
FEDERAL RESERVE statistical release



G.17 (419) Supplemental Tables

For release at 9:15 a.m. (EST)
January 18, 2017

INDUSTRIAL PRODUCTION AND CAPACITY UTILIZATION

The attached tables contain detail on industrial production, capacity, and utilization that are not contained in the G.17 release. Historical data for these series are available on the Board's website (www.federalreserve.gov/releases/g17/download.htm).

Tables

Tables 1A-1E: Industrial Production: Industry Subtotals, Individual Series, and Market Groups

Table 1A: NAICS 211-314

Table 1B: NAICS 315-326

Table 1C: NAICS 327-333

Table 1D: NAICS 334-339, 1133, 5111, and Stage-of-process Groups

Table 1E: Market Groups

Table 2: Capacity Utilization: Manufacturing, Mining, and Utilities

Table 3: Industrial Capacity: Manufacturing, Mining, and Utilities

Table 1A
INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

| Item | NAICS | 2015 IP Proportion ¹ | Index, 2012 = 100 | | | | | | | | | | | |
|---|-------------|---------------------------------------|---------------------------|-------------------|--------------------|-------------------|-------------------|-------------------|---------------------------|-------------------|--------------------|-------------------|-------------------|-------------------|
| | | | Seasonally adjusted | | | | | | Not seasonally adjusted | | | | | |
| | | | 2016 July ^r | Aug. ^r | Sept. ^r | Oct. ^r | Nov. ^r | Dec. ^p | 2016 July ^r | Aug. ^r | Sept. ^r | Oct. ^r | Nov. ^r | Dec. ^p |
| Oil and gas extraction | 211 | 6.86 | 128.8 | 129.3 | 126.5 | 128.8 | 127.8 | 128.9 | 128.3 | 128.8 | 126.8 | 129.3 | 128.5 | 129.1 |
| Crude petroleum and natural gas extraction | 211111 | 6.59 | 128.2 | 129.3 | 126.4 | 128.4 | 127.1 | 128.3 | 127.7 | 128.7 | 126.4 | 128.7 | 127.7 | 128.6 |
| Crude oil | 211111pt. | 5.12 | 135.4 | 136.6 | 132.8 | 135.9 | 133.7 | 135.5 | 134.5 | 135.5 | 132.7 | 136.3 | 134.5 | 135.8 |
| Natural gas | 211111pt. | 1.48 | 111.4 | 112.2 | 112.0 | 110.5 | | | 112.0 | 113.0 | 112.3 | 111.0 | | |
| Natural gas liquid extraction | 211112 | .27 | 142.9 | 131.2 | 131.3 | 137.9 | 143.1 | 142.7 | 143.1 | 133.2 | 135.0 | 141.8 | 144.9 | 140.3 |
| Mining (except oil and gas) | 212 | 2.62 | 90.8 | 90.3 | 91.1 | 97.7 | 96.2 | 91.7 | 98.8 | 100.5 | 99.3 | 100.3 | 96.4 | 86.3 |
| Coal mining | 2121 | .98 | 76.1 | 74.4 | 76.2 | 86.3 | 80.4 | 74.4 | 74.8 | 78.1 | 77.8 | 83.8 | 80.7 | 74.2 |
| Metal ore mining | 2122 | .58 | 86.7 | 88.9 | 86.2 | 92.7 | 90.6 | 88.5 | 87.1 | 91.1 | 89.9 | 91.4 | 91.7 | 92.0 |
| Iron ore mining | 21221 | .05 | 85.8 | 69.1 | 73.2 | | | | 84.8 | 69.5 | 76.4 | | | |
| Gold ore and silver ore mining | 21222 | .22 | 84.7 | 90.7 | 87.5 | 94.9 | 92.2 | 90.4 | 87.8 | 95.4 | 92.5 | 93.5 | 93.2 | 95.0 |
| Copper, nickel, lead, and zinc mining | 21223 | .23 | 113.9 | 120.7 | 113.8 | 122.9 | 119.9 | 117.0 | 111.5 | 120.3 | 116.6 | 121.0 | 120.2 | 122.0 |
| Nonmetallic mineral mining and quarrying | 2123 | 1.05 | 114.4 | 113.8 | 115.5 | 118.2 | 122.3 | 118.0 | 138.5 | 137.1 | 134.6 | 129.4 | 121.7 | 100.6 |
| Support activities for mining | 213 | 1.28 | 35.3 | 34.6 | 37.9 | 39.0 | 40.1 | 43.8 | 35.5 | 35.0 | 38.3 | 39.4 | 40.7 | 44.0 |
| Drilling oil and gas wells | 213111 | .39 | 24.7 | 25.5 | 26.8 | 29.3 | 30.8 | 33.7 | 24.7 | 25.8 | 27.3 | 29.6 | 31.4 | 34.1 |
| Electric power generation, transmission and distribution | 2211 | 9.75 | 104.0 | 107.2 | 104.3 | 101.8 | 96.9 | 102.7 | 120.5 | 121.3 | 107.6 | 93.3 | 88.3 | 102.0 |
| Electric power generation | 22111 | 5.82 | 103.2 | 105.8 | 103.2 | 100.8 | 96.1 | 101.8 | 118.3 | 117.7 | 105.2 | 91.3 | 89.0 | 101.2 |
| Hydroelectric power generation | 221111 | .41 | 80.7 | 88.6 | 93.4 | 98.1 | | | 89.9 | 81.1 | 70.7 | 73.3 | | |
| Fossil fuel and other electric power generation | 221112,4-8 | 3.45 | 106.7 | 109.4 | 105.4 | 100.9 | | | 127.7 | 126.9 | 110.5 | 92.4 | | |
| Nuclear electric power generation | 221113 | 1.96 | 102.2 | 103.1 | 101.3 | 101.0 | | | 108.0 | 109.8 | 103.8 | 93.2 | | |
| Electric power transmission, control, and distribution | 22112 | 3.93 | 105.3 | 109.4 | 105.9 | 103.3 | 98.0 | 104.1 | 123.9 | 126.7 | 111.2 | 96.3 | 87.3 | 103.1 |
| Commercial and other electricity sales | 22112pt. | 1.47 | 106.8 | 110.7 | 108.9 | 106.7 | | | 121.6 | 126.2 | 116.1 | 106.9 | | |
| Industrial electricity sales | 22112pt. | .68 | 95.8 | 97.0 | 95.1 | 93.5 | | | 101.9 | 104.4 | 97.4 | 95.3 | | |
| Residential electricity sales | 22112pt. | 1.77 | 107.6 | 113.0 | 107.7 | 104.4 | | | 134.4 | 136.0 | 112.7 | 88.3 | | |
| Natural gas distribution | 2212 | 1.01 | 113.8 | 114.6 | 111.3 | 104.0 | 102.5 | 114.8 | 62.7 | 62.6 | 59.5 | 72.6 | 115.5 | 176.4 |
