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# FEDERAL RESERVE statistical release

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G.17 (419) Supplemental Tables

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## 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](http://www.federalreserve.gov/releases/g17/download.htm)).

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**Table 1A**  
**INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES**

| Item  | NAICS       | 2018<br>IP<br>Proportion <sup>1</sup> | Index, 2012 = 100         |                   |                   |                           |                   |                   |                           |                   |                   |                           |                   |                   |
|---|-------------|---------------------------------------|---------------------------|-------------------|-------------------|---------------------------|-------------------|-------------------|---------------------------|-------------------|-------------------|---------------------------|-------------------|-------------------|
|   |             |                                       | Seasonally adjusted       |                   |                   |                           |                   |                   | Not seasonally adjusted   |                   |                   |                           |                   |                   |
|   |             |                                       | 2018<br>Oct. <sup>r</sup> | Nov. <sup>r</sup> | Dec. <sup>r</sup> | 2019<br>Jan. <sup>r</sup> | Feb. <sup>r</sup> | Mar. <sup>p</sup> | 2018<br>Oct. <sup>r</sup> | Nov. <sup>r</sup> | Dec. <sup>r</sup> | 2019<br>Jan. <sup>r</sup> | Feb. <sup>r</sup> | Mar. <sup>p</sup> |
| <b>Oil and gas extraction</b>                                   | <b>211</b>  | 10.67                                 | 163.6                     | 165.4             | 168.1             | 168.6                     | 169.4             | 168.2             | 164.0                     | 168.0             | 168.2             | 167.4                     | 169.5             | 169.8             |
| Crude petroleum and natural gas extraction                      | 211111      | 10.07                                 | 162.7                     | 164.7             | 167.3             | 167.4                     | 168.6             | 167.7             | 163.0                     | 167.3             | 167.7             | 166.7                     | 169.0             | 169.3             |
| Crude oil   | 211111pt.   | 6.81                                  | 177.7                     | 180.2             | 183.5             | 182.8                     | 185.4             | 183.9             | 177.9                     | 183.6             | 184.1             | 182.7                     | 186.2             | 186.1             |
| Natural gas   | 211111pt.   | 3.26                                  | 135.7                     | 136.5             | 138.1             | 139.5                     | 138.3             |                   | 135.8                     | 137.8             | 138.0             | 137.8                     | 138.1             |                   |
| Natural gas liquid extraction                                   | 211112      | .60                                   | 182.2                     | 180.5             | 184.2             | 192.5                     | 186.9             | 178.7             | 185.0                     | 183.9             | 179.0             | 182.3                     | 180.5             | 180.1             |
| <b>Mining (except oil and gas)</b>                              | <b>212</b>  | 2.13                                  | 91.3                      | 91.2              | 96.9              | 93.9                      | 92.5              | 90.8              | 95.7                      | 92.7              | 91.4              | 82.6                      | 81.8              | 83.4              |
| Coal mining   | 2121        | .71                                   | 71.4                      | 71.7              | 76.0              | 71.4                      | 68.3              | 63.5              | 74.5                      | 73.2              | 74.5              | 70.6                      | 70.3              | 62.3              |
| Metal ore mining  | 2122        | .54                                   | 94.2                      | 94.8              | 97.5              | 94.8                      | 96.1              | 97.9              | 93.9                      | 97.3              | 98.6              | 91.8                      | 94.0              | 96.6              |
| Iron ore mining   | 21221       | .05                                   | 92.8                      | 96.0              | 99.0              | 97.0                      |                   |                   | 95.4                      | 104.0             | 100.0             | 88.1                      |                   |                   |
| Gold ore and silver ore mining                                  | 21222       | .17                                   | 89.8                      | 94.6              | 92.5              | 95.9                      | 91.2              | 93.8              | 90.1                      | 98.5              | 95.3              | 88.7                      | 87.6              | 92.4              |
| Copper, nickel, lead, and zinc mining                           | 21223       | .25                                   | 105.8                     | 102.0             | 109.5             | 103.2                     | 108.7             | 109.7             | 104.7                     | 103.0             | 108.8             | 103.0                     | 107.2             | 108.6             |
| Nonmetallic mineral mining and quarrying                        | 2123        | .88                                   | 117.9                     | 116.8             | 127.0             | 125.6                     | 124.3             | 123.8             | 128.1                     | 117.5             | 110.9             | 93.6                      | 89.6              | 103.0             |
| <b>Support activities for mining</b>                            | <b>213</b>  | 1.76                                  | 64.9                      | 65.2              | 65.3              | 65.7                      | 64.7              | 64.8              | 65.9                      | 66.2              | 65.8              | 65.0                      | 64.5              | 63.2              |
| Drilling oil and gas wells                                      | 213111      | .57                                   | 77.7                      | 78.9              | 79.0              | 79.0                      | 77.9              | 78.2              | 79.0                      | 80.3              | 80.6              | 79.0                      | 77.7              | 76.3              |
| <b>Electric power generation, transmission and distribution</b> | <b>2211</b> | 8.73                                  | 104.8                     | 106.3             | 101.7             | 102.3                     | 105.8             | 105.3             | 96.7                      | 95.3              | 100.6             | 106.5                     | 103.7             | 96.5              |
| Electric power generation                                       | 22111       | 4.37                                  | 102.7                     | 105.0             | 97.3              | 100.0                     | 103.4             | 102.9             | 92.7                      | 95.5              | 97.5              | 103.4                     | 102.8             | 93.8              |
| Hydroelectric, renewables and other power generation            | 221111,4-8  | .49                                   | 128.4                     | 132.2             | 127.9             | 123.7                     | 129.2             | 128.5             | 106.0                     | 121.6             | 124.9             | 129.6                     | 139.8             | 148.1             |
| Hydroelectric power generation                                  | 221111      | .30                                   | 108.1                     | 113.7             | 107.9             | 98.2                      |                   |                   | 79.8                      | 98.5              | 101.3             | 105.9                     |                   |                   |
| Renewables and other power generation                           | 221114-8    | .19                                   | 192.4                     | 190.7             | 190.6             | 203.1                     |                   |                   | 185.6                     | 192.3             | 197.0             | 202.0                     |                   |                   |
| Fossil fuel power generation                                    | 221112      | 2.58                                  | 99.1                      | 101.3             | 89.1              | 93.6                      |                   |                   | 90.8                      | 88.5              | 87.2              | 94.4                      |                   |                   |
| Nuclear electric power generation                               | 221113      | 1.31                                  | 101.0                     | 102.9             | 104.1             | 105.0                     |                   |                   | 91.2                      | 101.4             | 110.0             | 113.1                     |                   |                   |
| Electric power transmission, control, and distribution          | 22112       | 4.36                                  | 107.0                     | 107.6             | 106.3             | 104.5                     | 108.4             | 107.8             | 100.9                     | 95.0              | 103.8             | 109.7                     | 104.7             | 99.2              |
| Commercial and other electricity sales                          | 22112pt.    | 1.61                                  | 111.6                     | 109.9             | 109.8             | 110.7                     |                   |                   | 112.2                     | 101.9             | 105.0             | 108.6                     |                   |                   |
| Industrial electricity sales                                    | 22112pt.    | .71                                   | 97.2                      | 96.5              | 96.3              | 99.0                      |                   |                   | 98.6                      | 93.7              | 92.8              | 95.0                      |                   |                   |
| Residential electricity sales                                   | 22112pt.    | 2.04                                  | 107.2                     | 110.0             | 107.3             | 101.7                     |                   |                   | 93.1                      | 90.2              | 107.1             | 116.1                     |                   |                   |
| <b>Natural gas distribution</b>                                 | <b>2212</b> | 1.66                                  | 130.4                     | 142.2             | 116.9             | 118.4                     | 123.8             | 128.6             | 88.1                      | 155.4             | 191.0             | 229.9                     | 190.3             | 185.6             |
| Commercial and other gas sales                                  | 2212pt.     | .30                                   | 128.1                     | 139.3             | 117.9             | 119.4                     |                   |                   | 97.4                      | 158.1             | 189.9             | 228.1                     |                   |                   |
| Industrial gas sales  | 2212pt.     | .10                                   | 119.5                     | 118.9             | 111.7             | 121.1                     |                   |                   | 115.7                     | 110.9             | 112.8             | 122.4                     |                   |                   |
| Residential gas sales   | 2212pt.     | .89                                   | 132.4                     | 148.4             | 117.6             | 114.3                     |                   |                   | 73.6                      | 172.1             | 222.6             | 273.5                     |                   |                   |
| Gas transmission  | 2212pt.     | .38                                   | 122.9                     | 128.2             | 109.2             | 119.6                     |                   |                   | 106.8                     | 126.2             | 139.4             | 159.0                     |                   |                   |
| <b>Food</b>   | <b>311</b>  | 8.63                                  | 113.4                     | 112.7             | 113.2             | 114.6                     | 115.2             | 115.4             | 116.6                     | 113.8             | 113.1             | 112.2                     | 112.5             | 113.2             |
| Animal food   | 3111        | .65                                   | 129.0                     | 127.7             | 130.2             | 134.1                     | 136.2             | 136.6             | 129.4                     | 131.3             | 133.4             | 136.2                     | 134.6             | 134.3             |
| Grain and oilseed milling                                       | 3112        | .71                                   | 111.3                     | 108.5             | 109.8             | 108.0                     | 110.9             | 109.6             | 113.9                     | 111.5             | 111.1             | 108.6                     | 111.4             | 111.5             |
| Sugar and confectionery product                                 | 3113        | .48                                   | 111.0                     | 112.1             | 117.4             | 118.8                     | 121.2             | 123.0             | 123.6                     | 124.0             | 130.4             | 119.8                     | 121.0             | 119.1             |
| Fruit and vegetable preserving and specialty food               | 3114        | 1.00                                  | 106.9                     | 105.4             | 105.0             | 105.3                     | 105.7             | 107.9             | 115.2                     | 100.6             | 98.3              | 96.1                      | 93.8              | 96.4              |
| Dairy product   | 3115        | .96                                   | 102.8                     | 101.7             | 100.8             | 103.8                     | 101.8             | 101.0             | 98.2                      | 97.9              | 98.9              | 103.1                     | 103.8             | 105.6             |
| Dairy product (except frozen)                                   | 31151       | .87                                   | 102.9                     | 101.6             | 100.8             | 104.2                     | 102.6             | 101.6             | 98.8                      | 99.7              | 101.5             | 105.0                     | 104.8             | 105.8             |
| Fluid milk  | 311511      | .32                                   | 87.4                      | 87.3              | 87.3              | 87.7                      | 87.3              |                   | 84.5                      | 84.7              | 85.7              | 87.6                      | 88.7              |                   |
| Creamery butter   | 311512      | .01                                   | 142.5                     | 149.1             | 155.7             | 155.1                     | 151.4             |                   | 132.3                     | 140.4             | 168.6             | 174.7                     | 172.9             |                   |
| Cheese  | 311513      | .29                                   | 122.1                     | 119.5             | 116.8             | 118.7                     | 119.2             |                   | 122.8                     | 121.3             | 118.7             | 119.2                     | 119.1             |                   |
| Dry, condensed, and evaporated dairy product                    | 311514      | .24                                   | 105.0                     | 102.7             | 102.4             | 112.6                     | 106.9             |                   | 93.6                      | 98.3              | 105.4             | 114.7                     | 112.1             |                   |
| Ice cream and frozen dessert                                    | 31152       | .09                                   | 101.7                     | 102.2             | 100.8             | 99.8                      | 93.7              |                   | 92.1                      | 80.0              | 73.5              | 84.7                      | 94.8              |                   |
