049—Carbon paper and inked ribbons.
2050—Buttons.
2051—Costume jewelry and costume novelties (Jewelry other than fine jewelry).
2052—Jewelry cases and instrument cases.
2053—Lamp shades.
2054—Feathers, plumes, and artificial flowers.
2055—Brooms.
2056—Brushes.
2057—Beauty-shop and barber-shop equipment.
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2894</td>
<td>Furs, dressed and dyed.</td>
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<tr>
<td>2895</td>
<td>Signs and advertising novelties.</td>
</tr>
<tr>
<td>2905</td>
<td>Synthetic-resin, cellulose-plastic, vulcanized fiber, and molded and pressed pulp.</td>
</tr>
<tr>
<td>2977</td>
<td>Umbrellas, parasols, and fans.</td>
</tr>
<tr>
<td>2981</td>
<td>Tobacco pipes and cigarette holders.</td>
</tr>
<tr>
<td>3010</td>
<td>Sofa foxtailers, burling equipment, and related products.</td>
</tr>
<tr>
<td>3022</td>
<td>Models and patterns (except paper patterns).</td>
</tr>
<tr>
<td>3023</td>
<td>Hair work.</td>
</tr>
<tr>
<td>3044</td>
<td>Wool pulling.</td>
</tr>
<tr>
<td>3045</td>
<td>Needles, pins, hooks and eyes, and slide and snap fasteners.</td>
</tr>
<tr>
<td>3066</td>
<td>Fire extinguishers, chemical.</td>
</tr>
</tbody>
</table>

Other miscellaneous fabricated products not elsewhere classified.

1939 Industry Group 20.—MISCELLANEOUS INDUSTRIES—Continued

1937

1939

1937

1939