| Commercial and other gas sales | 2212pt. | .18 | 113.7 | 115.8 | 113.3 | 106.0 | | | 56.0 | 58.0 | 59.7 | 79.4 | | |
| Industrial gas sales | 2212pt. | .08 | 112.3 | 115.5 | 110.6 | 105.6 | | | 128.1 | 129.8 | 111.7 | 101.5 | | |
| Residential gas sales | 2212pt. | .49 | 110.4 | 109.3 | 107.7 | 100.0 | | | 31.0 | 29.3 | 31.9 | 54.4 | | |
| Gas transmission | 2212pt. | .26 | 116.1 | 118.4 | 112.3 | 105.2 | | | 103.8 | 104.9 | 92.5 | 91.2 | | |
| Food | 311 | 8.46 | 105.7 | 105.4 | 105.1 | 104.7 | 104.2 | 105.3 | 105.8 | 108.6 | 108.6 | 108.1 | 105.5 | 105.5 |
| Animal food | 3111 | .59 | 108.5 | 106.1 | 110.8 | 113.9 | 114.6 | 110.9 | 108.7 | 106.4 | 110.2 | 113.8 | 115.9 | 114.9 |
| Grain and oilseed milling | 3112 | .65 | 103.6 | 107.9 | 107.5 | 105.8 | 105.7 | 105.9 | 103.5 | 106.3 | 106.3 | 107.4 | 108.1 | 108.6 |
| Sugar and confectionery product | 3113 | .47 | 102.3 | 95.9 | 94.9 | 93.5 | 88.7 | 91.4 | 91.8 | 93.5 | 98.2 | 107.4 | 103.5 | 104.8 |
| Fruit and vegetable preserving and specialty food | 3114 | .96 | 98.0 | 99.5 | 95.4 | 91.7 | 95.7 | 99.0 | 102.4 | 119.7 | 114.8 | 100.2 | 93.6 | 93.7 |
| Dairy product | 3115 | .83 | 100.8 | 99.9 | 101.8 | 102.9 | 100.0 | 100.2 | 100.6 | 96.0 | 95.8 | 96.9 | 95.4 | 97.4 |
| Dairy product (except frozen) | 31151 | .74 | 100.6 | 99.5 | 101.8 | 102.4 | 99.7 | 99.9 | 98.9 | 94.1 | 95.4 | 97.2 | 97.3 | 100.3 |
| Fluid milk | 311511 | .33 | 94.7 | 94.8 | 94.9 | 95.0 | 95.0 | | 93.9 | 92.5 | 91.5 | 91.5 | 92.0 | |
| Creamery butter | 311512 | .02 | 119.1 | 100.1 | 105.5 | 107.1 | 99.1 | | 100.1 | 85.0 | 92.1 | 98.4 | 97.7 | |
| Cheese | 311513 | .23 | 108.3 | 107.9 | 108.3 | 108.6 | 107.3 | | 105.8 | 104.5 | 106.4 | 108.5 | 109.2 | |
| Dry, condensed, and evaporated dairy product | 311514 | .16 | 100.4 | 97.6 | 107.0 | 109.2 | 98.8 | | 99.6 | 83.7 | 88.6 | 93.6 | 92.0 | |
| Ice cream and frozen dessert | 31152 | .09 | 103.5 | 104.1 | 102.6 | 107.4 | 103.4 | | 116.7 | 112.8 | 100.0 | 95.5 | 81.7 | |
| Animal slaughtering and processing | 3116 | 1.86 | 104.8 | 104.9 | 105.7 | 106.9 | 107.1 | 108.4 | 101.7 | 106.5 | 106.6 | 111.2 | 107.3 | 105.6 |
| Animal (except poultry) slaughtering and meat | 311611-3 | .94 | 101.1 | 105.0 | 105.5 | 105.6 | 108.1 | 108.3 | 97.6 | 104.7 | 106.2 | 110.9 | 110.3 | 108.0 |
| Beef | 311611-3pt. | .53 | 96.9 | 100.5 | 100.8 | 102.2 | 106.2 | | 97.6 | 102.6 | 102.9 | 106.6 | 105.8 | |
| Pork | 311611-3pt. | .40 | 108.2 | 112.9 | 113.4 | 111.4 | 111.6 | | 98.1 | 108.6 | 111.9 | 118.2 | 118.0 | |
| Miscellaneous meats | 311611-3pt. | .01 | 80.7 | 79.2 | 83.3 | 85.3 | 83.7 | | 78.7 | 79.1 | 80.5 | 84.8 | 83.2 | |
| Poultry processing | 311615 | .93 | 109.9 | 106.0 | 107.0 | 109.3 | 107.3 | | 107.1 | 109.4 | 108.2 | 112.8 | 105.4 | |
| Bakeries and tortilla | 3118 | 1.28 | 103.2 | 102.7 | 102.0 | 101.7 | 101.3 | 102.6 | 102.4 | 103.2 | 104.4 | 105.1 | 105.3 | 106.4 |
| Other food | 3119 | 1.66 | 115.3 | 114.9 | 114.4 | 114.6 | 113.2 | 115.2 | 114.6 | 115.3 | 118.4 | 118.6 | 116.1 | 116.6 |
| Coffee and tea | 31192 | .16 | 116.5 | 116.8 | 116.6 | 116.6 | 115.3 | 117.1 | 116.0 | 116.6 | 119.5 | 120.2 | 117.6 | 118.2 |
| Beverage and tobacco product | 312 | 2.95 | 96.4 | 97.0 | 97.4 | 98.1 | 97.9 | 97.7 | 92.1 | 99.7 | 99.8 | 100.3 | 95.8 | 85.2 |
| Beverage | 3121 | 1.89 | 106.9 | 103.3 | 103.3 | 105.6 | 103.7 | 104.8 | 105.6 | 104.8 | 106.2 | 104.0 | 100.9 | 98.7 |
| Soft drink and ice | 31211 | .53 | 78.8 | 80.9 | 82.1 | 82.6 | 83.0 | 81.6 | 83.3 | 83.2 | 83.4 | 81.0 | 80.4 | 80.0 |
| Breweries | 31212 | .76 | 122.3 | 115.5 | 112.2 | 117.7 | | | 127.9 | 120.9 | 116.3 | 109.9 | | |
| Tobacco | 3122 | 1.06 | 79.9 | 86.8 | 87.9 | 86.2 | 88.4 | 86.3 | 71.0 | 91.3 | 89.4 | 94.0 | 87.2 | 64.3 |
| Textile mills | 313 | .40 | 102.4 | 101.0 | 101.9 | 104.7 | 106.2 | 102.8 | 101.2 | 101.3 | 102.7 | 103.5 | 105.7 | 103.3 |
| Fiber, yarn, and thread mills | 3131 | .07 | 107.1 | 108.1 | 110.0 | 112.3 | 114.5 | 111.4 | 106.8 | 109.4 | 112.3 | 111.4 | 113.9 | 109.2 |
| Fabric mills | 3132 | .22 | 100.2 | 96.9 | 97.0 | 101.0 | 101.3 | 97.7 | 98.6 | 96.4 | 97.5 | 99.6 | 101.1 | 99.8 |
| Textile and fabric finishing and fabric coating | 3133 | .10 | 103.6 | 105.0 | 106.9 | 107.4 | 110.9 | 107.7 | 102.9 | 106.3 | 107.2 | 106.6 | 109.9 | 106.7 |
| Textile product mills | 314 | .34 | 110.4 | 108.9 | 110.6 | 108.9 | 107.8 | 104.8 | 113.9 | 112.1 | 112.0 | 112.7 | 108.3 | 101.8 |
| Textile furnishings mills | 3141 | .16 | 100.6 | 98.3 | 97.0 | 95.0 | 93.8 | 91.8 | 105.8 | 102.0 | 98.2 | 100.6 | 92.8 | 82.5 |
| Carpet and rug mills | 31411 | .09 | 93.3 | 91.8 | 90.7 | 90.0 | 89.3 | 88.3 | 104.0 | 97.9 | 92.5 | 101.8 | 85.0 | 65.2 |
| Other textile product mills | 3149 | .18 | 120.8 | 120.0 | 124.9 | 123.6 | 122.5 | 118.5 | 122.4 | 122.8 | 126.6 | 125.5 | 124.6 | 122.2 |