| Animal slaughtering and processing                              | 3116        | 1.81                                  | 112.3                     | 112.5             | 111.4             | 112.7                     | 113.6             | 114.1             | 117.7                     | 113.9             | 109.2             | 112.2                     | 113.0             | 113.6             |
| Animal (except poultry) slaughtering and meat                   | 311611-3    | 1.10                                  | 112.8                     | 113.5             | 112.0             | 113.9                     | 114.7             | 114.9             | 118.3                     | 117.6             | 111.8             | 113.3                     | 113.6             | 115.4             |
| Beef  | 311611-3pt. | .67                                   | 108.8                     | 109.3             | 107.6             | 109.8                     | 109.0             |                   | 113.2                     | 112.3             | 104.9             | 107.7                     | 105.3             |                   |
| Pork  | 311611-3pt. | .41                                   | 119.8                     | 120.8             | 119.7             | 121.2                     | 125.0             |                   | 127.5                     | 127.2             | 123.6             | 123.6                     | 128.2             |                   |
| Miscellaneous meats   | 311611-3pt. | .02                                   | 88.8                      | 88.2              | 88.3              | 86.6                      | 86.0              |                   | 88.1                      | 88.4              | 93.6              | 82.9                      | 86.4              |                   |
| Poultry processing  | 311615      | .70                                   | 111.6                     | 110.9             | 110.5             | 110.6                     | 111.7             |                   | 116.6                     | 107.8             | 105.2             | 110.4                     | 111.9             |                   |
| Bakeries and tortilla   | 3118        | 1.19                                  | 106.5                     | 107.7             | 108.2             | 110.1                     | 110.2             | 110.2             | 109.6                     | 112.0             | 112.2             | 106.5                     | 106.4             | 107.1             |
| Other food  | 3119        | 1.69                                  | 129.3                     | 127.7             | 129.1             | 130.1                     | 130.5             | 130.1             | 131.8                     | 130.3             | 130.4             | 127.2                     | 127.0             | 127.0             |
| Coffee and tea  | 31192       | .15                                   | 136.5                     | 134.9             | 135.8             | 136.2                     | 136.5             | 135.9             | 139.4                     | 137.2             | 136.6             | 132.9                     | 133.3             | 133.3             |
| <b>Beverage and tobacco product</b>                             | <b>312</b>  | 2.65                                  | 94.8                      | 94.7              | 97.4              | 94.3                      | 93.4              | 92.1              | 98.3                      | 92.8              | 86.9              | 88.0                      | 94.6              | 96.2              |
| Beverage  | 3121        | 1.75                                  | 107.8                     | 107.7             | 110.1             | 106.3                     | 105.6             | 104.5             | 109.4                     | 105.8             | 107.4             | 98.0                      | 102.9             | 107.0             |
| Soft drink and ice  | 31211       | .49                                   | 88.2                      | 86.2              | 83.4              | 81.3                      | 78.7              | 76.4              | 87.2                      | 84.1              | 82.0              | 78.0                      | 76.2              | 75.3              |
| Breweries   | 31212       | .57                                   | 95.4                      | 97.7              | 106.2             | 97.5                      |                   |                   | 90.1                      | 85.3              | 91.6              | 89.1                      |                   |                   |
| Tobacco   | 3122        | .90                                   | 74.7                      | 74.7              | 77.7              | 75.9                      | 74.5              | 73.2              | 81.0                      | 72.8              | 56.8              | 72.3                      | 81.0              | 79.2              |
| <b>Textile mills</b>  | <b>313</b>  | .33                                   | 99.2                      | 98.0              | 95.0              | 98.7                      | 100.8             | 101.3             | 99.5                      | 99.1              | 96.0              | 96.6                      | 100.1             | 101.1             |
| Fiber, yarn, and thread mills                                   | 3131        | .08                                   | 115.1                     | 114.7             | 106.9             | 113.1                     | 112.2             | 115.0             | 115.3                     | 115.5             | 107.6             | 108.8                     | 111.7             | 115.6             |
| Fabric mills  | 3132        | .16                                   | 93.4                      | 92.0              | 92.4              | 93.9                      | 98.2              | 96.6              | 93.7                      | 92.9              | 93.3              | 93.8                      | 97.5              | 96.6              |
| Textile and fabric finishing and fabric coating                 | 3133        | .08                                   | 99.6                      | 98.2              | 91.7              | 98.2                      | 98.2              | 101.1             | 100.1                     | 100.1             | 93.2              | 93.5                      | 97.1              | 100.1             |
| <b>Textile product mills</b>                                    | <b>314</b>  | .32                                   | 106.1                     | 103.9             | 103.6             | 101.2                     | 99.5              | 101.0             | 110.3                     | 103.8             | 99.0              | 96.4                      | 94.1              | 99.3              |
| Textile furnishings mills                                       | 3141        | .16                                   | 96.3                      | 95.1              | 94.4              | 93.8                      | 91.4              | 90.6              | 102.4                     | 93.7              | 84.0              | 88.6                      | 85.7              | 89.1              |
| Carpet and rug mills  | 31411       | .09                                   | 91.2                      | 89.4              | 88.1              | 87.1                      | 86.2              | 85.3              | 103.4                     | 85.8              | 65.2              | 79.6                      | 79.4              | 84.0              |
| Other textile product mills                                     | 3149        | .16                                   | 116.9                     | 113.8             | 113.9             | 109.5                     | 108.5             | 112.8             | 119.0                     | 115.1             | 116.0             | 105.0                     | 103.5             | 110.8             |

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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      | 2018<br>IP<br>Proportion <sup>1</sup> | Index, 2012 = 100         |                   |                   |       |       |       |                           |                   |                   |       |       |       |
|--|------------|---------------------------------------|---------------------------|-------------------|-------------------|-------|-------|-------|---------------------------|-------------------|-------------------|-------|-------|-------|
|  |            |                                       | Seasonally adjusted       |                   |                   |       |       |       | Not seasonally adjusted   |                   |                   |       |       |       |
|  |            |                                       | 2018<br>Oct. <sup>f</sup> | Nov. <sup>f</sup> | Dec. <sup>f</sup> | 2019  |       |       | 2018<br>Oct. <sup>f</sup> | Nov. <sup>f</sup> | Dec. <sup>f</sup> | 2019  |       |       |
|  |            |                                       | Jan. <sup>f</sup>         | Feb. <sup>f</sup> | Mar. <sup>p</sup> |       |       |       | Jan. <sup>f</sup>         | Feb. <sup>f</sup> | Mar. <sup>p</sup> |       |       |       |
| <b>Apparel</b>                                   | <b>315</b> | .14                                   | 66.6                      | 65.6              | 63.7              | 61.9  | 59.9  | 60.6  | 66.4                      | 66.7              | 65.4              | 60.0  | 60.5  | 60.4  |
| <b>Leather and allied product</b>                | <b>316</b> | .05                                   | 81.5                      | 80.3              | 80.5              | 78.0  | 74.8  | 72.4  | 79.8                      | 79.7              | 81.7              | 76.9  | 74.0  | 72.8  |
| <b>Wood product</b>                              | <b>321</b> | 1.44                                  | 126.4                     | 125.4             | 125.1             | 124.1 | 125.2 | 122.4 | 129.5                     | 122.8             | 118.0             | 119.6 | 122.5 | 122.6 |
| Sawmills and wood preservation                   | 3211       | .37                                   | 119.1                     | 118.4             | 119.6             |       |       |       | 124.5                     | 114.1             | 106.9             |       |       |       |
| Plywood and misc. wood products                  | 3212,9     | 1.07                                  | 129.1                     | 128.1             | 127.2             | 127.5 | 126.7 | 124.6 | 131.4                     | 126.1             | 122.2             | 122.8 | 122.2 | 124.1 |
| Veneer, plywood, and engineered wood product     | 3212       | .33                                   | 125.3                     | 123.3             | 122.7             | 123.1 | 124.4 | 122.7 | 126.1                     | 119.3             | 113.8             | 114.7 | 120.7 | 124.4 |
| Veneer and plywood                               | 321211,2   | .09                                   | 99.8                      | 98.9              | 98.8              | 99.4  | 99.8  | 99.9  | 92.5                      | 100.1             | 93.6              | 84.3  | 99.4  | 112.0 |
| Reconstituted wood product                       | 321219     | .12                                   | 118.5                     | 116.3             | 111.1             | 111.0 | 111.9 | 111.3 | 121.7                     | 106.3             | 98.0              | 108.5 | 113.0 | 113.5 |
| Other wood product                               | 3219       | .74                                   | 130.7                     | 130.2             | 129.1             | 129.3 | 127.6 | 125.3 | 133.8                     | 129.1             | 126.1             | 126.4 | 122.7 | 123.8 |
| Millwork   | 32191      | .38                                   | 120.7                     | 118.9             | 117.0             | 115.8 | 115.4 | 115.2 | 124.4                     | 116.7             | 113.8             | 112.7 | 109.0 | 112.1 |
| Wood container and pallet                        | 32192      | .13                                   | 139.0                     | 143.1             | 144.1             | 145.8 | 142.6 | 138.3 | 138.8                     | 143.5             | 145.4             | 144.3 | 139.5 | 137.9 |
| All other wood product                           | 32199      | .24                                   | 144.6                     | 143.7             | 143.2             | 145.0 | 141.6 | 136.5 | 148.3                     | 144.0             | 137.8             | 141.9 | 139.0 | 137.5 |
| Manufactured home                                | 321991     | .09                                   | 153.8                     | 148.7             | 139.5             | 142.2 | 150.1 |       | 160.9                     | 150.7             | 121.0             | 142.3 | 155.1 |       |
| <b>Paper</b>                                     | <b>322</b> | 2.42                                  | 96.0                      | 95.8              | 96.4              | 95.6  | 94.3  | 94.5  | 96.6                      | 95.9              | 94.3              | 94.3  | 94.2  | 95.0  |
| Pulp, paper, and paperboard mills                | 3221       | 1.22                                  | 93.5                      | 93.8              | 93.9              | 92.9  | 91.0  | 91.0  | 92.3                      | 94.1              | 93.6              | 92.5  | 91.6  | 90.6  |
| Pulp mills                                       | 32211      | .09                                   | 111.2                     | 111.3             | 110.5             | 109.5 | 109.3 |       | 108.8                     | 112.4             | 113.8             | 108.4 | 108.5 |       |
| Paper mills                                      | 32212      | .55                                   | 83.4                      | 83.0              | 83.7              | 83.1  | 82.5  | 82.2  | 83.0                      | 83.0              | 83.2              | 83.4  | 83.8  | 83.3  |
| Paper (except newsprint) mills                   | 322121     | .54                                   | 85.7                      | 85.3              | 85.8              | 85.2  | 84.6  |       | 85.4                      | 85.2              | 85.4              | 85.5  | 86.0  |       |
| Paperboard mills                                 | 32213      | .58                                   | 103.9                     | 105.1             | 104.8             | 103.2 | 99.4  |       | 102.0                     | 105.7             | 104.0             | 102.1 | 99.5  |       |
| Converted paper product                          | 3222       | 1.20                                  | 98.6                      | 97.9              | 98.9              | 98.6  | 97.8  | 98.3  | 101.1                     | 97.8              | 95.0              | 96.2  | 97.0  | 99.8  |
| Paperboard container                             | 32221      | .69                                   | 109.8                     | 109.1             | 109.1             | 109.5 | 109.6 |       | 114.9                     | 109.1             | 102.2             | 106.0 | 107.8 |       |
| Paper bag and coated and treated paper           | 32222      | .23                                   | 80.7                      | 81.9              | 84.5              | 82.4  | 79.3  | 81.9  | 81.4                      | 80.7              | 83.1              | 79.2  | 78.7  | 85.1  |
| Other converted paper products                   | 32223,9    | .28                                   | 92.9                      | 90.4              | 91.9              | 91.7  | 91.6  | 92.4  | 91.6                      | 91.1              | 91.9              | 92.4  | 92.4  | 93.5  |
| <b>Printing and related support activities</b>   | <b>323</b> | 1.31                                  | 97.0                      | 96.2              | 95.7              | 95.9  | 94.1  | 93.5  | 97.5                      | 96.3              | 98.0              | 95.0  | 92.6  | 93.1  |
| <b>Petroleum and coal products</b>               | <b>324</b> | 3.43                                  | 106.9                     | 106.0             | 107.4             | 109.7 | 104.8 | 105.9 | 106.4                     | 105.9             | 105.4             | 102.0 | 97.7  | 101.9 |
| Petroleum refineries                             | 32411      | 2.87                                  | 109.1                     | 108.9             | 108.2             | 110.4 | 105.3 | 105.7 | 107.2                     | 108.9             | 108.2             | 104.3 | 100.3 | 103.6 |
| Aviation fuel and kerosene                       | 32411pt.   | .27                                   | 117.8                     | 118.0             | 117.8             | 120.5 |       |       | 110.8                     | 116.6             | 122.0             | 116.6 |       |       |
| Distillate fuel oil                              | 32411pt.   | .73                                   | 110.8                     | 109.2             | 112.2             | 114.5 |       |       | 106.8                     | 113.4             | 118.1             | 111.2 |       |       |
| Automotive gasoline                              | 32411pt.   | 1.36                                  | 110.3                     | 110.1             | 108.3             | 111.9 |       |       | 111.8                     | 111.1             | 108.7             | 105.5 |       |       |
