March 12, 1946

U. S. Department of Labor
Bureau of Labor Statistics
Employment and Occupational Outlook Branch
Division of Employment Statistics

EMPLOYMENT AND PAY ROLLS

Detailed Report

January 1946

<table>
<thead>
<tr>
<th>TABLE</th>
<th>CONTENTS</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Estimated number of production workers in manufacturing industries</td>
<td>2</td>
</tr>
<tr>
<td>2</td>
<td>Indexes of production-worker employment and pay rolls in manufacturing industries</td>
<td>8</td>
</tr>
<tr>
<td>3</td>
<td>Indexes of employment and pay rolls in selected nonmanufacturing industries</td>
<td>14</td>
</tr>
<tr>
<td>4</td>
<td>Estimated number of production workers in selected nonmanufacturing industries</td>
<td>15</td>
</tr>
<tr>
<td>5</td>
<td>Percentage changes in employment and pay rolls in selected nonmanufacturing industries</td>
<td>15</td>
</tr>
<tr>
<td>6</td>
<td>Estimated number of employees in nonagricultural establishments by industry division</td>
<td>16</td>
</tr>
<tr>
<td>7</td>
<td>Estimated number of employees in nonagricultural establishments, by State, December 1945</td>
<td>17</td>
</tr>
<tr>
<td>8</td>
<td>Employment and pay rolls in regular Federal services and Government Corporations, in selected months</td>
<td>19</td>
</tr>
<tr>
<td>9</td>
<td>Personnel and pay of the military branch of the Federal Government, in selected periods</td>
<td>20</td>
</tr>
<tr>
<td>10</td>
<td>Total employment and pay rolls in United States Navy Yards and Private Shipyards within Continental U. S., by shipbuilding region</td>
<td>21</td>
</tr>
<tr>
<td>11</td>
<td>Estimated employment and pay rolls on construction within Continental United States</td>
<td>22</td>
</tr>
</tbody>
</table>

LS 46-2215

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Federal Reserve Bank of St. Louis
Table 1. - Estimated Number of Production Workers in Manufacturing Industries
(In thousand's)

<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>ALL MANUFACTURING</td>
<td>10,976</td>
<td>9,902</td>
<td>9,966</td>
<td>13,301</td>
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<tr>
<td>DURABLE GOODS</td>
<td>4,366</td>
<td>4,354</td>
<td>4,987</td>
<td>7,921</td>
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<tr>
<td>NONDURABLE GOODS</td>
<td>5,610</td>
<td>5,108</td>
<td>5,029</td>
<td>5,380</td>
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</table>

Durable Goods

IRON AND STEEL AND THEIR PRODUCTS

| Blast furnaces, steel works, and rolling mills | 447.8 | 446.3 | 431.5 | 474.8 |
| Gray-iron and semi-steel castings | 74.3 | 72.3 | 69.7 | 75.7 |
| Malleable-iron castings | 24.5 | 23.0 | 23.1 | 25.9 |
| Steel castings | 52.1 | 51.9 | 51.1 | 52.1 |
| Cast-iron pipe and fittings | 15.4 | 15.1 | 14.5 | 15.8 |
| Tin cans and other tinware | 28.0 | 28.9 | 27.9 | 28.8 |
| Wire drawn from purchased rods | 29.4 | 28.9 | 27.9 | 28.8 |
| Wirework | 34.0 | 33.1 | 30.6 | 34.6 |
| Cutlery and edge tools | 23.5 | 22.1 | 22.3 | 24.3 |
| Tools (except edge tools, machine tools, files, and saws) | 24.2 | 23.2 | 22.3 | 27.6 |
| Hardware | 38.2 | 36.9 | 34.5 | 46.2 |
| Plumbers' supplies | 21.7 | 20.0 | 18.9 | 22.5 |
| Stoves, oil burners, and heating equipment not elsewhere classified | 51.6 | 51.3 | 48.6 | 63.3 |
| Steam and hot-water heating apparatus and steam fittings | 44.0 | 43.9 | 42.2 | 55.6 |
| Stamped and enameled ware and galvanizing | 68.6 | 67.4 | 64.1 | 87.3 |
| Fabricated structural and ornamental metalwork | 44.5 | 43.7 | 42.4 | 73.2 |
| Metal doors, sash, frames, molding, and trim | 7.9 | 7.5 | 7.3 | 10.7 |
| Bolts, nuts, washers, and rivets | 20.9 | 20.8 | 20.2 | 23.9 |
| Forgings, iron and steel | 35.5 | 25.1 | 24.2 | 35.6 |
| Wrought pipe, welded and heavy riveted | 14.1 | 14.2 | 13.7 | 23.8 |
| Screw-machine products and wood screws | 26.8 | 26.1 | 25.3 | 22.7 |
| Steel barrels, kegs, and drums | 6.3 | 6.2 | 5.9 | 8.1 |
| Firearms | 10.9 | 13.3 | 11.7 | 35.0 |

ELECTRICAL MACHINERY

| Electrical equipment | 456 | 465 | 461 | 709 |
| Radios and phonographs | 189.7 | 292.0 | 300.3 | 429.3 |
| Communication equipment | 26.7 | 26.8 | 25.3 | 118.0 |

