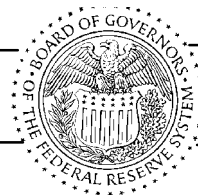


# FEDERAL RESERVE statistical release



**G.17 (419) Supplemental Tables**

**For release at 9:15 a.m. (EDT)  
August 15, 2018**

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

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

| Item                                                            | NAICS       | 2017<br>IP<br>Proportion <sup>1</sup> | Index, 2012 = 100         |                   |                   |                  |                   |                   |                           |                   |                   |                  |                   |                   |
|-----------------------------------------------------------------|-------------|---------------------------------------|---------------------------|-------------------|-------------------|------------------|-------------------|-------------------|---------------------------|-------------------|-------------------|------------------|-------------------|-------------------|
|                                                                 |             |                                       | Seasonally adjusted       |                   |                   |                  |                   |                   | Not seasonally adjusted   |                   |                   |                  |                   |                   |
|                                                                 |             |                                       | 2018<br>Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>r</sup> | May <sup>r</sup> | June <sup>r</sup> | July <sup>p</sup> | 2018<br>Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>r</sup> | May <sup>r</sup> | June <sup>r</sup> | July <sup>p</sup> |
| <b>Oil and gas extraction</b>                                   | <b>211</b>  | 10.25                                 | 145.2                     | 147.4             | 147.9             | 149.1            | 154.7             | 155.5             | 145.5                     | 148.2             | 148.7             | 149.0            | 153.5             | 155.0             |
| Crude petroleum and natural gas extraction                      | 211111      | 9.70                                  | 144.1                     | 146.4             | 146.9             | 148.1            | 153.8             | 154.7             | 144.7                     | 147.3             | 147.6             | 147.7            | 152.3             | 154.0             |
| Crude oil                                                       | 211111pt.   | 5.91                                  | 156.3                     | 159.1             | 159.5             | 160.7            | 169.4             | 169.4             | 157.2                     | 160.4             | 160.6             | 160.2            | 167.1             | 167.9             |
| Natural gas                                                     | 211111pt.   | 3.79                                  | 121.9                     | 123.6             | 124.1             | 125.4            |                   |                   | 122.3                     | 123.8             | 124.3             | 125.3            |                   |                   |
| Natural gas liquid extraction                                   | 211112      | .56                                   | 168.4                     | 168.3             | 170.3             | 171.1            | 172.7             | 173.2             | 162.1                     | 168.4             | 172.7             | 175.0            | 177.1             | 176.1             |
| <b>Mining (except oil and gas)</b>                              | <b>212</b>  | 2.24                                  | 94.2                      | 92.9              | 93.5              | 92.8             | 92.6              | 90.2              | 83.1                      | 85.9              | 90.9              | 94.3             | 99.2              | 96.8              |
| Coal mining                                                     | 2121        | .77                                   | 77.8                      | 78.0              | 75.1              | 76.7             | 74.9              | 73.5              | 78.0                      | 76.8              | 70.9              | 70.2             | 75.2              | 72.6              |
| Metal ore mining                                                | 2122        | .61                                   | 88.9                      | 88.4              | 96.7              | 89.5             | 95.2              | 92.6              | 88.5                      | 88.1              | 95.3              | 87.9             | 96.8              | 92.1              |
| Iron ore mining                                                 | 21221       | .05                                   | 99.3                      | 92.0              | 96.3              |                  |                   |                   | 99.4                      | 93.0              | 91.8              |                  |                   |                   |
| Gold ore and silver ore mining                                  | 21222       | .20                                   | 85.1                      | 90.4              | 96.3              | 85.3             | 87.0              | 88.5              | 83.9                      | 87.5              | 90.8              | 82.6             | 91.8              | 87.1              |
| Copper, nickel, lead, and zinc mining                           | 21223       | .30                                   | 97.9                      | 92.2              | 106.0             | 102.6            | 109.5             | 104.6             | 98.3                      | 93.5              | 107.6             | 100.1            | 109.1             | 103.6             |
| Nonmetallic mineral mining and quarrying                        | 2123        | .87                                   | 123.1                     | 119.2             | 118.1             | 119.9            | 116.7             | 113.2             | 87.4                      | 98.2              | 116.2             | 134.3            | 136.1             | 135.8             |
| <b>Support activities for mining</b>                            | <b>213</b>  | 1.62                                  | 60.6                      | 62.4              | 64.3              | 65.7             | 66.4              | 64.2              | 59.8                      | 60.4              | 62.1              | 63.9             | 64.9              | 64.4              |
| Drilling oil and gas wells                                      | 213111      | .52                                   | 70.3                      | 73.1              | 75.3              | 78.2             | 80.5              | 77.0              | 69.9                      | 70.6              | 72.8              | 76.2             | 77.0              | 76.4              |
| <b>Electric power generation, transmission and distribution</b> | <b>2211</b> | 9.00                                  | 98.1                      | 100.7             | 103.6             | 106.3            | 103.8             | 102.9             | 97.3                      | 93.8              | 89.2              | 97.6             | 110.9             | 121.1             |
| Electric power generation                                       | 22111       | 4.58                                  | 96.9                      | 98.2              | 101.4             | 103.9            | 102.1             | 101.0             | 97.7                      | 91.5              | 88.3              | 97.3             | 111.0             | 117.4             |
| Hydroelectric, renewables and other power generation            | 221111,4-8  | .52                                   | 135.0                     | 120.3             | 129.2             | 133.6            | 130.0             | 128.5             | 145.5                     | 138.2             | 149.1             | 150.8            | 139.3             | 122.8             |
| Hydroelectric power generation                                  | 221111      | .34                                   | 113.0                     | 93.9              | 105.8             | 111.2            |                   |                   | 122.3                     | 110.9             | 123.0             | 130.7            |                   |                   |
| Renewables and other power generation                           | 221114-8    | .17                                   | 200.3                     | 201.1             | 199.0             | 199.9            |                   |                   | 216.7                     | 223.6             | 230.2             | 211.0            |                   |                   |
| Fossil fuel power generation                                    | 221112      | 2.64                                  | 86.8                      | 89.8              | 95.1              | 97.5             |                   |                   | 84.6                      | 79.1              | 76.6              | 86.3             |                   |                   |
| Nuclear electric power generation                               | 221113      | 1.42                                  | 106.0                     | 108.4             | 105.2             | 107.4            |                   |                   | 110.1                     | 102.9             | 93.7              | 103.3            |                   |                   |
| Electric power transmission, control, and distribution          | 22112       | 4.42                                  | 99.2                      | 103.3             | 105.8             | 108.7            | 105.6             | 104.8             | 96.8                      | 96.3              | 90.1              | 97.8             | 110.6             | 125.0             |
| Commercial and other electricity sales                          | 22112pt.    | 1.64                                  | 106.6                     | 108.8             | 109.2             | 110.8            |                   |                   | 98.5                      | 102.4             | 98.5              | 107.0            |                   |                   |
| Industrial electricity sales                                    | 22112pt.    | .74                                   | 94.4                      | 96.0              | 94.9              | 98.2             |                   |                   | 87.6                      | 93.5              | 91.7              | 99.1             |                   |                   |
| Residential electricity sales                                   | 22112pt.    | 2.04                                  | 95.7                      | 102.3             | 107.7             | 111.4            |                   |                   | 98.9                      | 92.6              | 83.1              | 90.2             |                   |                   |
| <b>Natural gas distribution</b>                                 | <b>2212</b> | 1.37                                  | 101.6                     | 116.0             | 143.4             | 102.8            | 113.7             | 116.3             | 175.2                     | 170.7             | 122.0             | 64.3             | 57.5              | 57.9              |
| Commercial and other gas sales                                  | 2212pt.     | .26                                   | 104.2                     | 119.6             | 143.1             | 107.0            |                   |                   | 174.2                     | 171.3             | 124.1             | 67.3             |                   |                   |
| Industrial gas sales                                            | 2212pt.     | .07                                   | 108.8                     | 113.2             | 115.4             | 117.2            |                   |                   | 101.4                     | 109.8             | 103.9             | 111.1            |                   |                   |
| Residential gas sales                                           | 2212pt.     | .78                                   | 100.6                     | 117.3             | 154.5             | 97.9             |                   |                   | 198.6                     | 189.5             | 126.9             | 48.7             |                   |                   |
| Gas transmission                                                | 2212pt.     | .26                                   | 105.3                     | 115.4             | 124.7             | 114.8            |                   |                   | 125.5                     | 129.7             | 110.0             | 96.0             |                   |                   |