| Residual fuel oil                                | 32411pt.   | .09                                   | 77.0                      | 87.0              | 93.0              | 72.8  |       |       | 77.3                      | 87.4              | 85.5              | 77.2  |       |       |
| Other refinery output                            | 32411pt.   | .42                                   | 102.6                     | 101.9             | 96.8              | 100.1 | 96.3  | 97.6  | 96.0                      | 93.1              | 85.4              | 86.8  | 85.7  | 95.8  |
| Paving, roofing, and other petroleum and coal    | 32412,9    | .56                                   | 92.4                      | 87.8              | 99.2              | 101.5 | 97.8  | 101.9 | 99.3                      | 87.2              | 88.5              | 87.0  | 81.7  | 89.7  |
| <b>Chemicals</b>                                 | <b>325</b> | 12.68                                 | 101.2                     | 102.2             | 102.1             | 101.3 | 100.7 | 101.0 | 100.9                     | 102.1             | 102.6             | 101.2 | 100.3 | 101.5 |
| Pharmaceutical and medicine                      | 3254       | 4.47                                  | 96.5                      | 97.0              | 96.3              | 96.4  | 94.9  | 95.9  | 96.8                      | 96.7              | 97.2              | 96.4  | 94.0  | 96.4  |
| Chemicals except pharmaceuticals and medicine    | 3251-3,5-9 | 8.21                                  | 103.9                     | 105.2             | 105.4             | 104.2 | 104.1 | 104.0 | 103.3                     | 105.1             | 105.8             | 103.9 | 104.0 | 104.5 |
| Basic chemical                                   | 3251       | 3.44                                  | 102.2                     | 103.2             | 104.6             | 102.9 | 100.8 | 100.1 | 102.5                     | 103.5             | 104.0             | 102.9 | 100.3 | 99.8  |
| Organic chemicals                                | 32511,9    | 2.64                                  | 108.6                     | 109.9             | 111.0             | 108.5 | 106.2 | 105.5 | 109.2                     | 110.2             | 109.8             | 108.3 | 105.6 | 105.1 |
| Basic inorganic chemicals                        | 32512-8    | .80                                   | 85.9                      | 85.7              | 87.9              | 88.4  | 87.2  | 86.3  | 85.2                      | 86.1              | 88.9              | 89.0  | 86.6  | 86.2  |
| Industrial gas                                   | 32512      | .16                                   | 106.6                     | 106.6             | 108.3             | 109.2 | 107.7 | 107.1 | 106.5                     | 106.4             | 109.4             | 111.0 | 107.3 | 107.7 |
| Synthetic dye and pigment                        | 32513      | .09                                   | 88.6                      | 89.3              | 90.1              | 91.0  | 88.9  | 89.1  | 89.2                      | 90.1              | 91.0              | 90.4  | 88.0  | 88.2  |
| Other basic inorganic chemical                   | 32518      | .55                                   | 80.3                      | 79.9              | 82.4              | 82.8  | 81.7  | 80.6  | 79.2                      | 80.4              | 83.3              | 83.2  | 81.2  | 80.4  |
| Alkalies and chlorine                            | 32518pt.   | .14                                   | 92.0                      | 91.2              | 96.2              | 93.7  | 93.6  |       | 86.7                      | 91.1              | 97.6              | 92.2  | 93.1  |       |
| Resin, synthetic rubber, and synthetic fibers    | 3252       | 1.14                                  | 99.5                      | 100.9             | 102.1             | 101.2 | 96.6  | 97.3  | 97.6                      | 99.7              | 101.6             | 101.1 | 98.7  | 99.8  |
| Resin and synthetic rubber                       | 32521      | 1.07                                  | 100.9                     | 102.5             | 103.6             | 102.5 | 97.7  | 98.3  | 98.9                      | 101.1             | 103.1             | 102.4 | 99.9  | 100.9 |
| Plastics material and resin                      | 325211     | .98                                   | 101.6                     | 103.3             | 104.4             | 102.9 | 97.9  | 98.3  | 99.4                      | 101.7             | 103.6             | 102.5 | 100.3 | 101.3 |
| Synthetic rubber                                 | 325212     | .09                                   | 94.1                      | 94.3              | 95.9              | 98.6  | 95.8  | 97.8  | 93.6                      | 95.2              | 97.3              | 101.2 | 95.5  | 97.1  |
| Artificial and synthetic fibers and filaments    | 32522      | .08                                   | 84.2                      | 83.5              | 85.1              | 87.1  | 85.2  | 87.2  | 83.5                      | 84.8              | 85.7              | 86.8  | 85.6  | 87.9  |
| Pesticide, fertilizer, and other agricultural    | 3253       | .60                                   | 125.2                     | 122.5             | 119.2             | 117.2 | 122.1 | 121.5 | 123.2                     | 123.9             | 121.9             | 118.4 | 122.5 | 123.7 |
| Paints, soaps and toiletries, and other chemical | 3255-9     | 3.02                                  | 103.7                     | 106.0             | 105.0             | 104.2 | 107.5 | 107.8 | 102.8                     | 105.7             | 106.5             | 103.4 | 106.8 | 108.1 |
| Paints and other chemical products               | 3255,9     | 1.38                                  | 112.7                     | 117.7             | 114.4             | 112.6 | 119.3 | 119.1 | 112.2                     | 116.9             | 115.2             | 112.5 | 120.0 | 119.5 |
| Paint, coating, and adhesive                     | 3255       | .69                                   | 129.1                     | 137.8             | 130.6             | 124.9 | 135.2 | 135.2 | 129.3                     | 136.6             | 130.0             | 124.0 | 136.2 | 136.6 |
| Paint and coating                                | 32551      | .46                                   | 130.5                     | 138.3             | 131.4             | 124.9 | 135.4 | 135.4 | 130.7                     | 136.8             | 130.1             | 124.3 | 135.6 | 137.1 |
| Soaps and toiletries                             | 3256       | 1.64                                  | 97.1                      | 97.5              | 98.1              | 98.1  | 98.8  | 99.6  | 96.0                      | 97.5              | 100.2             | 96.8  | 97.2  | 99.8  |
| <b>Plastics and rubber products</b>              | <b>326</b> | 3.52                                  | 109.9                     | 110.6             | 111.5             | 110.7 | 110.7 | 109.7 | 110.2                     | 110.7             | 111.2             | 109.7 | 110.0 | 109.6 |
| Plastics product                                 | 3261       | 2.95                                  | 114.2                     | 114.7             | 115.3             | 115.2 | 115.0 | 113.8 | 114.3                     | 115.0             | 116.0             | 113.8 | 113.5 | 113.1 |
| Rubber product                                   | 3262       | .57                                   | 91.2                      | 93.4              | 95.5              | 91.7  | 92.7  | 92.4  | 92.8                      | 92.1              | 91.2              | 92.1  | 95.2  | 94.7  |
| Tire   | 32621      | .25                                   | 87.7                      | 92.2              | 94.3              | 86.3  | 89.3  | 89.0  | 92.5                      | 89.3              | 80.2              | 86.5  | 95.6  | 93.7  |
| Rubber products ex. tires                        | 32622,9    | .32                                   | 93.9                      | 94.1              | 96.2              | 96.0  | 95.3  | 95.1  | 92.8                      | 94.2              | 100.1             | 96.6  | 94.7  | 95.2  |

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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       | 2018<br>IP<br>Proportion <sup>1</sup> | Index, 2012 = 100         |                   |                   |                           |                   |                   |                           |                   |                   |                           |                   |                   |
|--|-------------|---------------------------------------|---------------------------|-------------------|-------------------|---------------------------|-------------------|-------------------|---------------------------|-------------------|-------------------|---------------------------|-------------------|-------------------|
|  |             |                                       | Seasonally adjusted       |                   |                   |                           |                   |                   | Not seasonally adjusted   |                   |                   |                           |                   |                   |
|  |             |                                       | 2018<br>Oct. <sup>f</sup> | Nov. <sup>f</sup> | Dec. <sup>f</sup> | 2019<br>Jan. <sup>f</sup> | Feb. <sup>f</sup> | Mar. <sup>p</sup> | 2018<br>Oct. <sup>f</sup> | Nov. <sup>f</sup> | Dec. <sup>f</sup> | 2019<br>Jan. <sup>f</sup> | Feb. <sup>f</sup> | Mar. <sup>p</sup> |
| <b>Nonmetallic mineral product</b>   | <b>327</b>  | 2.23                                  | 119.6                     | 118.3             | 122.2             | 122.9                     | 119.6             | 120.1             | 125.2                     | 119.3             | 116.3             | 111.4                     | 109.6             | 114.4             |
| Clay, lime, gypsum, and misc. nonmetallic mineral                              | 3271,4,9    | .78                                   | 121.7                     | 120.1             | 120.2             | 121.2                     | 121.6             | 119.6             | 123.9                     | 120.2             | 119.0             | 116.5                     | 116.8             | 117.9             |
| Clay and misc. nonmetallic mineral products                                    | 3271,9      | .64                                   | 122.5                     | 120.2             | 120.1             | 121.4                     | 122.0             | 119.8             | 122.9                     | 120.7             | 120.1             | 118.0                     | 117.6             | 118.0             |
| Clay product and refractory  | 3271        | .15                                   | 109.5                     | 108.5             | 107.4             | 109.7                     | 110.6             | 111.6             | 110.5                     | 108.4             | 104.7             | 104.8                     | 106.1             | 109.3             |
| Pottery, ceramics, and plumbing fixture  | 32711       | .05                                   | 103.5                     | 102.7             | 101.5             | 103.5                     | 104.5             | 105.5             | 102.3                     | 105.0             | 102.7             | 102.0                     | 101.1             | 103.0             |
| Clay building material and refractories  | 32712       | .10                                   | 112.5                     | 111.4             | 110.4             | 112.8                     | 113.7             | 114.6             | 114.5                     | 110.1             | 105.8             | 106.3                     | 108.6             | 112.5             |
| Other nonmetallic mineral product  | 3279        | .49                                   | 127.1                     | 124.2             | 124.6             | 125.4                     | 126.0             | 122.6             | 127.2                     | 124.9             | 125.5             | 122.7                     | 121.5             | 121.0             |
| Lime and gypsum product  | 3274        | .13                                   | 117.2                     | 119.4             | 120.2             | 119.8                     | 119.2             | 118.1             | 127.8                     | 117.5             | 113.6             | 108.6                     | 113.1             | 117.1             |
| Glass and glass product  | 3272        | .48                                   | 109.4                     | 106.3             | 109.8             | 107.2                     | 108.5             | 105.3             | 112.3                     | 108.5             | 105.9             | 106.4                     | 106.6             | 104.6             |
| Glass container  | 32721,3     | .09                                   | 83.5                      | 84.1              | 84.4              |                           |                   |                   | 88.5                      | 86.1              | 67.2              |                           |                   |                   |
| Cement and concrete product  | 3273        | .97                                   | 124.2                     | 124.0             | 131.3             | 133.8                     | 124.6             | 129.4             | 134.1                     | 125.3             | 120.3             | 110.4                     | 105.6             | 117.4             |
| Cement   | 32731       | .15                                   | 118.2                     | 114.1             | 116.7             | 120.3                     |                   |                   | 138.3                     | 114.6             | 91.1              | 83.6                      |                   |                   |
| Concrete and product   | 32732-9     | .82                                   | 125.1                     | 125.7             | 133.9             | 136.2                     | 125.0             | 130.5             | 133.3                     | 127.4             | 126.0             | 115.7                     | 107.8             | 118.5             |
| <b>Primary metals</b>  | <b>331</b>  | 2.85                                  | 99.5                      | 101.7             | 101.3             | 98.9                      | 98.2              | 99.5              | 98.5                      | 99.4              | 97.6              | 97.5                      | 100.8             | 100.6             |
| Iron and steel products  | 3311,2      | 1.47                                  | 99.8                      | 101.7             | 100.6             | 98.2                      | 97.4              | 99.6              | 97.9                      | 97.7              | 95.0              | 96.5                      | 101.3             | 101.4             |
| Pig iron   | 3311,2pt.   | .09                                   | 82.4                      | 81.2              | 80.0              | 69.1                      | 69.6              |                   | 75.3                      | 76.6              | 76.9              | 68.8                      | 74.8              |                   |
| Raw steel  | 3311,2pt.   | .09                                   | 106.4                     | 105.9             | 106.4             | 101.9                     | 103.2             |                   | 103.9                     | 102.3             | 100.3             | 102.6                     | 106.3             |                   |
| Coke and products  | 3311,2pt.   | .03                                   | 91.8                      | 92.8              | 93.2              | 93.0                      | 92.7              | 92.5              | 92.6                      | 92.4              | 91.9              | 91.0                      | 90.8              | 91.2              |
| Construction steel   | 3311,2pt.   | .23                                   | 131.4                     | 138.2             | 130.8             | 129.9                     | 128.4             |                   | 131.5                     | 131.9             | 122.9             | 124.7                     | 131.1             |                   |
| Consumer durable steel   | 3311,2pt.   | .21                                   | 93.9                      | 97.2              | 101.8             | 90.4                      | 87.2              |                   | 93.9                      | 94.3              | 92.4              | 89.4                      | 93.1              |                   |
| Can and closure steel  | 3311,2pt.   | .02                                   | 59.8                      | 58.0              | 53.7              | 46.3                      | 47.4              |                   | 58.4                      | 51.9              | 50.8              | 41.2                      | 45.2              |                   |
| Equipment steel  | 3311,2pt.   | .10                                   | 97.1                      | 98.0              | 97.3              | 96.4                      | 92.1              |                   | 92.8                      | 96.3              | 92.8              | 94.3                      | 96.6              |                   |