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<td><strong>MACHINERY, EXCEPT ELECTRICAL</strong></td>
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<tr>
<td>Machinery and machine-shop products</td>
<td>904</td>
<td>878</td>
<td>877</td>
<td>1,182</td>
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<tr>
<td>Engines and turbines</td>
<td>322.7</td>
<td>324.7</td>
<td>325.0</td>
<td>451.8</td>
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<tr>
<td>Tractors</td>
<td>39.0</td>
<td>38.6</td>
<td>42.6</td>
<td>588.1</td>
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<td>Agricultural machinery, excluding tractors</td>
<td>53.0</td>
<td>51.5</td>
<td>50.5</td>
<td>582.2</td>
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<tr>
<td>Machine tools</td>
<td>38.8</td>
<td>40.3</td>
<td>37.6</td>
<td>44.6</td>
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<tr>
<td>Machine-tool accessories</td>
<td>38.6</td>
<td>324.7</td>
<td>325.0</td>
<td>451.8</td>
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<tr>
<td>Textile machinery</td>
<td>46.8</td>
<td>46.2</td>
<td>45.6</td>
<td>650.0</td>
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<tr>
<td>Pumps and pumping equipment</td>
<td>29.0</td>
<td>27.9</td>
<td>26.3</td>
<td>26.7</td>
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<tr>
<td>Typewriters</td>
<td>52.8</td>
<td>52.5</td>
<td>52.2</td>
<td>37.3</td>
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<tr>
<td>Cash registers, adding and calculating machines</td>
<td>14.7</td>
<td>14.3</td>
<td>13.5</td>
<td>12.8</td>
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<tr>
<td>Washing machines, wringers and driers, domestic</td>
<td>29.5</td>
<td>27.4</td>
<td>25.7</td>
<td>30.6</td>
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<tr>
<td>Sewing machines, domestic and industrial</td>
<td>9.9</td>
<td>9.6</td>
<td>8.7</td>
<td>12.0</td>
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<tr>
<td>Refrigerators and refrigeration equipment</td>
<td>8.1</td>
<td>7.9</td>
<td>7.6</td>
<td>11.1</td>
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<td><strong>TRANSPORTATION EQUIPMENT, EXCEPT AUTOMOBILES</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Locomotives</td>
<td>506</td>
<td>519</td>
<td>552</td>
<td>2,117</td>
</tr>
<tr>
<td>Cars, electric- and steam-railroad</td>
<td>23.3</td>
<td>23.3</td>
<td>31.2</td>
<td>33.9</td>
</tr>
<tr>
<td>Aircraft and parts, excluding aircraft engines</td>
<td>47.2</td>
<td>45.7</td>
<td>44.3</td>
<td>57.8</td>
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<tr>
<td>Aircraft engines</td>
<td>119.6</td>
<td>120.7</td>
<td>121.2</td>
<td>639.8</td>
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<td>Shipbuilding and boatbuilding</td>
<td>21.6</td>
<td>21.9</td>
<td>26.7</td>
<td>212.9</td>
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<tr>
<td>Motorcycles, bicycles, and parts</td>
<td>254.5</td>
<td>267.8</td>
<td>266.0</td>
<td>1,020.8</td>
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<tr>
<td><strong>AUTOMOBILES</strong></td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td>Locomotives</td>
<td>395</td>
<td>373</td>
<td>505</td>
<td>693</td>
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<tr>
<td>Cars, electric- and steam-railroad</td>
<td>320</td>
<td>313</td>
<td>307</td>
<td>404</td>
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<tr>
<td>Smelting and refining, primary, of nonferrous metals</td>
<td>35.3</td>
<td>35.2</td>
<td>34.4</td>
<td>39.5</td>
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<tr>
<td>Alloying and rolling and drawing of nonferrous metals except aluminum</td>
<td>55.7</td>
<td>54.6</td>
<td>53.3</td>
<td>70.6</td>
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<td>Clocks and watches</td>
<td>23.7</td>
<td>22.9</td>
<td>21.9</td>
<td>25.7</td>
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<td>Jewelry (precious metals) and jewelers' findings</td>
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<td>15.3</td>
<td>14.9</td>
<td>13.3</td>
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<td>Silverware and plated ware</td>
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<td>11.7</td>
<td>10.8</td>
<td>11.0</td>
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<td>Lighting equipment</td>
<td>17.7</td>
<td>18.5</td>
<td>21.7</td>
<td>26.4</td>
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<td>Aluminum manufactures</td>
<td>42.3</td>
<td>40.7</td>
<td>38.4</td>
<td>66.8</td>
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<tr>
<td>Sheet-metal work, not elsewhere classified</td>
<td>22.5</td>
<td>21.6</td>
<td>21.2</td>
<td>31.8</td>
</tr>
<tr>
<td>---------------------------------------------------------------</td>
<td>-----------</td>
<td>-----------</td>
<td>-----------</td>
<td>-----------</td>
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<tr>
<td><strong>LUMBER AND TIMBER BASIC PRODUCTS</strong></td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>Sawmills and logging camps</td>
<td>199.9</td>
<td>196.3</td>
<td>193.1</td>
<td>218.5</td>
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<tr>
<td>Planing and plywood mills</td>
<td>64.4</td>
<td>62.5</td>
<td>61.0</td>
<td>70.5</td>
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<td><strong>FURNITURE AND FINISHED LUMBER PRODUCTS</strong></td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>Mattresses and bedsprings</td>
<td>332</td>
<td>322</td>
<td>307</td>
<td>339</td>
</tr>
<tr>
<td>Furniture</td>
<td>17.9</td>
<td>17.1</td>
<td>15.3</td>
<td>17.7</td>
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<tr>
<td>Wooden boxes, other than cigar</td>
<td>149.3</td>
<td>143.4</td>
<td>135.9</td>
<td>153.0</td>
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<tr>
<td>Caskets and other mortickers' goods</td>
<td>23.9</td>
<td>23.6</td>
<td>23.6</td>
<td>27.5</td>
</tr>
<tr>
<td>Wood preserving</td>
<td>12.5</td>
<td>12.2</td>
<td>12.0</td>
<td>11.9</td>
</tr>
<tr>
<td>Wood, turned, and shaped</td>
<td>11.5</td>
<td>11.4</td>
<td>10.7</td>
<td>10.0</td>
</tr>
<tr>
<td><strong>STONE, CLAY, AND GLASS PRODUCTS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Glass and glassware</td>
<td>341</td>
<td>326</td>
<td>315</td>
<td>328</td>
</tr>
<tr>
<td>Glass products made from purchased glass</td>
<td>10.9</td>
<td>10.8</td>
<td>10.8</td>
<td>10.7</td>
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<tr>
<td>Cement</td>
<td>21.8</td>
<td>21.2</td>
<td>22.2</td>
<td>16.5</td>
</tr>
<tr>
<td>Brick, tile, and terra cotta</td>
<td>57.0</td>
<td>49.7</td>
<td>46.9</td>
<td>41.3</td>
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<tr>
<td>Pottery and related products</td>
<td>41.6</td>
<td>40.7</td>
<td>39.7</td>
<td>39.5</td>
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<tr>
<td>Gypsum</td>
<td>4.7</td>
<td>4.6</td>
<td>4.6</td>
<td>4.0</td>
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<tr>
<td>Wallboard, plaster (except gypsum), and mineral wool</td>
<td>10.1</td>
<td>9.8</td>
<td>9.5</td>
<td>9.6</td>
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<tr>
<td>Lime</td>
<td>8.2</td>
<td>7.9</td>
<td>7.7</td>
<td>7.6</td>
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<tr>
<td>Marble, granite, slate, and other products</td>
<td>13.9</td>
<td>14.0</td>
<td>13.2</td>
<td>14.0</td>
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<td>Abrasives</td>
<td>16.8</td>
<td>16.3</td>
<td>16.3</td>
<td>21.3</td>
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<td>Asbestos products</td>
<td>16.5</td>
<td>17.2</td>
<td>16.7</td>
<td>20.1</td>
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<td><strong>Nondurable Goods</strong></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TEXTILE-MILL PRODUCTS AND OTHER FIBER MANUFACTURES</strong></td>
<td>1,103</td>
<td>1,090</td>
<td>1,042</td>
<td>1,098</td>
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<tr>
<td>Cotton manufactures, except small wares</td>
<td>428.7</td>
<td>423.8</td>
<td>398.9</td>
<td>432.7</td>
</tr>
<tr>
<td>Cotton small wares</td>
<td>13.5</td>
<td>13.4</td>
<td>13.1</td>
<td>13.5</td>
</tr>
<tr>
<td>Silk and rayon goods</td>
<td>87.5</td>
<td>87.1</td>
<td>84.5</td>
<td>88.8</td>
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<tr>
<td>Woolen and worsted manufactures, except dyeing and finishing</td>
<td>149.1</td>
<td>147.5</td>
<td>143.0</td>
<td>146.6</td>
</tr>
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<td>Hosiery</td>
<td>106.3</td>
<td>104.3</td>
<td>101.7</td>
<td>100.7</td>
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<tr>
<td>Knitted cloth</td>
<td>10.7</td>
<td>10.7</td>
<td>10.4</td>
<td>10.3</td>
</tr>
<tr>
<td>Knitted outerwear and knitted gloves</td>
<td>28.7</td>
<td>28.7</td>
<td>28.3</td>
<td>28.5</td>
</tr>
<tr>
<td>Knitted underwear</td>
<td>33.6</td>
<td>33.7</td>
<td>33.6</td>
<td>34.1</td>
</tr>
<tr>
<td>Dyeing and finishing textiles, including woolen and worsted</td>
<td>60.3</td>
<td>59.1</td>
<td>54.0</td>
<td>59.9</td>
</tr>
<tr>
<td>Carpets and rugs, wool</td>
<td>20.1</td>
<td>19.6</td>
<td>18.4</td>
<td>20.3</td>
</tr>
<tr>
<td>Hats, fur-felt</td>
<td>10.3</td>
<td>10.1</td>
<td>9.8</td>
<td>9.4</td>
</tr>
<tr>
<td>Jute goods, except felts</td>
<td>3.8</td>
<td>3.7</td>
<td>3.6</td>
<td>3.2</td>
</tr>
<tr>
<td>Cordeage and twine</td>
<td>14.7</td>
<td>14.6</td>
<td>14.2</td>
<td>15.1</td>
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Table 1.-Estimated Number of Production Workers in Manufacturing Industries 1/ Cont'd

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<th></th>
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<td><strong>APPAREL AND OTHER FINISHED TEXTILE PRODUCTS.</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Men's clothing, not elsewhere classified</td>
<td>807</td>
<td>787</td>
<td>785</td>
<td>851</td>
</tr>
<tr>
<td>Shirts, collars, and nightwear</td>
<td>180.6</td>
<td>177.4</td>
<td>177.4</td>
<td>201.2</td>
</tr>
<tr>
<td>Underwear and neckwear, men's</td>
<td>50.5</td>
<td>50.7</td>
<td>50.5</td>
<td>49.8</td>
</tr>
<tr>
<td>Work shirts</td>
<td>11.1</td>
<td>11.5</td>
<td>11.4</td>
<td>12.0</td>
</tr>
<tr>
<td>Women's clothing, not elsewhere classified</td>
<td>12.6</td>
<td>13.0</td>
<td>13.1</td>
<td>14.1</td>
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<tr>
<td>Corsets and allied garments</td>
<td>207.5</td>
<td>204.5</td>
<td>208.2</td>
<td>214.6</td>
</tr>
<tr>
<td>Millinery</td>
<td>15.0</td>
<td>14.9</td>
<td>14.9</td>
<td>14.6</td>
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<td>Handkerchiefs</td>
<td>19.6</td>
<td>18.2</td>
<td>17.9</td>
<td>19.4</td>
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<tr>
<td>Curtains, draperies, and bedspreads</td>
<td>2.3</td>
<td>2.4</td>
<td>2.4</td>
<td>2.6</td>
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<td>House furnishing, other than curtains, etc.</td>
<td>9.6</td>
<td>9.1</td>
<td>9.1</td>
<td>11.5</td>
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<td>Textile bags</td>
<td>14.7</td>
<td>14.7</td>
<td>14.7</td>
<td>14.0</td>
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<td><strong>LEATHER AND LEATHER PRODUCTS.</strong></td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td>Leather</td>
<td>351.0</td>
<td>323</td>
<td>314</td>
<td>315</td>
</tr>
<tr>
<td>Boot and shoe cut stock and findings</td>
<td>43.5</td>
<td>42.4</td>
<td>40.7</td>
<td>39.5</td>
</tr>
<tr>
<td>Boots and shoes</td>
<td>17.1</td>
<td>16.8</td>
<td>16.3</td>
<td>16.1</td>
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<tr>
<td>Leather gloves and mittens</td>
<td>62.4</td>
<td>177.8</td>
<td>173.6</td>
<td>173.1</td>
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<tr>
<td>Trunks and suitcases</td>
<td>12.6</td>
<td>12.2</td>
<td>11.8</td>
<td>12.9</td>
</tr>
<tr>
<td><strong>FOOD</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Slaughtering and meat packing</td>
<td>219.8</td>
<td>185.1</td>
<td>182.5</td>
<td>184.7</td>
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<tr>
<td>Butter</td>
<td>21.0</td>
<td>21.7</td>
<td>22.7</td>
<td>20.7</td>
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<tr>
<td>Condensed and evaporated milk</td>
<td>12.6</td>
<td>12.9</td>
<td>13.5</td>
<td>13.1</td>
</tr>
<tr>
<td>Ice cream</td>
<td>15.0</td>
<td>15.2</td>
<td>15.6</td>
<td>13.3</td>
</tr>
<tr>
<td>Flour</td>
<td>31.5</td>
<td>30.9</td>
<td>30.9</td>
<td>29.5</td>
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<td>Foods, prepared</td>
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<td>23.3</td>
<td>23.5</td>
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<td>Cereal preparations</td>
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<td>8.9</td>
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<td>Baking</td>
<td>256.0</td>
<td>257.2</td>
<td>254.3</td>
<td>257.0</td>
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<td>Sugar refining, cane</td>
<td>12.9</td>
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<td>12.3</td>
<td>14.8</td>
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<td>Sugar, beet</td>
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<td>18.0</td>
<td>23.0</td>
<td>5.2</td>
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<td>Confectionery</td>
<td>52.8</td>
<td>55.2</td>
<td>55.3</td>
<td>58.8</td>
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<tr>
<td>Beverages, nonalcoholic</td>
<td>22.8</td>
<td>23.5</td>
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<td>Malt liquors</td>
<td>54.8</td>
<td>53.4</td>
<td>54.2</td>
<td>49.8</td>
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<tr>
<td>Canning and preserving</td>
<td>92.1</td>
<td>102.4</td>
<td>121.7</td>
<td>105.3</td>
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<tr>
<td><strong>TOBACCO MANUFACTURES</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Cigarettes</td>
<td>61</td>
<td>82</td>
<td>83</td>
<td>82</td>
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<tr>
<td>Cigars</td>
<td>32.5</td>
<td>33.0</td>
<td>34.9</td>
<td>35.2</td>
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<tr>
<td>Tobacco (chewing and smoking) and snuff</td>
<td>35.2</td>
<td>35.0</td>
<td>34.5</td>
<td>33.3</td>
</tr>
</tbody>
</table>