| <b>Food</b>                                                     | <b>311</b>  | 8.92                                  | 115.6                     | 113.7             | 115.1             | 114.5            | 114.8             | 114.7             | 112.6                     | 111.8             | 112.8             | 112.4            | 115.0             | 114.7             |
| Animal food                                                     | 3111        | .59                                   | 117.4                     | 118.3             | 121.7             | 121.5            | 121.7             | 118.5             | 116.6                     | 117.3             | 120.9             | 120.0            | 119.4             | 118.3             |
| Grain and oilseed milling                                       | 3112        | .73                                   | 110.8                     | 109.6             | 109.8             | 109.0            | 110.3             | 112.4             | 111.8                     | 111.4             | 109.6             | 108.5            | 109.2             | 110.3             |
| Sugar and confectionery product                                 | 3113        | .49                                   | 119.6                     | 116.5             | 120.9             | 121.3            | 116.2             | 113.3             | 117.5                     | 113.0             | 112.7             | 107.9            | 105.0             | 102.4             |
| Fruit and vegetable preserving and specialty food               | 3114        | 1.09                                  | 116.2                     | 113.0             | 111.3             | 110.8            | 108.1             | 112.3             | 103.5                     | 101.4             | 101.4             | 103.2            | 107.1             | 117.8             |
| Dairy product                                                   | 3115        | 1.03                                  | 107.1                     | 105.5             | 102.8             | 104.3            | 104.2             | 104.0             | 108.5                     | 110.3             | 109.4             | 108.5            | 108.1             | 104.1             |
| Dairy product (except frozen)                                   | 31151       | .93                                   | 107.6                     | 106.1             | 103.1             | 104.6            | 104.1             | 104.0             | 109.3                     | 110.5             | 108.9             | 108.2            | 106.3             | 102.9             |
| Fluid milk                                                      | 311511      | .35                                   | 88.7                      | 88.1              | 87.5              | 87.8             | 87.9              |                   | 89.9                      | 90.7              | 90.7              | 91.1             | 89.7              |                   |
| Creamery butter                                                 | 311512      | .02                                   | 155.1                     | 156.1             | 158.1             | 148.3            | 150.3             |                   | 177.4                     | 170.5             | 175.0             | 154.5            | 140.3             |                   |
| Cheese                                                          | 311513      | .31                                   | 119.6                     | 119.9             | 118.9             | 119.3            | 119.4             |                   | 119.2                     | 121.0             | 121.1             | 118.4            | 120.0             |                   |
| Dry, condensed, and evaporated dairy product                    | 311514      | .26                                   | 123.8                     | 118.6             | 108.6             | 114.3            | 112.0             |                   | 127.8                     | 129.4             | 122.9             | 123.5            | 117.0             |                   |
| Ice cream and frozen dessert                                    | 31152       | .10                                   | 101.3                     | 98.9              | 100.3             | 101.0            | 104.1             |                   | 100.5                     | 108.4             | 113.5             | 111.4            | 124.5             |                   |
| Animal slaughtering and processing                              | 3116        | 1.92                                  | 111.6                     | 109.8             | 113.8             | 111.8            | 111.3             | 111.6             | 111.0                     | 109.8             | 112.2             | 109.9            | 113.1             | 107.8             |
| Animal (except poultry) slaughtering and meat                   | 311611-3    | 1.16                                  | 111.5                     | 110.4             | 114.9             | 112.6            | 111.2             | 111.6             | 110.9                     | 110.9             | 112.1             | 109.4            | 112.8             | 106.1             |
| Beef                                                            | 311611-3pt. | .70                                   | 108.1                     | 105.9             | 111.1             | 108.8            | 108.8             |                   | 104.9                     | 104.6             | 107.1             | 107.4            | 114.0             |                   |
| Pork                                                            | 311611-3pt. | .45                                   | 117.5                     | 118.3             | 121.9             | 119.3            | 115.5             |                   | 121.5                     | 121.8             | 121.0             | 113.0            | 111.1             |                   |
| Miscellaneous meats                                             | 311611-3pt. | .02                                   | 87.9                      | 88.3              | 84.6              | 86.7             | 83.4              |                   | 87.7                      | 91.9              | 87.8              | 85.8             | 85.9              |                   |
| Poultry processing                                              | 311615      | .76                                   | 111.7                     | 108.7             | 112.0             | 110.4            | 111.5             |                   | 111.2                     | 108.1             | 112.3             | 110.7            | 113.5             |                   |
| Bakeries and tortilla                                           | 3118        | 1.21                                  | 111.6                     | 111.7             | 111.5             | 110.6            | 112.6             | 111.2             | 107.8                     | 108.2             | 109.1             | 109.7            | 112.6             | 110.2             |
| Other food                                                      | 3119        | 1.70                                  | 127.3                     | 123.2             | 125.4             | 124.6            | 129.5             | 129.6             | 122.8                     | 121.2             | 123.9             | 125.8            | 129.5             | 129.0             |
| Coffee and tea                                                  | 31192       | .15                                   | 135.1                     | 132.2             | 134.9             | 133.3            | 138.8             | 139.2             | 131.3                     | 130.4             | 133.3             | 134.9            | 138.8             | 138.7             |
| <b>Beverage and tobacco product</b>                             | <b>312</b>  | 2.79                                  | 99.9                      | 98.9              | 99.9              | 97.4             | 97.2              | 96.3              | 100.2                     | 103.5             | 101.2             | 99.0             | 104.2             | 91.7              |
| Beverage                                                        | 3121        | 1.83                                  | 111.0                     | 112.1             | 113.2             | 111.9            | 112.3             | 110.9             | 107.7                     | 115.2             | 114.3             | 114.9            | 121.0             | 108.6             |
| Soft drink and ice                                              | 31211       | .54                                   | 94.6                      | 94.0              | 94.7              | 96.2             | 92.6              | 91.5              | 91.8                      | 92.9              | 94.8              | 98.6             | 96.5              | 94.8              |
| Breweries                                                       | 31212       | .60                                   | 101.9                     | 100.8             | 104.0             | 99.1             |                   |                   | 97.6                      | 104.8             | 108.7             | 106.8            |                   |                   |
| Tobacco                                                         | 3122        | .96                                   | 82.7                      | 78.5              | 79.3              | 75.2             | 74.3              | 74.1              | 87.9                      | 85.3              | 80.9              | 74.9             | 78.7              | 66.3              |
| <b>Textile mills</b>                                            | <b>313</b>  | .32                                   | 91.8                      | 89.2              | 90.1              | 89.5             | 90.8              | 89.2              | 91.1                      | 89.4              | 91.1              | 89.9             | 92.2              | 88.0              |
| Fiber, yarn, and thread mills                                   | 3131        | .07                                   | 109.0                     | 106.9             | 109.3             | 110.8            | 113.6             | 110.1             | 108.3                     | 108.1             | 110.0             | 110.6            | 115.0             | 108.9             |
| Fabric mills                                                    | 3132        | .16                                   | 82.2                      | 79.0              | 79.1              | 77.0             | 77.9              | 77.9              | 81.5                      | 79.2              | 80.5              | 77.6             | 78.7              | 76.4              |
| Textile and fabric finishing and fabric coating                 | 3133        | .09                                   | 99.6                      | 98.2              | 99.3              | 100.1            | 101.4             | 97.9              | 99.0                      | 97.6              | 99.9              | 100.6            | 103.8             | 97.3              |
| <b>Textile product mills</b>                                    | <b>314</b>  | .33                                   | 110.5                     | 109.8             | 110.1             | 108.5            | 108.8             | 108.7             | 104.4                     | 108.3             | 112.1             | 107.3            | 113.7             | 112.9             |
| Textile furnishings mills                                       | 3141        | .17                                   | 97.8                      | 99.5              | 99.6              | 96.6             | 99.7              | 99.2              | 92.6                      | 98.3              | 103.6             | 93.4             | 106.4             | 105.8             |
| Carpet and rug mills                                            | 31411       | .10                                   | 96.1                      | 96.1              | 96.6              | 96.7             | 96.7              | 96.5              | 88.8                      | 95.1              | 106.5             | 92.5             | 107.0             | 107.1             |
| Other textile product mills                                     | 3149        | .16                                   | 124.8                     | 121.4             | 121.9             | 121.9            | 118.9             | 119.2             | 117.8                     | 119.5             | 121.4             | 123.0            | 121.6             | 120.7             |