^r Revised. ^p Preliminary.

1. The IP proportion data are estimates of the industries' relative contributions to overall IP growth in the following year.

Table 1B
INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

| Item | NAICS | 2015 IP Proportion ¹ | Index, 2012 = 100 | | | | | | | | | | | |
|--|------------|---------------------------------------|---------------------------|-------------------|--------------------|-------------------|-------------------|-------------------|---------------------------|-------------------|--------------------|-------------------|-------------------|-------------------|
| | | | Seasonally adjusted | | | | | | Not seasonally adjusted | | | | | |
| | | | 2016 July ^r | Aug. ^r | Sept. ^r | Oct. ^r | Nov. ^r | Dec. ^p | 2016 July ^r | Aug. ^r | Sept. ^r | Oct. ^r | Nov. ^r | Dec. ^p |
| Apparel | 315 | .21 | 82.1 | 82.3 | 84.1 | 84.6 | 84.8 | 85.7 | 80.4 | 82.8 | 83.9 | 84.4 | 85.6 | 85.9 |
| Leather and allied product | 316 | .06 | 80.4 | 78.7 | 80.0 | 78.2 | 79.2 | 77.1 | 78.7 | 78.8 | 80.9 | 76.6 | 78.5 | 77.4 |
| Wood product | 321 | 1.28 | 109.0 | 108.9 | 108.3 | 110.1 | 112.5 | 112.2 | 109.9 | 112.7 | 110.0 | 113.3 | 109.1 | 105.0 |
| Sawmills and wood preservation | 3211 | .35 | 100.1 | 96.3 | 95.5 | | | | 98.4 | 98.4 | 96.6 | | | |
| Plywood and misc. wood products | 3212,9 | .94 | 112.4 | 114.0 | 113.5 | 115.5 | 119.7 | 117.2 | 114.5 | 118.4 | 115.4 | 117.5 | 117.0 | 112.2 |
| Veneer, plywood, and engineered wood product | | .28 | 121.4 | 120.0 | 117.7 | 118.3 | 120.1 | 120.2 | 118.7 | 124.7 | 122.3 | 116.4 | 116.9 | 111.5 |
| Veneer and plywood | 321211,2 | .10 | 110.0 | 106.7 | 103.4 | | | | 97.1 | 109.6 | 112.1 | | | |
| Reconstituted wood product | 321219 | .09 | 112.1 | 111.8 | 108.1 | 114.7 | 115.7 | 117.7 | 109.2 | 115.6 | 108.2 | 114.6 | 104.4 | 101.7 |
| Other wood product | 3219 | .66 | 108.8 | 111.5 | 111.8 | 114.4 | 119.6 | 116.0 | 112.8 | 115.9 | 112.7 | 117.9 | 117.0 | 112.5 |
| Millwork | 32191 | .34 | 107.4 | 109.8 | 108.0 | 110.5 | 117.7 | 113.4 | 114.5 | 113.7 | 108.6 | 114.5 | 113.9 | 110.5 |
| Wood container and pallet | 32192 | .13 | 110.0 | 112.5 | 115.1 | 113.1 | 110.3 | 109.8 | 110.9 | 114.3 | 116.6 | 113.1 | 110.9 | 110.8 |
| All other wood product | 32199 | .19 | 110.5 | 113.8 | 116.0 | 122.0 | 129.0 | 124.9 | 111.0 | 120.6 | 116.6 | 126.8 | 126.3 | 117.0 |
| Manufactured home | 321991 | .06 | 106.6 | 115.6 | 126.6 | 125.9 | 134.9 | | 102.9 | 131.1 | 135.1 | 139.5 | 131.3 | |
| Paper | 322 | 2.67 | 95.4 | 95.0 | 96.1 | 97.0 | 98.2 | 98.0 | 95.8 | 96.7 | 96.8 | 97.2 | 97.3 | 95.6 |
| Pulp, paper, and paperboard mills | 3221 | 1.35 | 94.1 | 93.8 | 94.2 | 95.0 | 95.9 | 96.9 | 95.2 | 95.3 | 94.6 | 93.6 | 95.7 | 95.7 |
| Pulp mills | 32211 | .09 | 113.5 | 113.0 | 111.7 | 112.4 | 115.4 | | 116.7 | 115.9 | 112.6 | 110.3 | 116.6 | |
| Paper mills | 32212 | .72 | 89.7 | 89.0 | 89.6 | 91.0 | 90.4 | 92.1 | 90.2 | 89.3 | 90.0 | 89.7 | 90.4 | 91.6 |
| Paper (except newsprint) mills | 322121 | .70 | 91.8 | 91.3 | 91.6 | 93.2 | 92.4 | | 92.4 | 91.6 | 92.0 | 91.8 | 92.5 | |
| Paperboard mills | 32213 | .54 | 97.0 | 97.4 | 97.7 | 97.8 | 100.4 | | 98.5 | 100.1 | 98.1 | 96.4 | 99.8 | |
| Converted paper product | 3222 | 1.31 | 96.7 | 96.2 | 98.0 | 99.1 | 100.6 | 99.2 | 96.4 | 98.2 | 99.0 | 100.9 | 99.0 | 95.5 |
| Paperboard container | 32221 | .69 | 103.4 | 105.1 | 105.5 | 106.7 | 109.3 | | 102.5 | 108.5 | 106.9 | 110.7 | 106.5 | |
| Paper bag and coated and treated paper | 32222 | .28 | 81.4 | 76.9 | 83.1 | 84.5 | 84.2 | 83.3 | 81.6 | 77.7 | 85.4 | 85.0 | 84.4 | 82.3 |
| Other converted paper products | 32223,9 | .35 | 97.9 | 96.9 | 97.1 | 98.2 | 98.9 | 98.4 | 98.4 | 97.5 | 96.4 | 96.7 | 98.1 | 97.9 |
| Printing and related support activities | 323 | 1.59 | 99.6 | 98.8 | 100.0 | 100.2 | 101.2 | 100.3 | 99.2 | 99.9 | 101.2 | 101.1 | 101.8 | 102.3 |
| Petroleum and coal products | 324 | 1.85 | 105.3 | 104.5 | 104.7 | 104.5 | 108.3 | 107.7 | 112.6 | 111.6 | 109.0 | 106.5 | 107.5 | 104.2 |
| Petroleum refineries | 32411 | 1.37 | 106.3 | 107.1 | 107.2 | 105.4 | 108.3 | 105.5 | 110.8 | 111.0 | 107.7 | 103.7 | 107.8 | 107.3 |
| Aviation fuel and kerosene | 32411pt. | .14 | 109.1 | 113.5 | 114.7 | 110.9 | | | 115.8 | 120.0 | 115.6 | 105.8 | | |
| Distillate fuel oil | 32411pt. | .39 | 104.0 | 104.0 | 104.3 | 101.8 | | | 106.9 | 106.9 | 105.7 | 99.9 | | |
| Automotive gasoline | 32411pt. | .63 | 110.4 | 111.8 | 111.5 | 109.8 | | | 113.0 | 113.5 | 110.4 | 110.9 | | |
| Residual fuel oil | 32411pt. | .03 | 79.1 | 85.0 | 87.1 | 91.9 | | | 79.0 | 83.1 | 85.9 | 90.1 | | |
| Other refinery output | 32411pt. | .17 | 100.7 | 97.2 | 97.3 | 96.7 | 99.5 | 96.8 | 114.8 | 110.4 | 100.8 | 88.0 | 88.8 | 89.4 |
| Paving, roofing, and other petroleum and coal | 32412,9 | .48 | 98.7 | 95.0 | 95.3 | 97.9 | 103.3 | 106.8 | 110.9 | 107.7 | 106.5 | 106.9 | 102.0 | 94.0 |
| Chemicals | 325 | 12.23 | 97.5 | 96.7 | 97.1 | 97.3 | 97.4 | 96.4 | 97.0 | 96.5 | 97.2 | 97.0 | 97.0 | 97.2 |
| Basic chemical | 3251 | 2.85 | 100.5 | 99.7 | 99.6 | 100.3 | 100.2 | 99.3 | 100.8 | 100.2 | 100.4 | 100.5 | 100.7 | 99.0 |
| Organic chemicals | 32511,9 | 1.99 | 103.9 | 103.1 | 103.1 | 102.0 | 103.2 | 101.8 | 104.5 | 103.9 | 104.0 | 102.8 | 103.5 | 101.0 |
| Basic inorganic chemicals | 32512-8 | .87 | 91.7 | 90.8 | 90.8 | 95.0 | 92.2 | 92.3 | 91.5 | 90.8 | 91.1 | 93.8 | 93.1 | 93.0 |
| Industrial gas | 32512 | .12 | 85.5 | 84.3 | 85.4 | 87.2 | 85.7 | 85.2 | 85.9 | 83.0 | 84.4 | 87.2 | 85.5 | 86.1 |
| Synthetic dye and pigment | 32513 | .14 | 106.9 | 106.2 | 106.5 | 109.5 | 108.2 | 108.5 | 106.2 | 107.9 | 108.5 | 111.0 | 110.2 | 109.3 |
| Other basic inorganic chemical | 32518 | .61 | 89.4 | 88.6 | 88.3 | 93.1 | 89.8 | 90.0 | 89.2 | 88.5 | 88.5 | 91.2 | 90.8 | 90.7 |
| Alkalies and chlorine | 32518pt. | .12 | 86.0 | 83.2 | 87.2 | 88.9 | 82.5 | | 88.5 | 85.2 | 84.9 | 81.9 | 83.5 | |
| Resin, synthetic rubber, and synthetic fibers | 3252 | .99 | 99.1 | 100.6 | 100.0 | 100.3 | 100.6 | 99.1 | 100.8 | 101.7 | 100.4 | 99.1 | 98.9 | 96.6 |
| Resin and synthetic rubber | 32521 | .89 | 100.2 | 100.5 | 100.0 | 100.9 | 100.1 | 98.7 | 101.7 | 101.9 | 100.3 | 99.2 | 98.7 | 97.3 |
| Plastics material and resin | 325211 | .83 | 100.2 | 100.5 | 100.1 | 101.1 | 100.2 | | 101.9 | 102.1 | 100.4 | 99.4 | 98.6 | |
| Synthetic rubber | 325212 | .06 | 98.6 | 99.7 | 99.1 | 97.1 | 98.2 | 96.6 | 98.8 | 99.3 | 98.6 | 96.8 | 98.7 | 98.2 |
| Artificial and synthetic fibers and filaments | 32522 | .10 | 90.2 | 100.7 | 98.7 | 95.0 | 103.9 | | 93.1 | 99.9 | 100.7 | 97.3 | 100.5 | |
| Pesticide, fertilizer, and other agricultural | 3253 | .59 | 121.4 | 120.5 | 123.6 | 117.2 | 122.9 | 121.3 | 119.1 | 119.9 | 122.8 | 114.9 | 119.2 | 124.8 |
| Pharmaceutical and medicine | 3254 | 4.90 | 92.7 | 92.3 | 91.7 | 91.9 | 92.2 | 91.1 | 91.2 | 91.1 | 92.0 | 92.2 | 91.8 | 92.3 |
| Paints, soaps and toiletries, and other chemical | 3255-9 | 2.90 | 95.6 | 93.3 | 95.8 | 96.6 | 95.7 | 95.2 | 95.9 | 94.2 | 95.3 | 95.6 | 95.3 | 96.6 |
| Paints and other chemical products | 3255,9 | 1.23 | 103.0 | 101.9 | 105.8 | 104.6 | 104.6 | 104.2 | 102.1 | 102.3 | 104.9 | 104.1 | 103.8 | 105.6 |
| Paint, coating, and adhesive | 3255 | .54 | 115.5 | 111.4 | 118.1 | 113.1 | 115.8 | 114.9 | 114.5 | 111.6 | 116.0 | 112.4 | 114.6 | 116.1 |
| Paint and coating | 32551 | .36 | 111.2 | 108.1 | 114.4 | 110.9 | 111.5 | 111.6 | 110.4 | 108.6 | 112.2 | 109.0 | 110.3 | 111.6 |
| Soaps and toiletries | 3256 | 1.67 | 90.3 | 87.2 | 88.7 | 90.8 | 89.4 | 88.8 | 91.4 | 88.4 | 88.5 | 89.6 | 89.3 | 90.2 |
| Plastics and rubber products | 326 | 3.50 | 107.8 | 106.2 | 107.3 | 107.7 | 106.3 | 106.2 | 106.1 | 107.5 | 107.7 | 108.0 | 106.4 | 105.7 |
| Plastics product | 3261 | 2.87 | 109.3 | 107.6 | 108.5 | 109.1 | 108.6 | 108.1 | 108.7 | 108.6 | 109.0 | 109.1 | 108.6 | 108.5 |
| Rubber product | 3262 | .63 | 101.1 | 100.1 | 101.8 | 101.3 | 96.3 | 97.7 | 94.4 | 102.3 | 101.6 | 102.8 | 96.9 | 93.1 |
| Tire | 32621 | .25 | 98.0 | 91.1 | 93.1 | 96.9 | 89.0 | 90.8 | 86.4 | 96.0 | 93.9 | 99.9 | 88.5 | 75.3 |
| Rubber products ex. tires | 32622,9 | .38 | 103.5 | 106.7 | 108.3 | 104.7 | 101.8 | 102.8 | 100.4 | 107.2 | 107.4 | 105.1 | 103.1 | 106.0 |