1/ Estimated in thousands.
### Table 1.-Estimated Number of Production Workers in Manufacturing Industries (In thousands) 

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
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<tbody>
<tr>
<td><strong>PAPER AND ALLIED PRODUCTS</strong></td>
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<td></td>
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<td></td>
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<tr>
<td>Paper and pulp</td>
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<td>153.1</td>
<td>148.2</td>
<td>147.3</td>
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<td>Paper goods, other</td>
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<td>44.2</td>
<td>43.2</td>
<td>41.8</td>
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<td>Envelopes</td>
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<td>9.6</td>
<td>9.5</td>
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<td>Paper bags</td>
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<td>13.4</td>
<td>13.2</td>
<td>13.1</td>
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<tr>
<td>Paper boxes</td>
<td>82.6</td>
<td>81.6</td>
<td>80.5</td>
<td>77.7</td>
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<td><strong>PRINTING, PUBLISHING, AND ALLIED INDUSTRIES</strong></td>
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<tr>
<td>Newspapers and periodicals</td>
<td>122.3</td>
<td>121.9</td>
<td>119.8</td>
<td>109.6</td>
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<tr>
<td>Printing book and job</td>
<td>143.5</td>
<td>146.0</td>
<td>142.6</td>
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<td>Lithographing</td>
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<td>28.9</td>
<td>28.0</td>
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<td>Bookbinding</td>
<td>29.1</td>
<td>28.7</td>
<td>28.4</td>
<td>27.9</td>
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<tr>
<td><strong>CHEMICALS AND ALLIED PRODUCTS</strong></td>
<td>444</td>
<td>441</td>
<td>444</td>
<td>628</td>
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<td>Paints, varnishes, and colors</td>
<td>33.0</td>
<td>32.3</td>
<td>31.7</td>
<td>29.7</td>
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<td>Drugs, medicines, and insecticides</td>
<td>49.2</td>
<td>48.6</td>
<td>48.0</td>
<td>49.2</td>
</tr>
<tr>
<td>Perfumes and cosmetics</td>
<td>12.0</td>
<td>12.2</td>
<td>12.4</td>
<td>12.2</td>
</tr>
<tr>
<td>Soap</td>
<td>13.6</td>
<td>13.6</td>
<td>13.6</td>
<td>13.4</td>
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<tr>
<td>Rayon and allied products</td>
<td>59.3</td>
<td>57.7</td>
<td>56.9</td>
<td>54.1</td>
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<tr>
<td>Chemicals, not elsewhere classified</td>
<td>114.6</td>
<td>112.8</td>
<td>110.6</td>
<td>115.2</td>
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<tr>
<td>Explosives and safety fuses</td>
<td>17.3</td>
<td>21.5</td>
<td>26.2</td>
<td>95.1</td>
</tr>
<tr>
<td>Compressed and liquefied gases</td>
<td>5.6</td>
<td>5.5</td>
<td>5.5</td>
<td>5.9</td>
</tr>
<tr>
<td>Ammunition, small-arms</td>
<td>9.6</td>
<td>9.9</td>
<td>11.3</td>
<td>61.0</td>
</tr>
<tr>
<td>Fireworks</td>
<td>2.0</td>
<td>2.2</td>
<td>3.1</td>
<td>25.9</td>
</tr>
<tr>
<td>Cottonseed oil</td>
<td>17.7</td>
<td>19.4</td>
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<td>19.8</td>
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<tr>
<td>Fertilizers</td>
<td>24.4</td>
<td>22.2</td>
<td>20.8</td>
<td>23.1</td>
</tr>
<tr>
<td><strong>PRODUCTS OF PETROLEUM AND COAL</strong></td>
<td>141</td>
<td>139</td>
<td>138</td>
<td>133</td>
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<tr>
<td>Petroleum refining</td>
<td>96.1</td>
<td>95.1</td>
<td>95.1</td>
<td>91.4</td>
</tr>
<tr>
<td>Coke and by-products</td>
<td>23.7</td>
<td>23.0</td>
<td>22.4</td>
<td>22.2</td>
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<tr>
<td>Paving materials</td>
<td>1.4</td>
<td>1.6</td>
<td>1.8</td>
<td>1.4</td>
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<td>Roofing materials</td>
<td>10.4</td>
<td>10.1</td>
<td>9.8</td>
<td>9.5</td>
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<tr>
<td><strong>RUBBER PRODUCTS</strong></td>
<td>192</td>
<td>189</td>
<td>181</td>
<td>199</td>
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<tr>
<td>Rubber tires and inner tubes</td>
<td>98.8</td>
<td>96.2</td>
<td>91.4</td>
<td>96.7</td>
</tr>
<tr>
<td>Rubber boots and shoes</td>
<td>16.3</td>
<td>15.9</td>
<td>15.4</td>
<td>17.9</td>
</tr>
<tr>
<td>Rubber goods, other</td>
<td>65.7</td>
<td>64.4</td>
<td>61.6</td>
<td>71.5</td>
</tr>
<tr>
<td><strong>MISCELLANEOUS INDUSTRIES</strong></td>
<td>342</td>
<td>337</td>
<td>326</td>
<td>411</td>
</tr>
<tr>
<td>Instruments (professional and scientific), and fire control equipment</td>
<td>27.1</td>
<td>22.4</td>
<td>22.4</td>
<td>58.8</td>
</tr>
<tr>
<td>Photographic apparatus</td>
<td>22.0</td>
<td>22.4</td>
<td>21.5</td>
<td>28.0</td>
</tr>
<tr>
<td>Optical instruments and ophthalmic goods</td>
<td>20.2</td>
<td>18.9</td>
<td>19.4</td>
<td>25.6</td>
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<tr>
<td>Pianos, organs, and parts</td>
<td>6.8</td>
<td>6.1</td>
<td>5.8</td>
<td>7.3</td>
</tr>
<tr>
<td>Games, toys, and dolls</td>
<td>17.6</td>
<td>17.5</td>
<td>15.9</td>
<td>16.5</td>
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<tr>
<td>Buttons</td>
<td>9.6</td>
<td>9.4</td>
<td>9.2</td>
<td>9.2</td>
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<tr>
<td>Fire extinguishers</td>
<td>2.3</td>
<td>2.4</td>
<td>2.3</td>
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</table>
Estimates for the major industry groups have been adjusted to levels indicated by the final 1943 data made available by the Bureau of Employment Security of the Federal Security Agency and should not be compared with the manufacturing employment estimates of production workers plus salaried employees appearing in Table 6. Estimates for individual industries have been adjusted to levels indicated by the 1939 Census of Manufactures, but not to Federal Security Agency data. For this reason, together with the fact that this Bureau has not prepared estimates for certain industries, the sum of the individual industry estimates will not agree with totals shown for the major industry groups.

Revisions have been made as follows in the data for earlier months:

- **Forgings, iron and steel** - October 1945 production workers to 24.3.
- **Mattresses and bedsprings** - October 1945 production workers to 14.3.
- **Explosives and safety fuses** - October 1945 production workers to 29.5.