<sup>r</sup> Revised. <sup>p</sup> Preliminary.

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

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

| Item                                             | NAICS      | 2017<br>IP<br>Proportion <sup>1</sup> | Index, 2012 = 100         |                   |                   |                  |                   |                   |                           |                   |                   |                  |                   |                   |
|--------------------------------------------------|------------|---------------------------------------|---------------------------|-------------------|-------------------|------------------|-------------------|-------------------|---------------------------|-------------------|-------------------|------------------|-------------------|-------------------|
|                                                  |            |                                       | Seasonally adjusted       |                   |                   |                  |                   |                   | Not seasonally adjusted   |                   |                   |                  |                   |                   |
|                                                  |            |                                       | 2018<br>Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>r</sup> | May <sup>r</sup> | June <sup>r</sup> | July <sup>p</sup> | 2018<br>Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>r</sup> | May <sup>r</sup> | June <sup>r</sup> | July <sup>p</sup> |
| <b>Apparel</b>                                   | <b>315</b> | .15                                   | 70.6                      | 70.4              | 71.9              | 71.2             | 68.7              | 71.9              | 71.5                      | 70.7              | 71.8              | 70.5             | 69.2              | 69.8              |
| <b>Leather and allied product</b>                | <b>316</b> | .06                                   | 88.7                      | 87.3              | 87.0              | 85.2             | 82.3              | 82.6              | 88.1                      | 88.2              | 88.6              | 87.2             | 83.7              | 81.9              |
| <b>Wood product</b>                              | <b>321</b> | 1.42                                  | 127.2                     | 126.9             | 125.9             | 125.7            | 126.7             | 126.8             | 124.2                     | 127.0             | 128.9             | 127.2            | 132.1             | 127.5             |
| Sawmills and wood preservation                   | 3211       | .38                                   | 121.1                     | 117.9             | 122.2             |                  |                   |                   | 122.9                     | 120.9             | 127.5             |                  |                   |                   |
| Plywood and misc. wood products                  | 3212,9     | 1.04                                  | 129.6                     | 130.3             | 127.3             | 126.6            | 127.6             | 128.6             | 124.7                     | 129.3             | 129.5             | 128.8            | 133.9             | 129.9             |
| Veneer, plywood, and engineered wood product     | 3212       | .32                                   | 121.7                     | 124.7             | 123.6             | 124.2            | 121.7             | 123.2             | 118.6                     | 126.8             | 123.3             | 126.9            | 130.3             | 122.1             |
| Veneer and plywood                               | 321211,2   | .09                                   | 100.0                     | 100.3             | 103.1             | 104.5            | 104.8             | 103.8             | 100.4                     | 112.8             | 95.9              | 108.5            | 116.1             | 92.6              |
| Reconstituted wood product                       | 321219     | .12                                   | 115.6                     | 119.6             | 117.2             | 117.6            | 114.6             | 117.0             | 117.4                     | 122.0             | 125.4             | 118.5            | 120.5             | 115.1             |
| Other wood product                               | 3219       | .73                                   | 133.1                     | 132.7             | 128.8             | 127.6            | 130.2             | 131.0             | 127.4                     | 130.4             | 132.2             | 129.5            | 135.4             | 133.4             |
| Millwork                                         | 32191      | .37                                   | 117.8                     | 120.9             | 117.0             | 117.0            | 121.7             | 121.2             | 111.1                     | 116.8             | 119.8             | 117.9            | 125.9             | 127.1             |
| Wood container and pallet                        | 32192      | .13                                   | 146.3                     | 143.0             | 137.5             | 139.6            | 138.5             | 135.8             | 143.2                     | 141.8             | 138.3             | 140.9            | 140.5             | 135.6             |
| All other wood product                           | 32199      | .23                                   | 154.4                     | 148.9             | 146.0             | 140.5            | 141.3             | 146.4             | 149.2                     | 149.5             | 152.0             | 144.6            | 150.2             | 143.6             |
| Manufactured home                                | 321991     | .08                                   | 177.2                     | 166.3             | 162.1             | 162.0            | 155.3             |                   | 173.0                     | 171.0             | 169.2             | 164.0            | 169.6             |                   |
| <b>Paper</b>                                     | <b>322</b> | 2.50                                  | 96.3                      | 95.3              | 97.0              | 95.6             | 95.5              | 94.7              | 96.1                      | 95.4              | 96.5              | 95.3             | 97.0              | 94.3              |
| Pulp, paper, and paperboard mills                | 3221       | 1.24                                  | 92.8                      | 93.5              | 94.0              | 93.3             | 93.0              | 92.2              | 93.5                      | 92.8              | 93.0              | 92.5             | 93.8              | 93.0              |
| Pulp mills                                       | 32211      | .09                                   | 112.0                     | 113.2             | 111.7             | 110.3            | 110.9             |                   | 110.9                     | 109.0             | 108.7             | 107.8            | 113.2             |                   |
| Paper mills                                      | 32212      | .59                                   | 84.8                      | 83.3              | 83.9              | 83.1             | 83.0              | 82.7              | 86.1                      | 84.0              | 83.5              | 81.9             | 83.1              | 82.4              |
| Paper (except newsprint) mills                   | 322121     | .57                                   | 87.3                      | 85.8              | 86.4              | 85.5             | 85.2              |                   | 88.7                      | 86.6              | 86.0              | 84.2             | 85.4              |                   |
| Paperboard mills                                 | 32213      | .57                                   | 100.6                     | 103.9             | 104.5             | 104.0            | 103.4             |                   | 100.8                     | 102.0             | 103.2             | 104.0            | 104.9             |                   |
| Converted paper product                          | 3222       | 1.25                                  | 99.9                      | 97.2              | 100.2             | 98.1             | 98.0              | 97.3              | 98.8                      | 98.0              | 100.0             | 98.2             | 100.3             | 95.6              |
| Paperboard container                             | 32221      | .71                                   | 110.0                     | 107.1             | 113.3             | 110.0            | 109.5             |                   | 108.2                     | 107.9             | 113.5             | 110.7            | 113.9             |                   |
| Paper bag and coated and treated paper           | 32222      | .24                                   | 84.3                      | 80.5              | 80.2              | 78.9             | 79.2              | 78.7              | 82.3                      | 81.5              | 79.6              | 78.3             | 79.1              | 76.1              |
| Other converted paper products                   | 32223,9    | .29                                   | 94.5                      | 92.9              | 92.3              | 92.1             | 92.4              | 93.0              | 95.3                      | 93.7              | 91.9              | 91.6             | 92.5              | 93.1              |
| <b>Printing and related support activities</b>   | <b>323</b> | 1.41                                  | 98.7                      | 96.5              | 97.6              | 97.9             | 98.1              | 97.5              | 97.3                      | 96.4              | 97.4              | 97.3             | 98.1              | 96.8              |
| <b>Petroleum and coal products</b>               | <b>324</b> | 3.41                                  | 105.7                     | 106.5             | 106.6             | 107.5            | 107.0             | 108.0             | 99.2                      | 102.9             | 106.5             | 109.8            | 111.6             | 113.8             |
| Petroleum refineries                             | 32411      | 2.83                                  | 105.7                     | 107.5             | 107.2             | 107.1            | 107.4             | 107.7             | 100.9                     | 105.1             | 107.4             | 109.0            | 110.8             | 112.2             |
| Aviation fuel and kerosene                       | 32411pt.   | .26                                   | 115.2                     | 121.6             | 118.4             | 119.5            |                   |                   | 110.1                     | 116.4             | 116.9             | 117.9            |                   |                   |
| Distillate fuel oil                              | 32411pt.   | .72                                   | 101.9                     | 105.6             | 109.3             | 109.6            |                   |                   | 96.6                      | 101.8             | 108.1             | 110.2            |                   |                   |
| Automotive gasoline                              | 32411pt.   | 1.35                                  | 109.0                     | 109.7             | 107.9             | 108.3            |                   |                   | 105.8                     | 108.6             | 107.7             | 109.6            |                   |                   |
| Residual fuel oil                                | 32411pt.   | .09                                   | 88.7                      | 74.9              | 85.1              | 78.7             |                   |                   | 89.2                      | 77.9              | 87.2              | 80.4             |                   |                   |
| Other refinery output                            | 32411pt.   | .40                                   | 97.6                      | 101.2             | 97.7              | 96.6             | 97.7              | 98.3              | 87.7                      | 97.4              | 101.8             | 104.3            | 106.3             | 112.6             |
| Paving, roofing, and other petroleum and coal    | 32412,9    | .58                                   | 100.5                     | 96.3              | 98.4              | 104.2            | 99.3              | 104.3             | 85.7                      | 86.5              | 96.6              | 108.6            | 110.3             | 116.9             |
| <b>Chemicals</b>                                 | <b>325</b> | 12.38                                 | 96.9                      | 97.2              | 98.3              | 98.8             | 99.0              | 99.5              | 96.5                      | 97.9              | 98.3              | 99.3             | 99.2              | 99.1              |
| Pharmaceutical and medicine                      | 3254       | 4.48                                  | 93.4                      | 92.1              | 93.0              | 93.0             | 92.9              | 93.9              | 92.4                      | 93.1              | 93.3              | 94.5             | 93.2              | 92.4              |
| Chemicals except pharmaceuticals and medicine    | 3251–3,5–9 | 7.90                                  | 98.8                      | 100.1             | 101.4             | 102.1            | 102.6             | 102.7             | 98.8                      | 100.7             | 101.1             | 102.0            | 102.7             | 103.0             |
| Basic chemical                                   | 3251       | 3.31                                  | 94.3                      | 97.0              | 97.5              | 100.9            | 101.5             | 100.2             | 94.5                      | 97.2              | 96.9              | 100.4            | 101.0             | 99.7              |
| Organic chemicals                                | 32511,9    | 2.59                                  | 99.4                      | 103.6             | 104.2             | 109.3            | 109.7             | 108.1             | 100.1                     | 104.0             | 103.9             | 108.9            | 109.1             | 107.3             |
| Basic inorganic chemicals                        | 32512–8    | .72                                   | 81.7                      | 79.9              | 80.2              | 78.8             | 79.8              | 79.6              | 80.4                      | 79.5              | 78.8              | 78.2             | 79.7              | 80.1              |
| Industrial gas                                   | 32512      | .13                                   | 85.6                      | 86.5              | 85.6              | 83.7             | 85.6              | 86.5              | 84.9                      | 86.0              | 84.7              | 82.7             | 85.3              | 86.6              |
| Synthetic dye and pigment                        | 32513      | .08                                   | 84.0                      | 85.0              | 83.7              | 81.0             | 83.1              | 83.7              | 82.7                      | 83.4              | 81.6              | 80.2             | 82.8              | 82.8              |
| Other basic inorganic chemical                   | 32518      | .50                                   | 80.1                      | 77.3              | 78.1              | 77.1             | 77.6              | 77.1              | 78.7                      | 77.1              | 76.7              | 76.5             | 77.6              | 77.9              |
| Alkalies and chlorine                            | 32518pt.   | .14                                   | 107.2                     | 94.5              | 98.6              | 101.5            | 100.1             | 96.9              | 104.2                     | 95.1              | 95.6              | 101.9            | 103.1             | 102.2             |
| Resin, synthetic rubber, and synthetic fibers    | 3252       | 1.13                                  | 93.9                      | 100.2             | 105.5             | 98.5             | 99.7              | 99.1              | 95.9                      | 100.8             | 104.1             | 99.2             | 100.1             | 101.1             |
| Resin and synthetic rubber                       | 32521      | 1.05                                  | 94.3                      | 101.6             | 106.9             | 99.7             | 100.9             | 100.4             | 96.3                      | 102.3             | 105.4             | 100.4            | 101.2             | 102.5             |
| Plastics material and resin                      | 325211     | .96                                   | 93.7                      | 102.0             | 107.6             |                  |                   |                   | 96.0                      | 102.9             | 106.1             |                  |                   |                   |
| Synthetic rubber                                 | 325212     | .09                                   | 100.8                     | 97.0              | 99.6              | 96.9             | 99.3              | 98.6              | 99.5                      | 95.8              | 97.4              | 95.6             | 98.3              | 98.8              |
| Artificial and synthetic fibers and filaments    | 32522      | .08                                   | 90.1                      | 85.6              | 90.2              | 85.8             | 86.8              | 85.5              | 92.3                      | 85.2              | 91.0              | 85.9             | 88.8              | 86.2              |
| Pesticide, fertilizer, and other agricultural    | 3253       | .56                                   | 122.3                     | 115.9             | 116.5             | 119.4            | 116.9             | 121.3             | 122.3                     | 118.7             | 119.0             | 119.2            | 113.9             | 119.9             |
| Paints, soaps and toiletries, and other chemical | 3255–9     | 2.90                                  | 101.7                     | 100.5             | 101.2             | 101.5            | 102.1             | 103.3             | 100.6                     | 101.2             | 101.4             | 101.7            | 103.3             | 104.1             |
| Paints and other chemical products               | 3255,9     | 1.35                                  | 111.0                     | 110.3             | 110.3             | 112.1            | 111.6             | 114.9             | 110.7                     | 110.9             | 110.5             | 112.0            | 111.9             | 115.1             |
| Paint, coating, and adhesive                     | 3255       | .68                                   | 131.8                     | 126.1             | 125.9             | 131.1            | 126.2             | 130.7             | 130.8                     | 128.3             | 126.8             | 131.2            | 126.7             | 131.9             |
| Paint and coating                                | 32551      | .46                                   | 137.9                     | 130.5             | 130.3             | 135.6            | 130.4             | 134.5             | 136.0                     | 133.0             | 132.2             | 135.9            | 131.3             | 135.9             |
| Soaps and toiletries                             | 3256       | 1.56                                  | 95.0                      | 93.3              | 94.6              | 93.9             | 95.2              | 94.9              | 93.3                      | 94.1              | 94.8              | 94.1             | 97.1              | 96.1              |
| <b>Plastics and rubber products</b>              | <b>326</b> | 3.60                                  | 110.9                     | 110.2             | 109.4             | 107.9            | 108.0             | 109.5             | 109.8                     | 110.1             | 109.8             | 108.9            | 109.6             | 108.3             |
| Plastics product                                 | 3261       | 3.01                                  | 114.8                     | 113.8             | 113.2             | 112.2            | 111.6             | 113.6             | 113.0                     | 113.2             | 113.4             | 113.0            | 113.1             | 113.6             |
| Rubber product                                   | 3262       | .59                                   | 94.4                      | 94.7              | 93.2              | 89.6             | 92.7              | 92.3              | 96.2                      | 97.3              | 94.6              | 91.3             | 94.4              | 86.0              |
| Tire                                             | 32621      | .25                                   | 90.1                      | 89.1              | 90.5              | 82.5             | 89.5              | 86.9              | 95.3                      | 94.6              | 94.1              | 85.4             | 91.5              | 76.4              |
| Rubber products ex. tires                        | 32622,9    | .34                                   | 97.6                      | 99.1              | 95.2              | 95.2             | 95.0              | 96.5              | 96.7                      | 99.3              | 94.8              | 95.9             | 96.6              | 93.8              |

r Revised. p Preliminary.