r Revised. p Preliminary.

1. The IP proportion data are estimates of the industries' relative contributions to overall IP growth in the following year.

Table 1C
INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

| Item | NAICS | 2015 IP Proportion ¹ | Index, 2012 = 100 | | | | | | | | | | | |
|--|-------------|---------------------------------------|---------------------------|-------------------|--------------------|-------------------|-------------------|-------------------|---------------------------|-------------------|--------------------|-------------------|-------------------|-------------------|
| | | | Seasonally adjusted | | | | | | Not seasonally adjusted | | | | | |
| | | | 2016 July ^r | Aug. ^r | Sept. ^r | Oct. ^r | Nov. ^r | Dec. ^p | 2016 July ^r | Aug. ^r | Sept. ^r | Oct. ^r | Nov. ^r | Dec. ^p |
| Nonmetallic mineral product | 327 | 2.20 | 114.5 | 113.1 | 114.3 | 114.8 | 116.3 | 117.1 | 119.9 | 119.9 | 119.9 | 121.0 | 118.0 | 110.8 |
| Clay, lime, gypsum, and misc. nonmetallic mineral | 3271,4,9 | .83 | 116.6 | 115.1 | 116.7 | 116.0 | 119.3 | 121.9 | 117.5 | 117.9 | 119.4 | 119.4 | 120.6 | 119.3 |
| Clay and misc. nonmetallic mineral products | 3271,9 | .69 | 116.5 | 114.9 | 116.8 | 116.0 | 119.6 | 122.2 | 118.2 | 117.8 | 118.4 | 117.0 | 120.5 | 120.0 |
| Clay product and refractory | 3271 | .17 | 105.7 | 110.0 | 107.5 | 108.7 | 111.1 | 110.6 | 110.4 | 113.7 | 110.2 | 110.2 | 109.6 | 106.7 |
| Pottery, ceramics, and plumbing fixture | 32711 | .05 | 101.9 | 105.0 | 104.2 | 105.2 | 104.4 | 106.4 | 103.5 | 108.4 | 103.0 | 103.7 | 106.9 | 107.2 |
| Clay building material and refractories | 32712 | .12 | 107.6 | 112.5 | 109.1 | 110.5 | 114.3 | 112.6 | 113.8 | 116.3 | 113.8 | 113.3 | 110.9 | 106.6 |
| Other nonmetallic mineral product | 3279 | .52 | 120.3 | 116.6 | 120.0 | 118.4 | 122.5 | 126.2 | 120.8 | 119.2 | 121.1 | 119.3 | 124.3 | 124.6 |
| Lime and gypsum product | 3274 | .14 | 116.4 | 115.7 | 115.6 | 115.7 | 117.5 | 120.3 | 113.8 | 117.6 | 124.2 | 130.3 | 120.5 | 115.6 |
| Glass and glass product | 3272 | .48 | 99.9 | 100.0 | 101.2 | 102.3 | 102.0 | 102.1 | 99.5 | 101.8 | 101.6 | 104.5 | 104.2 | 98.1 |
| Glass container | 327213 | .11 | 96.0 | 96.6 | 96.4 | | | | 98.3 | 99.3 | 96.0 | | | |
| Cement and concrete product | 3273 | .90 | 121.3 | 119.0 | 119.9 | 121.1 | 122.1 | 121.7 | 134.3 | 132.7 | 131.3 | 132.2 | 123.8 | 110.7 |
| Cement | 32731 | .13 | 104.1 | 104.1 | 103.5 | | | | 119.0 | 124.9 | 121.7 | | | |
| Concrete and product | 32732-9 | .77 | 124.7 | 122.0 | 123.2 | 124.0 | 125.4 | 125.0 | 137.1 | 134.1 | 133.0 | 133.0 | 127.5 | 116.5 |
| Primary metals | 331 | 2.41 | 93.4 | 93.1 | 91.7 | 91.0 | 93.4 | 94.7 | 93.8 | 93.7 | 92.4 | 90.8 | 91.7 | 91.4 |
| Iron and steel products | 3311,2 | 1.04 | 86.6 | 86.6 | 82.8 | 80.9 | 85.4 | 88.8 | 87.5 | 88.4 | 83.7 | 81.0 | 82.8 | 84.7 |
| Pig iron | 3311.2pt. | .08 | 68.9 | 65.3 | 65.3 | 62.1 | 63.3 | | 68.6 | 67.5 | 66.5 | 58.6 | 62.5 | |
| Raw steel | 3311.2pt. | .06 | 87.7 | 87.9 | 87.6 | 85.2 | 88.1 | | 88.7 | 89.2 | 87.6 | 84.8 | 86.1 | |
| Coke and products | 3311.2pt. | .02 | 84.3 | 84.5 | 85.0 | 85.9 | 86.5 | 86.7 | 84.5 | 82.9 | 82.9 | 84.8 | 85.8 | 85.8 |
| Construction steel | 3311.2pt. | .14 | 113.1 | 104.8 | 102.5 | 106.6 | 109.4 | | 117.7 | 114.2 | 104.8 | 108.5 | 103.4 | |
| Consumer durable steel | 3311.2pt. | .18 | 100.2 | 96.9 | 98.7 | 92.3 | 98.7 | | 96.2 | 98.2 | 101.5 | 95.3 | 96.3 | |
| Can and closure steel | 3311.2pt. | .02 | 60.3 | 64.0 | 64.4 | 55.1 | 63.1 | | 63.9 | 65.4 | 65.5 | 54.7 | 51.9 | |
| Equipment steel | 3311.2pt. | .06 | 55.1 | 59.4 | 62.3 | 60.8 | 62.0 | | 54.2 | 57.8 | 61.7 | 59.7 | 60.3 | |
| Miscellaneous steel | 3311.2pt. | .48 | 84.6 | 87.4 | 79.1 | 77.4 | 83.2 | | 86.5 | 88.3 | 79.6 | 77.2 | 81.2 | |
| Nonferrous metals | 3313,4 | .81 | 104.9 | 104.8 | 105.8 | 105.7 | 105.9 | 106.0 | 105.4 | 104.4 | 106.5 | 105.0 | 103.8 | 100.4 |
| Alumina and aluminum production and processing | 3313 | .36 | 97.5 | 92.7 | 92.0 | 93.6 | 95.2 | 94.9 | 97.8 | 95.6 | 96.2 | 93.2 | 90.7 | 80.4 |
| Primary aluminum production | 331313pt. | .05 | 39.5 | 38.4 | 39.1 | 38.9 | 40.3 | 39.6 | 39.8 | 38.3 | 39.0 | 38.4 | 39.5 | 39.3 |
| Secondary smelting and alloying of aluminum | 331314 | .04 | 118.1 | 111.0 | 111.2 | 118.8 | | | 114.6 | 111.8 | 114.3 | 114.5 | | |
| Misc. aluminum materials | 331315.8pt. | .16 | 106.6 | 101.7 | 100.1 | 100.1 | 103.7 | | 108.0 | 104.5 | 105.7 | 98.8 | 98.1 | |
| Aluminum extruded product | 331318pt. | .10 | 113.1 | 107.2 | 106.6 | 110.1 | 110.8 | | 112.8 | 112.7 | 111.8 | 112.4 | 103.2 | |
| Nonferrous metal (except aluminum) production and processing | 3314 | .45 | 110.7 | 114.6 | 117.1 | 115.5 | 114.5 | 115.0 | 111.4 | 111.3 | 114.8 | 114.7 | 114.6 | 117.4 |
| Nonferrous metal (except aluminum) smelting and refining | 33141 | .14 | 110.3 | 124.4 | 127.7 | 121.9 | 120.8 | 121.3 | 107.3 | 117.7 | 123.0 | 126.0 | 124.9 | 127.8 |
| Primary smelting and refining of copper | 33141pt. | .08 | 136.6 | 160.5 | 169.5 | 156.5 | 154.9 | 155.8 | 141.2 | 159.7 | 165.0 | 164.0 | 159.2 | 156.0 |
| Primary smelting and refining of nonferrous | 33141pt. | .06 | 84.6 | 89.8 | 88.0 | | | | 74.8 | 77.8 | 83.1 | | | |
| Foundries | 3315 | .57 | 92.5 | 91.8 | 91.7 | 92.8 | 93.9 | 92.5 | 92.0 | 91.2 | 92.0 | 92.7 | 94.1 | 93.8 |
| Fabricated metal product | 332 | 6.10 | 100.2 | 99.8 | 100.6 | 101.5 | 100.5 | 101.2 | 100.7 | 100.6 | 100.9 | 101.4 | 100.7 | 102.4 |
| Forging and stamping | 3321 | .50 | 108.5 | 105.7 | 108.6 | 109.4 | 106.1 | 106.4 | 107.7 | 105.2 | 107.9 | 109.0 | 106.9 | 108.3 |
| Cutlery and handtool | 3322 | .20 | 90.1 | 89.8 | 89.1 | 90.2 | 89.5 | 88.1 | 89.5 | 88.6 | 88.4 | 90.0 | 90.4 | 89.9 |
| Architectural and structural metals | 3323 | 1.28 | 105.3 | 105.2 | 105.5 | 106.8 | 106.0 | 105.5 | 107.3 | 107.5 | 107.2 | 107.8 | 106.7 | 106.9 |
| Hardware | 3325 | .14 | 117.9 | 113.2 | 115.5 | 117.9 | 111.8 | 111.2 | 116.8 | 113.7 | 115.1 | 115.8 | 110.6 | 112.6 |
| Spring and wire product | 3326 | .15 | 103.2 | 102.5 | 102.6 | 104.1 | 98.8 | 97.8 | 101.3 | 102.2 | 101.7 | 103.9 | 101.1 | 101.5 |
| Machine shops; turned product; and screw, nut, and bolt | 3327 | 1.35 | 94.3 | 93.0 | 94.4 | 94.0 | 92.9 | 94.6 | 93.4 | 93.2 | 93.8 | 93.7 | 93.4 | 95.8 |
| Coating, engraving, heat treating, and allied | 3328 | .57 | 106.3 | 107.0 | 106.3 | 108.1 | 110.6 | 110.6 | 105.9 | 107.6 | 107.4 | 110.1 | 110.9 | 111.5 |
| Other fabricated metal product | 3329 | 1.41 | 97.4 | 98.4 | 99.4 | 101.0 | 100.2 | 102.3 | 98.1 | 98.1 | 98.3 | 99.7 | 100.3 | 104.3 |
| Ball and roller bearing | 332991 | .13 | 99.8 | 99.7 | 99.7 | 99.6 | 99.6 | 99.5 | 100.1 | 98.6 | 96.1 | 93.6 | 95.5 | 103.4 |
| Machinery | 333 | 6.32 | 94.8 | 93.3 | 92.0 | 92.4 | 91.2 | 92.1 | 90.4 | 92.1 | 90.9 | 91.1 | 89.5 | 86.6 |
| Agriculture, construction, and mining machinery | 3331 | 1.52 | 80.8 | 75.2 | 74.8 | 75.7 | 72.0 | 74.4 | 74.4 | 77.4 | 74.8 | 74.8 | 70.2 | 62.7 |
| Agricultural implement | 33311 | .56 | 86.0 | 77.6 | 90.5 | 95.4 | 85.6 | 92.2 | 82.4 | 83.8 | 91.4 | 88.8 | 80.8 | 70.2 |
| Farm machinery and equipment | 333111 | .47 | 83.8 | 73.2 | 88.7 | 93.8 | 82.6 | 90.8 | 81.0 | 81.9 | 90.4 | 86.7 | 76.8 | 64.3 |
| Construction machinery | 33312 | .56 | 90.2 | 85.2 | 72.6 | 69.8 | 68.9 | 69.0 | 77.1 | 85.4 | 72.0 | 73.9 | 68.0 | 57.8 |
| Mining and oil and gas field machinery | 33313 | .40 | 61.4 | 58.7 | 58.1 | 58.7 | 59.4 | 59.3 | 60.5 | 58.3 | 57.5 | 58.3 | 59.9 | 60.5 |
| Industrial machinery | 3332 | .65 | 115.2 | 115.9 | 113.6 | 114.1 | 118.2 | 119.7 | 115.6 | 114.2 | 111.6 | 110.9 | 115.4 | 122.8 |
| Commercial and service industry machinery and other | 3333,9 | 2.14 | 100.6 | 100.8 | 99.9 | 98.5 | 98.2 | 99.5 | 100.4 | 100.7 | 100.0 | 98.7 | 99.4 | 100.6 |
| HVAC, metalworking, and power transmission machinery | 3334-6 | 2.01 | 95.2 | 94.8 | 92.4 | 94.3 | 92.9 | 91.8 | 86.6 | 89.6 | 89.6 | 91.7 | 88.4 | 82.2 |
| Ventilation, heating, air-conditioning, and commercial refrigeration equipment | 3334 | .71 | 109.1 | 109.2 | 106.7 | 106.2 | 105.2 | 102.3 | 96.6 | 95.6 | 99.3 | 98.6 | 93.5 | 80.9 |
| Metalworking machinery | 3335 | .60 | 95.5 | 95.5 | 95.2 | 94.9 | 92.9 | 93.6 | 95.0 | 94.9 | 95.2 | 95.0 | 93.8 | 95.8 |
| Engine, turbine, and power transmission equipment | 3336 | .69 | 81.9 | 80.5 | 76.7 | 82.7 | 81.4 | 80.4 | 70.8 | 79.9 | 76.0 | 82.8 | 79.5 | 72.9 |