---

Table 1.-Estimated Number of Production Workers in Manufacturing Industries 1/Cont’d
### Table 2. Indexes of Production Worker Employment and Pay Rolls in Manufacturing Industries \(^1\)

*(1939 Average = 100)*

<table>
<thead>
<tr>
<th>Industry Group or Industry</th>
<th>Employment Indexes</th>
<th>Pay-Roll Indexes</th>
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<tbody>
<tr>
<td>ALL MANUFACTURING</td>
<td>123.0</td>
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<tr>
<td>DURABLE GOODS</td>
<td>136.2</td>
<td>134.4</td>
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<tr>
<td>NONDURABLE GOODS</td>
<td>112.2</td>
<td>111.5</td>
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</table>

#### Durable Goods

<table>
<thead>
<tr>
<th>Industry Group or Industry</th>
<th>Employment Indexes</th>
<th>Pay-Roll Indexes</th>
</tr>
</thead>
<tbody>
<tr>
<td>IRON-AND STEEL AND THEIR PRODUCTS</td>
<td>127.7</td>
<td>126.4</td>
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<tr>
<td>Blast furnaces, steel works, and rolling mills</td>
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<td></td>
</tr>
<tr>
<td>Gray-iron and semi-steel castings</td>
<td>115.3</td>
<td>112.9</td>
</tr>
<tr>
<td>Malleable-iron castings</td>
<td>127.2</td>
<td>123.7</td>
</tr>
<tr>
<td>Steel castings</td>
<td>135.7</td>
<td>127.8</td>
</tr>
<tr>
<td>Cast-iron pipe and fittings</td>
<td>173.1</td>
<td>172.3</td>
</tr>
<tr>
<td>Tin cans and other tinware</td>
<td>129.7</td>
<td>116.3</td>
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<tr>
<td>Wire drawn from purchased rods</td>
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<td>131.7</td>
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<td>Wirework</td>
<td>111.1</td>
<td>106.3</td>
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<tr>
<td>Cutlery and edge tools</td>
<td>182.2</td>
<td>179.7</td>
</tr>
<tr>
<td>Tools (except edge tools, machine tools, files, and saws)</td>
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<td></td>
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<tr>
<td>Hardware</td>
<td>158.3</td>
<td>151.5</td>
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<td>Plumbers' supplies</td>
<td>107.0</td>
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<td>Stoves, oil burners, and heating equipment not elsewhere classified</td>
<td>88.0</td>
<td>81.1</td>
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<tr>
<td>Steam and hot-water heating apparatus and steam fittings</td>
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<td>145.0</td>
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<tr>
<td>Stamped and enamelled ware and galvanizing</td>
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<td>121.3</td>
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<tr>
<td>Fabricated structural and ornamental metalwork</td>
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<td>123.1</td>
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<td>Metal doors, casings, frames, molding, and trim</td>
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<tr>
<td>Bolts, nuts, washers, and rivets</td>
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<td>146.2</td>
</tr>
<tr>
<td>Forgings, iron and steel</td>
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<td>165.5</td>
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<tr>
<td>wrought pipe, welded and heavy riveted</td>
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<td>169.5</td>
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<tr>
<td>Screw-machine products and wood screws</td>
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<td>156.0</td>
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<tr>
<td>Steel barrels, bogs, and drums</td>
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<td>163.2</td>
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<tr>
<td>Firearms</td>
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#### ELECTRICAL MACHINERY

<table>
<thead>
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<th>Industry Group or Industry</th>
<th>Employment Indexes</th>
<th>Pay-Roll Indexes</th>
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<tbody>
<tr>
<td>ELECTRICAL MACHINERY</td>
<td>175.0</td>
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<td>Electrical equipment</td>
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<td>Radios and phonographs</td>
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<td>Communication equipment</td>
<td>196.1</td>
<td>227.9</td>
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<tr>
<td>Industry Group or Industry</td>
<td>Employment Indexes</td>
<td>Pay-Roll Indexes</td>
</tr>
<tr>
<td>--------------------------------------------------------------------------------------------</td>
<td>--------------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>MACHINERY, EXCEPT ELECTRICAL</td>
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<td></td>
</tr>
<tr>
<td>Machinery and machine-shop products</td>
<td>171.0 166.2 165.9 223.2</td>
<td>294.6 277.4 272.5 428.9</td>
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<tr>
<td>Engines and turbines</td>
<td>164.9 166.0 160.7 223.6</td>
<td>272.0 265.4 263.4 421.3</td>
</tr>
<tr>
<td>Tractors</td>
<td>209.1 206.9 223.6 336.0</td>
<td>322.8 366.7 356.7 790.2</td>
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<td>Agricultural machinery, excluding tractors</td>
<td>168.5 184.6 161.3 186.2</td>
<td>244.7 235.3 228.6 295.0</td>
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<tr>
<td>Machine tools</td>
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<td></td>
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<tr>
<td>Machine tools</td>
<td>180.1 184.8 182.9 225.3</td>
<td>284.1 279.9 265.9 459.3</td>
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<td>Textile machinery</td>
<td>122.6 127.5 120.2 122.0</td>
<td>247.5 241.2 218.9 235.1</td>
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<tr>
<td>Pumps and pumping equipment</td>
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<td></td>
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<tr>
<td>Pumps and pumping equipment</td>
<td>217.9 216.8 215.3 304.5</td>
<td>321.4 406.3 324.8 428.7</td>
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<td>Typewriters</td>
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<td>106.2 133.9 150.8 162.0</td>
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<td>Cash registers, adding and calculating machines</td>
<td>169.3 139.3 180.5 155.3</td>
<td>262.0 239.2 231.3 306.1</td>
</tr>
<tr>
<td>Washing machines, wringers and driers, domestic</td>
<td>158.1 128.2 119.9 180.9</td>
<td>213.1 207.1 186.4 290.7</td>
</tr>
<tr>
<td>Sewing machines, domestic and industrial</td>
<td>102.5 190.3 27.0 141.1</td>
<td>185.5 180.6 186.4 302.0</td>
</tr>
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<td>Refrigerators and refrigeration equipment</td>
<td>103.3 98.2 111.3 147.3</td>
<td>151.7 144.6 175.3 271.1</td>
</tr>
<tr>
<td>TRANSPORTATION EQUIPMENT, EXCEPT AUTOMOBILES</td>
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<td></td>
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<td>Locomotives</td>
<td>375.5 372.1 347.6 335.9</td>
<td>548.3 562.2 561.7 2201.4</td>
</tr>
<tr>
<td>Cars, electric- and steam-railroad</td>
<td>182.3 186.2 182.8 235.3</td>
<td>322.7 314.6 302.5 485.9</td>
</tr>
<tr>
<td>Aircraft and parts, excluding aircraft engines</td>
<td>301.3 326.1 360.5 2212.7</td>
<td>415.7 520.4 505.6 3257.1</td>
</tr>
<tr>
<td>Aircraft engines</td>
<td>232.5 236.2 300.3 2295.3</td>
<td>359.9 346.3 399.7 4334.0</td>
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<tr>
<td>Shipbuilding and boatbuilding</td>
<td>387.6 328.3 412.0 2172.5</td>
<td>722.3 688.4 537.9 2315.8</td>
</tr>
<tr>
<td>Motorcycles, bicycles, and parts</td>
<td>122.0 115.3 112.0 135.8</td>
<td>126.4 135.6 126.1 235.8</td>
</tr>
<tr>
<td>AUTOMOBILES</td>
<td>98.1 92.6 125.8 172.3</td>
<td>140.1 150.0 174.9 324.8</td>
</tr>
<tr>
<td>NONFERROUS METALS AND THEIR PRODUCTS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Smelting and refining, primary, of nonferrous metals</td>
<td>189.3 138.0 134.1 176.3</td>
<td>224.5 210.7 234.3 343.0</td>
</tr>
<tr>
<td>Alloying and rolling and drawing of nonferrous metals, except aluminum</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clocks and watches</td>
<td>116.1 112.8 103.1 126.5</td>
<td>219.3 211.0 189.5 272.5</td>
</tr>
<tr>
<td>Jewelry (precious metals) and jewelers' findings</td>
<td>100.5 106.3 102.3 96.7</td>
<td>230.1 262.4 124.7 180.6</td>
</tr>
<tr>
<td>Silverware and plated ware</td>
<td>99.7 93.0 93.2 90.3</td>
<td>196.2 134.3 173.8 135.0</td>
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<td>Lighting equipment</td>
<td>68.3 90.1 105.2 122.7</td>
<td>190.6 138.6 175.8 238.1</td>
</tr>
<tr>
<td>Aluminum manufactures</td>
<td>170.7 172.8 132.9 283.9</td>
<td>270.9 265.7 255.9 528.6</td>
</tr>
<tr>
<td>Sheet-metal work, not elsewhere classified</td>
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**Table 2. - Indexes of Production Worker Employment and Pay Rolls in Manufacturing Industries**

Continued.
<table>
<thead>
<tr>
<th>Industry Group or Industry</th>
<th>Employment Indexes</th>
<th>Pay-Roll Indexes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lumber and timber, basic products</td>
<td>100.6</td>
<td>98.6</td>
</tr>
<tr>
<td>Sawmills and logging camps</td>
<td>69.4</td>
<td>66.1</td>
</tr>
<tr>
<td>Planing and plywood mills</td>
<td>86.7</td>
<td>86.1</td>
</tr>
<tr>
<td>Furniture and finished lumber products</td>
<td>101.2</td>
<td>98.1</td>
</tr>
<tr>
<td>Mattresses and bedsprings</td>
<td>97.7</td>
<td>93.4</td>
</tr>
<tr>
<td>Furniture</td>
<td>93.8</td>
<td>90.1</td>
</tr>
<tr>
<td>Wooden boxes, other than cigar</td>
<td>91.2</td>
<td>93.2</td>
</tr>
<tr>
<td>Caskets and other morticians' goods</td>
<td>100.6</td>
<td>97.5</td>
</tr>
<tr>
<td>Wood preserving</td>
<td>96.9</td>
<td>96.6</td>
</tr>
<tr>
<td>Stone, clay, and glass products</td>
<td>116.1</td>
<td>111.0</td>
</tr>
<tr>
<td>Glass and glassware</td>
<td>125.0</td>
<td>112.9</td>
</tr>
<tr>
<td>Glass products made from purchased glass</td>
<td>108.9</td>
<td>109.0</td>
</tr>
<tr>
<td>Cement</td>
<td>81.6</td>
<td>85.0</td>
</tr>
<tr>
<td>Brick, tile, and terra cotta</td>
<td>91.5</td>
<td>87.5</td>
</tr>
<tr>
<td>Pottery and related products</td>
<td>126.5</td>
<td>123.0</td>
</tr>
<tr>
<td>Gypsum</td>
<td>96.0</td>
<td>82.9</td>
</tr>
<tr>
<td>Wallboard, plaster (except gypsum), and mineral wool</td>
<td>124.1</td>
<td>121.1</td>
</tr>
<tr>
<td>Lime</td>
<td>96.2</td>
<td>93.7</td>
</tr>
<tr>
<td>Marble, granite, slate, and other products</td>
<td>75.0</td>
<td>75.4</td>
</tr>
<tr>
<td>Abrasives</td>
<td>217.0</td>
<td>211.2</td>
</tr>
<tr>
<td>Asbestos products</td>
<td>103.0</td>
<td>108.1</td>
</tr>
</tbody>
</table>