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

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

| Item                                                                           | NAICS       | 2017<br>IP<br>Proportion <sup>1</sup> | Index, 2012 = 100         |                   |                   |                  |                   |                   |                           |                   |                   |                  |                   |                   |
|--------------------------------------------------------------------------------|-------------|---------------------------------------|---------------------------|-------------------|-------------------|------------------|-------------------|-------------------|---------------------------|-------------------|-------------------|------------------|-------------------|-------------------|
|                                                                                |             |                                       | Seasonally adjusted       |                   |                   |                  |                   |                   | Not seasonally adjusted   |                   |                   |                  |                   |                   |
|                                                                                |             |                                       | 2018<br>Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>r</sup> | May <sup>r</sup> | June <sup>r</sup> | July <sup>p</sup> | 2018<br>Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>r</sup> | May <sup>r</sup> | June <sup>r</sup> | July <sup>p</sup> |
| <b>Nonmetallic mineral product</b>                                             | <b>327</b>  | 2.20                                  | 121.6                     | 119.9             | 121.3             | 121.1            | 120.0             | 120.1             | 111.3                     | 114.5             | 120.7             | 123.7            | 126.7             | 125.2             |
| Clay, lime, gypsum, and misc. nonmetallic mineral                              | 3271,4,9    | .74                                   | 116.5                     | 116.4             | 117.0             | 119.3            | 117.8             | 120.4             | 111.6                     | 114.9             | 117.9             | 120.4            | 120.8             | 121.2             |
| Clay and misc. nonmetallic mineral products                                    | 3271,9      | .61                                   | 117.6                     | 117.0             | 116.6             | 118.7            | 116.9             | 120.4             | 112.8                     | 115.4             | 116.2             | 120.2            | 120.4             | 121.7             |
| Clay product and refractory                                                    | 3271        | .15                                   | 110.5                     | 106.9             | 109.2             | 112.2            | 110.4             | 111.5             | 104.8                     | 105.0             | 110.1             | 115.3            | 115.6             | 114.7             |
| Pottery, ceramics, and plumbing fixture                                        | 32711       | .05                                   | 103.7                     | 101.7             | 104.6             | 108.2            | 106.1             | 106.9             | 99.8                      | 100.0             | 104.1             | 110.7            | 108.2             | 108.0             |
| Clay building material and refractories                                        | 32712       | .11                                   | 113.9                     | 109.4             | 111.6             | 114.2            | 112.5             | 113.7             | 107.3                     | 107.4             | 113.0             | 117.7            | 119.3             | 118.0             |
| Other nonmetallic mineral product                                              | 3279        | .46                                   | 120.0                     | 120.5             | 119.1             | 120.9            | 119.1             | 123.4             | 115.5                     | 119.0             | 118.2             | 121.8            | 122.0             | 124.1             |
| Lime and gypsum product                                                        | 3274        | .13                                   | 111.2                     | 113.3             | 118.6             | 122.0            | 121.6             | 120.4             | 105.8                     | 112.0             | 125.7             | 121.0            | 122.5             | 118.2             |
| Glass and glass product                                                        | 3272        | .48                                   | 109.6                     | 109.5             | 107.6             | 105.8            | 105.6             | 108.5             | 108.3                     | 108.5             | 106.2             | 106.7            | 107.2             | 107.4             |
| Glass container                                                                | 327213      | .10                                   | 91.4                      | 87.9              | 83.9              | 80.3             | 78.4              |                   | 94.8                      | 90.1              | 84.2              | 83.2             | 81.0              |                   |
| Cement and concrete product                                                    | 3273        | .98                                   | 133.2                     | 129.4             | 133.3             | 132.0            | 130.8             | 127.1             | 113.0                     | 118.1             | 132.0             | 136.9            | 143.5             | 139.5             |
| Cement                                                                         | 32731       | .16                                   | 122.6                     | 121.8             | 124.7             | 126.8            |                   |                   | 93.7                      | 109.4             | 126.6             | 133.3            |                   |                   |
| Concrete and product                                                           | 32732-9     | .82                                   | 135.5                     | 131.0             | 135.1             | 133.2            | 132.2             | 127.8             | 116.9                     | 119.8             | 133.1             | 137.6            | 142.7             | 139.6             |
| <b>Primary metals</b>                                                          | <b>331</b>  | 2.63                                  | 96.4                      | 97.3              | 96.7              | 96.3             | 95.6              | 96.2              | 98.2                      | 97.7              | 97.5              | 97.2             | 98.4              | 97.1              |
| Iron and steel products                                                        | 3311,2      | 1.25                                  | 95.3                      | 97.7              | 95.4              | 95.1             | 93.4              | 95.6              | 98.0                      | 97.9              | 95.5              | 96.2             | 97.7              | 97.2              |
| Pig iron                                                                       | 3311,2pt.   | .08                                   | 67.1                      | 70.9              | 75.3              | 76.6             | 73.9              |                   | 72.9                      | 72.2              | 72.9              | 75.9             | 77.9              |                   |
| Raw steel                                                                      | 3311,2pt.   | .08                                   | 98.8                      | 100.5             | 98.9              | 100.6            | 96.3              |                   | 100.6                     | 100.7             | 98.4              | 101.6            | 100.3             |                   |
| Coke and products                                                              | 3311,2pt.   | .02                                   | 87.6                      | 86.7              | 86.3              | 85.8             | 85.5              | 85.1              | 86.1                      | 85.5              | 85.2              | 85.2             | 85.5              | 87.8              |
| Construction steel                                                             | 3311,2pt.   | .19                                   | 116.8                     | 115.9             | 113.3             | 114.1            | 114.8             |                   | 117.9                     | 117.1             | 112.7             | 115.5            | 119.5             |                   |
| Consumer durable steel                                                         | 3311,2pt.   | .20                                   | 100.2                     | 102.9             | 96.3              | 91.7             | 90.0              |                   | 104.8                     | 103.9             | 97.7              | 93.5             | 92.1              |                   |
| Can and closure steel                                                          | 3311,2pt.   | .01                                   | 46.5                      | 44.2              | 46.1              | 47.8             | 50.1              |                   | 46.5                      | 43.9              | 48.7              | 52.7             | 52.8              |                   |
| Equipment steel                                                                | 3311,2pt.   | .08                                   | 78.6                      | 79.3              | 80.1              | 76.9             | 82.2              |                   | 82.0                      | 82.5              | 77.3              | 78.8             | 83.2              |                   |
| Miscellaneous steel                                                            | 3311,2pt.   | .59                                   | 98.0                      | 101.6             | 98.6              | 99.2             | 96.0              |                   | 100.0                     | 100.6             | 99.4              | 100.1            | 101.7             |                   |
| Nonferrous metals                                                              | 3313,4      | .89                                   | 97.5                      | 97.1              | 98.4              | 98.7             | 98.4              | 98.0              | 99.8                      | 98.2              | 100.2             | 99.1             | 99.9              | 98.7              |
| Alumina and aluminum production and processing                                 | 3313        | .38                                   | 103.0                     | 105.7             | 106.0             | 110.7            | 103.9             | 107.5             | 108.8                     | 107.4             | 109.7             | 111.8            | 108.1             | 108.7             |
| Primary aluminum production                                                    | 331313pt.   | .03                                   | 48.9                      | 52.8              | 56.5              | 57.5             | 51.7              |                   | 49.3                      | 52.7              | 55.5              | 56.9             | 51.0              |                   |
| Secondary smelting and alloying of aluminum                                    | 331314      | .06                                   | 137.2                     | 133.0             | 140.9             | 134.2            |                   |                   | 148.1                     | 132.6             | 143.2             | 133.3            |                   |                   |
| Misc. aluminum materials                                                       | 331315,8pt. | .16                                   | 104.4                     | 110.3             | 105.9             | 113.4            | 103.4             |                   | 109.3                     | 111.3             | 109.9             | 114.4            | 109.7             |                   |
| Aluminum extruded product                                                      | 331318pt.   | .13                                   | 125.1                     | 125.4             | 126.6             | 133.8            | 125.5             |                   | 134.1                     | 130.2             | 133.4             | 136.8            | 130.9             |                   |
| Nonferrous metal (except aluminum) production and processing                   | 3314        | .50                                   | 93.7                      | 91.1              | 93.1              | 90.5             | 94.5              | 91.4              | 93.6                      | 91.9              | 93.8              | 90.4             | 94.3              | 91.9              |
| Nonferrous metal (except aluminum) smelting and refining                       | 33141       | .10                                   | 74.1                      | 70.0              | 74.7              | 70.6             | 73.7              | 72.0              | 77.1                      | 72.5              | 76.8              | 69.9             | 69.3              | 69.2              |
| Primary smelting and refining of copper                                        | 33141pt.    | .05                                   | 80.6                      | 77.6              | 84.6              | 77.2             | 82.7              | 80.1              | 83.1                      | 78.0              | 83.3              | 75.9             | 80.8              | 81.5              |
| Primary smelting and refining of nonferrous                                    | 33141pt.    | .05                                   | 68.8                      | 63.5              | 66.0              |                  |                   |                   | 72.2                      | 68.1              | 71.5              |                  |                   |                   |
| Foundries                                                                      | 3315        | .50                                   | 97.3                      | 96.6              | 97.1              | 95.6             | 96.4              | 94.7              | 96.1                      | 96.5              | 97.7              | 96.3             | 97.7              | 94.3              |
| <b>Fabricated metal product</b>                                                | <b>332</b>  | 5.45                                  | 101.8                     | 101.9             | 102.0             | 101.6            | 102.8             | 102.8             | 100.6                     | 101.4             | 102.4             | 102.3            | 104.1             | 103.3             |
| Forging and stamping                                                           | 3321        | .44                                   | 105.2                     | 103.9             | 104.3             | 101.9            | 103.7             | 102.6             | 103.3                     | 103.5             | 104.9             | 102.0            | 105.3             | 102.2             |
| Cutlery and handtool                                                           | 3322        | .19                                   | 125.2                     | 122.6             | 115.3             | 118.0            | 123.0             | 117.0             | 124.4                     | 121.8             | 116.3             | 119.4            | 124.7             | 116.7             |
| Architectural and structural metals                                            | 3323        | 1.26                                  | 110.3                     | 110.1             | 110.4             | 110.0            | 110.8             | 111.6             | 106.8                     | 108.1             | 109.7             | 110.8            | 112.1             | 113.1             |
| Hardware                                                                       | 3325        | .14                                   | 112.1                     | 118.3             | 114.8             | 115.7            | 117.6             | 118.1             | 113.0                     | 116.4             | 116.5             | 117.1            | 118.8             | 118.4             |
| Spring and wire product                                                        | 3326        | .14                                   | 101.9                     | 107.8             | 104.8             | 105.6            | 107.1             | 106.8             | 101.6                     | 107.6             | 104.3             | 105.9            | 106.5             | 105.0             |
| Machine shops; turned product; and screw, nut, and bolt                        | 3327        | 1.17                                  | 98.4                      | 99.4              | 99.3              | 99.9             | 100.9             | 101.1             | 99.0                      | 99.8              | 100.4             | 100.2            | 101.5             | 100.5             |
| Coating, engraving, heat treating, and allied                                  | 3328        | .47                                   | 103.3                     | 103.0             | 100.6             | 101.0            | 102.8             | 102.7             | 101.3                     | 102.9             | 101.2             | 102.0            | 104.0             | 101.8             |
| Other fabricated metal product                                                 | 3329        | 1.25                                  | 97.1                      | 96.4              | 98.5              | 97.6             | 98.1              | 98.6              | 97.1                      | 96.7              | 98.7              | 97.3             | 99.2              | 99.2              |
| Ball and roller bearing                                                        | 332991      | .10                                   | 87.1                      | 87.4              | 88.5              | 89.0             | 89.1              | 88.8              | 89.6                      | 90.0              | 88.8              | 89.2             | 92.0              | 89.7              |
| <b>Machinery</b>                                                               | <b>333</b>  | 5.30                                  | 89.6                      | 89.0              | 90.9              | 89.8             | 90.5              | 91.0              | 91.0                      | 92.1              | 94.8              | 92.2             | 95.6              | 88.3              |
| Agriculture, construction, and mining machinery                                | 3331        | 1.06                                  | 68.2                      | 66.3              | 70.2              | 69.1             | 71.2              | 72.5              | 69.8                      | 70.5              | 74.7              | 73.7             | 78.3              | 68.9              |
| Agricultural implement                                                         | 33311       | .43                                   | 63.5                      | 65.2              | 71.9              | 74.1             | 76.7              | 75.4              | 65.6                      | 71.1              | 75.6              | 78.0             | 83.5              | 71.3              |
| Farm machinery and equipment                                                   | 333111      | .33                                   | 55.4                      | 57.7              | 65.6              | 67.9             | 70.4              | 69.2              | 56.7                      | 63.3              | 68.4              | 71.8             | 78.5              | 65.9              |
| Construction machinery                                                         | 33312       | .43                                   | 78.5                      | 71.6              | 72.2              | 67.3             | 68.7              | 74.8              | 79.7                      | 76.3              | 80.5              | 76.5             | 81.7              | 69.1              |
| Mining and oil and gas field machinery                                         | 33313       | .21                                   | 62.0                      | 61.6              | 66.0              | 65.3             | 67.2              | 66.2              | 63.3                      | 62.3              | 66.2              | 64.1             | 66.8              | 66.1              |
| Industrial machinery                                                           | 3332        | .52                                   | 106.4                     | 106.1             | 105.7             | 102.1            | 100.9             | 101.6             | 105.2                     | 104.7             | 107.2             | 103.4            | 103.0             | 102.6             |
| Commercial and service industry machinery and other                            | 3333,9      | 1.95                                  | 100.9                     | 101.3             | 102.1             | 101.1            | 101.2             | 100.6             | 100.7                     | 101.1             | 102.2             | 101.0            | 101.9             | 101.5             |
| HVAC, metalworking, and power transmission machinery                           | 3334-6      | 1.76                                  | 92.4                      | 91.5              | 93.7              | 93.3             | 93.9              | 94.8              | 95.9                      | 98.6              | 101.9             | 96.9             | 103.0             | 88.0              |
| Ventilation, heating, air-conditioning, and commercial refrigeration equipment | 3334        | .67                                   | 97.0                      | 96.1              | 99.7              | 98.6             | 98.9              | 102.5             | 104.6                     | 111.7             | 119.2             | 107.3            | 118.4             | 94.4              |
| Metalworking machinery                                                         | 3335        | .54                                   | 99.1                      | 98.5              | 99.4              | 100.0            | 99.0              | 98.8              | 99.3                      | 98.4              | 99.9              | 99.9             | 100.0             | 99.0              |
| Engine, turbine, and power transmission equipment                              | 3336        | .56                                   | 83.1                      | 81.8              | 83.9              | 83.4             | 85.4              | 84.6              | 85.1                      | 86.4              | 86.8              | 84.9             | 90.7              | 73.3              |