^r Revised. ^p Preliminary.

1. The IP proportion data are estimates of the industries' relative contributions to overall IP growth in the following year.

Table 1D
INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

| Item | NAICS | 2015 IP Proportion ¹ | Index, 2012 = 100 | | | | | | | | | | | |
|--|-------------|---------------------------------------|---------------------------|-------------------|--------------------|-------------------|-------------------|-------------------|---------------------------|-------------------|--------------------|-------------------|-------------------|-------------------|
| | | | Seasonally adjusted | | | | | | Not seasonally adjusted | | | | | |
| | | | 2016 July ^r | Aug. ^r | Sept. ^r | Oct. ^r | Nov. ^r | Dec. ^p | 2016 July ^r | Aug. ^r | Sept. ^r | Oct. ^r | Nov. ^r | Dec. ^p |
| Computer and electronic product | 334 | 5.88 | 113.5 | 114.3 | 114.2 | 115.7 | 115.6 | 116.6 | 112.2 | 113.8 | 117.5 | 116.6 | 117.1 | 120.3 |
| Computer and peripheral equipment | 3341 | .36 | 105.2 | 106.3 | 107.9 | 109.3 | 105.3 | 107.8 | 105.6 | 106.6 | 109.4 | 110.8 | 110.2 | 113.0 |
| Communications equipment | 3342 | .64 | 125.3 | 125.2 | 125.3 | 125.6 | 126.2 | 126.2 | 124.4 | 123.7 | 125.5 | 134.3 | 136.3 | 132.9 |
| Audio and video equipment | 3343 | .07 | 111.0 | 100.3 | 92.0 | 107.6 | 111.3 | 105.1 | 107.3 | 101.3 | 91.6 | 102.8 | 110.4 | 106.1 |
| Semiconductor and other electronic component | 3344 | 1.66 | 139.1 | 138.2 | 139.1 | 140.3 | 139.7 | 139.5 | 135.2 | 136.7 | 153.5 | 140.1 | 137.2 | 146.7 |
| Navigational, measuring, electromedical and control | 3345 | 3.09 | 99.2 | 101.1 | 100.6 | 101.9 | 102.2 | 103.8 | 98.6 | 100.9 | 100.5 | 102.0 | 103.4 | 105.5 |
| Electrical equipment, appliance, and component | 335 | 1.96 | 102.8 | 101.9 | 101.6 | 101.4 | 101.7 | 100.6 | 99.6 | 102.0 | 101.6 | 103.0 | 103.5 | 100.0 |
| Household appliance | 3352 | .30 | 118.7 | 113.2 | 119.1 | 119.2 | 118.8 | 121.6 | 108.9 | 111.8 | 115.6 | 126.3 | 121.7 | 105.0 |
| Small electrical appliance | 33521 | .05 | 128.2 | 129.3 | 129.8 | 130.4 | 127.5 | 129.6 | 129.6 | 123.7 | 121.2 | 126.0 | 128.9 | 132.2 |
| Major appliance | 33522 | .25 | 116.7 | 109.9 | 116.8 | 116.8 | 116.9 | 119.8 | 104.6 | 109.3 | 114.3 | 126.3 | 120.2 | 99.4 |
| Electrical equipment except appliances | 3351,3-9 | 1.66 | 100.1 | 100.0 | 98.7 | 98.4 | 98.9 | 97.0 | 98.1 | 100.3 | 99.3 | 99.0 | 100.4 | 99.1 |
| Electric lighting equipment | 3351 | .23 | 105.2 | 105.0 | 104.9 | 104.8 | 104.7 | 104.5 | 102.9 | 105.2 | 106.2 | 103.8 | 104.8 | 106.2 |
| Electrical equipment | 3353 | .60 | 89.8 | 89.4 | 86.1 | 84.2 | 84.9 | 83.4 | 89.2 | 90.1 | 86.6 | 85.4 | 86.3 | 86.0 |
| Other electrical equipment and component | 3359 | .83 | 106.9 | 107.1 | 106.9 | 107.9 | 108.2 | 105.8 | 103.8 | 107.1 | 107.3 | 108.5 | 110.4 | 107.6 |
| Battery | 33591 | .17 | 103.4 | 102.9 | 101.3 | 105.7 | 103.4 | 101.6 | 96.3 | 103.1 | 104.6 | 107.6 | 107.4 | 104.8 |
| Communication and energy wire and cable | 33592 | .17 | 103.5 | 103.9 | 104.3 | 104.1 | 105.8 | 103.3 | 99.3 | 102.9 | 103.5 | 102.6 | 105.7 | 104.0 |
| Other electrical equipment | 33593,9 | .49 | 109.5 | 109.9 | 110.1 | 110.2 | 111.0 | 108.3 | 108.3 | 110.2 | 109.9 | 111.1 | 113.2 | 110.0 |
| Transportation equipment | 336 | 11.21 | 117.6 | 118.3 | 118.0 | 118.4 | 117.6 | 118.3 | 105.9 | 120.5 | 120.1 | 123.8 | 116.9 | 111.6 |
| Motor vehicle | 3361 | 2.74 | 124.3 | 127.3 | 128.2 | 129.5 | 124.3 | 127.4 | 99.2 | 134.0 | 132.2 | 140.4 | 120.2 | 109.4 |
| Automobile and light duty motor vehicle | 33611 | 2.46 | 129.5 | 133.6 | 134.0 | 135.1 | 129.2 | 132.7 | 102.9 | 141.3 | 138.0 | 146.6 | 125.4 | 113.7 |
| Automobile | 336111 | .82 | 104.1 | 108.2 | 109.2 | 102.9 | 104.1 | 103.0 | 81.7 | 113.9 | 111.9 | 113.9 | 102.1 | 88.3 |
| Light truck and utility vehicle | 336112 | 1.65 | 145.1 | 149.0 | 149.1 | 155.0 | 144.5 | 151.0 | 115.8 | 158.0 | 153.9 | 166.7 | 139.6 | 129.3 |
| Heavy duty truck | 33612 | .27 | 79.2 | 74.5 | 78.6 | 81.2 | 82.1 | 81.6 | 67.7 | 73.3 | 82.9 | 87.9 | 75.9 | 72.8 |
| Motor vehicle body and trailer | 3362 | .48 | 129.6 | 134.7 | 139.9 | 143.5 | 146.6 | 149.7 | 123.6 | 131.9 | 131.8 | 144.1 | 132.6 | 130.4 |
| Truck trailer | 336212 | .10 | 107.2 | 108.6 | 114.6 | 123.8 | 120.0 | 122.2 | 106.8 | 114.7 | 121.8 | 122.3 | 111.4 | 102.2 |
| Motor home | 336213 | .04 | 200.3 | 190.5 | 189.1 | 200.6 | 208.9 | | 164.8 | 194.3 | 191.7 | 201.7 | 185.5 | |
| Travel trailer and camper | 336214 | .17 | 134.3 | 151.8 | 167.5 | 172.5 | 178.4 | 181.5 | 123.6 | 137.1 | 139.0 | 173.6 | 147.3 | 142.4 |
| Motor vehicle parts | 3363 | 2.64 | 135.6 | 134.1 | 133.1 | 133.8 | 132.9 | 134.4 | 111.7 | 139.8 | 138.2 | 145.3 | 135.4 | 122.3 |
| Aerospace product and parts | 3364 | 4.24 | 107.6 | 107.9 | 106.4 | 106.4 | 106.8 | 105.6 | 107.5 | 107.7 | 107.3 | 107.0 | 107.8 | 107.7 |
| Aircraft and parts | 336411-3 | 3.75 | 108.5 | 108.9 | 107.1 | 107.1 | 107.5 | 106.3 | 108.4 | 108.7 | 108.3 | 107.9 | 108.5 | 108.4 |
| Railroad eq., ships and boats, and other | 3365-9 | 1.11 | 98.8 | 98.8 | 100.2 | 98.1 | 101.2 | 101.7 | 94.6 | 95.7 | 100.1 | 99.4 | 99.6 | 100.4 |
| Railroad rolling stock | 3365 | .24 | 133.6 | 133.0 | 135.8 | 136.8 | 136.6 | 140.7 | 130.9 | 132.8 | 141.8 | 141.4 | 141.7 | 143.9 |
| Ship and boat building | 3366 | .63 | 91.0 | 92.2 | 93.2 | 89.4 | 94.6 | 93.3 | 84.8 | 87.0 | 90.3 | 89.8 | 90.1 | 89.6 |
| Other transportation equipment | 3369 | .24 | 93.2 | 90.6 | 92.1 | 92.4 | 92.0 | 95.0 | 93.0 | 91.0 | 94.7 | 93.6 | 93.1 | 96.3 |
| Furniture and related product | 337 | 1.24 | 103.7 | 103.2 | 102.9 | 104.0 | 104.8 | 104.4 | 105.1 | 108.7 | 104.5 | 99.9 | 105.0 | 106.9 |
| Household and institutional furniture and kitchen | 3371 | .62 | 107.0 | 107.2 | 107.0 | 108.5 | 109.2 | 108.4 | 108.5 | 109.0 | 106.8 | 107.8 | 109.0 | 109.5 |
| Office and other furniture | 3372,9 | .62 | 100.6 | 99.4 | 99.1 | 99.8 | 100.6 | 100.6 | 101.9 | 108.4 | 102.5 | 92.4 | 101.2 | 104.4 |
| Miscellaneous | 339 | 3.18 | 108.0 | 105.7 | 108.1 | 106.4 | 104.7 | 104.4 | 106.4 | 105.7 | 107.1 | 106.4 | 105.9 | 107.2 |
| Medical equipment and supplies | 3391 | 1.99 | 109.2 | 105.5 | 108.4 | 106.4 | 104.6 | 104.1 | 107.3 | 105.4 | 107.3 | 105.8 | 105.5 | 106.9 |
| Logging | 1133 | .18 | 105.0 | 101.7 | 103.8 | 104.6 | 109.1 | 108.0 | 110.6 | 111.9 | 110.9 | 110.0 | 109.5 | 105.6 |
| Newspaper, periodical, book, and directory publishers | 5111 | 2.28 | 80.4 | 79.8 | 79.4 | 79.0 | 79.2 | 79.0 | 88.9 | 88.9 | 82.3 | 79.7 | 80.0 | 79.6 |
| Newspaper publishers | 51111 | .67 | 77.7 | 76.5 | 74.8 | 75.2 | 76.5 | 76.6 | 73.6 | 74.7 | 76.1 | 82.5 | 79.1 | 75.6 |
| Periodical, book, and other publishers | 51112-9 | 1.61 | 81.6 | 81.3 | 81.4 | 80.7 | 80.4 | 80.0 | 95.7 | 95.3 | 85.2 | 78.6 | 80.5 | 81.4 |
| STAGE-OF-PROCESS GROUPS (CAPACITY²) | | | | | | | | | | | | | | |
| Crude | | 14.84 | 104.5 | 104.1 | 104.0 | 106.3 | 105.8 | 106.0 | 104.4 | 105.0 | 104.7 | 106.0 | 106.2 | 106.1 |
| Primary and semifinished | | 44.78 | 104.6 | 104.8 | 104.3 | 103.9 | 103.0 | 104.5 | 106.9 | 108.9 | 105.6 | 102.5 | 101.0 | 103.7 |
| Finished | | 40.38 | 102.6 | 102.3 | 102.4 | 102.5 | 102.0 | 102.4 | 100.1 | 103.5 | 103.5 | 104.1 | 102.1 | 100.7 |