| Miscellaneous steel  | 3311,2pt.   | .70                                   | 98.2                      | 99.6              | 98.2              | 99.9                      | 100.0             |                   | 96.3                      | 95.3              | 93.5              | 98.4                      | 103.7             |                   |
| Nonferrous metals  | 3313,4      | .88                                   | 96.4                      | 100.4             | 100.5             | 97.5                      | 96.2              | 97.3              | 96.3                      | 99.1              | 97.3              | 95.6                      | 98.5              | 98.3              |
| Alumina and aluminum production and processing                                 | 3313        | .41                                   | 107.0                     | 113.4             | 115.4             | 109.6                     | 107.7             | 109.1             | 106.5                     | 109.4             | 102.4             | 105.1                     | 113.4             | 111.3             |
| Primary aluminum production  | 33131,3pt.  | .03                                   | 70.3                      | 74.5              | 78.1              | 78.9                      | 79.0              | 76.6              | 70.1                      | 75.4              | 79.6              | 79.4                      | 80.1              | 78.0              |
| Secondary smelting and alloying of aluminum                                    | 331314      | .06                                   | 130.1                     | 132.6             | 137.7             | 135.0                     |                   |                   | 128.9                     | 134.3             | 134.1             | 130.0                     |                   |                   |
| Misc. aluminum materials   | 331315,8pt. | .17                                   | 109.1                     | 115.5             | 116.4             | 108.6                     | 105.9             |                   | 106.6                     | 109.5             | 103.7             | 102.4                     | 110.8             |                   |
| Aluminum extruded product  | 331318pt.   | .14                                   | 122.9                     | 133.2             | 135.3             | 127.1                     | 123.5             |                   | 124.9                     | 126.0             | 108.0             | 121.8                     | 132.0             |                   |
| Nonferrous metal (except aluminum) production and processing                   | 3314        | .47                                   | 89.0                      | 91.1              | 89.9              | 88.9                      | 88.1              | 89.0              | 89.1                      | 91.8              | 93.9              | 88.9                      | 87.9              | 89.1              |
| Nonferrous metal (except aluminum) smelting and refining                       | 33141       | .09                                   | 77.2                      | 78.7              | 74.4              | 71.7                      | 70.1              | 71.5              | 78.2                      | 77.8              | 78.8              | 73.5                      | 73.1              | 74.5              |
| Primary smelting and refining of copper  | 33141pt.    | .05                                   | 78.4                      | 81.0              | 72.9              | 67.9                      | 64.8              | 67.1              | 77.5                      | 77.7              | 75.3              | 69.2                      | 68.3              | 68.2              |
| Primary smelting and refining of nonferrous                                    | 33141pt.    | .04                                   | 77.5                      | 78.0              | 77.4              |                           |                   |                   | 80.3                      | 79.3              | 83.9              |                           |                   |                   |
| Foundries  | 3315        | .51                                   | 103.6                     | 103.8             | 104.2             | 103.2                     | 104.0             | 102.2             | 103.9                     | 105.0             | 105.4             | 103.3                     | 102.7             | 101.5             |
| <b>Fabricated metal product</b>  | <b>332</b>  | 5.63                                  | 103.9                     | 104.4             | 104.6             | 105.2                     | 104.7             | 104.5             | 103.9                     | 104.1             | 105.6             | 103.8                     | 103.4             | 103.7             |
| Forging and stamping   | 3321        | .43                                   | 96.8                      | 96.7              | 96.8              | 96.9                      | 97.5              | 96.6              | 96.8                      | 96.4              | 98.3              | 98.0                      | 96.4              | 96.5              |
| Cutlery and handtool   | 3322        | .19                                   | 105.3                     | 104.4             | 102.4             | 100.2                     | 96.2              | 95.1              | 105.3                     | 105.0             | 103.7             | 99.4                      | 96.3              | 94.9              |
| Architectural and structural metals  | 3323        | 1.41                                  | 118.8                     | 120.4             | 119.9             | 120.8                     | 120.1             | 119.6             | 119.9                     | 121.0             | 121.9             | 118.2                     | 117.3             | 117.7             |
| Hardware   | 3325        | .14                                   | 119.3                     | 119.0             | 119.0             | 120.5                     | 118.3             | 119.0             | 119.8                     | 116.2             | 120.2             | 122.5                     | 118.7             | 116.6             |
| Spring and wire product  | 3326        | .15                                   | 109.0                     | 107.2             | 108.6             | 109.7                     | 107.5             | 108.1             | 110.2                     | 109.0             | 111.3             | 108.9                     | 106.9             | 108.0             |
| Machine shops; turned product; and screw, nut, and bolt                        | 3327        | 1.17                                  | 99.7                      | 99.7              | 100.2             | 100.1                     | 100.3             | 100.2             | 99.3                      | 99.3              | 101.2             | 99.5                      | 100.8             | 100.3             |
| Coating, engraving, heat treating, and allied                                  | 3328        | .49                                   | 104.0                     | 105.7             | 106.8             | 108.4                     | 108.4             | 110.0             | 105.2                     | 105.7             | 108.2             | 106.2                     | 106.5             | 110.4             |
| Other fabricated metal product   | 3329        | 1.27                                  | 101.5                     | 101.5             | 102.1             | 103.0                     | 102.7             | 101.8             | 100.7                     | 101.6             | 103.7             | 102.5                     | 102.4             | 101.5             |
| Ball and roller bearing  | 332991      | .10                                   | 90.1                      | 90.0              | 90.0              | 89.9                      | 89.9              | 89.8              | 84.5                      | 85.7              | 92.6              | 90.8                      | 91.8              | 92.1              |
| <b>Machinery</b>   | <b>333</b>  | 5.39                                  | 95.2                      | 96.6              | 94.8              | 95.6                      | 93.7              | 94.1              | 94.9                      | 93.7              | 88.6              | 92.2                      | 95.0              | 96.8              |
| Agriculture, construction, and mining machinery                                | 3331        | 1.10                                  | 83.7                      | 86.0              | 78.3              | 85.2                      | 75.8              | 75.8              | 87.7                      | 81.6              | 65.7              | 77.3                      | 76.2              | 78.1              |
| Agricultural implement   | 33311       | .45                                   | 79.5                      | 81.6              | 77.4              | 84.7                      | 71.9              | 75.1              | 88.4                      | 76.9              | 62.3              | 75.3                      | 71.6              | 77.4              |
| Farm machinery and equipment   | 333111      | .35                                   | 73.2                      | 76.7              | 70.7              | 78.4                      | 63.6              | 67.8              | 84.2                      | 71.1              | 52.5              | 66.8                      | 62.3              | 69.5              |
| Construction machinery   | 33312       | .46                                   | 110.1                     | 114.9             | 98.6              | 107.9                     | 95.5              | 92.0              | 112.2                     | 107.6             | 78.5              | 95.8                      | 96.4              | 95.9              |
| Mining and oil and gas field machinery   | 33313       | .19                                   | 54.4                      | 53.3              | 52.5              | 55.4                      | 55.3              | 55.2              | 53.9                      | 53.6              | 54.2              | 55.9                      | 56.4              | 55.5              |
| Industrial machinery   | 3332        | .52                                   | 101.3                     | 100.5             | 99.2              | 99.5                      | 99.0              | 101.5             | 100.3                     | 99.3              | 101.7             | 98.1                      | 98.9              | 100.8             |
| Commercial and service industry machinery and other                            | 3333,9      | 1.98                                  | 105.0                     | 104.9             | 106.0             | 105.1                     | 105.9             | 106.0             | 104.7                     | 105.1             | 107.1             | 104.3                     | 105.2             | 105.4             |
| HVAC, metalworking, and power transmission machinery                           | 3334-6      | 1.79                                  | 94.6                      | 97.6              | 97.1              | 95.2                      | 96.1              | 96.6              | 91.2                      | 91.9              | 86.3              | 92.0                      | 100.3             | 103.7             |
| Ventilation, heating, air-conditioning, and commercial refrigeration equipment | 3334        | .67                                   | 96.6                      | 102.7             | 100.5             | 95.1                      | 95.4              | 93.5              | 84.6                      | 87.1              | 76.4              | 90.0                      | 105.8             | 109.9             |
| Metalworking machinery   | 3335        | .53                                   | 99.8                      | 100.4             | 99.3              | 98.1                      | 99.3              | 100.3             | 99.5                      | 100.4             | 100.1             | 97.7                      | 99.4              | 99.5              |
| Engine, turbine, and power transmission equipment                              | 3336        | .59                                   | 89.1                      | 90.9              | 92.6              | 93.5                      | 94.9              | 97.6              | 91.8                      | 90.6              | 85.8              | 90.0                      | 96.1              | 101.5             |

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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       | 2018<br>IP<br>Proportion <sup>1</sup> | Index, 2012 = 100         |                   |                   |                           |                   |                   |                           |                   |                   |                           |                   |                   |
|--|-------------|---------------------------------------|---------------------------|-------------------|-------------------|---------------------------|-------------------|-------------------|---------------------------|-------------------|-------------------|---------------------------|-------------------|-------------------|
|  |             |                                       | Seasonally adjusted       |                   |                   |                           |                   |                   | Not seasonally adjusted   |                   |                   |                           |                   |                   |
|  |             |                                       | 2018<br>Oct. <sup>r</sup> | Nov. <sup>r</sup> | Dec. <sup>r</sup> | 2019<br>Jan. <sup>r</sup> | Feb. <sup>r</sup> | Mar. <sup>p</sup> | 2018<br>Oct. <sup>r</sup> | Nov. <sup>r</sup> | Dec. <sup>r</sup> | 2019<br>Jan. <sup>r</sup> | Feb. <sup>r</sup> | Mar. <sup>p</sup> |
| <b>Computer and electronic product</b>                       | <b>334</b>  | 4.80                                  | 122.1                     | 121.7             | 123.4             | 123.8                     | 124.8             | 126.2             | 123.5                     | 123.5             | 127.5             | 121.9                     | 121.1             | 126.1             |
| Computer and peripheral equipment                            | 3341        | .33                                   | 131.9                     | 133.2             | 131.6             | 131.7                     | 131.2             | 131.2             | 137.1                     | 137.6             | 137.5             | 126.5                     | 121.1             | 123.7             |
| Communications equipment                                     | 3342        | .45                                   | 126.0                     | 126.3             | 126.4             | 126.5                     | 126.4             | 126.3             | 137.4                     | 140.5             | 136.1             | 121.7                     | 113.6             | 115.8             |
| Audio and video equipment                                    | 3343        | .04                                   | 102.0                     | 105.7             | 123.3             | 120.7                     | 120.7             | 117.0             | 99.8                      | 108.8             | 128.6             | 119.0                     | 119.4             | 120.8             |
| Semiconductor and other electronic component                 | 3344        | 1.14                                  | 165.0                     | 161.4             | 160.4             | 159.5                     | 161.6             | 162.2             | 165.1                     | 161.4             | 167.5             | 152.4                     | 150.8             | 168.1             |
| Navigational, measuring, electromedical and control          | 3345        | 2.81                                  | 100.7                     | 100.9             | 103.3             | 104.1                     | 105.0             | 107.0             | 100.7                     | 101.1             | 105.2             | 104.3                     | 105.0             | 107.4             |
| <b>Electrical equipment, appliance, and component</b>        | <b>335</b>  | 1.81                                  | 104.5                     | 104.6             | 105.3             | 103.6                     | 103.1             | 103.0             | 106.1                     | 106.3             | 105.5             | 103.0                     | 102.4             | 102.9             |
| Household appliance  | 3352        | .29                                   | 113.1                     | 114.1             | 117.0             | 112.7                     | 113.2             | 109.5             | 120.0                     | 117.4             | 103.8             | 108.2                     | 115.7             | 114.7             |
| Small electrical appliance                                   | 33521       | .05                                   | 106.5                     | 104.2             | 102.1             | 101.9                     | 102.1             | 103.8             | 103.1                     | 104.0             | 105.6             | 103.6                     | 104.0             | 105.2             |