### Nonmetallic Goods

<table>
<thead>
<tr>
<th>Industry Group or Industry</th>
<th>Employment Indexes</th>
<th>Pay-Roll Indexes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Textile-mill products and other</td>
<td>96.2</td>
<td>95.3</td>
</tr>
<tr>
<td>Cellulose manufactures, except paper</td>
<td>108.3</td>
<td>107.0</td>
</tr>
<tr>
<td>Cotton small wares</td>
<td>101.6</td>
<td>100.3</td>
</tr>
<tr>
<td>Silk and rayon goods</td>
<td>75.1</td>
<td>72.7</td>
</tr>
<tr>
<td>Woolen and worsted manufactures, except dyeing and finishing</td>
<td>88.3</td>
<td>88.8</td>
</tr>
<tr>
<td>Hosiery</td>
<td>69.6</td>
<td>69.6</td>
</tr>
<tr>
<td>Knitted cloth</td>
<td>92.0</td>
<td>97.8</td>
</tr>
<tr>
<td>Knitted outerwear and knitted gloves</td>
<td>102.1</td>
<td>101.9</td>
</tr>
<tr>
<td>Knitted underwear</td>
<td>97.3</td>
<td>97.3</td>
</tr>
<tr>
<td>Dyeing and finishing textiles, including woolen and worsted</td>
<td>90.2</td>
<td>88.3</td>
</tr>
<tr>
<td>Carpets and rugs, wool</td>
<td>76.7</td>
<td>76.3</td>
</tr>
<tr>
<td>Hats, fur-felt</td>
<td>70.7</td>
<td>89.7</td>
</tr>
<tr>
<td>Jute goods, except felts</td>
<td>105.0</td>
<td>105.7</td>
</tr>
<tr>
<td>Cordage and twine</td>
<td>121.1</td>
<td>120.3</td>
</tr>
</tbody>
</table>

*Table 2. - Indexes of Production Worker Employment and Pay Rolls in Manufacturing Industries 1/ - Continued*
<table>
<thead>
<tr>
<th>Industry Group or Industry</th>
<th>Employment Indexes</th>
<th>Pay-Roll Indexes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1946</td>
<td>1945</td>
</tr>
<tr>
<td><strong>APPROXIMATE TEXTILES</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>108.2</td>
<td>101.9</td>
</tr>
<tr>
<td>Men's clothing, not otherwise classified</td>
<td>62.6</td>
<td>61.1</td>
</tr>
<tr>
<td>Shirts, collars, and nightwear</td>
<td>71.7</td>
<td>71.0</td>
</tr>
<tr>
<td>Underwear and nightwear, men's</td>
<td>66.2</td>
<td>71.8</td>
</tr>
<tr>
<td>Work shirts</td>
<td>95.9</td>
<td>96.5</td>
</tr>
<tr>
<td>Women's clothing, not elsewhere classified</td>
<td>76.7</td>
<td>76.5</td>
</tr>
<tr>
<td>Corsets and allied garments</td>
<td>75.9</td>
<td>73.4</td>
</tr>
<tr>
<td>Millinery</td>
<td>80.7</td>
<td>74.5</td>
</tr>
<tr>
<td>Handkerchiefs</td>
<td>171.1</td>
<td>153.1</td>
</tr>
<tr>
<td>Curtains, draperies, and bedspreads</td>
<td>67.3</td>
<td>69.1</td>
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<tr>
<td>House furnishings, other than curtains, etc.</td>
<td>56.6</td>
<td>39.5</td>
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<tr>
<td>Textile bags</td>
<td>122.3</td>
<td>122.3</td>
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<tr>
<td><strong>LEATHER AND LEATHER PRODUCTS</strong></td>
<td>84.8</td>
<td>82.1</td>
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<tr>
<td>Leather</td>
<td>82.8</td>
<td>65.7</td>
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<tr>
<td>Boot and shoe cut stock and findings</td>
<td>80.6</td>
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<tr>
<td>Boots and shoes</td>
<td>58.7</td>
<td>61.6</td>
</tr>
<tr>
<td>Leather gloves and mittens</td>
<td>111.5</td>
<td>113.9</td>
</tr>
<tr>
<td>Trunks and suitcases</td>
<td>158.8</td>
<td>144.1</td>
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<tr>
<td><strong>FOOD</strong></td>
<td>137.1</td>
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<td>Slaughtering and meat packing</td>
<td>124.2</td>
<td>120.2</td>
</tr>
<tr>
<td>Butter</td>
<td>117.9</td>
<td>121.1</td>
</tr>
<tr>
<td>Condensed and evaporated milk</td>
<td>150.2</td>
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<tr>
<td>Ice cream</td>
<td>86.4</td>
<td>67.7</td>
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<tr>
<td>Flour</td>
<td>127.9</td>
<td>124.9</td>
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<tr>
<td>Feeds, prepared</td>
<td>154.7</td>
<td>151.3</td>
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<tr>
<td>Cereal preparations</td>
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<tr>
<td>Baking</td>
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<td>106.7</td>
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<tr>
<td>Sugar-refining, cane</td>
<td>90.6</td>
<td>91.1</td>
</tr>
<tr>
<td>Sugar, beet</td>
<td>87.3</td>
<td>70.3</td>
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<tr>
<td>Confectionery</td>
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<td>110.3</td>
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<tr>
<td>Beverages, nonalcoholic</td>
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<td>Milk liquors</td>
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<td>100.0</td>
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<td>Canning and preserving</td>
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<td>78.3</td>
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<td><strong>TOBACCO MANUFACTURES</strong></td>
<td>83.0</td>
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<tr>
<td>Cigarettes</td>
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<td>Cigars</td>
<td>63.2</td>
<td>66.6</td>
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<tr>
<td>Tobacco (chewing and smoking) and snuff</td>
<td>87.7</td>
<td>92.3</td>
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<tr>
<td>Industry Group or Industry</td>
<td>Employment Indexes</td>
<td>Pay-Roll Indexes</td>
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<tr>
<td>---------------------------</td>
<td>--------------------</td>
<td>-----------------</td>
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<tr>
<td>PAPER AND ALLIED PRODUCTS</td>
<td></td>
<td></td>
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<tr>
<td>Paper and pulp</td>
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<td>Paper goods, other</td>
<td></td>
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<tr>
<td>Envelopes</td>
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<tr>
<td>Paper bags</td>
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<tr>
<td>Paper boxes</td>
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<td></td>
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<td>PRINTING, PUBLISHING, AND ALLIED INDUSTRIES</td>
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<tr>
<td>Newspapers and periodicals</td>
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<tr>
<td>Printing, book and job</td>
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<td>Lithography</td>
<td></td>
<td></td>
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<tr>
<td>Bookbinding</td>
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<td></td>
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<tr>
<td>CHEMICALS AND ALLIED PRODUCTS</td>
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<tr>
<td>Paints, varnishes, and colors</td>
<td></td>
<td></td>
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<tr>
<td>Drugs, medicines, and insecticides</td>
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<td></td>
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<tr>
<td>Perfumes and cosmetics</td>
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</tr>
<tr>
<td>Soap</td>
<td></td>
<td></td>
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<tr>
<td>Rayon and allied products</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemicals, not elsewhere classified</td>
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<td></td>
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<tr>
<td>Explosives and safety fuses</td>
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<td></td>
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<tr>
<td>Compressed and liquefied gases</td>
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<td></td>
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<td>Ammunition, small-arms</td>
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<tr>
<td>Fireworks</td>
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<tr>
<td>Cottonseed oil</td>
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<td>Fertilizers</td>
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<td>PRODUCTS OF PETROLEUM AND COAL</td>
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<td>Coke and by-products</td>
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<td></td>
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<td>Fuming materials</td>
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<td>Roofing materials</td>
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<tr>
<td>RUBBER PRODUCTS</td>
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<td>Rubber tires and inner tubes</td>
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<td></td>
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<tr>
<td>Rubber hoses and shoes</td>
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<td>Rubber goods, other, 2/</td>
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<td>MISCELLANEOUS INDUSTRIES</td>
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<tr>
<td>Instruments (professional and scientific), and fire control equipment</td>
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<td></td>
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<tr>
<td>Photographic apparatus</td>
<td></td>
<td></td>
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<tr>
<td>Optical instruments and ophthalmic goods</td>
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<td></td>
</tr>
<tr>
<td>Pianos, organs, and parts</td>
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<td></td>
</tr>
<tr>
<td>Games, toys, and dolls</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Buttons</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fire extinguishers</td>
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</tbody>
</table>

Table 2. - Indexes of Production Worker Employment and Pay Rolls in Manufacturing Industries 1/ - Continued
Table 2. - Indexes of Production Worker Employment and Pay Rolls in Manufacturing Industries \(1/\) - Continued

1/ Indexes for the major industry groups have been adjusted to levels indicated by the final 1943 data made available by the Bureau of Employment Security of the Federal Security Agency.