<sup>r</sup> Revised. <sup>p</sup> Preliminary.

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

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

| Item                                                         | NAICS       | 2017<br>IP<br>Proportion <sup>1</sup> | Index, 2012 = 100         |                   |                   |                  |                   |                   |                           |                   |                   |                  |                   |                   |
|--------------------------------------------------------------|-------------|---------------------------------------|---------------------------|-------------------|-------------------|------------------|-------------------|-------------------|---------------------------|-------------------|-------------------|------------------|-------------------|-------------------|
|                                                              |             |                                       | Seasonally adjusted       |                   |                   |                  |                   |                   | Not seasonally adjusted   |                   |                   |                  |                   |                   |
|                                                              |             |                                       | 2018<br>Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>r</sup> | May <sup>r</sup> | June <sup>r</sup> | July <sup>p</sup> | 2018<br>Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>r</sup> | May <sup>r</sup> | June <sup>r</sup> | July <sup>p</sup> |
| <b>Computer and electronic product</b>                       | <b>334</b>  | 4.88                                  | 117.2                     | 118.1             | 119.9             | 119.8            | 121.1             | 122.8             | 113.3                     | 118.4             | 117.8             | 118.9            | 122.7             | 121.2             |
| Computer and peripheral equipment                            | 3341        | .35                                   | 144.5                     | 147.1             | 149.0             | 146.1            | 150.3             | 149.6             | 135.2                     | 139.4             | 145.6             | 149.5            | 153.1             | 149.9             |
| Communications equipment                                     | 3342        | .51                                   | 117.8                     | 120.8             | 124.1             | 127.6            | 129.3             | 127.2             | 106.3                     | 112.0             | 119.3             | 130.4            | 132.3             | 125.2             |
| Audio and video equipment                                    | 3343        | .04                                   | 96.1                      | 88.8              | 84.5              | 85.5             | 83.1              | 85.2              | 94.4                      | 91.2              | 87.6              | 86.2             | 86.1              | 79.4              |
| Semiconductor and other electronic component                 | 3344        | 1.21                                  | 155.2                     | 156.2             | 159.8             | 160.4            | 163.5             | 167.1             | 145.4                     | 163.4             | 154.1             | 154.9            | 170.0             | 163.6             |
| Navigational, measuring, electromedical and control          | 3345        | 2.73                                  | 96.3                      | 96.9              | 98.0              | 97.4             | 98.0              | 99.7              | 95.9                      | 97.3              | 97.5              | 97.0             | 97.8              | 98.8              |
| <b>Electrical equipment, appliance, and component</b>        | <b>335</b>  | 1.82                                  | 103.4                     | 102.0             | 104.3             | 104.3            | 105.6             | 105.9             | 103.2                     | 103.1             | 104.6             | 104.0            | 106.1             | 103.2             |
| Household appliance                                          | 3352        | .31                                   | 121.4                     | 114.0             | 117.3             | 110.5            | 115.8             | 111.2             | 123.1                     | 121.8             | 125.0             | 115.7            | 116.3             | 103.7             |
| Small electrical appliance                                   | 33521       | .06                                   | 117.7                     | 117.8             | 116.0             | 115.4            | 111.4             | 109.8             | 120.6                     | 119.8             | 117.6             | 116.7            | 113.3             | 111.3             |
| Major appliance                                              | 33522       | .25                                   | 122.1                     | 113.1             | 117.6             | 109.3            | 116.7             | 111.4             | 123.6                     | 122.3             | 126.6             | 115.5            | 116.9             | 102.0             |
| Electrical equipment except appliances                       | 3351.3-9    | 1.51                                  | 100.3                     | 100.0             | 102.0             | 103.3            | 103.9             | 105.1             | 99.7                      | 99.8              | 101.0             | 102.0            | 104.4             | 103.1             |
| Electric lighting equipment                                  | 3351        | .22                                   | 111.1                     | 112.0             | 112.5             | 112.8            | 112.9             | 112.9             | 110.0                     | 112.2             | 112.5             | 112.6            | 114.6             | 110.5             |
| Electrical equipment                                         | 3353        | .47                                   | 85.4                      | 83.6              | 86.8              | 86.6             | 87.8              | 89.2              | 83.7                      | 83.1              | 86.3              | 85.8             | 88.3              | 89.0              |
| Other electrical equipment and component                     | 3359        | .81                                   | 108.6                     | 108.9             | 110.6             | 113.2            | 113.5             | 114.9             | 109.0                     | 109.0             | 109.0             | 111.3            | 113.6             | 111.8             |
| Battery                                                      | 33591       | .17                                   | 106.9                     | 105.6             | 108.9             | 114.2            | 117.6             | 113.5             | 108.1                     | 105.6             | 104.0             | 107.2            | 113.9             | 106.3             |
| Communication and energy wire and cable                      | 33592       | .18                                   | 113.3                     | 114.0             | 115.7             | 116.8            | 117.2             | 119.2             | 115.3                     | 115.9             | 115.1             | 116.7            | 118.8             | 114.8             |
| Other electrical equipment                                   | 33593,9     | .47                                   | 107.6                     | 108.3             | 109.4             | 111.5            | 110.7             | 113.8             | 107.1                     | 107.7             | 108.8             | 110.9            | 111.7             | 112.7             |
| <b>Transportation equipment</b>                              | <b>336</b>  | 9.94                                  | 113.1                     | 115.0             | 114.3             | 108.5            | 113.9             | 114.4             | 116.5                     | 118.9             | 117.2             | 109.1            | 117.3             | 102.3             |
| Motor vehicle                                                | 3361        | 2.72                                  | 128.0                     | 133.6             | 129.6             | 112.3            | 127.8             | 130.0             | 137.8                     | 140.5             | 137.9             | 115.4            | 135.5             | 102.2             |
| Automobile and light duty motor vehicle                      | 33611       | 2.48                                  | 130.7                     | 136.5             | 132.2             | 115.3            | 129.4             | 130.2             | 141.1                     | 143.7             | 140.0             | 118.2            | 136.7             | 100.8             |
| Automobile                                                   | 336111      | .61                                   | 87.5                      | 92.8              | 91.0              | 84.2             | 83.7              | 96.1              | 93.4                      | 95.5              | 95.2              | 86.3             | 89.7              | 72.1              |
| Light truck and utility vehicle                              | 336112      | 1.87                                  | 154.8                     | 161.1             | 155.3             | 132.9            | 154.9             | 149.7             | 167.8                     | 170.7             | 165.2             | 136.3            | 163.0             | 117.0             |
| Heavy duty truck                                             | 33612       | .24                                   | 102.0                     | 105.9             | 104.9             | 85.5             | 110.0             | 122.1             | 106.8                     | 110.5             | 116.0             | 89.0             | 120.3             | 108.1             |
| Motor vehicle body and trailer                               | 3362        | .46                                   | 133.7                     | 134.7             | 132.5             | 127.2            | 127.2             | 131.2             | 142.0                     | 148.4             | 146.1             | 134.8            | 137.8             | 121.3             |
| Truck trailer                                                | 336212      | .08                                   | 123.4                     | 123.6             | 128.2             | 125.9            | 127.2             | 128.6             | 122.3                     | 133.2             | 133.6             | 127.3            | 139.3             | 128.3             |
| Motor home                                                   | 336213      | .04                                   | 221.4                     | 229.6             | 231.4             | 198.0            | 170.2             |                   | 254.1                     | 244.5             | 249.5             | 222.8            | 171.0             |                   |
| Travel trailer and camper                                    | 336214      | .20                                   | 144.6                     | 145.3             | 138.2             | 130.9            | 130.2             | 131.8             | 162.6                     | 172.5             | 167.5             | 144.9            | 148.1             | 112.7             |
| Motor vehicle parts                                          | 3363        | 2.44                                  | 129.9                     | 131.7             | 130.3             | 125.2            | 128.6             | 128.2             | 133.1                     | 135.8             | 130.4             | 123.5            | 131.5             | 109.7             |
| Aerospace product and parts                                  | 3364        | 3.39                                  | 96.3                      | 96.4              | 98.0              | 97.5             | 99.7              | 99.6              | 96.3                      | 96.5              | 97.4              | 96.5             | 100.0             | 99.2              |
| Aircraft and parts                                           | 336411-3    | 2.89                                  | 95.9                      | 95.9              | 97.5              | 97.2             | 99.3              | 99.3              | 95.8                      | 96.0              | 97.1              | 96.3             | 99.5              | 98.9              |
| Railroad eq., ships and boats, and other                     | 3365-9      | .93                                   | 99.3                      | 98.9              | 99.6              | 100.0            | 99.4              | 98.6              | 98.4                      | 105.6             | 104.3             | 103.0            | 102.8             | 93.7              |
| Railroad rolling stock                                       | 3365        | .10                                   | 78.3                      | 78.3              | 79.2              | 81.1             | 82.3              | 81.3              | 77.0                      | 78.1              | 77.8              | 81.3             | 83.8              | 79.6              |
| Ship and boat building                                       | 3366        | .60                                   | 103.7                     | 103.2             | 103.0             | 102.5            | 101.2             | 100.2             | 102.7                     | 113.9             | 111.0             | 108.3            | 106.2             | 92.5              |
| Other transportation equipment                               | 3369        | .22                                   | 97.4                      | 97.5              | 100.3             | 102.3            | 102.9             | 102.6             | 96.4                      | 95.9              | 98.4              | 98.4             | 102.1             | 102.9             |
| <b>Furniture and related product</b>                         | <b>337</b>  | 1.19                                  | 103.6                     | 103.2             | 103.5             | 104.2            | 104.1             | 103.1             | 102.9                     | 102.6             | 99.7              | 103.3            | 110.7             | 103.9             |
| Household and institutional furniture and kitchen            | 3371        | .63                                   | 112.8                     | 111.7             | 111.8             | 113.7            | 113.9             | 113.2             | 110.6                     | 111.8             | 111.3             | 113.2            | 115.9             | 114.0             |
| Office and other furniture                                   | 3372,9      | .56                                   | 94.9                      | 95.1              | 95.7              | 95.2             | 94.8              | 93.5              | 95.5                      | 93.6              | 88.4              | 93.6             | 105.8             | 94.1              |
| <b>Miscellaneous</b>                                         | <b>339</b>  | 2.74                                  | 95.7                      | 95.5              | 95.6              | 96.8             | 95.9              | 95.8              | 94.7                      | 95.6              | 95.6              | 96.7             | 96.9              | 95.1              |
| Medical equipment and supplies                               | 3391        | 1.67                                  | 92.5                      | 92.0              | 92.5              | 92.8             | 93.1              | 93.5              | 92.0                      | 92.3              | 92.2              | 92.8             | 93.6              | 92.6              |
| <b>Logging</b>                                               | <b>1133</b> | .16                                   | 107.5                     | 103.8             | 111.3             | 108.7            | 104.1             | 107.2             | 103.7                     | 97.4              | 101.4             | 104.4            | 107.2             | 112.7             |
| <b>Newspaper, periodical, book, and directory publishers</b> | <b>5111</b> | 1.91                                  | 78.0                      | 78.3              | 77.9              | 77.4             | 76.9              | 76.3              | 68.8                      | 69.5              | 72.9              | 76.4             | 82.1              | 86.9              |
| Newspaper publishers                                         | 51111       | .52                                   | 66.5                      | 65.6              | 65.1              | 65.1             | 65.1              | 64.7              | 66.1                      | 65.8              | 67.1              | 64.6             | 65.2              | 61.5              |
| Periodical, book, and other publishers                       | 51112-9     | 1.40                                  | 83.1                      | 84.0              | 83.7              | 83.0             | 82.2              | 81.5              | 70.1                      | 71.2              | 75.5              | 81.7             | 89.6              | 98.4              |
| STAGE-OF-PROCESS GROUPS (CAPACITY <sup>2</sup> )             |             |                                       |                           |                   |                   |                  |                   |                   |                           |                   |                   |                  |                   |                   |
| Crude                                                        |             | 18.64                                 | 112.4                     | 114.0             | 114.9             | 116.2            | 118.9             | 118.6             | 112.5                     | 114.0             | 114.5             | 115.2            | 118.1             | 118.3             |
| Primary and semifinished                                     |             | 44.13                                 | 104.5                     | 105.5             | 107.2             | 106.1            | 106.2             | 106.3             | 104.3                     | 104.9             | 103.6             | 103.8            | 108.6             | 108.8             |
| Finished                                                     |             | 37.23                                 | 102.8                     | 102.3             | 103.2             | 101.6            | 102.9             | 103.2             | 102.3                     | 103.3             | 103.6             | 101.9            | 105.0             | 100.5             |