| Major appliance  | 33522       | .24                                   | 114.5                     | 116.3             | 120.2             | 115.1                     | 115.7             | 110.6             | 123.7                     | 120.3             | 103.4             | 109.1                     | 118.3             | 116.8             |
| Electrical equipment except appliances                       | 3351,3-9    | 1.52                                  | 103.0                     | 103.0             | 103.3             | 102.1                     | 101.4             | 101.9             | 103.8                     | 104.4             | 105.8             | 102.1                     | 100.2             | 100.9             |
| Electric lighting equipment                                  | 3351        | .20                                   | 100.6                     | 100.2             | 99.9              | 99.6                      | 99.4              | 99.1              | 99.6                      | 100.2             | 101.6             | 99.3                      | 98.4              | 99.2              |
| Electrical equipment   | 3353        | .46                                   | 89.1                      | 89.5              | 90.9              | 90.1                      | 91.4              | 90.4              | 89.5                      | 90.8              | 94.0              | 89.2                      | 89.4              | 89.2              |
| Other electrical equipment and component                     | 3359        | .86                                   | 114.0                     | 113.9             | 113.5             | 111.8                     | 109.6             | 111.3             | 115.6                     | 115.6             | 115.9             | 112.5                     | 108.9             | 110.3             |
| Battery  | 33591       | .18                                   | 115.3                     | 117.7             | 116.2             | 116.4                     | 114.9             | 115.2             | 120.7                     | 121.3             | 119.4             | 121.4                     | 112.7             | 112.8             |
| Communication and energy wire and cable                      | 33592       | .17                                   | 117.1                     | 116.6             | 115.9             | 113.3                     | 110.0             | 112.0             | 115.4                     | 117.3             | 118.3             | 114.6                     | 111.5             | 113.3             |
| Other electrical equipment                                   | 33593,9     | .51                                   | 112.4                     | 111.6             | 111.7             | 109.5                     | 107.6             | 109.6             | 113.7                     | 113.0             | 113.8             | 108.8                     | 106.7             | 108.3             |
| <b>Transportation equipment</b>                              | <b>336</b>  | 9.71                                  | 116.1                     | 116.4             | 119.8             | 115.6                     | 117.5             | 116.2             | 121.4                     | 115.3             | 111.5             | 111.9                     | 121.3             | 122.4             |
| Motor vehicle  | 3361        | 2.68                                  | 128.5                     | 130.4             | 139.0             | 125.1                     | 130.3             | 125.4             | 140.1                     | 125.3             | 113.5             | 116.6                     | 142.2             | 142.3             |
| Automobile and light duty motor vehicle                      | 33611       | 2.41                                  | 130.0                     | 131.9             | 140.3             | 124.9                     | 131.9             | 126.4             | 141.9                     | 127.4             | 114.1             | 116.5                     | 144.6             | 144.0             |
| Automobile   | 336111      | .55                                   | 90.9                      | 91.5              | 99.0              | 93.6                      | 86.5              | 81.7              | 99.8                      | 90.7              | 80.5              | 86.2                      | 94.5              | 92.0              |
| Light truck and utility vehicle                              | 336112      | 1.86                                  | 152.0                     | 154.5             | 163.5             | 142.8                     | 157.2             | 151.2             | 165.5                     | 148.0             | 133.0             | 133.7                     | 172.5             | 172.8             |
| Heavy duty truck   | 33612       | .28                                   | 111.3                     | 113.2             | 123.1             | 120.3                     | 112.0             | 111.9             | 120.1                     | 103.8             | 103.9             | 111.9                     | 117.3             | 122.7             |
| Motor vehicle body and trailer                               | 3362        | .49                                   | 136.9                     | 131.4             | 130.6             | 124.0                     | 128.1             | 130.9             | 142.4                     | 123.1             | 116.2             | 112.7                     | 133.2             | 141.9             |
| Truck trailer  | 336212      | .09                                   | 136.1                     | 132.6             | 138.3             | 136.3                     | 140.7             | 141.8             | 138.6                     | 121.9             | 115.9             | 118.8                     | 140.9             | 151.6             |
| Motor home   | 336213      | .04                                   | 180.4                     | 183.1             | 163.0             | 149.7                     | 169.7             |                   | 187.7                     | 170.8             | 140.4             | 151.3                     | 194.2             |                   |
| Travel trailer and camper                                    | 336214      | .22                                   | 147.0                     | 139.2             | 136.2             | 120.9                     | 128.7             | 130.0             | 159.6                     | 126.0             | 113.5             | 104.3                     | 139.7             | 150.5             |
| Motor vehicle parts  | 3363        | 2.43                                  | 131.4                     | 132.0             | 134.6             | 130.4                     | 130.7             | 128.1             | 141.9                     | 133.9             | 125.3             | 126.2                     | 134.9             | 132.6             |
| Aerospace product and parts                                  | 3364        | 3.21                                  | 101.8                     | 102.4             | 104.3             | 104.9                     | 105.6             | 106.9             | 101.6                     | 103.7             | 106.5             | 104.5                     | 105.2             | 106.5             |
| Aircraft and parts   | 336411-3    | 2.71                                  | 100.4                     | 100.9             | 102.7             | 103.5                     | 104.2             | 105.4             | 100.3                     | 102.2             | 104.8             | 103.1                     | 103.6             | 105.1             |
| Railroad eq., ships and boats, and other                     | 3365-9      | .89                                   | 101.3                     | 98.8              | 98.9              | 101.6                     | 102.3             | 101.6             | 101.0                     | 95.3              | 98.1              | 101.0                     | 101.2             | 107.9             |
| Railroad rolling stock                                       | 3365        | .09                                   | 83.2                      | 82.9              | 84.8              | 84.1                      | 85.1              | 84.0              | 84.4                      | 84.4              | 87.7              | 82.7                      | 83.5              | 83.9              |
| Ship and boat building                                       | 3366        | .59                                   | 104.0                     | 100.7             | 99.8              | 104.4                     | 104.7             | 104.4             | 103.6                     | 95.4              | 97.1              | 103.6                     | 103.9             | 114.8             |
| Other transportation equipment                               | 3369        | .21                                   | 101.4                     | 100.1             | 102.1             | 101.2                     | 102.7             | 101.5             | 100.9                     | 99.6              | 105.1             | 102.0                     | 101.4             | 99.8              |
| <b>Furniture and related product</b>                         | <b>337</b>  | 1.18                                  | 107.8                     | 107.6             | 106.6             | 107.1                     | 105.9             | 105.1             | 107.0                     | 106.4             | 107.3             | 105.0                     | 103.2             | 103.9             |
| Household and institutional furniture and kitchen            | 3371        | .63                                   | 118.0                     | 117.3             | 117.2             | 117.9                     | 116.2             | 115.3             | 118.2                     | 117.3             | 118.1             | 116.0                     | 113.9             | 114.9             |
| Office and other furniture                                   | 3372,9      | .55                                   | 97.8                      | 98.1              | 96.3              | 96.5                      | 95.8              | 95.1              | 96.1                      | 95.9              | 96.9              | 94.4                      | 92.8              | 93.3              |
| <b>Miscellaneous</b>   | <b>339</b>  | 2.64                                  | 100.7                     | 100.3             | 100.9             | 101.0                     | 102.2             | 102.3             | 101.1                     | 100.9             | 103.0             | 99.8                      | 101.2             | 102.1             |
| Medical equipment and supplies                               | 3391        | 1.55                                  | 95.4                      | 94.3              | 96.3              | 95.8                      | 98.0              | 99.3              | 95.6                      | 94.2              | 98.4              | 95.6                      | 98.2              | 99.4              |
| <b>Logging</b>   | <b>1133</b> | .16                                   | 111.6                     | 107.3             | 117.5             | 119.4                     | 116.3             | 116.7             | 114.4                     | 109.0             | 117.4             | 112.5                     | 114.3             | 109.5             |
| <b>Newspaper, periodical, book, and directory publishers</b> | <b>5111</b> | 1.72                                  | 75.3                      | 75.0              | 72.3              | 72.0                      | 72.8              | 72.6              | 76.8                      | 75.8              | 72.5              | 66.8                      | 64.2              | 64.4              |
| Newspaper publishers   | 51111       | .46                                   | 61.3                      | 61.6              | 60.8              | 60.5                      | 60.2              | 59.7              | 65.2                      | 63.6              | 59.2              | 58.8                      | 60.1              | 59.8              |
| Periodical, book, and other publishers                       | 51112-9     | 1.26                                  | 81.5                      | 81.1              | 77.5              | 77.1                      | 78.4              | 78.4              | 81.9                      | 81.3              | 78.4              | 70.4                      | 66.0              | 66.5              |
| <b>STAGE-OF-PROCESS GROUPS (CAPACITY<sup>2</sup>)</b>        |             |                                       |                           |                   |                   |                           |                   |                   |                           |                   |                   |                           |                   |                   |
| Crude  |             | 19.23                                 | 122.9                     | 123.8             | 125.7             | 125.1                     | 124.7             | 123.8             | 123.3                     | 125.4             | 125.6             | 124.2                     | 124.7             | 123.9             |
| Primary and semifinished                                     |             | 44.21                                 | 107.6                     | 108.6             | 107.3             | 107.0                     | 107.4             | 107.4             | 105.4                     | 106.5             | 107.7             | 108.5                     | 107.1             | 106.7             |
| Finished   |             | 36.56                                 | 104.6                     | 104.6             | 105.5             | 105.1                     | 105.1             | 105.3             | 106.7                     | 104.4             | 103.4             | 102.6                     | 104.7             | 106.3             |

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 | 2018<br>IP<br>Proportion <sup>1</sup> | Index, 2012 = 100         |                   |                   |   |       |       |                           |                   |                   |   |       |       |
|--|-------|---------------------------------------|---------------------------|-------------------|-------------------|---|-------|-------|---------------------------|-------------------|-------------------|---|-------|-------|
|  |       |                                       | Seasonally adjusted       |                   |                   |   |       |       | Not seasonally adjusted   |                   |                   |   |       |       |
|  |       |                                       | 2018<br>Oct. <sup>r</sup> | Nov. <sup>r</sup> | Dec. <sup>r</sup> | 2019<br>Jan. <sup>r</sup> Feb. <sup>r</sup> Mar. <sup>p</sup> |       |       | 2018<br>Oct. <sup>r</sup> | Nov. <sup>r</sup> | Dec. <sup>r</sup> | 2019<br>Jan. <sup>r</sup> Feb. <sup>r</sup> Mar. <sup>p</sup> |       |       |
| <b>Total index</b>                                   |       | 100.00                                | 109.9                     | 110.5             | 110.6             | 110.2   | 110.3 | 110.2 | 109.8                     | 109.8             | 110.0             | 109.8   | 110.1 | 110.4 |
| <b>Products and nonindustrial supplies</b>           |       | 53.84                                 | 105.4                     | 105.8             | 105.8             | 105.3   | 105.4 | 105.5 | 105.4                     | 104.9             | 105.5             | 105.4   | 105.2 | 106.1 |
| <b>Final products</b>                                |       | 39.75                                 | 104.2                     | 104.8             | 104.7             | 103.9   | 104.2 | 104.3 | 104.0                     | 103.8             | 104.4             | 104.9   | 105.2 | 105.6 |
| <b>Consumer goods</b>                                |       | 27.57                                 | 106.7                     | 107.3             | 106.8             | 105.5   | 106.2 | 106.0 | 105.7                     | 105.9             | 107.0             | 107.9   | 107.7 | 107.7 |
| <b>Durable</b>                                       |       | 6.28                                  | 122.7                     | 123.0             | 125.1             | 120.3   | 122.4 | 120.1 | 126.5                     | 120.7             | 116.0             | 116.3   | 125.2 | 126.9 |
| Automotive products                                  |       | 3.28                                  | 136.0                     | 136.8             | 140.7             | 130.9   | 135.8 | 132.8 | 143.7                     | 132.1             | 122.4             | 125.1   | 143.9 | 146.9 |
| Autos and trucks, consumer                           |       | 1.82                                  | 134.0                     | 135.9             | 144.4             | 128.5   | 135.7 | 130.0 | 146.2                     | 131.2             | 117.5             | 119.8   | 148.8 | 148.1 |
| Auto parts and allied goods                          |       | 1.46                                  | 138.6                     | 138.1             | 135.9             | 134.1   | 136.1 | 136.5 | 140.6                     | 133.4             | 129.0             | 132.0   | 137.7 | 145.5 |