r Revised. p Preliminary.

1. The IP proportion data are estimates of the industries' relative contributions to overall IP growth in the following year.

2. Industrial production aggregates consistent with the stage-of-process capacity groups.

Table 1E
INDUSTRIAL PRODUCTION: MARKET GROUP SUMMARY

| Item | NAICS | 2015 IP Proportion ¹ | Index, 2012 = 100 | | | | | | | | | | | |
|--|-------|---------------------------------------|---------------------------|-------------------|--------------------|-------------------|-------------------|-------------------|---------------------------|-------------------|--------------------|-------------------|-------------------|-------------------|
| | | | Seasonally adjusted | | | | | | Not seasonally adjusted | | | | | |
| | | | 2016 July ^r | Aug. ^r | Sept. ^r | Oct. ^r | Nov. ^r | Dec. ^p | 2016 July ^r | Aug. ^r | Sept. ^r | Oct. ^r | Nov. ^r | Dec. ^p |
| Total index | | 100.00 | 104.5 | 104.4 | 104.2 | 104.4 | 103.7 | 104.6 | 104.5 | 106.9 | 105.4 | 104.4 | 102.9 | 103.5 |
| Products and nonindustrial supplies | | 55.52 | 102.2 | 102.0 | 102.0 | 102.0 | 101.5 | 102.2 | 101.7 | 104.4 | 103.2 | 102.4 | 100.8 | 101.4 |
| Final products | | 41.20 | 101.0 | 101.1 | 100.9 | 100.8 | 100.1 | 101.0 | 99.5 | 103.0 | 101.6 | 101.0 | 99.4 | 100.2 |
| Consumer goods | | 27.08 | 103.9 | 104.1 | 104.0 | 103.8 | 102.8 | 103.9 | 102.9 | 106.9 | 104.7 | 103.6 | 101.3 | 103.0 |
| Durable | | 6.36 | 119.8 | 120.7 | 121.8 | 122.9 | 121.3 | 122.7 | 110.8 | 122.7 | 122.1 | 126.3 | 119.0 | 115.2 |
| Automotive products | | 3.18 | 134.1 | 137.0 | 138.5 | 140.0 | 136.7 | 139.6 | 114.9 | 140.2 | 139.5 | 147.0 | 131.8 | 124.2 |
| Autos and trucks, consumer | | 1.85 | 141.0 | 145.5 | 146.2 | 147.5 | 141.2 | 145.2 | 112.0 | 154.0 | 150.6 | 160.1 | 137.0 | 124.4 |
| Auto parts and allied goods | | 1.33 | 124.7 | 125.7 | 128.3 | 130.0 | 130.4 | 131.8 | 118.0 | 122.3 | 124.9 | 130.1 | 124.6 | 123.3 |
| Other goods | | 3.18 | 107.4 | 106.6 | 107.4 | 108.2 | 108.0 | 108.1 | 106.8 | 107.6 | 107.0 | 108.6 | 107.9 | 107.1 |
| Home electronics | | .17 | 106.3 | 102.9 | 100.7 | 107.0 | 106.8 | 105.7 | 105.2 | 104.0 | 101.4 | 106.7 | 108.7 | 107.7 |
| Appliances, furniture, and carpeting | | .90 | 109.6 | 107.9 | 108.4 | 109.6 | 109.4 | 109.6 | 108.6 | 109.2 | 105.0 | 107.7 | 105.9 | 102.4 |
| Household appliances | | .23 | 117.8 | 113.8 | 118.5 | 119.4 | 118.8 | 120.4 | 102.0 | 104.4 | 106.4 | 117.0 | 113.6 | 97.0 |
| Carpeting and furniture | | .67 | 106.9 | 105.9 | 105.0 | 106.3 | 106.3 | 106.1 | 110.9 | 110.8 | 104.6 | 104.7 | 103.4 | 104.2 |
| Miscellaneous goods | | 2.11 | 106.5 | 106.4 | 107.6 | 107.8 | 107.4 | 107.7 | 106.1 | 107.3 | 108.4 | 109.1 | 108.7 | 109.1 |
| Nondurable | | 20.72 | 99.8 | 99.8 | 99.3 | 98.8 | 97.9 | 98.9 | 100.8 | 102.7 | 100.2 | 97.6 | 96.7 | 99.8 |
| Non-energy | | 17.34 | 97.4 | 96.9 | 96.9 | 96.8 | 96.6 | 96.6 | 98.0 | 100.0 | 99.4 | 98.3 | 96.4 | 94.9 |
| Foods and tobacco | | 9.60 | 102.3 | 102.2 | 102.0 | 101.8 | 101.5 | 102.2 | 101.7 | 106.1 | 106.0 | 105.1 | 101.4 | 98.1 |
| Clothing | | .26 | 80.9 | 80.7 | 82.4 | 82.4 | 82.7 | 83.0 | 79.1 | 81.1 | 82.4 | 81.8 | 83.2 | 83.3 |
| Chemical products | | 5.71 | 92.0 | 91.0 | 90.8 | 91.2 | 91.3 | 90.4 | 91.2 | 90.4 | 91.2 | 91.4 | 90.8 | 91.4 |
| Paper products | | 1.26 | 83.4 | 83.3 | 83.7 | 83.4 | 83.2 | 82.5 | 99.4 | 99.4 | 87.7 | 79.9 | 81.9 | 83.5 |
| Miscellaneous goods | | .52 | 110.0 | 106.7 | 109.8 | 108.0 | 106.5 | 105.5 | 108.6 | 107.0 | 109.2 | 107.8 | 107.5 | 108.3 |
| Energy | | 3.38 | 109.8 | 113.1 | 109.6 | 106.0 | 101.3 | 108.8 | 114.6 | 115.4 | 101.2 | 89.3 | 95.0 | 126.0 |
| Fuels | | 1.11 | 108.8 | 109.5 | 109.4 | 107.7 | 110.3 | 108.3 | 110.9 | 111.3 | 109.2 | 107.6 | 111.8 | 111.2 |
| Residential utilities | | 2.26 | 109.2 | 113.4 | 108.8 | 104.6 | 97.4 | 108.0 | 113.6 | 114.6 | 96.5 | 81.4 | 87.5 | 128.2 |
| Equipment, total | | 14.13 | 95.5 | 95.4 | 95.2 | 95.3 | 95.1 | 95.8 | 93.4 | 95.9 | 95.7 | 96.1 | 95.7 | 95.2 |
| Business equipment | | 11.32 | 102.7 | 102.2 | 101.9 | 102.0 | 101.4 | 102.1 | 100.0 | 102.9 | 102.5 | 102.9 | 101.9 | 101.0 |
| Transit | | 3.09 | 114.8 | 115.9 | 115.6 | 115.8 | 115.2 | 115.2 | 108.8 | 117.0 | 117.8 | 119.3 | 114.2 | 111.8 |
| Business vehicles | | .89 | 93.0 | 93.6 | 94.9 | 96.0 | 92.9 | 94.4 | 75.2 | 97.3 | 98.2 | 104.0 | 89.0 | 81.7 |
| Business light vehicles | | .62 | 98.7 | 101.5 | 101.6 | 102.2 | 97.4 | 99.8 | 78.3 | 107.3 | 104.5 | 110.7 | 94.4 | 85.3 |
| Autos | | .22 | 86.2 | 89.6 | 90.4 | 85.2 | 86.2 | 85.3 | 67.5 | 94.2 | 92.5 | 94.1 | 84.4 | 73.0 |
| Trucks | | .39 | 105.3 | 107.8 | 107.4 | 111.2 | 103.2 | 107.4 | 84.0 | 114.2 | 110.8 | 119.5 | 99.6 | 91.8 |
| Information processing | | 2.45 | 105.2 | 106.7 | 106.5 | 107.5 | 107.5 | 109.0 | 104.5 | 106.3 | 106.5 | 109.0 | 110.4 | 111.9 |
| Industrial and other | | 5.78 | 96.8 | 94.8 | 94.5 | 94.2 | 93.2 | 94.0 | 94.7 | 95.8 | 94.6 | 93.6 | 93.5 | 92.4 |
| Industrial equipment | | 3.52 | 94.3 | 93.5 | 90.4 | 89.7 | 89.8 | 90.1 | 92.0 | 93.3 | 89.9 | 90.0 | 90.0 | 89.7 |
| Other equipment | | 2.26 | 100.7 | 96.9 | 101.2 | 101.5 | 98.8 | 100.2 | 99.0 | 99.9 | 102.3 | 99.5 | 99.1 | 96.6 |
| Oil and gas well drilling and manufactured homes | | .44 | 29.5 | 30.9 | 32.8 | 34.9 | 36.9 | 39.4 | 29.3 | 32.2 | 33.8 | 36.2 | 37.3 | 38.0 |
| Defense and space equipment | | 2.37 | 87.4 | 88.1 | 87.8 | 87.3 | 88.7 | 88.4 | 87.3 | 87.9 | 87.9 | 87.9 | 89.4 | 90.0 |
| Nonindustrial supplies | | 14.32 | 105.6 | 104.8 | 105.4 | 105.5 | 105.5 | 105.6 | 108.0 | 108.4 | 107.9 | 106.7 | 105.1 | 104.8 |
| Construction supplies | | 5.12 | 109.2 | 107.8 | 108.5 | 109.5 | 110.6 | 110.3 | 114.5 | 113.8 | 113.3 | 112.7 | 110.5 | 106.0 |
| Business supplies | | 9.19 | 103.8 | 103.3 | 103.8 | 103.4 | 102.9 | 103.3 | 104.7 | 105.6 | 105.1 | 103.7 | 102.3 | 104.4 |
| Non-energy business supplies | | 7.33 | 102.9 | 101.5 | 102.5 | 102.7 | 102.7 | 102.3 | 102.3 | 102.4 | 103.9 | 103.8 | 103.3 | 103.2 |
| Commercial energy products | | 1.86 | 107.4 | 110.7 | 108.9 | 106.3 | 103.5 | 107.1 | 114.6 | 118.5 | 109.9 | 103.3 | 98.5 | 109.1 |
| Materials | | 44.48 | 107.0 | 107.0 | 106.4 | 106.9 | 106.0 | 107.0 | 107.5 | 109.7 | 107.6 | 106.3 | 104.9 | 105.6 |
| Non-energy | | 28.59 | 103.9 | 103.3 | 103.2 | 103.9 | 104.0 | 103.9 | 101.5 | 104.5 | 104.6 | 105.2 | 103.9 | 102.0 |
| Durable | | 17.81 | 106.1 | 105.5 | 105.0 | 105.7 | 105.6 | 105.8 | 102.2 | 106.8 | 106.9 | 107.5 | 105.5 | 103.2 |
| Consumer parts | | 3.32 | 122.1 | 120.5 | 119.6 | 119.9 | 118.9 | 119.7 | 100.7 | 121.6 | 120.8 | 126.8 | 118.4 | 106.8 |
| Equipment parts | | 5.91 | 106.3 | 105.9 | 104.5 | 105.7 | 105.3 | 105.2 | 103.7 | 105.5 | 106.7 | 105.9 | 105.4 | 106.3 |
| Computer and other board assemblies and parts | | .24 | 101.0 | 99.1 | 101.3 | 98.2 | 96.1 | 97.9 | 97.4 | 97.8 | 108.7 | 99.1 | 94.0 | 102.8 |
| Semiconductors, printed circuit boards, and other | | 1.09 | 141.2 | 140.6 | 141.0 | 143.3 | 142.6 | 142.2 | 138.0 | 139.4 | 154.9 | 143.0 | 140.8 | 149.1 |
| Other equipment parts | | 4.58 | 98.5 | 98.3 | 96.4 | 97.6 | 97.3 | 97.2 | 96.1 | 98.0 | 96.4 | 97.8 | 97.8 | 97.2 |
| Other | | 8.58 | 100.4 | 100.0 | 100.1 | 100.7 | 101.2 | 101.4 | 101.8 | 102.4 | 102.1 | 101.9 | 101.0 | 99.9 |
| Basic metals | | 2.59 | 91.7 | 92.5 | 90.5 | 91.5 | 92.7 | 92.8 | 92.3 | 93.0 | 91.7 | 90.8 | 91.8 | 91.7 |
| Miscellaneous materials | | 5.99 | 104.8 | 103.9 | 105.0 | 105.4 | 105.5 | 105.7 | 106.6 | 107.2 | 107.3 | 107.4 | 105.6 | 104.1 |
| Nondurable | | 10.78 | 100.6 | 100.0 | 100.7 | 101.3 | 101.6 | 101.1 | 100.5 | 101.0 | 101.3 | 101.7 | 101.5 | 100.2 |
| Textile | | .44 | 104.7 | 103.4 | 104.7 | 107.1 | 108.3 | 104.8 | 103.8 | 103.9 | 105.6 | 106.3 | 108.1 | 105.7 |
| Paper | | 2.08 | 94.1 | 93.2 | 94.4 | 95.1 | 95.9 | 96.3 | 94.8 | 94.5 | 95.1 | 94.3 | 95.9 | 95.8 |
| Chemical | | 5.09 | 100.1 | 99.4 | 100.0 | 100.7 | 100.9 | 99.8 | 100.8 | 100.5 | 100.8 | 100.5 | 100.5 | 99.3 |
| Other materials | | 3.17 | 105.3 | 105.2 | 105.7 | 105.9 | 105.8 | 106.1 | 103.5 | 106.0 | 105.9 | 108.0 | 106.2 | 103.8 |
| Containers | | 1.10 | 103.5 | 104.3 | 105.4 | 105.8 | 106.8 | 106.0 | 105.2 | 108.2 | 108.0 | 107.9 | 103.8 | 98.0 |
| Miscellaneous materials | | 2.07 | 106.3 | 105.6 | 105.9 | 105.9 | 105.3 | 106.1 | 102.6 | 104.8 | 104.7 | 108.1 | 107.6 | 106.9 |
| Energy | | 15.89 | 110.5 | 111.7 | 110.0 | 110.2 | 107.2 | 110.5 | 117.5 | 117.8 | 111.0 | 105.6 | 104.2 | 110.5 |
| Primary energy | | 10.76 | 108.8 | 109.6 | 109.0 | 111.7 | 108.9 | 111.1 | 110.5 | 111.2 | 108.7 | 108.3 | 107.4 | 112.8 |
| Converted fuel | | 5.13 | 107.5 | 109.5 | 106.0 | 102.5 | 99.2 | 104.0 | 122.3 | 122.0 | 108.7 | 96.0 | 93.7 | 101.2 |

r Revised. p Preliminary.

1. The IP proportion data are estimates of the industries' relative contributions to overall IP growth in the following year.