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

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

**Table 1E**  
**INDUSTRIAL PRODUCTION: MARKET GROUP SUMMARY**

| Item                                                 | NAICS | 2017<br>IP<br>Proportion <sup>1</sup> | Index, 2012 = 100         |                   |                   |                  |                   |                   |                           |                   |                   |                  |                   |                   |
|------------------------------------------------------|-------|---------------------------------------|---------------------------|-------------------|-------------------|------------------|-------------------|-------------------|---------------------------|-------------------|-------------------|------------------|-------------------|-------------------|
|                                                      |       |                                       | Seasonally adjusted       |                   |                   |                  |                   |                   | Not seasonally adjusted   |                   |                   |                  |                   |                   |
|                                                      |       |                                       | 2018<br>Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>r</sup> | May <sup>r</sup> | June <sup>r</sup> | July <sup>p</sup> | 2018<br>Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>r</sup> | May <sup>r</sup> | June <sup>r</sup> | July <sup>p</sup> |
| <b>Total index</b>                                   |       | 100.00                                | 105.9                     | 106.5             | 107.7             | 106.8            | 107.9             | 108.0             | 105.6                     | 106.6             | 106.2             | 105.8            | 109.6             | 108.0             |
| <b>Products and nonindustrial supplies</b>           |       | 54.37                                 | 103.0                     | 103.3             | 104.7             | 103.0            | 103.9             | 104.0             | 102.7                     | 103.7             | 103.0             | 101.7            | 105.5             | 103.6             |
| <b>Final products</b>                                |       | 40.26                                 | 101.8                     | 102.2             | 103.7             | 101.5            | 102.8             | 102.9             | 102.6                     | 103.2             | 102.1             | 99.9             | 104.0             | 101.4             |
| <b>Consumer goods</b>                                |       | 28.03                                 | 105.3                     | 105.7             | 107.4             | 104.8            | 105.7             | 105.8             | 106.6                     | 107.1             | 104.9             | 102.2            | 106.6             | 104.5             |
| <b>Durable</b>                                       |       | 6.35                                  | 120.9                     | 122.2             | 121.1             | 116.0            | 120.3             | 120.6             | 123.4                     | 126.5             | 125.7             | 118.0            | 124.7             | 110.7             |
| Automotive products                                  |       | 3.31                                  | 134.7                     | 138.2             | 135.6             | 124.9            | 133.6             | 134.0             | 142.0                     | 146.6             | 143.8             | 128.5            | 140.1             | 113.2             |
| Autos and trucks, consumer                           |       | 1.88                                  | 134.6                     | 140.5             | 135.9             | 118.4            | 133.0             | 133.6             | 145.4                     | 147.9             | 144.0             | 121.4            | 140.5             | 103.4             |
| Auto parts and allied goods                          |       | 1.43                                  | 134.9                     | 135.2             | 135.3             | 133.4            | 134.6             | 134.6             | 137.7                     | 145.1             | 143.6             | 137.8            | 139.7             | 126.2             |
| Other goods                                          |       | 3.04                                  | 108.8                     | 108.1             | 108.4             | 108.2            | 108.5             | 108.7             | 106.9                     | 108.6             | 109.7             | 108.8            | 111.1             | 108.6             |
| Home electronics                                     |       | .14                                   | 115.1                     | 114.1             | 114.0             | 113.7            | 115.0             | 114.8             | 111.0                     | 112.4             | 113.2             | 115.1            | 116.9             | 112.8             |
| Appliances, furniture, and carpeting                 |       | .88                                   | 109.1                     | 106.3             | 107.8             | 106.6            | 107.4             | 107.1             | 109.7                     | 110.3             | 112.3             | 108.2            | 110.0             | 106.6             |
| Household appliances                                 |       | .23                                   | 121.6                     | 112.1             | 117.3             | 111.1            | 112.0             | 112.2             | 128.9                     | 127.6             | 136.2             | 119.9            | 116.1             | 100.1             |
| Carpeting and furniture                              |       | .65                                   | 105.0                     | 104.4             | 104.7             | 105.1            | 105.8             | 105.5             | 103.4                     | 104.7             | 104.5             | 104.3            | 108.0             | 108.7             |
| Miscellaneous goods                                  |       | 2.02                                  | 108.3                     | 108.4             | 108.2             | 108.5            | 108.5             | 108.9             | 105.3                     | 107.5             | 108.4             | 108.6            | 111.1             | 109.1             |
| <b>Nondurable</b>                                    |       | 21.68                                 | 101.3                     | 101.5             | 104.0             | 101.9            | 102.1             | 102.0             | 102.4                     | 102.2             | 99.6              | 98.2             | 102.0             | 102.9             |
| Non-energy                                           |       | 16.70                                 | 101.3                     | 99.9              | 100.7             | 100.0            | 100.0             | 100.1             | 98.4                      | 98.8              | 99.2              | 99.7             | 102.2             | 100.9             |
| Foods and tobacco                                    |       | 9.65                                  | 109.8                     | 108.2             | 109.4             | 108.3            | 108.4             | 108.0             | 107.2                     | 107.5             | 107.7             | 107.0            | 110.9             | 107.5             |
| Clothing                                             |       | .20                                   | 73.7                      | 73.2              | 74.4              | 73.4             | 70.9              | 73.5              | 74.4                      | 73.6              | 74.6              | 73.3             | 71.6              | 71.6              |
| Chemical products                                    |       | 5.29                                  | 92.5                      | 90.8              | 91.5              | 91.3             | 91.3              | 91.9              | 91.0                      | 91.7              | 91.7              | 92.7             | 92.1              | 91.2              |
| Paper products                                       |       | 1.12                                  | 85.8                      | 85.9              | 85.3              | 84.9             | 84.8              | 84.5              | 73.3                      | 73.1              | 76.4              | 82.7             | 92.3              | 102.7             |
| Miscellaneous goods                                  |       | .44                                   | 96.3                      | 95.3              | 95.8              | 96.1             | 95.9              | 96.3              | 95.1                      | 95.4              | 95.7              | 96.3             | 96.8              | 95.8              |
| Energy                                               |       | 4.98                                  | 100.7                     | 106.6             | 114.4             | 107.7            | 108.4             | 108.2             | 115.2                     | 112.8             | 100.3             | 92.5             | 100.4             | 108.6             |
| Fuels                                                |       | 2.16                                  | 107.3                     | 109.0             | 109.1             | 109.5            | 109.8             | 109.3             | 103.4                     | 107.0             | 108.6             | 110.6            | 112.4             | 111.8             |
| Residential utilities                                |       | 2.82                                  | 96.1                      | 105.3             | 119.1             | 106.8            | 107.9             | 107.7             | 125.3                     | 118.2             | 94.6              | 79.0             | 92.0              | 107.5             |
| <b>Equipment, total</b>                              |       | 12.23                                 | 95.0                      | 95.4              | 96.6              | 95.3             | 97.2              | 97.7              | 94.9                      | 95.7              | 97.0              | 95.7             | 99.2              | 95.5              |
| Business equipment                                   |       | 9.51                                  | 98.6                      | 98.9              | 100.0             | 98.1             | 100.3             | 101.0             | 98.7                      | 99.6              | 100.9             | 98.9             | 103.1             | 98.4              |
| Transit                                              |       | 2.46                                  | 110.7                     | 112.6             | 112.5             | 106.5            | 113.9             | 115.9             | 113.5                     | 115.0             | 115.6             | 107.2            | 117.4             | 107.2             |
| Business vehicles                                    |       | .84                                   | 114.7                     | 119.8             | 117.0             | 100.2            | 117.3             | 122.2             | 122.7                     | 125.8             | 125.6             | 103.2            | 125.3             | 99.1              |
| Business light vehicles                              |       | .60                                   | 119.9                     | 125.5             | 121.8             | 106.5            | 119.7             | 120.9             | 129.4                     | 132.1             | 129.0             | 109.3            | 126.4             | 93.5              |