| Other goods  |       | 3.00                                  | 111.0                     | 110.9             | 111.3             | 111.0   | 110.5 | 108.9 | 111.2                     | 110.7             | 110.3             | 108.5   | 108.7 | 109.3 |
| Home electronics                                     |       | .12                                   | 113.3                     | 115.3             | 121.0             | 119.9   | 119.6 | 117.9 | 115.8                     | 118.9             | 125.5             | 117.1   | 114.8 | 116.2 |
| Appliances, furniture, and carpeting                 |       | .85                                   | 108.5                     | 108.5             | 108.0             | 107.2   | 106.4 | 104.9 | 108.2                     | 106.7             | 102.7             | 105.7   | 107.0 | 107.8 |
| Household appliances                                 |       | .22                                   | 112.3                     | 115.0             | 115.7             | 110.6   | 111.6 | 107.7 | 111.6                     | 113.0             | 96.8              | 109.5   | 120.8 | 120.9 |
| Carpeting and furniture                              |       | .63                                   | 107.3                     | 106.3             | 105.5             | 106.1   | 104.6 | 103.9 | 107.1                     | 104.6             | 104.7             | 104.4   | 102.5 | 103.5 |
| Miscellaneous goods                                  |       | 2.03                                  | 111.9                     | 111.6             | 112.0             | 112.0   | 111.7 | 110.1 | 112.2                     | 111.8             | 112.5             | 109.1   | 109.1 | 109.5 |
| <b>Nondurable</b>                                    |       | 21.29                                 | 102.6                     | 103.3             | 102.1             | 101.8   | 102.1 | 102.4 | 100.4                     | 102.1             | 104.7             | 105.8   | 103.3 | 102.9 |
| Non-energy   |       | 16.16                                 | 99.4                      | 99.3              | 99.5              | 99.4  | 99.3  | 99.6  | 101.1                     | 99.0              | 98.0              | 96.5  | 96.8  | 98.3  |
| Foods and tobacco                                    |       | 9.26                                  | 106.2                     | 105.7             | 106.9             | 106.9   | 106.9 | 106.8 | 109.4                     | 105.5             | 103.2             | 102.7   | 104.8 | 105.9 |
| Clothing   |       | .18                                   | 69.1                      | 68.0              | 66.5              | 64.6  | 62.4  | 62.5  | 68.6                      | 68.8              | 68.2              | 62.9  | 62.8  | 62.4  |
| Chemical products                                    |       | 5.27                                  | 93.8                      | 94.6              | 94.1              | 94.1  | 93.4  | 94.2  | 94.0                      | 94.1              | 95.0              | 93.6  | 92.2  | 94.5  |
| Paper products                                       |       | 1.03                                  | 80.9                      | 80.3              | 76.9              | 76.4  | 77.3  | 77.5  | 80.3                      | 79.3              | 77.4              | 70.8  | 66.1  | 66.3  |
| Miscellaneous goods                                  |       | .41                                   | 98.0                      | 96.7              | 98.2              | 97.4  | 99.2  | 100.8 | 98.4                      | 96.7              | 100.2             | 96.5  | 98.6  | 100.6 |
| Energy   |       | 5.13                                  | 113.0                     | 116.3             | 110.3             | 108.9   | 110.7 | 111.3 | 97.5                      | 112.3             | 127.0             | 136.8   | 124.5 | 117.8 |
| Fuels  |       | 2.20                                  | 111.9                     | 111.2             | 111.1             | 114.2   | 108.9 | 108.9 | 111.5                     | 113.3             | 113.3             | 109.0   | 104.8 | 106.8 |
| Residential utilities                                |       | 2.93                                  | 114.7                     | 121.2             | 110.6             | 105.7   | 113.0 | 114.0 | 87.4                      | 112.5             | 138.5             | 159.1   | 140.7 | 127.5 |
| <b>Equipment, total</b>                              |       | 12.19                                 | 99.7                      | 100.1             | 100.9             | 101.2   | 100.7 | 101.3 | 101.2                     | 100.0             | 99.5              | 99.1  | 100.6 | 101.8 |
| Business equipment                                   |       | 9.42                                  | 102.8                     | 103.2             | 103.5             | 103.7   | 102.9 | 103.3 | 104.6                     | 102.7             | 101.2             | 101.0   | 102.7 | 104.3 |
| Transit  |       | 2.36                                  | 112.3                     | 112.3             | 116.2             | 112.7   | 113.6 | 113.2 | 116.2                     | 110.3             | 108.6             | 108.8   | 116.7 | 118.6 |
| Business vehicles                                    |       | .86                                   | 117.2                     | 119.2             | 127.9             | 117.9   | 119.2 | 115.9 | 127.5                     | 113.2             | 105.3             | 109.8   | 128.8 | 130.4 |
| Business light vehicles                              |       | .58                                   | 118.8                     | 120.7             | 128.7             | 115.0   | 121.4 | 116.5 | 129.7                     | 116.7             | 104.7             | 107.2   | 133.1 | 132.8 |
| Autos  |       | .14                                   | 85.2                      | 85.7              | 92.8              | 87.6  | 81.0  | 76.5  | 93.5                      | 85.0              | 75.3              | 80.8  | 88.5  | 86.2  |
| Trucks   |       | .44                                   | 138.9                     | 141.6             | 150.2             | 131.6   | 145.2 | 140.1 | 151.3                     | 135.7             | 122.2             | 123.2   | 159.4 | 160.2 |
| Information processing                               |       | 2.13                                  | 108.5                     | 108.7             | 110.6             | 111.4   | 112.2 | 113.9 | 110.2                     | 111.0             | 114.0             | 110.7   | 109.9 | 112.4 |
| Industrial and other                                 |       | 4.93                                  | 96.6                      | 97.3              | 95.6              | 96.9  | 94.9  | 95.2  | 97.6                      | 96.2              | 93.3              | 94.0  | 94.2  | 95.2  |
| Industrial equipment                                 |       | 2.93                                  | 96.0                      | 96.4              | 94.1              | 95.2  | 93.7  | 93.9  | 96.0                      | 95.4              | 92.4              | 92.8  | 93.5  | 94.0  |
| Other equipment                                      |       | 2.01                                  | 97.6                      | 98.6              | 98.0              | 99.6  | 96.7  | 97.2  | 100.2                     | 97.6              | 94.7              | 96.0  | 95.4  | 97.2  |
| Oil and gas well drilling<br>and manufactured homes  |       | .66                                   | 81.3                      | 82.1              | 81.6              | 81.7  | 81.3  | 81.2  | 82.9                      | 83.4              | 81.7              | 81.6  | 81.3  | 79.8  |
| Defense and space equipment                          |       | 2.11                                  | 95.3                      | 95.6              | 98.5              | 99.7  | 100.6 | 101.6 | 95.5                      | 96.6              | 100.7             | 99.4  | 100.2 | 101.1 |
| <b>Nonindustrial supplies</b>                        |       | 14.09                                 | 108.8                     | 108.8             | 109.2             | 109.5   | 109.0 | 109.1 | 109.5                     | 108.2             | 108.7             | 107.0   | 105.3 | 107.5 |
| Construction supplies                                |       | 5.26                                  | 115.3                     | 115.6             | 117.7             | 117.8   | 116.2 | 116.6 | 117.8                     | 114.8             | 113.4             | 109.1   | 108.6 | 112.5 |
| Business supplies                                    |       | 8.83                                  | 105.6                     | 105.5             | 104.9             | 105.3   | 105.5 | 105.4 | 105.4                     | 104.9             | 106.4             | 106.1   | 103.8 | 105.1 |
| Non-energy business supplies                         |       | 6.43                                  | 103.1                     | 102.9             | 103.2             | 103.1   | 103.1 | 102.9 | 104.2                     | 103.5             | 103.9             | 101.1   | 100.8 | 102.3 |
| Commercial energy products                           |       | 2.40                                  | 113.4                     | 113.2             | 110.0             | 112.0   | 112.6 | 112.7 | 109.0                     | 109.2             | 114.2             | 120.9   | 112.4 | 113.6 |
| <b>Materials</b>                                     |       | 46.16                                 | 114.9                     | 115.8             | 115.9             | 115.6   | 115.8 | 115.5 | 114.6                     | 115.2             | 114.9             | 114.7   | 115.4 | 115.1 |
| Non-energy   |       | 27.77                                 | 106.9                     | 107.3             | 108.2             | 107.2   | 106.9 | 106.8 | 108.0                     | 107.3             | 106.4             | 105.1   | 106.3 | 107.3 |
| Durable  |       | 16.42                                 | 108.6                     | 109.2             | 110.0             | 108.7   | 108.9 | 108.8 | 110.1                     | 108.9             | 107.5             | 106.0   | 108.4 | 109.5 |
| Consumer parts                                       |       | 2.98                                  | 112.2                     | 113.6             | 115.2             | 110.2   | 109.7 | 107.6 | 118.4                     | 112.6             | 104.5             | 108.1   | 115.4 | 113.2 |
| Equipment parts                                      |       | 4.77                                  | 110.3                     | 110.2             | 110.6             | 110.9   | 111.3 | 112.2 | 110.6                     | 110.6             | 111.5             | 108.9   | 109.7 | 113.4 |
| Computer and other<br>board assemblies and parts     |       | .19                                   | 108.0                     | 101.5             | 100.7             | 100.0   | 101.4 | 102.8 | 106.6                     | 100.6             | 108.4             | 94.4  | 95.5  | 109.7 |
| Semiconductors, printed<br>circuit boards, and other |       | .76                                   | 169.5                     | 167.6             | 166.7             | 166.3   | 168.3 | 168.3 | 170.3                     | 168.1             | 172.7             | 159.7   | 157.7 | 172.4 |
| Other equipment parts                                |       | 3.82                                  | 98.5                      | 99.0              | 99.5              | 100.0   | 100.1 | 101.1 | 98.8                      | 99.4              | 99.5              | 98.7  | 99.9  | 101.7 |
| Other  |       | 8.67                                  | 106.4                     | 107.1             | 107.9             | 107.0   | 107.3 | 107.2 | 107.1                     | 106.7             | 106.3             | 103.6   | 105.3 | 106.0 |
| Basic metals   |       | 2.83                                  | 97.1                      | 98.7              | 99.0              | 97.1  | 97.2  | 98.3  | 96.2                      | 97.6              | 96.9              | 95.5  | 98.5  | 98.6  |
| Miscellaneous materials                              |       | 5.84                                  | 111.1                     | 111.3             | 112.5             | 112.1   | 112.6 | 111.8 | 112.8                     | 111.3             | 111.1             | 107.7   | 108.7 | 109.8 |
| Nondurable   |       | 11.35                                 | 104.3                     | 104.6             | 105.4             | 104.8   | 103.8 | 103.8 | 104.8                     | 104.8             | 104.6             | 103.6   | 103.1 | 104.0 |
| Textile  |       | .36                                   | 101.4                     | 100.0             | 97.3              | 100.1   | 101.9 | 102.8 | 101.9                     | 101.1             | 98.4              | 97.7  | 100.7 | 102.5 |
| Paper  |       | 1.82                                  | 92.8                      | 92.8              | 93.1              | 92.2  | 90.4  | 90.5  | 92.1                      | 92.9              | 93.2              | 91.6  | 90.5  | 90.6  |
| Chemical   |       | 6.03                                  | 105.7                     | 106.7             | 107.8             | 106.7   | 105.0 | 105.2 | 105.2                     | 106.3             | 107.1             | 105.8   | 104.1 | 105.2 |
| Other materials                                      |       | 3.14                                  | 109.3                     | 108.5             | 109.2             | 109.4   | 110.1 | 109.7 | 112.6                     | 109.9             | 107.5             | 107.6   | 109.6 | 110.6 |
| Containers   |       | 1.02                                  | 103.2                     | 103.4             | 103.8             | 103.2   | 103.2 | 102.6 | 106.1                     | 102.3             | 96.8              | 99.0  | 100.8 | 102.6 |
| Miscellaneous materials                              |       | 2.12                                  | 112.3                     | 111.0             | 111.9             | 112.5   | 113.6 | 113.3 | 115.9                     | 113.7             | 112.9             | 112.0   | 114.0 | 114.6 |
| Energy   |       | 18.39                                 | 125.3                     | 126.9             | 125.9             | 126.9   | 127.9 | 127.0 | 122.7                     | 125.5             | 126.3             | 127.8   | 127.8 | 125.0 |
| Primary energy                                       |       | 13.68                                 | 131.2                     | 132.7             | 134.7             | 134.4   | 135.0 | 133.9 | 129.9                     | 134.1             | 135.4             | 134.9   | 136.2 | 134.7 |
| Converted fuel                                       |       | 4.71                                  | 105.6                     | 107.2             | 99.0              | 103.0   | 104.8 | 104.4 | 100.0                     | 99.2              | 98.8              | 104.9   | 101.8 | 96.3  |

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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            | 2018<br>Proportion | 1972-<br>2018<br>Ave. | 1982<br>Low | 1988-<br>1989<br>High | 1990-<br>1991<br>Low | 1994-<br>1995<br>High | 2009<br>Low | 2018<br>Mar. | 2018<br>Oct. <sup>r</sup> | 2018<br>Nov. <sup>r</sup> | 2018<br>Dec. <sup>r</sup> | 2019<br>Jan. <sup>r</sup> | 2019<br>Feb. <sup>r</sup> | 2019<br>Mar. <sup>p</sup> |
|--|------------------|--------------------|-----------------------|-------------|-----------------------|----------------------|-----------------------|-------------|--------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|
| <b>Total industry</b>  |                  | 100.00             | 79.8                  | 70.9        | 85.1                  | 78.8                 | 85.0                  | 66.7        | 78.2         | 79.3                      | 79.6                      | 79.5                      | 79.1                      | 79.0                      | 78.8                      |
| STAGE-OF-PROCESS GROUPS  |                  |                    |                       |             |                       |                      |                       |             |              |                           |                           |                           |                           |                           |                           |
| Crude  |                  | 17.99              | 86.1                  | 78.2        | 87.8                  | 84.7                 | 90.0                  | 76.4        | 87.2         | 90.2                      | 90.4                      | 91.4                      | 90.6                      | 89.9                      | 89.0                      |
| Primary and semifinished   |                  | 44.42              | 80.4                  | 68.2        | 86.4                  | 78.1                 | 87.8                  | 63.9        | 77.3         | 77.9                      | 78.5                      | 77.4                      | 77.2                      | 77.3                      | 77.2                      |
| Finished   |                  | 37.58              | 76.8                  | 70.7        | 83.3                  | 77.3                 | 80.6                  | 66.5        | 75.0         | 75.6                      | 75.5                      | 76.1                      | 75.7                      | 75.6                      | 75.6                      |