2/ Revisions have been made as follows in the indexes for earlier months:

- **Wirework** - September and October 1945 pay-roll indexes to 167.6 and 173.1.
- **Forgings, iron and steel** - October 1945 employment index to 156.3; pay-roll index to 271.1.
- **Mattresses and boudoirs** - August and October pay-roll indexes to 153.4 and 130.0 respectively; October 1945 employment index to 77.6.
- **Wood, turned and shaped** - October 1945 pay-roll index to 161.4.
- **Textile bags** - September and October 1945 pay-roll indexes to 205.7 and 205.4.
- **Rubber goods, other** - October 1945 pay-roll index to 204.3.
- **Explosives and safety fuses** - October 1945 employment index to 403.2; pay-roll index to 626.2.
Table 3. - Indexes of Employment and Pay Rolls in
Selected Manufacturing Industries
(1933 Average = 100)

<table>
<thead>
<tr>
<th>Industry Group or Industry</th>
<th>Employment Indexes</th>
<th>Pay-roll Indexes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mining:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Anthracite</td>
<td>79.6</td>
<td>79.0</td>
</tr>
<tr>
<td>Bituminous coal</td>
<td>90.8</td>
<td>83.4</td>
</tr>
<tr>
<td>Total:</td>
<td>75.7</td>
<td>75.2</td>
</tr>
<tr>
<td>Iron</td>
<td>114.6</td>
<td>117.6</td>
</tr>
<tr>
<td>Copper</td>
<td>86.2</td>
<td>82.5</td>
</tr>
<tr>
<td>Lead and zinc</td>
<td>98.0</td>
<td>92.5</td>
</tr>
<tr>
<td>Gold and silver</td>
<td>88.6</td>
<td>85.2</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>56.9</td>
<td>56.5</td>
</tr>
<tr>
<td>Quarrying and nonmetallic</td>
<td>32.1</td>
<td>32.6</td>
</tr>
<tr>
<td>Crude petroleum production, 1/</td>
<td>90.0</td>
<td>85.1</td>
</tr>
<tr>
<td>Public utilities:</td>
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<td></td>
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<tr>
<td>Telephone</td>
<td>1.9</td>
<td>1.7</td>
</tr>
<tr>
<td>Telegraph</td>
<td>4.3</td>
<td>4.3</td>
</tr>
<tr>
<td>Electric light and power</td>
<td>72.9</td>
<td>72.7</td>
</tr>
<tr>
<td>Street railways and buses</td>
<td>132.7</td>
<td>132.7</td>
</tr>
<tr>
<td>Wholesale trade</td>
<td>106.1</td>
<td>101.4</td>
</tr>
<tr>
<td>Retail trade:</td>
<td>124.1</td>
<td>116.4</td>
</tr>
<tr>
<td>Food</td>
<td>106.6</td>
<td>106.0</td>
</tr>
<tr>
<td>General merchandise</td>
<td>116.3</td>
<td>116.3</td>
</tr>
<tr>
<td>Apparel</td>
<td>106.0</td>
<td>106.1</td>
</tr>
<tr>
<td>Furniture and house furnishings</td>
<td>70.3</td>
<td>70.0</td>
</tr>
<tr>
<td>Automotive</td>
<td>35.3</td>
<td>35.3</td>
</tr>
<tr>
<td>Lumber and building materials</td>
<td>101.3</td>
<td>101.3</td>
</tr>
<tr>
<td>Hotels (year-round), 2/</td>
<td>117.0</td>
<td>117.0</td>
</tr>
<tr>
<td>Power laundries</td>
<td>108.0</td>
<td>108.0</td>
</tr>
<tr>
<td>Cleaning and dyeing</td>
<td>120.3</td>
<td>119.0</td>
</tr>
<tr>
<td>Class I steam railroads, 3/</td>
<td>111.0</td>
<td>112.0</td>
</tr>
<tr>
<td>Water transportation 5/</td>
<td>314.2</td>
<td>314.7</td>
</tr>
</tbody>
</table>

1/ Does not include well drilling or rig building.

2/ Cash payments only; additional value of board, room, and tips, not included.


4/ Not available.

5/ Based on estimates prepared by the U. S. Maritime Commission covering employment on active deep-sea American-flag steam and motor merchant vessels of 1,000 gross tons and over. Includes vessels under bareboat charter to, or owned by the Army or Navy.
Table 4. - Estimated Number of Production Workers in Selected Nonmanufacturing Industries - (In thousands)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Mining:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Anthracite</td>
<td>65.7</td>
<td>65.1</td>
<td>64.8</td>
<td>65.4</td>
</tr>
<tr>
<td>Bituminous coal</td>
<td>336.4</td>
<td>332.1</td>
<td>327</td>
<td>336.8</td>
</tr>
<tr>
<td>Metall:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Iron</td>
<td>67.7</td>
<td>66.3</td>
<td>64.6</td>
<td>69.2</td>
</tr>
<tr>
<td>Copper</td>
<td>23.1</td>
<td>23.7</td>
<td>23.7</td>
<td>23.5</td>
</tr>
<tr>
<td>Lead and zinc</td>
<td>20.5</td>
<td>19.7</td>
<td>19.0</td>
<td>22.3</td>
</tr>
<tr>
<td>Gold and silver</td>
<td>6.9</td>
<td>6.5</td>
<td>6.0</td>
<td>5.5</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>2.3</td>
<td>2.2</td>
<td>2.2</td>
<td>2.9</td>
</tr>
<tr>
<td>Telephone</td>
<td>465</td>
<td>454</td>
<td>443</td>
<td>401</td>
</tr>
<tr>
<td>Telegraph</td>
<td>*</td>
<td>47.6</td>
<td>47.0</td>
<td>45.2</td>
</tr>
<tr>
<td>Electric light and power</td>
<td>427</td>
<td>222</td>
<td>215</td>
<td>200</td>
</tr>
<tr>
<td>Street railways and buses</td>
<td>210.3</td>
<td>238.6</td>
<td>286</td>
<td>227</td>
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<tr>
<td>Hotels (year-round)</td>
<td>378.2</td>
<td>379.3</td>
<td>376.6</td>
<td>355.6</td>
</tr>
<tr>
<td>Power laundries</td>
<td>3/3</td>
<td>3/3</td>
<td>3/3</td>
<td>3/3</td>
</tr>
<tr>
<td>Cleaning and dyeing</td>
<td>3/3</td>
<td>3/3</td>
<td>3/3</td>
<td>3/3</td>
</tr>
<tr>
<td>Class I steam railroads</td>
<td>1,293.6</td>
<td>1,398</td>
<td>1,106</td>
<td>1,592</td>
</tr>
<tr>
<td>Water transportation</td>
<td>105.0</td>
<td>106.0</td>
<td>105.0</td>
<td>103.0</td>
</tr>
</tbody>
</table>

* Not available.
/ Data include salaried personnel.
\ excluses messengers, and approximately 6,000 employees of general and divisional headquarters, and of cable companies. Data include salaried personnel.
/ The change in definition from "wage earners" to "production worker" in the power laundries and cleaning and dyeing industries results in the omission of driver-salesmen. This causes a significant difference in the data. New series are being prepared.
/ Source: Interstate Commerce Commission. Data include salaried personnel.
/ Based on estimates prepared by the U. S. Maritime Commission covering employment on active deep-sea American-flag steam and motor merchant vessels of 1,000 gross tons and over. Excludes vessels under bareboat charter to, or owned by the Army or Navy.

Table 5. - Percentage Changes in Employment and Pay Rolls in Selected Nonmanufacturing Industries, January 1946

<table>
<thead>
<tr>
<th>Industry</th>
<th>Employment</th>
<th>Pay Roll</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Percentage change from</td>
<td>Percentage change from</td>
</tr>
<tr>
<td>Wholesale trade:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Food products</td>
<td>+ 2.3</td>
<td>+11.3</td>
</tr>
<tr>
<td>Groceries and food specialties</td>
<td>- .5</td>
<td>+ 6.5</td>
</tr>
<tr>
<td>Dry goods and apparel</td>
<td>+ 1.3</td>
<td>+ 5.1</td>
</tr>
<tr>
<td>Machinery, equipment and supplies</td>
<td>+ 1.9</td>
<td>+ 2.1</td>
</tr>
<tr>
<td>Farm products</td>
<td>+ 1.3</td>
<td>+38.4</td>
</tr>
<tr>
<td>Petroleum and petroleum products</td>
<td>+ .2</td>
<td>+12.0</td>
</tr>
<tr>
<td>(incl. bulk tank stations)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Automotive</td>
<td>+ 2.0</td>
<td>+23.0</td>
</tr>
<tr>
<td>Brokerage</td>
<td>+ 3.1</td>
<td>+23.2</td>
</tr>
<tr>
<td>Insurance</td>
<td>+ 1.7</td>
<td>+ 7.2</td>
</tr>
</tbody>
</table>
### Table 6. - Estimated Number of Employees in Nonagricultural Establishments by Industry Division

(In thousands)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Total 1/</td>
<td>35,639</td>
<td>36,319</td>
<td>35,639</td>
<td>37,952</td>
</tr>
<tr>
<td>Manufacturing 2/</td>
<td>12,048</td>
<td>11,914</td>
<td>11,970</td>
<td>15,555</td>
</tr>
<tr>
<td>Mining</td>
<td>811</td>
<td>.802</td>
<td>793</td>
<td>801</td>
</tr>
<tr>
<td>Contract Construction and Federal force account construction</td>
<td>1,120</td>
<td>1,042</td>
<td>1,014</td>
<td>582</td>
</tr>
<tr>
<td>Transportation and public utilities</td>
<td>3,881</td>
<td>3,896</td>
<td>3,871</td>
<td>3,740</td>
</tr>
<tr>
<td>Trade</td>
<td>7,512</td>
<td>7,960</td>
<td>7,571</td>
<td>7,030</td>
</tr>
<tr>
<td>Finance, service, and miscellaneous</td>
<td>4,964</td>
<td>4,936</td>
<td>4,845</td>
<td>4,350</td>
</tr>
<tr>
<td>Federal, State and local government, excluding Federal force account construction</td>
<td>5,473</td>
<td>5,769</td>
<td>5,575</td>
<td>5,396</td>
</tr>
</tbody>
</table>

1/ Estimates include all full-and part-time wage and salary workers in nonagricultural establishments who are employed during the pay period ending nearest the 15th of the month. Proprietors, self-employed persons, domestic servants, and personnel of the armed forces are excluded.