| Autos                                                |       | .16                                   | 82.0                      | 86.9              | 85.3              | 78.9             | 78.4              | 90.0              | 87.6                      | 89.4              | 89.2              | 80.8             | 84.0              | 67.5              |
| Trucks                                               |       | .44                                   | 142.4                     | 148.6             | 143.6             | 123.2            | 144.1             | 139.6             | 154.4                     | 157.4             | 152.8             | 126.4            | 151.6             | 109.1             |
| Information processing                               |       | 2.13                                  | 105.5                     | 106.4             | 107.7             | 107.5            | 108.4             | 109.6             | 102.9                     | 105.0             | 106.5             | 107.7            | 108.8             | 108.7             |
| Industrial and other                                 |       | 4.92                                  | 91.0                      | 90.4              | 91.9              | 91.1             | 91.5              | 91.6              | 90.9                      | 91.1              | 92.6              | 92.1             | 95.0              | 90.8              |
| Industrial equipment                                 |       | 2.90                                  | 90.7                      | 89.6              | 90.8              | 88.9             | 89.0              | 89.9              | 90.7                      | 90.1              | 92.2              | 90.3             | 91.6              | 89.6              |
| Other equipment                                      |       | 2.02                                  | 91.5                      | 91.7              | 93.7              | 94.5             | 95.5              | 94.2              | 91.4                      | 92.7              | 93.3              | 94.9             | 100.1             | 92.9              |
| Oil and gas well drilling<br>and manufactured homes  |       | .60                                   | 75.8                      | 77.7              | 79.5              | 82.2             | 83.8              | 80.9              | 75.4                      | 75.8              | 77.8              | 80.6             | 81.7              | 79.8              |
| Defense and space equipment                          |       | 2.12                                  | 88.5                      | 88.8              | 90.4              | 90.0             | 91.2              | 91.4              | 88.2                      | 88.7              | 89.7              | 89.5             | 91.4              | 90.9              |
| <b>Nonindustrial supplies</b>                        |       | 14.10                                 | 106.7                     | 106.7             | 107.5             | 107.2            | 107.3             | 107.2             | 103.0                     | 105.2             | 105.7             | 107.0            | 110.1             | 110.0             |
| Construction supplies                                |       | 5.12                                  | 114.8                     | 113.6             | 114.2             | 114.6            | 114.3             | 114.2             | 106.8                     | 109.8             | 113.8             | 117.2            | 120.9             | 119.3             |
| Business supplies                                    |       | 8.98                                  | 102.7                     | 103.3             | 104.2             | 103.6            | 103.8             | 103.8             | 101.2                     | 103.0             | 101.6             | 101.8            | 104.6             | 105.2             |
| Non-energy business supplies                         |       | 6.62                                  | 101.4                     | 100.7             | 101.4             | 101.5            | 101.8             | 101.9             | 99.2                      | 100.4             | 101.2             | 101.4            | 103.2             | 101.7             |
| Commercial energy products                           |       | 2.37                                  | 106.7                     | 111.0             | 112.7             | 109.9            | 110.1             | 109.7             | 107.4                     | 110.9             | 103.2             | 103.3            | 109.0             | 115.7             |
| <b>Materials</b>                                     |       | 45.63                                 | 108.9                     | 109.8             | 110.9             | 111.1            | 112.2             | 112.3             | 108.6                     | 109.5             | 109.6             | 110.3            | 114.1             | 113.0             |
| Non-energy                                           |       | 27.58                                 | 104.0                     | 104.3             | 105.2             | 104.6            | 105.2             | 105.4             | 103.3                     | 104.9             | 105.7             | 105.1            | 107.2             | 103.7             |
| Durable                                              |       | 16.31                                 | 106.2                     | 106.2             | 106.8             | 105.7            | 106.5             | 107.0             | 105.5                     | 107.1             | 107.7             | 106.4            | 109.5             | 104.2             |
| Consumer parts                                       |       | 2.99                                  | 113.4                     | 114.5             | 113.4             | 108.9            | 111.1             | 111.7             | 118.3                     | 119.9             | 118.1             | 110.0            | 115.3             | 95.3              |
| Equipment parts                                      |       | 4.79                                  | 104.6                     | 104.3             | 105.9             | 105.5            | 106.9             | 107.6             | 103.3                     | 106.1             | 105.5             | 105.1            | 109.3             | 105.4             |
| Computer and other<br>board assemblies and parts     |       | .20                                   | 112.5                     | 110.0             | 112.1             | 111.1            | 111.4             | 111.7             | 105.1                     | 117.1             | 111.2             | 109.9            | 119.7             | 107.0             |
| Semiconductors, printed<br>circuit boards, and other |       | .79                                   | 157.6                     | 159.5             | 163.0             | 163.4            | 167.3             | 171.2             | 148.4                     | 165.1             | 156.8             | 158.0            | 172.3             | 168.7             |
| Other equipment parts                                |       | 3.80                                  | 93.4                      | 92.9              | 94.3              | 93.8             | 94.9              | 95.1              | 93.4                      | 93.9              | 94.6              | 94.0             | 96.6              | 93.2              |
| Other                                                |       | 8.53                                  | 104.8                     | 104.5             | 105.1             | 104.7            | 104.7             | 105.1             | 102.5                     | 103.4             | 105.4             | 105.8            | 107.6             | 106.3             |
| Basic metals                                         |       | 2.75                                  | 94.1                      | 94.7              | 96.5              | 95.0             | 95.4              | 95.0              | 95.3                      | 94.8              | 97.0              | 95.2             | 98.0              | 95.6              |
| Miscellaneous materials                              |       | 5.78                                  | 110.3                     | 109.6             | 109.6             | 109.8            | 109.6             | 110.3             | 106.2                     | 107.8             | 109.8             | 111.3            | 112.6             | 111.9             |
| Nondurable                                           |       | 11.27                                 | 100.6                     | 101.3             | 102.8             | 102.8            | 103.2             | 103.1             | 100.1                     | 101.6             | 102.7             | 103.1            | 103.9             | 102.9             |
| Textile                                              |       | .35                                   | 95.5                      | 92.9              | 93.7              | 93.2             | 94.1              | 92.7              | 94.1                      | 92.9              | 94.6              | 93.6             | 95.5              | 91.8              |
| Paper                                                |       | 1.88                                  | 93.1                      | 92.7              | 93.2              | 92.6             | 92.5              | 91.9              | 93.1                      | 92.4              | 92.4              | 91.9             | 93.0              | 92.0              |
| Chemical                                             |       | 5.78                                  | 98.1                      | 101.1             | 102.8             | 103.8            | 104.5             | 104.5             | 97.8                      | 101.1             | 102.7             | 104.2            | 104.9             | 105.3             |
| Other materials                                      |       | 3.26                                  | 110.5                     | 108.2             | 109.9             | 108.6            | 108.5             | 108.7             | 109.5                     | 109.5             | 110.3             | 109.2            | 109.9             | 106.2             |
| Containers                                           |       | 1.06                                  | 105.0                     | 103.1             | 105.2             | 102.9            | 102.8             | 102.1             | 102.6                     | 103.1             | 105.8             | 104.9            | 107.0             | 102.7             |
| Miscellaneous materials                              |       | 2.20                                  | 113.3                     | 110.7             | 112.2             | 111.4            | 111.3             | 111.9             | 112.9                     | 112.7             | 112.5             | 111.3            | 111.3             | 107.9             |
| Energy                                               |       | 18.05                                 | 114.7                     | 116.4             | 117.7             | 119.1            | 121.0             | 121.0             | 114.9                     | 114.7             | 113.6             | 116.4            | 122.6             | 125.4             |
| Primary energy                                       |       | 13.42                                 | 120.4                     | 121.9             | 122.2             | 123.6            | 126.9             | 126.9             | 121.5                     | 122.0             | 121.3             | 122.6            | 126.5             | 126.8             |
| Converted fuel                                       |       | 4.63                                  | 95.6                      | 97.8              | 101.8             | 103.1            | 101.2             | 101.2             | 93.7                      | 91.8              | 89.4              | 96.0             | 108.1             | 117.2             |