Table 2
CAPACITY UTILIZATION: MANUFACTURING, MINING, AND UTILITIES

Percent of capacity, seasonally adjusted

| Item | NAICS | 2015 Proportion | 1972- 2015 Ave. | 1982 Low | 1988- 1989 High | 1990- 1991 Low | 1994- 1995 High | 2009 Low | 2015 Dec. | 2016 July ^r | Aug. ^r | Sept. ^r | Oct. ^r | Nov. ^r | Dec. ^p |
|--|------------------|--------------------|-----------------------|-------------|-----------------------|----------------------|-----------------------|-------------|--------------|---------------------------|-------------------|--------------------|-------------------|-------------------|-------------------|
| Total industry | | 100.00 | 80.0 | 70.9 | 85.3 | 78.8 | 85.0 | 66.7 | 75.4 | 75.6 | 75.5 | 75.3 | 75.4 | 74.9 | 75.5 |
| STAGE-OF-PROCESS GROUPS | | | | | | | | | | | | | | | |
| Crude | | 15.30 | 86.3 | 78.2 | 87.6 | 84.5 | 90.1 | 77.0 | 77.4 | 76.1 | 76.0 | 76.0 | 77.9 | 77.6 | 77.8 |
| Primary and semifinished | | 44.60 | 80.6 | 68.1 | 86.5 | 78.1 | 87.8 | 63.8 | 75.3 | 75.8 | 75.9 | 75.5 | 75.2 | 74.4 | 75.4 |
| Finished | | 40.10 | 77.0 | 70.7 | 83.4 | 77.3 | 80.6 | 66.6 | 74.8 | 75.2 | 75.0 | 75.0 | 75.0 | 74.6 | 74.9 |
| INDUSTRY GROUPS | | | | | | | | | | | | | | | |
| Manufacturing | | 78.58 | 78.5 | 68.6 | 85.6 | 77.3 | 84.6 | 63.8 | 75.2 | 75.1 | 74.7 | 74.7 | 74.9 | 74.7 | 74.8 |
| Manufacturing (NAICS) | 31-33 | 75.80 | 78.4 | 67.9 | 85.6 | 77.2 | 84.7 | 63.5 | 75.6 | 75.6 | 75.2 | 75.2 | 75.4 | 75.2 | 75.3 |
| Durable manufacturing | | 41.24 | 76.9 | 63.0 | 84.9 | 73.9 | 83.7 | 58.2 | 76.0 | 76.3 | 76.0 | 75.9 | 76.1 | 75.8 | 76.2 |
| Wood products | 321 | 1.41 | 76.4 | 59.5 | 86.4 | 72.1 | 86.6 | 48.6 | 68.7 | 65.0 | 64.8 | 64.2 | 65.0 | 66.2 | 65.8 |
| Nonmetallic mineral products | 327 | 2.52 | 74.0 | 64.2 | 83.4 | 71.3 | 82.5 | 45.0 | 67.0 | 65.0 | 64.1 | 64.7 | 65.0 | 65.8 | 66.2 |
| Primary metals | 331 | 2.64 | 78.8 | 48.3 | 94.4 | 75.9 | 94.1 | 49.1 | 69.3 | 69.4 | 69.3 | 68.3 | 67.9 | 69.8 | 70.8 |
| Iron and steel products | 3311.2 | 1.19 | 80.1 | 38.0 | 97.8 | 71.2 | 97.9 | 40.3 | 65.2 | 68.6 | 68.7 | 65.8 | 64.4 | 68.1 | 71.0 |
| Fabricated metal products | 332 | 5.71 | 77.6 | 61.5 | 81.8 | 72.6 | 84.9 | 62.1 | 79.8 | 78.9 | 78.6 | 79.2 | 79.9 | 79.2 | 79.8 |
| Machinery | 333 | 6.42 | 77.7 | 57.8 | 85.5 | 73.8 | 87.1 | 58.5 | 70.7 | 73.7 | 72.5 | 71.5 | 71.8 | 70.9 | 71.5 |
| Computer and electronic products | 334 | 6.10 | 77.6 | 78.0 | 82.4 | 77.7 | 84.5 | 69.8 | 73.5 | 71.9 | 72.1 | 71.8 | 72.4 | 72.1 | 72.4 |
| Computer and peripheral equip. | 3341 | .40 | 77.6 | 66.7 | 79.4 | 69.4 | 88.0 | 83.0 | 65.0 | 81.0 | 82.5 | 84.5 | 86.3 | 83.8 | 86.5 |
| Communications equipment | 3342 | .72 | 76.6 | 84.3 | 86.0 | 77.1 | 84.3 | 77.5 | 68.8 | 70.2 | 70.1 | 70.2 | 70.4 | 70.7 | 70.7 |
| Semiconductor and related electronic components | 3344 | 1.70 | 78.9 | 78.2 | 82.6 | 78.4 | 91.8 | 62.4 | 78.0 | 74.1 | 73.1 | 73.1 | 73.2 | 72.3 | 71.8 |
| Electrical equipment, appliances, and components | 335 | 1.77 | 82.6 | 64.7 | 89.2 | 77.3 | 92.7 | 67.0 | 85.4 | 84.2 | 83.4 | 83.1 | 82.9 | 83.1 | 82.1 |
| Transportation equipment | 336 | 10.38 | 74.6 | 55.7 | 87.4 | 68.1 | 79.3 | 49.9 | 81.3 | 82.8 | 83.3 | 83.1 | 83.3 | 82.8 | 83.3 |
| Motor vehicles and parts | 3361-3 | 5.53 | 74.9 | 44.2 | 91.0 | 56.9 | 87.8 | 33.8 | 80.4 | 83.7 | 84.4 | 84.6 | 85.3 | 83.6 | 85.1 |
| Autos and light trucks | 33611 | 2.23 | 76.1 | 39.7 | 93.8 | 53.3 | 89.3 | 26.3 | 81.9 | 85.6 | 88.3 | 88.6 | 89.3 | 85.4 | 87.8 |
| Aerospace and miscellaneous transportation equipment | 3364-9 | 4.85 | 74.0 | 68.4 | 89.1 | 81.8 | 70.1 | 72.4 | 82.3 | 81.7 | 82.0 | 81.3 | 81.0 | 81.8 | 81.2 |
| Furniture and related products | 337 | 1.21 | 76.5 | 64.9 | 82.2 | 68.6 | 82.6 | 56.1 | 76.9 | 75.9 | 75.6 | 75.5 | 76.3 | 77.0 | 76.7 |
| Miscellaneous | 339 | 3.09 | 76.4 | 68.9 | 82.6 | 77.4 | 80.9 | 68.8 | 77.5 | 80.8 | 79.0 | 80.8 | 79.5 | 78.2 | 78.0 |
| Nondurable manufacturing | | 34.55 | 80.3 | 75.3 | 86.7 | 81.4 | 86.0 | 69.3 | 75.1 | 74.6 | 74.1 | 74.4 | 74.5 | 74.5 | 74.2 |
| Food | 311 | 8.16 | 82.2 | 79.6 | 86.3 | 83.1 | 86.4 | 77.9 | 78.0 | 78.9 | 78.5 | 78.2 | 77.7 | 77.3 | 77.9 |
| Beverage and tobacco products | 312 | 3.09 | 76.7 | 78.5 | 87.0 | 75.2 | 85.1 | 65.8 | 71.7 | 67.6 | 67.9 | 68.0 | 68.4 | 68.1 | 67.8 |
| Textile mills | 313 | .41 | 79.2 | 72.4 | 92.0 | 77.4 | 93.8 | 51.4 | 73.2 | 72.7 | 71.8 | 72.5 | 74.6 | 75.7 | 73.3 |
| Textile product mills | 314 | .36 | 79.6 | 71.9 | 90.8 | 76.9 | 88.9 | 56.6 | 70.2 | 71.9 | 70.8 | 71.9 | 70.8 | 70.1 | 68.1 |
| Apparel | 315 | .22 | 78.2 | 74.7 | 84.6 | 77.4 | 88.7 | 61.7 | 68.6 | 65.0 | 65.4 | 67.3 | 68.0 | 68.5 | 69.6 |
| Leather and allied products | 316 | .09 | 71.4 | 72.8 | 80.4 | 71.8 | 79.9 | 45.8 | 50.5 | 52.9 | 52.0 | 53.0 | 52.0 | 52.9 | 51.7 |
| Paper | 322 | 2.42 | 86.6 | 81.4 | 92.6 | 85.6 | 92.7 | 72.9 | 81.9 | 81.7 | 81.5 | 82.5 | 83.4 | 84.5 | 84.5 |
| Printing and support | 323 | 1.84 | 79.7 | 80.3 | 91.8 | 83.1 | 84.9 | 58.9 | 65.6 | 63.6 | 63.2 | 64.0 | 64.2 | 64.9 | 64.4 |
| Petroleum and coal products | 324 | 2.02 | 85.4 | 68.5 | 85.8 | 81.4 | 91.0 | 76.0 | 78.9 | 78.3 | 77.7 | 77.9 | 77.6 | 80.4 | 79.9 |
| Chemicals | 325 | 12.65 | 77.1 | 68.0 | 85.1 | 80.3 | 82.1 | 66.1 | 73.0 | 72.9 | 72.3 | 72.7 | 72.9 | 73.0 | 72.3 |
| Plastics material and resin | 325211 | .73 | 88.2 | 66.1 | 96.9 | 81.5 | 102.1 | 75.9 | 91.2 | 87.6 | 87.8 | 87.3 | 88.2 | 87.3 | |
| Synthetic rubber | 325212 | .08 | 75.3 | 54.6 | 94.4 | 72.5 | 87.4 | 59.8 | 60.1 | 56.5 | 57.1 | 56.7 | 55.5 | 56.1 | 55.1 |
| Artificial and synthetic fibers and filaments | 32522 | .09 | 81.1 | 63.3 | 93.6 | 75.6 | 91.7 | 58.4 | 79.6 | 77.3 | 86.4 | 84.7 | 81.5 | 89.1 | |
| Plastics and rubber products | 326 | 3.29 | 82.0 | 72.4 | 89.8 | 76.8 | 93.3 | 58.4 | 79.6 | 77.9 | 76.5 | 77.0 | 77.1 | 75.9 | 75.5 |
| Other manufacturing (non-NAICS) | 1133,5111 | 2.79 | 81.0 | 86.6 | 91.2 | 80.1 | 83.2 | 67.3 | 65.3 | 61.8 | 61.2 | 60.9 | 60.6 | 60.9 | 60.6 |
| Mining | 21 | 11.19 | 87.3 | 79.7 | 86.2 | 83.8 | 88.6 | 79.0 | 77.5 | 75.1 | 75.3 | 75.4 | 78.2 | 77.9 | 78.1 |
| Oil and gas extraction | 211 | 6.39 | 92.7 | 89.6 | 91.6 | 89.4 | 94.8 | 93.6 | 94.9 | 92.6 | 93.3 | 91.5 | 93.4 | 93.0 | 94.1 |
| Mining (except oil and gas) | 212 | 2.51 | 83.1 | 67.8 | 91.1 | 80.2 | 87.7 | 68.3 | 73.6 | 73.7 | 73.4 | 74.1 | 79.6 | 78.4 | 74.9 |
| Coal mining | 2121 | 1.02 | 85.2 | 76.3 | 92.5 | 79.6 | 87.4 | 75.3 | 60.2 | 68.1 | 66.8 | 68.7 | 78.3 | 73.3 | 68.1 |
| Metal mining | 2122 | .64 | 77.7 | 32.2 | 93.1 | 81.0 | 89.8 | 63.8 | 68.1 | 65.0 | 66.7 | 64.7 | 69.5 | 67.9 | 66.3 |
| Stone and earth minerals | 2123 | .86 | 83.0 | 63.5 | 89.5 | 76.1 | 91.9 | 61.9 | 92.7 | 85.9 | 85.2 | 86.4 | 88.2 | 91.1 | 87.8 |
| Support activities for mining | 213 | 2.29 | 72.8 | 52.9 | 62.0 | 54.2 | 75.4 | 47.9 | 35.7 | 27.8 | 27.5 | 30.4 | 31.6 | 32.7 | 36.1 |
| Utilities | 2211,2 | 10.22 | 85.8 | 76.9 | 93.2 | 84.7 | 93.2 | 78.2 | 75.1 | 80.2 | 82.5 | 80.1 | 77.9 | 74.3 | 79.1 |
| Electric | 2211 | 9.27 | 86.9 | 77.6 | 94.7 | 87.6 | 95.7 | 78.0 | 75.5 | 80.0 | 82.4 | 80.1 | 78.2 | 74.3 | 78.8 |
| Natural gas | 2212 | .96 | 80.2 | 72.9 | 86.4 | 67.5 | 87.4 | 71.9 | 70.6 | 81.9 | 82.3 | 79.9 | 74.6 | 73.4 | 82.2 |
| SPECIAL AGGREGATES | | | | | | | | | | | | | | | |
| Selected high-technology industries | | 2.82 | 77.5 | 75.5 | 81.5 | 75.6 | 86.5 | 71.0 | 73.8 | 73.9 | 73.4 | 73.6 | 73.9 | 73.2 | 73.2 |
| Manufacturing ex. selected high-tech industries | | 75.76 | 78.5 | 68.1 | 86.1 | 77.4 | 84.5 | 63.3 | 75.3 | 75.2 | 74.8 | 74.8 | 75.0 | 74.8 | 74.9 |
| Manufacturing ex. selected high-tech and motor vehicles and pts. | | 70.23 | 78.8 | 69.5 | 85.7 | 79.2 | 84.2 | 66.0 | 74.9 | 74.5 | 74.0 | 74.0 | 74.1 | 74.1 | 74.1 |

r Revised. p Preliminary.