2/ Estimates for manufacturing have been adjusted to levels indicated by final 1942 data made available by the Bureau of Employment Security of the Federal Security Agency. Since the estimated number of production workers in manufacturing industries have been further adjusted to final 1943 data, subsequent to December 1942, the two sets of estimates are not comparable.
Table 7. - Estimated Number of Employees in Nonagricultural Establishments, by State (In thousands)

<table>
<thead>
<tr>
<th>Region and State</th>
<th>All industry divisions</th>
<th>Manufacturing</th>
</tr>
</thead>
<tbody>
<tr>
<td>New England</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maine</td>
<td>2,644</td>
<td>2,705</td>
</tr>
<tr>
<td>New Hampshire</td>
<td>226</td>
<td>212</td>
</tr>
<tr>
<td>Vermont</td>
<td>137</td>
<td>128</td>
</tr>
<tr>
<td>Massachusetts</td>
<td>85.2</td>
<td>81.2</td>
</tr>
<tr>
<td>Rhode Island</td>
<td>1,505</td>
<td>1,444</td>
</tr>
<tr>
<td>Connecticut</td>
<td>13</td>
<td>601</td>
</tr>
<tr>
<td>Middle Atlantic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>New York</td>
<td>9,621</td>
<td>9,413</td>
</tr>
<tr>
<td>New Jersey</td>
<td>4,324</td>
<td>4,293</td>
</tr>
<tr>
<td>Pennsylvania</td>
<td>2,926</td>
<td>2,952</td>
</tr>
<tr>
<td>East North Central</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ohio</td>
<td>7,637</td>
<td>7,751</td>
</tr>
<tr>
<td>Indiana</td>
<td>2,122</td>
<td>2,091</td>
</tr>
<tr>
<td>Illinois</td>
<td>602</td>
<td>601</td>
</tr>
<tr>
<td>Michigan</td>
<td>1,313</td>
<td>1,414</td>
</tr>
<tr>
<td>Wisconsin</td>
<td>743</td>
<td>724</td>
</tr>
<tr>
<td>West North Central</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minnesota</td>
<td>2,671</td>
<td>2,383</td>
</tr>
<tr>
<td>Iowa</td>
<td>624</td>
<td>601</td>
</tr>
<tr>
<td>Missouri</td>
<td>436</td>
<td>421</td>
</tr>
<tr>
<td>North Dakota</td>
<td>972</td>
<td>866</td>
</tr>
<tr>
<td>South Dakota</td>
<td>77.5</td>
<td>74.4</td>
</tr>
<tr>
<td>Nebraska</td>
<td>62.4</td>
<td>51.4</td>
</tr>
<tr>
<td>Kansas</td>
<td>333</td>
<td>336</td>
</tr>
<tr>
<td>South Atlantic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Delaware</td>
<td>4,288</td>
<td>4,215</td>
</tr>
<tr>
<td>Maryland</td>
<td>85.6</td>
<td>84.2</td>
</tr>
<tr>
<td>District of Columbia</td>
<td>500</td>
<td>577</td>
</tr>
<tr>
<td>Virginia</td>
<td>451</td>
<td>467</td>
</tr>
<tr>
<td>West Virginia</td>
<td>697</td>
<td>659</td>
</tr>
<tr>
<td>North Carolina</td>
<td>433</td>
<td>399</td>
</tr>
<tr>
<td>South Carolina</td>
<td>391</td>
<td>595</td>
</tr>
<tr>
<td>Georgia</td>
<td>1,01</td>
<td>1,022</td>
</tr>
</tbody>
</table>

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Federal Reserve Bank of St. Louis
### Table 7. - Estimated Number of Employees in Nonagricultural Establishments, by State

#### (in thousands)

<table>
<thead>
<tr>
<th>Region and State</th>
<th>All industry divisions</th>
<th>Manufacturing</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>East South Central</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kentucky</td>
<td>1,647</td>
<td>1,615</td>
</tr>
<tr>
<td>Tennessee</td>
<td>422</td>
<td>411</td>
</tr>
<tr>
<td>Alabama</td>
<td>513</td>
<td>504</td>
</tr>
<tr>
<td>Mississippi</td>
<td>476</td>
<td>471</td>
</tr>
<tr>
<td></td>
<td>234</td>
<td>229</td>
</tr>
<tr>
<td><strong>West South Central</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Arkansas</td>
<td>2,372</td>
<td>2,329</td>
</tr>
<tr>
<td>Louisiana</td>
<td>236</td>
<td>233</td>
</tr>
<tr>
<td>Oklahoma</td>
<td>454</td>
<td>449</td>
</tr>
<tr>
<td>Texas</td>
<td>541</td>
<td>336</td>
</tr>
<tr>
<td></td>
<td>1,341</td>
<td>1,311</td>
</tr>
<tr>
<td><strong>Mountain</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Montana</td>
<td>910</td>
<td>822</td>
</tr>
<tr>
<td>Idaho</td>
<td>144</td>
<td>109</td>
</tr>
<tr>
<td>Wyoming</td>
<td>266</td>
<td>201</td>
</tr>
<tr>
<td>Colorado</td>
<td>96.5</td>
<td>95.4</td>
</tr>
<tr>
<td>New Mexico</td>
<td>72.4</td>
<td>67.2</td>
</tr>
<tr>
<td>Arizona</td>
<td>126.6</td>
<td>124.5</td>
</tr>
<tr>
<td>Utah</td>
<td>126.6</td>
<td>123.1</td>
</tr>
<tr>
<td>Nevada</td>
<td>84.3</td>
<td>85.4</td>
</tr>
<tr>
<td></td>
<td>12.6</td>
<td>12.3</td>
</tr>
<tr>
<td><strong>Pacific</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Washington</td>
<td>3,027</td>
<td>2,990</td>
</tr>
<tr>
<td>Oregon</td>
<td>525</td>
<td>519</td>
</tr>
<tr>
<td>California /2/</td>
<td>2,210</td>
<td>2,173</td>
</tr>
</tbody>
</table>

1/ Estimates for manufacturing have been revised to conform with the new series prepared by cooperating state or Regional office. Because this series has been adjusted to recent data made available under the Federal Social Security program, it is not comparable with data previously shown nor with current estimates for "All Industry Divisions". Comparable series, January 1943 to date, available upon request to Regional Director, U. S. Department of Labor or cooperating state agency.

2/ Data secured in cooperation with:
- Rhode Island - Dept. of Labor, Division of Census and Statistics, Providence 2.
- Illinois - Dept. of Labor, Division of Statistics and Research, Chicago 6.
- Wisconsin - Industrial Commission of Wisconsin, Madison 3.

3/ Address: Regional Director, U. S. Dept. of Labor, Chicago 6, Illinois.
Table 8.—Employment and Pay Rolls in Regular Federal Services and in Government Corporations, January 1946 and Selected Other Months
(In thousands)

<table>
<thead>
<tr>
<th>Branch</th>
<th>Employment 1/</th>
<th>Pay rolls 2/</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>January 1946</td>
<td>December 1945</td>
</tr>
<tr>
<td>Total</td>
<td>2,960.9</td>
<td>3,431.7</td>
</tr>
<tr>
<td>Executive 5/</td>
<td>2,917.5</td>
<td>3,388.0</td>
</tr>
<tr>
<td>Washington, D. C. metropolitan area</td>
<td>229.4</td>
<td>233.8</td>
</tr>
<tr>
<td>War agencies 6/</td>
<td>92.0</td>
<td>94.1</td>
</tr>
<tr>
<td>Other agencies</td>
<td>137.4</td>
<td>139.7</td>
</tr>
<tr>
<td>Other areas</td>
<td>2,688.1</td>
<td>3,154.2</td>
</tr>
<tr>
<td>War agencies 6/</td>
<td>1,840.8</td>
<td>2,068.2</td>
</tr>
<tr>
<td>Continental United States</td>
<td>1,324.3</td>
<td>1,382.3</td>
</tr>
<tr>
<td>Outside continental United States 7/</td>
<td>516.5</td>
<td>665.9</td>
</tr>
<tr>
<td>Other agencies</td>
<td>847.3</td>
<td>1,086.0</td>
</tr>
<tr>
<td>Continental United States</td>
<td>925.2</td>
<td>1,062.4</td>
</tr>
<tr>
<td>Outside continental United States 7/</td>
<td>22.1</td>
<td>23.6</td>
</tr>
<tr>
<td>Legislative</td>
<td>6.4</td>
<td>6.4</td>
</tr>
<tr>
<td>Judicial</td>
<td>3.0</td>
<td>3.0</td>
</tr>
<tr>
<td>Government corporations 8/</td>
<td>34.0</td>
<td>34.3</td>
</tr>
</tbody>
</table>

Prepared by the Division of Construction and Public Employment.