| INDUSTRY GROUPS  |                  |                    |                       |             |                       |                      |                       |             |              |                           |                           |                           |                           |                           |                           |
| <b>Manufacturing</b>   |                  | 76.12              | 78.3                  | 68.6        | 85.5                  | 77.3                 | 84.6                  | 63.7        | 76.3         | 76.8                      | 76.9                      | 77.3                      | 76.8                      | 76.5                      | 76.4                      |
| <b>Manufacturing (NAICS)</b>                                     | <b>31-33</b>     | 73.77              | 78.2                  | 67.9        | 85.4                  | 77.2                 | 84.7                  | 63.5        | 76.7         | 77.3                      | 77.4                      | 77.8                      | 77.3                      | 77.0                      | 76.9                      |
| <b>Durable manufacturing</b>                                     |                  | 38.37              | 76.8                  | 63.0        | 84.6                  | 73.9                 | 83.7                  | 58.4        | 75.7         | 76.9                      | 77.0                      | 77.6                      | 76.8                      | 76.7                      | 76.6                      |
| Wood products  | 321              | 1.43               | 76.7                  | 59.6        | 86.4                  | 72.1                 | 86.6                  | 47.8        | 81.2         | 78.3                      | 77.4                      | 77.0                      | 76.1                      | 76.5                      | 74.6                      |
| Nonmetallic mineral products                                     | 327              | 2.52               | 74.0                  | 64.2        | 83.1                  | 71.4                 | 82.5                  | 46.5        | 68.8         | 67.9                      | 67.0                      | 69.1                      | 69.4                      | 67.4                      | 67.6                      |
| Primary metals   | 331              | 3.03               | 78.0                  | 48.1        | 92.7                  | 76.6                 | 94.1                  | 48.7        | 71.0         | 73.7                      | 75.4                      | 75.1                      | 73.3                      | 72.8                      | 73.7                      |
| Iron and steel products  | 3311.2           | 1.43               | 79.8                  | 38.0        | 97.9                  | 71.1                 | 97.9                  | 40.4        | 76.8         | 79.6                      | 81.2                      | 80.3                      | 78.4                      | 77.7                      | 79.5                      |
| Fabricated metal products  | 332              | 5.37               | 77.6                  | 61.6        | 81.7                  | 72.5                 | 84.8                  | 62.0        | 79.9         | 81.4                      | 81.7                      | 81.8                      | 82.2                      | 81.8                      | 81.6                      |
| Machinery  | 333              | 5.39               | 77.6                  | 57.8        | 85.3                  | 73.8                 | 87.3                  | 59.8        | 75.0         | 79.7                      | 81.0                      | 79.5                      | 80.2                      | 78.6                      | 79.0                      |
| Computer and electronic products                                 | 334              | 5.28               | 77.4                  | 78.1        | 82.1                  | 77.6                 | 84.2                  | 70.1        | 71.3         | 71.8                      | 71.4                      | 72.1                      | 72.1                      | 72.4                      | 72.9                      |
| Computer and peripheral equip.                                   | 3341             | .36                | 77.8                  | 66.8        | 79.3                  | 69.5                 | 86.8                  | 82.9        | 74.3         | 72.6                      | 73.5                      | 72.5                      | 72.6                      | 72.3                      | 72.1                      |
| Communications equipment   | 3342             | .58                | 76.1                  | 84.5        | 85.3                  | 77.1                 | 86.1                  | 77.1        | 60.8         | 63.4                      | 63.0                      | 62.5                      | 61.9                      | 61.3                      | 60.7                      |
| Semiconductor and related electronic components                  | 3344             | 1.20               | 78.7                  | 78.1        | 82.5                  | 78.4                 | 92.0                  | 62.9        | 76.8         | 79.6                      | 77.7                      | 76.9                      | 76.2                      | 76.8                      | 76.8                      |
| Electrical equipment, appliances, and components                 | 335              | 1.84               | 81.9                  | 64.6        | 89.2                  | 77.3                 | 92.8                  | 67.0        | 75.0         | 76.2                      | 76.2                      | 76.6                      | 75.2                      | 74.7                      | 74.5                      |
| Transportation equipment   | 336              | 9.77               | 74.8                  | 55.9        | 87.1                  | 67.9                 | 79.4                  | 49.9        | 77.8         | 77.6                      | 77.8                      | 80.0                      | 77.2                      | 78.3                      | 77.4                      |
| Motor vehicles and parts   | 3361-3           | 5.55               | 75.1                  | 44.3        | 90.5                  | 56.5                 | 87.6                  | 33.7        | 80.5         | 78.5                      | 78.9                      | 82.0                      | 76.5                      | 78.3                      | 76.3                      |
| Autos and light trucks   | 33611            | 2.41               | 76.4                  | 39.7        | 92.9                  | 52.8                 | 89.3                  | 26.5        | 80.1         | 78.0                      | 79.2                      | 84.4                      | 75.3                      | 79.7                      | 76.4                      |
| Aerospace and miscellaneous transportation equipment             | 3364-9           | 4.23               | 74.2                  | 68.4        | 89.0                  | 82.3                 | 70.9                  | 72.7        | 74.3         | 76.4                      | 76.2                      | 77.2                      | 77.9                      | 78.3                      | 78.8                      |
| Furniture and related products                                   | 337              | 1.16               | 77.0                  | 64.9        | 82.2                  | 68.6                 | 82.8                  | 56.4        | 77.4         | 78.3                      | 78.0                      | 77.2                      | 77.4                      | 76.4                      | 75.7                      |
| Miscellaneous  | 339              | 2.58               | 76.6                  | 69.0        | 82.5                  | 77.3                 | 81.1                  | 67.9        | 79.2         | 79.7                      | 79.2                      | 79.5                      | 79.3                      | 80.0                      | 79.8                      |
| <b>Nondurable manufacturing</b>                                  |                  | 35.40              | 80.0                  | 75.3        | 86.7                  | 81.4                 | 86.1                  | 68.8        | 77.8         | 77.8                      | 77.8                      | 78.1                      | 77.9                      | 77.2                      | 77.2                      |
| Food   | 311              | 8.22               | 82.1                  | 79.5        | 86.2                  | 83.1                 | 86.2                  | 77.8        | 81.6         | 80.7                      | 80.0                      | 80.2                      | 81.0                      | 81.2                      | 81.2                      |
| Beverage and tobacco products                                    | 312              | 3.16               | 75.9                  | 78.6        | 86.9                  | 75.1                 | 85.2                  | 67.9        | 65.8         | 63.0                      | 63.0                      | 64.7                      | 62.7                      | 62.0                      | 61.2                      |
| Textile mills  | 313              | .34                | 78.7                  | 72.3        | 92.0                  | 77.3                 | 93.7                  | 51.9        | 71.4         | 76.9                      | 76.1                      | 73.7                      | 76.7                      | 78.4                      | 78.7                      |
| Textile product mills  | 314              | .35                | 79.0                  | 71.7        | 90.9                  | 76.7                 | 88.7                  | 56.6        | 72.9         | 69.3                      | 67.8                      | 67.5                      | 65.9                      | 64.7                      | 65.6                      |
| Apparel  | 315              | .15                | 77.7                  | 74.8        | 84.5                  | 77.4                 | 88.7                  | 62.1        | 71.3         | 69.6                      | 68.8                      | 67.1                      | 65.5                      | 63.6                      | 64.6                      |
| Leather and allied products                                      | 316              | .07                | 70.6                  | 72.9        | 80.7                  | 71.9                 | 79.8                  | 44.2        | 57.5         | 54.8                      | 53.9                      | 54.1                      | 52.4                      | 50.3                      | 48.7                      |
| Paper  | 322              | 2.15               | 86.7                  | 81.4        | 92.6                  | 85.6                 | 92.7                  | 72.9        | 86.6         | 87.1                      | 87.0                      | 87.6                      | 87.0                      | 85.8                      | 86.1                      |
| Printing and support   | 323              | 1.38               | 79.7                  | 80.3        | 91.5                  | 83.2                 | 85.4                  | 58.8        | 73.9         | 73.3                      | 72.6                      | 72.2                      | 72.3                      | 71.0                      | 70.5                      |
| Petroleum and coal products                                      | 324              | 3.47               | 85.0                  | 68.5        | 85.8                  | 81.4                 | 91.2                  | 76.1        | 80.4         | 80.5                      | 79.8                      | 80.9                      | 82.5                      | 78.9                      | 79.7                      |
| Chemicals  | 325              | 12.76              | 76.7                  | 68.0        | 85.2                  | 80.1                 | 82.0                  | 64.7        | 75.5         | 77.4                      | 78.2                      | 78.1                      | 77.4                      | 77.0                      | 77.2                      |
| Plastics material and resin                                      | 325211           | .87                | 88.3                  | 66.1        | 96.9                  | 81.6                 | 102.1                 | 75.6        | 88.2         | 88.9                      | 90.2                      | 90.8                      | 89.3                      | 84.7                      | 84.8                      |
| Synthetic rubber   | 325212           | .10                | 74.8                  | 54.6        | 94.4                  | 72.5                 | 87.4                  | 55.7        | 68.3         | 68.6                      | 68.7                      | 69.9                      | 72.0                      | 70.0                      | 71.4                      |
| Artificial and synthetic fibers and filaments                    | 32522            | .07                | 81.0                  | 63.3        | 93.6                  | 75.5                 | 91.6                  | 58.3        | 76.8         | 77.3                      | 76.6                      | 78.1                      | 79.9                      | 78.2                      | 79.9                      |
| Plastics and rubber products                                     | 326              | 3.34               | 82.1                  | 72.5        | 89.8                  | 77.0                 | 93.2                  | 57.6        | 83.2         | 80.5                      | 80.8                      | 81.1                      | 80.3                      | 80.0                      | 79.0                      |
| <b>Other manufacturing (non-NAICS)</b>                           | <b>1133,5111</b> | 2.35               | 79.8                  | 86.7        | 91.1                  | 80.2                 | 83.3                  | 68.0        | 64.8         | 61.8                      | 61.6                      | 60.2                      | 60.2                      | 60.8                      | 60.8                      |
| <b>Mining</b>  | <b>21</b>        | 13.69              | 87.1                  | 79.6        | 86.3                  | 84.3                 | 88.6                  | 78.3        | 88.6         | 91.6                      | 91.8                      | 93.2                      | 92.5                      | 92.1                      | 90.9                      |
| Oil and gas extraction   | 211              | 9.41               | 93.0                  | 89.6        | 91.5                  | 89.5                 | 94.8                  | 93.3        | 98.1         | 100.6                     | 100.7                     | 101.4                     | 100.9                     | 100.5                     | 99.0                      |
| Mining (except oil and gas)                                      | 212              | 2.10               | 82.8                  | 67.8        | 91.1                  | 80.3                 | 87.7                  | 68.4        | 78.0         | 78.0                      | 78.1                      | 83.1                      | 80.6                      | 79.5                      | 78.1                      |
| Coal mining  | 2121             | .72                | 84.5                  | 76.3        | 92.5                  | 79.8                 | 87.3                  | 75.3        | 78.3         | 75.6                      | 76.3                      | 81.1                      | 76.5                      | 73.5                      | 68.6                      |
| Metal mining   | 2122             | .62                | 77.4                  | 32.2        | 93.3                  | 81.2                 | 90.0                  | 64.0        | 65.3         | 69.3                      | 69.8                      | 71.8                      | 69.8                      | 70.8                      | 72.2                      |
| Stone and earth minerals   | 2123             | .76                | 83.3                  | 63.5        | 89.4                  | 76.3                 | 91.8                  | 61.9        | 88.3         | 87.2                      | 86.4                      | 93.8                      | 92.7                      | 91.7                      | 91.3                      |
| Support activities for mining                                    | 213              | 2.19               | 71.8                  | 52.6        | 62.6                  | 56.1                 | 74.8                  | 48.9        | 60.0         | 63.7                      | 64.1                      | 64.4                      | 65.0                      | 64.2                      | 64.5                      |
| <b>Utilities</b>   | <b>2211,2</b>    | 10.19              | 85.4                  | 77.0        | 93.2                  | 84.7                 | 93.2                  | 78.2        | 78.6         | 80.6                      | 82.6                      | 76.9                      | 77.2                      | 79.9                      | 79.9                      |