Table 3
INDUSTRIAL CAPACITY: MANUFACTURING, MINING, AND UTILITIES

| Item | NAICS | Percent change | | | | | | | | Capacity indexes | | | | | | |
|--|------------------|----------------|----------------|----------------|----------------------------------|------|------|------|-------------------|------------------------|-----------|-------|-------|-------|-------|-------|
| | | Annual rate | | | Fourth quarter to fourth quarter | | | | | Percent of 2012 output | | | | | | |
| | | 1972-2016 Ave. | 1972-1975 Ave. | 1975-2016 Ave. | 2012 | 2013 | 2014 | 2015 | 2016 ^P | 2015 Dec. | 2016 July | Aug. | Sept. | Oct. | Nov. | Dec. |
| Total industry | | 2.3 | 3.0 | 2.2 | 2.4 | 1.0 | 1.8 | 2.0 | .4 | 138.0 | 138.2 | 138.2 | 138.3 | 138.4 | 138.5 | 138.6 |
| STAGE-OF-PROCESS GROUPS | | | | | | | | | | | | | | | | |
| Crude | | .9 | 1.0 | .9 | 6.3 | 4.9 | 6.5 | 4.8 | -2.5 | 139.7 | 137.3 | 137.0 | 136.7 | 136.5 | 136.3 | 136.1 |
| Primary and semifinished | | 2.3 | 3.6 | 2.2 | 1.4 | .7 | .1 | .6 | 1.0 | 137.2 | 137.9 | 138.0 | 138.1 | 138.3 | 138.4 | 138.5 |
| Finished | | 2.6 | 3.3 | 2.6 | 1.6 | -.2 | .5 | 1.2 | .7 | 135.9 | 136.4 | 136.5 | 136.6 | 136.6 | 136.7 | 136.8 |
| INDUSTRY GROUPS | | | | | | | | | | | | | | | | |
| Manufacturing | | 2.4 | 3.1 | 2.3 | 1.8 | .4 | .2 | .8 | .7 | 137.0 | 137.5 | 137.6 | 137.7 | 137.8 | 137.9 | 138.0 |
| Manufacturing (NAICS) | 31-33 | 2.5 | 3.1 | 2.4 | 2.1 | .6 | .4 | 1.0 | .8 | 137.1 | 137.7 | 137.8 | 137.9 | 137.9 | 138.0 | 138.1 |
| Durable manufacturing | | 3.4 | 3.3 | 3.4 | 2.4 | 1.9 | .3 | .6 | .9 | 139.3 | 140.0 | 140.1 | 140.2 | 140.3 | 140.4 | 140.5 |
| Wood products | 321 | 1.0 | 2.0 | .9 | -2.4 | 1.6 | 3.5 | 4.8 | 4.6 | 163.1 | 167.5 | 168.1 | 168.7 | 169.3 | 170.0 | 170.6 |
| Nonmetallic mineral products | 327 | .9 | .9 | .9 | -1.1 | -1.7 | -.2 | .6 | 1.0 | 175.1 | 176.2 | 176.4 | 176.5 | 176.7 | 176.8 | 177.0 |
| Primary metals | 331 | -.1 | .7 | -.2 | -3.0 | 5.2 | -2.3 | -.3 | -.8 | 135.0 | 134.5 | 134.3 | 134.2 | 134.0 | 133.9 | 133.8 |
| Iron and steel products | 3311,2 | -.3 | -.1 | -.4 | -1.4 | 1.5 | -5.1 | .2 | -1.3 | 127.1 | 126.3 | 126.0 | 125.8 | 125.6 | 125.4 | 125.2 |
| Fabricated metal products | 332 | 1.0 | 3.2 | .8 | 2.7 | -.5 | -.1 | -.5 | -.5 | 127.4 | 127.0 | 127.0 | 126.9 | 126.9 | 126.9 | 126.8 |
| Machinery | 333 | 1.5 | 3.7 | 1.3 | 1.3 | .5 | 1.5 | .2 | .1 | 128.5 | 128.6 | 128.6 | 128.7 | 128.7 | 128.7 | 128.7 |
| Computer and electronic products | 334 | 13.1 | 11.7 | 13.2 | 8.1 | 7.6 | 1.2 | 1.5 | 4.4 | 154.1 | 157.9 | 158.5 | 159.1 | 159.7 | 160.4 | 161.0 |
| Computer and peripheral equip. | 3341 | 19.5 | 31.2 | 18.5 | 35.3 | 1.7 | -6.5 | -6.7 | -9.1 | 137.3 | 129.9 | 128.8 | 127.7 | 126.7 | 125.6 | 124.6 |
| Communications equipment | 3342 | 8.9 | 10.8 | 8.7 | 4.7 | 12.0 | 7.5 | 8.2 | 1.5 | 176.9 | 178.5 | 178.5 | 178.5 | 178.5 | 178.5 | 178.6 |
| Semiconductor and related electronic components | 3344 | 19.7 | 13.2 | 20.4 | 13.9 | 21.4 | -.7 | -2.2 | 8.0 | 179.9 | 187.6 | 189.0 | 190.4 | 191.8 | 193.1 | 194.5 |
| Electrical equipment, appliances, and components | 335 | .7 | 3.7 | .5 | 1.3 | -1.7 | .5 | .0 | .4 | 121.9 | 122.2 | 122.2 | 122.3 | 122.4 | 122.4 | 122.5 |
| Transportation equipment | 336 | 1.8 | 1.9 | 1.8 | 2.9 | 2.1 | -.1 | .6 | .0 | 142.0 | 142.0 | 142.0 | 142.0 | 142.0 | 142.0 | 142.1 |
| Motor vehicles and parts | 3361-3 | 2.4 | 2.9 | 2.3 | 3.0 | 3.9 | .4 | 1.2 | .8 | 154.3 | 155.0 | 155.1 | 155.2 | 155.2 | 155.3 | 155.4 |
| Autos and light trucks | 33611 | 2.5 | 3.8 | 2.4 | -2.2 | 7.7 | 2.1 | 3.0 | .7 | 150.6 | 151.3 | 151.3 | 151.2 | 151.2 | 151.2 | 151.3 |
| Aerospace and miscellaneous transportation equipment | 3364-9 | 1.0 | .5 | 1.1 | 2.3 | .2 | -.5 | -.1 | -.7 | 129.9 | 129.3 | 129.3 | 129.2 | 129.1 | 129.1 | 129.0 |
| Furniture and related products | 337 | 1.1 | 3.4 | .9 | -.7 | -1.7 | -.7 | .5 | -.7 | 137.2 | 136.6 | 136.5 | 136.4 | 136.3 | 136.2 | 136.1 |
| Miscellaneous | 339 | 2.3 | 3.5 | 2.2 | 1.1 | -.3 | -.1 | 1.0 | .4 | 133.5 | 133.7 | 133.7 | 133.8 | 133.8 | 133.8 | 133.8 |
| Nondurable manufacturing | | 1.3 | 2.8 | 1.2 | 1.7 | -.7 | .5 | 1.6 | .7 | 134.8 | 135.3 | 135.4 | 135.5 | 135.6 | 135.7 | 135.7 |
| Food | 311 | 1.7 | 2.8 | 1.6 | 1.9 | 1.1 | 2.6 | 3.1 | 2.2 | 132.2 | 134.0 | 134.2 | 134.4 | 134.7 | 134.9 | 135.1 |
| Beverage and tobacco products | 312 | .4 | .8 | .4 | -.6 | -.9 | -.3 | .2 | 2.1 | 140.8 | 142.6 | 142.9 | 143.2 | 143.5 | 143.8 | 144.1 |
| Textile mills | 313 | -.8 | 2.5 | -1.1 | -5.1 | -.1 | .6 | 1.2 | -1.0 | 141.8 | 140.9 | 140.8 | 140.6 | 140.4 | 140.3 | 140.1 |
| Textile product mills | 314 | .2 | 1.4 | .1 | -2.2 | -1.9 | -1.4 | -.1 | .3 | 153.5 | 153.7 | 153.7 | 153.7 | 153.8 | 153.8 | 153.8 |
| Apparel | 315 | -3.6 | 1.3 | -4.1 | -5.8 | -.9 | -1.1 | -.7 | -5.2 | 130.4 | 126.4 | 125.7 | 125.1 | 124.4 | 123.8 | 123.2 |
| Leather and allied products | 316 | -2.9 | -2.1 | -3.0 | -3.0 | -5.0 | -.3 | .7 | -3.9 | 155.9 | 152.2 | 151.5 | 150.9 | 150.3 | 149.7 | 149.1 |
| Paper | 322 | .8 | 3.2 | .5 | .1 | -.2 | -1.6 | -.6 | -1.2 | 117.5 | 116.7 | 116.6 | 116.4 | 116.3 | 116.2 | 116.0 |
| Printing and support | 323 | 1.8 | 3.4 | 1.6 | .4 | -.2 | -1.7 | -.4 | -.9 | 157.4 | 156.6 | 156.4 | 156.3 | 156.1 | 156.0 | 155.8 |
| Petroleum and coal products | 324 | 1.4 | 5.4 | 1.0 | 2.7 | .5 | .2 | 8.3 | 1.3 | 133.5 | 134.4 | 134.4 | 134.5 | 134.6 | 134.7 | 134.9 |
| Chemicals | 325 | 1.8 | 3.7 | 1.6 | 3.2 | -2.5 | -1.2 | -.2 | -.9 | 134.5 | 133.7 | 133.6 | 133.6 | 133.5 | 133.4 | 133.4 |
| Plastics material and resin | 325211 | 2.4 | 4.7 | 2.1 | 4.1 | -2.3 | .5 | 1.5 | 1.1 | 113.6 | 114.4 | 114.5 | 114.6 | 114.7 | 114.8 | 114.9 |
| Synthetic rubber | 325212 | 1.0 | 3.1 | .8 | 2.7 | 2.4 | 1.1 | 1.3 | 1.0 | 173.5 | 174.5 | 174.7 | 174.8 | 174.9 | 175.1 | 175.2 |
| Artificial and synthetic fibers and filaments | 32522 | -.2 | 14.1 | -1.5 | -11.6 | -3.7 | .0 | .7 | .2 | 116.4 | 116.6 | 116.6 | 116.6 | 116.6 | 116.6 | 116.6 |
| Plastics and rubber products | 326 | 2.6 | 4.6 | 2.5 | -1.8 | -.1 | 1.6 | 2.5 | 3.7 | 135.5 | 138.4 | 138.8 | 139.3 | 139.7 | 140.2 | 140.6 |
| Other manufacturing (non-NAICS) | 1133,5111 | -.1 | 2.9 | -.4 | -3.4 | -5.2 | -5.5 | -4.9 | .4 | 132.1 | 132.3 | 132.5 | 132.6 | 132.8 | 132.9 | 133.0 |
| Mining | 21 | .6 | -.5 | .8 | 5.9 | 6.7 | 8.3 | 5.6 | -3.4 | 142.1 | 139.1 | 138.6 | 138.2 | 137.8 | 137.4 | 137.1 |
| Oil and gas extraction | 211 | .3 | -2.6 | .6 | 9.8 | 11.3 | 12.6 | 5.3 | -2.7 | 141.2 | 139.1 | 138.7 | 138.2 | 137.8 | 137.4 | 137.0 |
| Mining (except oil and gas) | 212 | .8 | 1.6 | .8 | -1.4 | -1.9 | -.8 | -.8 | -1.3 | 124.2 | 123.2 | 123.1 | 123.0 | 122.8 | 122.7 | 122.5 |
| Coal mining | 2121 | .8 | 2.5 | .6 | -3.4 | -2.9 | -1.1 | -2.0 | -5.0 | 115.2 | 111.8 | 111.3 | 110.8 | 110.3 | 109.8 | 109.3 |
| Metal mining | 2122 | 1.1 | 1.9 | 1.0 | 2.9 | -2.1 | -2.3 | -.9 | .0 | 133.3 | 133.3 | 133.3 | 133.3 | 133.3 | 133.4 | 133.4 |
| Stone and earth minerals | 2123 | .4 | -.1 | .5 | -2.6 | .2 | 1.5 | 1.9 | 2.2 | 131.6 | 133.2 | 133.5 | 133.7 | 134.0 | 134.2 | 134.5 |
| Support activities for mining | 213 | .7 | 5.7 | .3 | -1.3 | 3.6 | -8.2 | -2.5 | -8.0 | 132.7 | 126.7 | 125.6 | 124.6 | 123.5 | 122.5 | 121.5 |
| Utilities | 2211,2 | 2.3 | 6.2 | 1.9 | 1.1 | .0 | .9 | .7 | .8 | 130.5 | 131.0 | 131.1 | 131.2 | 131.3 | 131.4 | 131.5 |
| Electric | 2211 | 2.8 | 8.5 | 2.3 | 1.0 | .3 | .9 | .5 | .7 | 129.5 | 130.0 | 130.1 | 130.2 | 130.3 | 130.4 | 130.4 |
| Natural gas | 2212 | .2 | -1.0 | .4 | .9 | .9 | 1.4 | 1.5 | 1.2 | 138.1 | 139.1 | 139.2 | 139.3 | 139.4 | 139.6 | 139.7 |
| SPECIAL AGGREGATES | | | | | | | | | | | | | | | | |
| Selected high-technology industries | | 17.7 | 17.2 | 17.8 | 14.4 | 15.4 | .2 | -.4 | 4.0 | 172.0 | 175.7 | 176.3 | 176.9 | 177.5 | 178.2 | 178.7 |
| Manufacturing ex. selected high-tech industries | | 1.3 | 2.6 | 1.2 | 1.3 | -.1 | .2 | .9 | .6 | 135.7 | 136.1 | 136.2 | 136.3 | 136.3 | 136.4 | 136.5 |
| Manufacturing ex. selected high-tech and motor vehicles and pts. | | 1.2 | 2.6 | 1.1 | 1.2 | -.4 | .2 | .9 | .6 | 134.4 | 134.9 | 134.9 | 135.0 | 135.1 | 135.2 | 135.2 |