1/ Employment is as of the first of the month except for the seasonal post-office workers included in the executive service for December 1945.

2/ Data are for all pay periods ending within the calendar month. Figures for December 1945 include 3 pay periods covering 6 weeks for per annum employees.

3/ Preliminary.

4/ Revised.

5/ Includes data for United States Navy yards and force-account construction which are also included under construction and shipbuilding and repair projects (tables 10 and 11). Beginning July 1945, data include pay rolls for approximately 22,000 clerical workers at third-class post offices who formerly worked on a contract basis.

6/ Covers War and Navy Departments, Maritime Commission, National Advisory Committee for Aeronautics, the Panama Canal, and the emergency war agencies.

7/ Includes Alaska and the Panama Canal Zone.

8/ Covers the Panama Railroad Company, the Federal Reserve banks, and banks of the Farm Credit Administration whose employees are paid out of operating revenues and not out of Federal appropriations. Data for other government corporations are included under the executive service.

Note: Revisions which are made from time to time for months prior to those shown in this table are available in the Monthly Labor Review under "Trend of Employment, Earnings, and Hours; Public Employment." Micrographed tables showing Federal employment and pay rolls monthly and annually from 1939 to date are available upon request.
Table 9.—Personnel and Pay of the Military Branch of the Federal Government, in Selected Periods

(In thousands)

<table>
<thead>
<tr>
<th>Branch, sex, or type of pay</th>
<th>January 1946</th>
<th>December 1945</th>
<th>January 1945</th>
<th>Average monthly personnel and total annual pay</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1943</td>
</tr>
<tr>
<td>Personnel, total 1/ 2/</td>
<td>11,897</td>
<td>8,551</td>
<td>8,944</td>
<td>1,644</td>
</tr>
<tr>
<td>Army</td>
<td>8,553</td>
<td>8,944</td>
<td>6,733</td>
<td>2,211</td>
</tr>
<tr>
<td>Navy 3/</td>
<td>3,844</td>
<td>2,211</td>
<td>3,844</td>
<td>2,211</td>
</tr>
<tr>
<td>Men</td>
<td>11,644</td>
<td>11,644</td>
<td>8,833</td>
<td>1,639</td>
</tr>
<tr>
<td>Women</td>
<td>103</td>
<td>203</td>
<td>253</td>
<td>111</td>
</tr>
<tr>
<td>Personnel, total 1/</td>
<td>$1,596,875</td>
<td>$1,754,327</td>
<td>$11,519,597</td>
<td>$1,325,530</td>
</tr>
<tr>
<td>Navy 3/</td>
<td>1,020,580</td>
<td>4,373,948</td>
<td>913,800</td>
<td>411,730</td>
</tr>
<tr>
<td>Pay roll 5/</td>
<td>1,311,904</td>
<td>10,499,459</td>
<td>1,325,530</td>
<td>3/</td>
</tr>
<tr>
<td>Masterting-out pay 6/</td>
<td>1,020,138</td>
<td>186,290</td>
<td>240,733</td>
<td>5/</td>
</tr>
<tr>
<td>Family allowances 7/</td>
<td>151,852</td>
<td>186,290</td>
<td>240,733</td>
<td>5/</td>
</tr>
</tbody>
</table>

1/ Because of rounding, totals will not necessarily agree with the sum of the items shown.

2/ Personnel data for January and December 1945 and January 1946 are as of the first of the month.

3/ Covers Navy, Marine Corps, and Coast Guard. Missing personnel and personnel in the hands of the enemy are included.

4/ Data not available.

5/ Data for the Navy proper include cash payments for clothing allowances in January 1946.

6/ Although payments may extend over a period of 3 months, data for the Navy proper and the Coast Guard include the entire amount in the month of discharge. Data for the Marine Corps are estimated for December 1945 and January 1946.

7/ Represents Government's contribution. Men's share is included in the pay roll.
<table>
<thead>
<tr>
<th>Shipbuilding region</th>
<th>Employment (in thousands)</th>
<th>Pay rolls (in thousands)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>January 1946</td>
<td>December 1945</td>
</tr>
<tr>
<td>All regions</td>
<td>510.6</td>
<td>530.3</td>
</tr>
<tr>
<td>U. S. navy yards 2/</td>
<td>222.8</td>
<td>225.7</td>
</tr>
<tr>
<td>Private shipyards</td>
<td>287.8</td>
<td>301.6</td>
</tr>
<tr>
<td>North Atlantic</td>
<td>237.9</td>
<td>244.1</td>
</tr>
<tr>
<td>South Atlantic</td>
<td>57.1</td>
<td>57.9</td>
</tr>
<tr>
<td>Gulf</td>
<td>42.1</td>
<td>40.3</td>
</tr>
<tr>
<td>Pacific</td>
<td>162.7</td>
<td>169.6</td>
</tr>
<tr>
<td>Great Lakes</td>
<td>6.4</td>
<td>7.1</td>
</tr>
<tr>
<td>Inland</td>
<td>4.4</td>
<td>5.0</td>
</tr>
</tbody>
</table>

1/ Preliminary.

2/ Includes all navy yards constructing or repairing ships, including the Curtis Bay (Maryland) Coast Guard yard. Data are also included in the Federal executive service (table 6).
Table 11.-Estimated Employment and Pay Rolls on Construction Within
Continental United States, January and December 1945, and January 1946

<table>
<thead>
<tr>
<th>Type of project</th>
<th>Employment (in thousands)</th>
<th>Pay rolls (in thousands)</th>
</tr>
</thead>
<tbody>
<tr>
<td>New construction, total 3/</td>
<td>1,288.0</td>
<td>1,215.4</td>
</tr>
<tr>
<td>At the construction site 4/</td>
<td>1,122.9</td>
<td>1,058.0</td>
</tr>
<tr>
<td>Federal projects 5/</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Airports 6/</td>
<td>6/ 89.4</td>
<td>6/ 86.0</td>
</tr>
<tr>
<td>Buildings</td>
<td>4.0</td>
<td>4.2</td>
</tr>
<tr>
<td>Residential</td>
<td>3.2</td>
<td>3.7</td>
</tr>
<tr>
<td>Nonresidential 8/</td>
<td>6/ 40.5</td>
<td>6/ 48.1</td>
</tr>
<tr>
<td>Electrofication</td>
<td>6.2</td>
<td>6.4</td>
</tr>
<tr>
<td>River, harbor, and flood control</td>
<td>16.0</td>
<td>16.1</td>
</tr>
<tr>
<td>Streets and highways</td>
<td>7.4</td>
<td>7.8</td>
</tr>
<tr>
<td>Water and sewer systems</td>
<td>2.1</td>
<td>2.5</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>4.2</td>
<td>4.3</td>
</tr>
<tr>
<td>Non-Federal projects</td>
<td>1,044.1</td>
<td>952.0</td>
</tr>
<tr>
<td>Buildings</td>
<td>780.3</td>
<td>700.1</td>
</tr>
<tr>
<td>Residential</td>
<td>316.4</td>
<td>294.3</td>
</tr>
<tr>
<td>Nonresidential</td>
<td>362.5</td>
<td>411.5</td>
</tr>
<tr>
<td>Farm dwellings and service buildings</td>
<td>59.4</td>
<td>53.6</td>
</tr>
<tr>
<td>Public utilities</td>
<td>133.8</td>
<td>126.6</td>
</tr>
<tr>
<td>Streets and highways</td>
<td>27.7</td>
<td>27.1</td>
</tr>
<tr>
<td>State</td>
<td>6.5</td>
<td>9.1</td>
</tr>
<tr>
<td>County and municipal</td>
<td>12.2</td>
<td>13.0</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>52.0</td>
<td>49.2</td>
</tr>
<tr>
<td>Other 9/</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maintenance of State roads 10/</td>
<td>169.0</td>
<td>157.4</td>
</tr>
<tr>
<td></td>
<td>90.9</td>
<td>91.4</td>
</tr>
</tbody>
</table>

Prepared in Division of Construction and Public Employment.

1/ Preliminary.
2/ Revised.
3/ Data for all construction workers (contract and force account) engaged on new construction, additions, alterations, and on repair work of the type usually covered by building permits. (Force-account employees are workers hired directly by the owner and utilized as a separate work force to perform construction work of the type usually chargeable to capital account.)
4/ The construction figure included in the Bureau's nonagricultural employment series covers only employees of construction contractors and on Federal force account and excludes force-account workers of State and local governments, public utilities, and private firms.
5/ Data not available.
6/ Includes the following force-account employees, hired directly by the Federal Government, and their pay rolls: January 1945, 19,817, $3,684,400; December 1945, 16,699, $3,032,300; January 1946, 16,047, $2,653,600. These employees are also included under the Federal executive service (table 8); all other workers were employed by contractors and subcontractors.
7/ Includes employment on construction of plants to produce atomic bombs, which, for security reasons, was not previously included in these estimates but was shown in the classification "other", as follows: January 1945, 40,000; December 1945, 6,600; January 1946, 4,000.
8/ Excludes pay-roll data for construction of plants to produce atomic bombs.
9/ Employees and pay rolls for Defense Plant Corporation projects are included, but those for projects financed from RFC loans are excluded. The latter are considered non-Federal projects.
10/ Includes central office force of construction contractors, shop employees of special trades contractors, such as bench sheet-metal workers, etc.

Data for other types of maintenance not available.