| Electric   | 2211             | 8.70               | 86.4                  | 77.7        | 94.7                  | 87.7                 | 95.7                  | 78.0        | 77.8         | 78.3                      | 79.3                      | 75.7                      | 75.9                      | 78.4                      | 77.9                      |
| Natural gas  | 2212             | 1.48               | 80.2                  | 72.9        | 86.3                  | 67.4                 | 87.5                  | 71.9        | 83.1         | 92.8                      | 101.1                     | 83.0                      | 83.9                      | 87.7                      | 90.8                      |
| SPECIAL AGGREGATES   |                  |                    |                       |             |                       |                      |                       |             |              |                           |                           |                           |                           |                           |                           |
| Selected high-technology industries                              |                  | 2.14               | 77.3                  | 75.6        | 81.3                  | 75.7                 | 86.2                  | 71.1        | 72.2         | 74.1                      | 73.0                      | 72.2                      | 71.6                      | 71.7                      | 71.5                      |
| Manufacturing ex. selected high-tech industries                  |                  | 73.99              | 78.3                  | 68.1        | 85.9                  | 77.3                 | 84.5                  | 63.3        | 76.5         | 76.9                      | 77.0                      | 77.4                      | 77.0                      | 76.6                      | 76.5                      |
| Manufacturing ex. selected high-tech and motor vehicles and pts. |                  | 68.44              | 78.6                  | 69.5        | 85.5                  | 79.2                 | 84.3                  | 65.9        | 76.1         | 76.8                      | 76.9                      | 77.1                      | 77.0                      | 76.5                      | 76.5                      |

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**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 |           |       |       |           |       |       |
|  |                  | 1972-2019 Ave. | 1972-1975 Ave. | 1975-2019 Ave. | 2015                             | 2016 | 2017 | 2018 | 2019 <sup>P</sup> | 2018 Mar.              | 2018 Oct. | Nov.  | Dec.  | 2019 Jan. | Feb.  | Mar.  |
| <b>Total industry</b>  |                  | 2.2            | 3.0            | 2.1            | .7                               | .5   | .3   | 1.5  | 2.0               | 137.2                  | 138.6     | 138.9 | 139.1 | 139.4     | 139.6 | 139.9 |
| <b>STAGE-OF-PROCESS GROUPS</b>                                   |                  |                |                |                |                                  |      |      |      |                   |                        |           |       |       |           |       |       |
| Crude  |                  | .9             | 1.0            | .9             | .4                               | -2.1 | .5   | 5.3  | 4.1               | 131.7                  | 136.3     | 136.9 | 137.5 | 138.1     | 138.7 | 139.2 |
| Primary and semifinished   |                  | 2.2            | 3.6            | 2.0            | -.3                              | 1.7  | -.1  | .8   | 1.5               | 137.3                  | 138.2     | 138.3 | 138.5 | 138.7     | 138.8 | 139.0 |
| Finished   |                  | 2.6            | 3.3            | 2.5            | .0                               | .7   | 1.1  | 1.0  | 1.6               | 137.6                  | 138.4     | 138.6 | 138.7 | 138.9     | 139.0 | 139.2 |
| <b>INDUSTRY GROUPS</b>   |                  |                |                |                |                                  |      |      |      |                   |                        |           |       |       |           |       |       |
| <b>Manufacturing</b>   |                  | 2.3            | 3.1            | 2.2            | -.4                              | 1.2  | .3   | .7   | 1.3               | 136.9                  | 137.5     | 137.6 | 137.7 | 137.9     | 138.0 | 138.2 |
| <b>Manufacturing (NAICS)</b>                                     | <b>31-33</b>     | 2.4            | 3.1            | 2.3            | -.3                              | 1.3  | .5   | .8   | 1.4               | 137.2                  | 137.9     | 138.1 | 138.2 | 138.4     | 138.5 | 138.7 |
| <b>Durable manufacturing</b>                                     |                  | 3.3            | 3.3            | 3.3            | .2                               | 1.0  | .6   | 1.0  | 1.7               | 140.8                  | 141.7     | 141.8 | 142.0 | 142.2     | 142.4 | 142.6 |
| Wood products  | 321              | .9             | 2.0            | .9             | -.6                              | 2.7  | 1.4  | 3.1  | 3.8               | 158.2                  | 161.4     | 162.0 | 162.5 | 163.0     | 163.5 | 164.1 |
| Nonmetallic mineral products                                     | 327              | .9             | .8             | .9             | -1.2                             | 3.2  | 1.8  | 1.7  | 1.8               | 174.4                  | 176.2     | 176.5 | 176.7 | 177.0     | 177.3 | 177.5 |
| Primary metals   | 331              | -.1            | .7             | -.1            | 1.6                              | -1.4 | -4.3 | -1.8 | .2                | 136.0                  | 135.0     | 134.9 | 134.9 | 134.9     | 134.9 | 134.9 |
| Iron and steel products  | 3311,2           | -.3            | -.1            | -.3            | .8                               | -4.6 | .7   | .3   | .3                | 125.4                  | 125.3     | 125.3 | 125.3 | 125.3     | 125.3 | 125.3 |
| Fabricated metal products  | 332              | 1.0            | 3.2            | .8             | -1.7                             | -.1  | -.3  | .8   | .3                | 127.0                  | 127.7     | 127.8 | 127.9 | 127.9     | 128.0 | 128.0 |
| Machinery  | 333              | 1.3            | 3.7            | 1.1            | -.5                              | -1.6 | -1.5 | -1.3 | -.2               | 120.3                  | 119.4     | 119.3 | 119.3 | 119.2     | 119.2 | 119.1 |
| Computer and electronic products                                 | 334              | 12.6           | 11.7           | 12.6           | 3.4                              | 6.6  | 2.8  | 2.6  | 4.9               | 167.2                  | 169.9     | 170.5 | 171.0 | 171.7     | 172.3 | 173.0 |
| Computer and peripheral equip.                                   | 3341             | 19.3           | 31.2           | 18.3           | -2.6                             | 7.7  | 19.0 | 2.4  | 2.5               | 181.6                  | 181.5     | 181.4 | 181.4 | 181.4     | 181.6 | 181.9 |
| Communications equipment   | 3342             | 9.7            | 10.8           | 9.6            | 3.4                              | 4.8  | 6.6  | 8.8  | 13.2              | 188.8                  | 198.7     | 200.4 | 202.3 | 204.2     | 206.2 | 208.3 |
| Semiconductor and related electronic components                  | 3344             | 18.7           | 13.2           | 19.2           | 2.3                              | 13.9 | -.7  | .5   | 5.5               | 205.2                  | 207.1     | 207.8 | 208.6 | 209.4     | 210.3 | 211.2 |
| Electrical equipment, appliances, and components                 | 335              | 1.0            | 3.6            | .7             | 4.1                              | .5   | 1.1  | 1.8  | 2.2               | 135.5                  | 137.0     | 137.2 | 137.5 | 137.7     | 138.0 | 138.2 |
| Transportation equipment   | 336              | 1.9            | 1.9            | 1.9            | .7                               | 1.1  | 1.9  | 1.4  | 1.0               | 148.4                  | 149.5     | 149.6 | 149.8 | 149.9     | 150.0 | 150.1 |
| Motor vehicles and parts   | 3361-3           | 2.4            | 2.9            | 2.3            | .8                               | 1.5  | 3.4  | 1.6  | .5                | 164.9                  | 165.9     | 166.0 | 166.1 | 166.1     | 166.2 | 166.2 |
| Autos and light trucks   | 33611            | 2.5            | 3.8            | 2.4            | 1.6                              | 2.6  | 4.8  | 1.3  | -1.9              | 166.3                  | 166.7     | 166.5 | 166.2 | 165.9     | 165.7 | 165.4 |
| Aerospace and miscellaneous transportation equipment             | 3364-9           | 1.1            | .5             | 1.1            | .6                               | .7   | .0   | 1.3  | 1.9               | 131.9                  | 133.1     | 133.3 | 133.5 | 133.7     | 134.0 | 134.2 |
| Furniture and related products                                   | 337              | 1.1            | 3.4            | .9             | .1                               | 1.6  | .4   | 1.8  | 1.9               | 136.0                  | 137.7     | 137.9 | 138.2 | 138.4     | 138.6 | 138.9 |
| Miscellaneous  | 339              | 2.1            | 3.4            | 2.0            | -3.5                             | -2.3 | .3   | 2.2  | 3.7               | 124.6                  | 126.3     | 126.6 | 127.0 | 127.3     | 127.7 | 128.1 |
| <b>Nondurable manufacturing</b>                                  |                  | 1.3            | 2.9            | 1.1            | -.9                              | 1.7  | .4   | .6   | 1.3               | 133.3                  | 133.9     | 134.1 | 134.2 | 134.3     | 134.5 | 134.6 |
| Food   | 311              | 1.8            | 2.8            | 1.7            | 2.0                              | 2.4  | 2.2  | 2.4  | 2.8               | 138.7                  | 140.6     | 140.9 | 141.2 | 141.5     | 141.9 | 142.2 |
| Beverage and tobacco products                                    | 312              | .5             | .8             | .4             | -1.7                             | 1.8  | .1   | .4   | .0                | 149.8                  | 150.3     | 150.4 | 150.4 | 150.5     | 150.5 | 150.5 |
| Textile mills  | 313              | -.9            | 2.4            | -1.2           | -.4                              | -1.6 | -2.8 | -1.2 | -.8               | 129.5                  | 128.9     | 128.9 | 128.8 | 128.8     | 128.7 | 128.6 |
| Textile product mills  | 314              | .2             | 1.3            | .1             | -.5                              | -1.0 | -.8  | .8   | 1.5               | 152.1                  | 153.0     | 153.2 | 153.3 | 153.5     | 153.7 | 153.9 |
| Apparel  | 315              | -4.0           | 1.3            | -4.5           | -6.8                             | -7.0 | -7.0 | -5.8 | -4.8              | 99.1                   | 95.8      | 95.3  | 94.9  | 94.5      | 94.1  | 93.7  |
| Leather and allied products                                      | 316              | -2.7           | -1.9           | -2.8           | 1.1                              | -1.4 | -.1  | .0   | .0                | 149.0                  | 148.8     | 148.8 | 148.8 | 148.8     | 148.8 | 148.7 |
| Paper  | 322              | .6             | 3.2            | .4             | -2.5                             | -2.3 | -.4  | -.8  | -.4               | 110.7                  | 110.1     | 110.1 | 110.0 | 109.9     | 109.9 | 109.8 |
| Printing and support   | 323              | 1.3            | 3.4            | 1.1            | -3.8                             | -3.3 | -1.7 | .7   | .0                | 131.7                  | 132.4     | 132.5 | 132.6 | 132.6     | 132.7 | 132.7 |
| Petroleum and coal products                                      | 324              | 1.3            | 5.4            | .9             | 3.7                              | 11.3 | -3.5 | -.4  | -.6               | 132.6                  | 132.8     | 132.9 | 132.9 | 132.9     | 132.8 | 132.8 |
| Chemicals  | 325              | 1.7            | 3.8            | 1.5            | -2.5                             | .0   | .5   | -.4  | .7                | 131.1                  | 130.7     | 130.7 | 130.8 | 130.8     | 130.9 | 130.9 |
| Plastics material and resin                                      | 325211           | 2.3            | 4.7            | 2.1            | -5.9                             | 2.2  | 6.3  | 2.6  | 4.6               | 112.9                  | 114.3     | 114.6 | 114.9 | 115.2     | 115.6 | 116.0 |
| Synthetic rubber   | 325212           | .4             | 3.1            | .2             | -1.8                             | -1.0 | -3.2 | -1.3 | -1.0              | 138.0                  | 137.3     | 137.2 | 137.1 | 137.1     | 137.0 | 136.9 |
| Artificial and synthetic fibers and filaments                    | 32522            | -.2            | 16.1           | -1.5           | -5.5                             | 3.2  | 2.9  | -3.1 | -.1               | 110.6                  | 108.9     | 108.9 | 109.0 | 109.0     | 109.1 | 109.1 |
| Plastics and rubber products                                     | 326              | 2.5            | 4.6            | 2.3            | -1.6                             | 3.5  | 2.3  | 3.5  | 4.0               | 133.4                  | 136.5     | 136.9 | 137.4 | 137.9     | 138.4 | 138.8 |
| <b>Other manufacturing (non-NAICS)</b>                           | <b>1133,5111</b> | -.3            | 2.9            | -.5            | -3.7                             | -3.2 | -4.2 | -3.6 | -2.8              | 128.0                  | 125.3     | 125.0 | 124.7 | 124.4     | 124.1 | 123.8 |
| <b>Mining</b>  | <b>21</b>        | .8             | -.5            | .9             | .9                               | -2.8 | .5   | 7.4  | 5.3               | 134.0                  | 140.4     | 141.2 | 142.1 | 142.9     | 143.6 | 144.3 |
| Oil and gas extraction   | 211              | .9             | -2.7           | 1.2            | 4.9                              | -.6  | 5.3  | 13.3 | 9.0               | 150.6                  | 162.6     | 164.2 | 165.7 | 167.1     | 168.5 | 169.8 |
| Mining (except oil and gas)                                      | 212              | .7             | 1.6            | .6             | -3.4                             | -1.8 | .3   | -1.8 | -1.0              | 118.5                  | 117.0     | 116.9 | 116.7 | 116.6     | 116.4 | 116.3 |
| Coal mining  | 2121             | .3             | 2.5            | .1             | -6.2                             | -8.4 | -1.8 | -5.2 | -3.5              | 97.9                   | 94.5      | 94.1  | 93.7  | 93.3      | 93.0  | 92.7  |
| Metal mining   | 2122             | 1.1            | 1.9            | 1.0            | -3.0                             | 3.2  | .9   | -1.0 | .2                | 136.5                  | 135.8     | 135.7 | 135.7 | 135.7     | 135.7 | 135.7 |
| Stone and earth minerals   | 2123             | .4             | -.1            | .5             | 1.2                              | 2.0  | 1.3  | 1.2  | .7                | 134.3                  | 135.2     | 135.3 | 135.3 | 135.4     | 135.5 | 135.6 |
| Support activities for mining                                    | 213              | .1             | 5.7            | -.4            | -16.2                            | -1.5 | -5.5 | -3.5 | -4.5              | 103.7                  | 102.0     | 101.7 | 101.4 | 101.1     | 100.8 | 100.4 |
| <b>Utilities</b>   | <b>2211,2</b>    | 2.2            | 6.2            | 1.9            | .4                               | 1.4  | 1.4  | 1.7  | 2.6               | 132.9                  | 134.3     | 134.6 | 134.8 | 135.1     | 135.4 | 135.7 |
| Electric   | 2211             | 2.8            | 8.5            | 2.3            | .4                               | 1.3  | 1.3  | 2.1  | 2.5               | 132.1                  | 133.9     | 134.1 | 134.4 | 134.7     | 135.0 | 135.2 |
| Natural gas  | 2212             | .3             | -1.0           | .4             | 1.0                              | .6   | .8   | 1.2  | 2.0               | 139.4                  | 140.5     | 140.7 | 140.9 | 141.1     | 141.3 | 141.5 |
| <b>SPECIAL AGGREGATES</b>  |                  |                |                |                |                                  |      |      |      |                   |                        |           |       |       |           |       |       |
| Selected high-technology industries                              |                  | 17.2           | 17.2           | 17.2           | 2.0                              | 10.6 | 3.9  | 3.0  | 7.3               | 197.6                  | 201.5     | 202.3 | 203.3 | 204.3     | 205.4 | 206.5 |
| Manufacturing ex. selected high-tech industries                  |                  | 1.3            | 2.6            | 1.1            | -.5                              | .9   | .2   | .6   | 1.1               | 135.0                  | 135.6     | 135.7 | 135.8 | 135.9     | 136.1 | 136.2 |
| Manufacturing ex. selected high-tech and motor vehicles and pts. |                  | 1.2            | 2.6            | 1.0            | -.6                              | .8   | -.1  | .5   | 1.2               | 133.0                  | 133.5     | 133.7 | 133.8 | 133.9     | 134.0 | 134.2 |