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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 2**  
**CAPACITY UTILIZATION: MANUFACTURING, MINING, AND UTILITIES**  
Percent of capacity, seasonally adjusted

| Item                                                             | NAICS            | 2017<br>Proportion | 1972-<br>2017<br>Ave. | 1982<br>Low | 1988-<br>1989<br>High | 1990-<br>1991<br>Low | 1994-<br>1995<br>High | 2009<br>Low | 2017<br>July | 2018<br>Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>r</sup> | May <sup>r</sup> | June <sup>r</sup> | July <sup>p</sup> |
|------------------------------------------------------------------|------------------|--------------------|-----------------------|-------------|-----------------------|----------------------|-----------------------|-------------|--------------|---------------------------|-------------------|-------------------|------------------|-------------------|-------------------|
| <b>Total industry</b>                                            |                  | 100.00             | 79.8                  | 70.8        | 85.2                  | 78.8                 | 85.0                  | 66.7        | 76.1         | 77.2                      | 77.5              | 78.3              | 77.5             | 78.1              | 78.1              |
| STAGE-OF-PROCESS GROUPS                                          |                  |                    |                       |             |                       |                      |                       |             |              |                           |                   |                   |                  |                   |                   |
| Crude                                                            |                  | 16.40              | 86.0                  | 78.2        | 87.8                  | 84.7                 | 90.0                  | 76.4        | 84.8         | 86.9                      | 87.9              | 88.3              | 88.9             | 90.6              | 90.1              |
| Primary and semifinished                                         |                  | 44.89              | 80.4                  | 68.1        | 86.5                  | 78.1                 | 87.7                  | 63.8        | 74.7         | 75.5                      | 76.1              | 77.3              | 76.3             | 76.3              | 76.3              |
| Finished                                                         |                  | 38.71              | 76.9                  | 70.7        | 83.4                  | 77.3                 | 80.7                  | 66.6        | 74.0         | 75.2                      | 74.7              | 75.3              | 74.0             | 74.9              | 75.0              |
| INDUSTRY GROUPS                                                  |                  |                    |                       |             |                       |                      |                       |             |              |                           |                   |                   |                  |                   |                   |
| <b>Manufacturing</b>                                             |                  | 77.37              | 78.3                  | 68.5        | 85.6                  | 77.3                 | 84.6                  | 63.7        | 74.6         | 75.7                      | 75.6              | 76.0              | 75.2             | 75.7              | 75.9              |
| <b>Manufacturing (NAICS)</b>                                     | <b>31-33</b>     | 74.76              | 78.2                  | 67.9        | 85.6                  | 77.2                 | 84.7                  | 63.5        | 75.1         | 76.2                      | 76.1              | 76.5              | 75.7             | 76.2              | 76.4              |
| <b>Durable manufacturing</b>                                     |                  | 39.10              | 76.9                  | 63.0        | 84.8                  | 73.9                 | 83.8                  | 58.3        | 73.5         | 75.4                      | 75.6              | 75.8              | 74.6             | 75.7              | 75.9              |
| Wood products                                                    | 321              | 1.39               | 76.5                  | 59.6        | 86.4                  | 72.1                 | 86.6                  | 47.7        | 76.7         | 79.9                      | 79.5              | 78.6              | 78.3             | 78.7              | 78.5              |
| Nonmetallic mineral products                                     | 327              | 2.60               | 73.8                  | 64.2        | 83.2                  | 71.4                 | 82.4                  | 45.6        | 64.1         | 67.5                      | 66.4              | 67.0              | 66.7             | 66.0              | 65.8              |
| Primary metals                                                   | 331              | 2.93               | 78.3                  | 48.3        | 94.4                  | 75.8                 | 94.1                  | 49.7        | 67.0         | 69.6                      | 70.3              | 69.9              | 69.7             | 69.2              | 69.7              |
| Iron and steel products                                          | 3311.2           | 1.30               | 79.8                  | 38.0        | 97.9                  | 71.1                 | 97.9                  | 40.3        | 71.6         | 76.4                      | 78.3              | 76.5              | 76.4             | 75.1              | 77.0              |
| Fabricated metal products                                        | 332              | 5.42               | 77.5                  | 61.6        | 81.7                  | 72.5                 | 84.9                  | 61.9        | 77.0         | 80.7                      | 80.8              | 80.7              | 80.4             | 81.2              | 81.1              |
| Machinery                                                        | 333              | 5.64               | 77.5                  | 57.7        | 85.5                  | 73.8                 | 87.2                  | 59.0        | 72.5         | 75.1                      | 74.6              | 76.3              | 75.4             | 76.0              | 76.5              |
| Computer and electronic products                                 | 334              | 5.47               | 77.5                  | 78.0        | 82.1                  | 77.6                 | 84.4                  | 70.3        | 69.6         | 71.0                      | 71.4              | 72.2              | 71.9             | 72.5              | 73.3              |
| Computer and peripheral equip.                                   | 3341             | .30                | 78.0                  | 66.7        | 79.3                  | 69.4                 | 88.0                  | 83.0        | 92.8         | 94.9                      | 95.4              | 95.5              | 92.5             | 94.0              | 92.4              |
| Communications equipment                                         | 3342             | .63                | 76.4                  | 84.5        | 85.4                  | 77.1                 | 86.0                  | 77.2        | 64.9         | 61.2                      | 62.5              | 63.9              | 65.5             | 66.1              | 64.8              |
| Semiconductor and related electronic components                  | 3344             | 1.39               | 78.6                  | 78.1        | 82.6                  | 78.4                 | 91.8                  | 62.9        | 69.2         | 73.6                      | 74.0              | 75.4              | 75.5             | 76.7              | 78.1              |
| Electrical equipment, appliances, and components                 | 335              | 1.82               | 82.2                  | 64.6        | 89.3                  | 77.3                 | 92.7                  | 66.8        | 77.3         | 76.9                      | 75.7              | 77.2              | 77.1             | 77.9              | 78.0              |
| Transportation equipment                                         | 336              | 9.95               | 74.8                  | 55.8        | 87.4                  | 68.1                 | 79.4                  | 50.0        | 75.7         | 77.6                      | 78.8              | 78.3              | 74.3             | 78.0              | 78.3              |
| Motor vehicles and parts                                         | 3361-3           | 5.59               | 75.2                  | 44.2        | 91.0                  | 56.8                 | 87.7                  | 33.7        | 74.5         | 79.7                      | 81.8              | 80.0              | 73.1             | 78.6              | 79.3              |
| Autos and light trucks                                           | 33611            | 2.42               | 76.5                  | 39.7        | 93.8                  | 53.1                 | 89.3                  | 26.5        | 74.8         | 80.9                      | 84.4              | 81.6              | 71.1             | 79.9              | 80.3              |
| Aerospace and miscellaneous transportation equipment             | 3364-9           | 4.36               | 74.2                  | 68.3        | 89.0                  | 81.9                 | 70.4                  | 73.0        | 77.3         | 74.8                      | 74.8              | 75.9              | 75.7             | 76.9              | 76.7              |
| Furniture and related products                                   | 337              | 1.20               | 76.7                  | 64.8        | 82.2                  | 68.7                 | 82.7                  | 55.8        | 75.6         | 75.4                      | 75.0              | 75.1              | 75.5             | 75.4              | 74.6              |
| Miscellaneous                                                    | 339              | 2.67               | 76.6                  | 69.0        | 82.6                  | 77.4                 | 81.3                  | 68.4        | 79.5         | 77.4                      | 77.1              | 77.2              | 77.9             | 77.1              | 76.9              |
| <b>Nondurable manufacturing</b>                                  |                  | 35.66              | 80.1                  | 75.3        | 86.8                  | 81.4                 | 86.0                  | 69.0        | 76.8         | 77.2                      | 76.7              | 77.3              | 77.0             | 76.9              | 77.0              |
| Food                                                             | 311              | 8.46               | 82.2                  | 79.6        | 86.2                  | 83.1                 | 86.4                  | 77.9        | 81.8         | 83.8                      | 82.2              | 83.0              | 82.4             | 82.4              | 82.2              |
| Beverage and tobacco products                                    | 312              | 3.34               | 76.2                  | 78.6        | 87.0                  | 75.2                 | 85.1                  | 66.1        | 64.2         | 64.6                      | 63.8              | 64.4              | 62.8             | 62.6              | 62.0              |
| Textile mills                                                    | 313              | .37                | 78.7                  | 72.4        | 92.1                  | 77.4                 | 93.7                  | 52.1        | 65.9         | 69.6                      | 67.8              | 68.5              | 68.1             | 69.2              | 68.1              |
| Textile product mills                                            | 314              | .36                | 79.1                  | 71.8        | 90.8                  | 76.8                 | 88.7                  | 56.6        | 71.1         | 71.9                      | 71.4              | 71.6              | 70.5             | 70.7              | 70.6              |
| Apparel                                                          | 315              | .17                | 77.7                  | 74.8        | 84.7                  | 77.5                 | 88.5                  | 61.8        | 67.7         | 71.0                      | 71.1              | 73.0              | 72.6             | 70.4              | 74.1              |
| Leather and allied products                                      | 316              | .08                | 70.9                  | 72.9        | 80.8                  | 72.0                 | 79.8                  | 44.3        | 58.3         | 59.3                      | 58.2              | 57.9              | 56.7             | 54.6              | 54.7              |
| Paper                                                            | 322              | 2.21               | 86.7                  | 81.4        | 92.6                  | 85.6                 | 92.7                  | 72.9        | 85.9         | 86.5                      | 85.7              | 87.3              | 86.1             | 86.0              | 85.4              |
| Printing and support                                             | 323              | 1.48               | 79.6                  | 80.3        | 91.8                  | 83.1                 | 84.9                  | 58.8        | 73.9         | 74.5                      | 72.8              | 73.7              | 73.9             | 74.0              | 73.5              |
| Petroleum and coal products                                      | 324              | 3.05               | 85.1                  | 68.5        | 85.8                  | 81.4                 | 91.0                  | 76.3        | 78.5         | 78.1                      | 78.6              | 78.5              | 78.9             | 78.5              | 79.0              |
| Chemicals                                                        | 325              | 12.79              | 76.8                  | 68.0        | 85.3                  | 80.2                 | 82.0                  | 65.4        | 74.4         | 74.0                      | 74.2              | 75.0              | 75.4             | 75.5              | 75.8              |
| Plastics material and resin                                      | 325211           | .83                | 88.5                  | 66.1        | 96.9                  | 81.6                 | 102.1                 | 75.6        | 87.5         | 82.9                      | 90.1              | 94.7              |                  |                   |                   |
| Synthetic rubber                                                 | 325212           | .11                | 75.1                  | 54.6        | 94.4                  | 72.5                 | 87.4                  | 56.9        | 65.1         | 69.7                      | 67.2              | 69.0              | 67.3             | 69.1              | 68.7              |
| Artificial and synthetic fibers and filaments                    | 32522            | .08                | 81.0                  | 63.3        | 93.5                  | 75.5                 | 91.7                  | 58.3        | 78.3         | 82.0                      | 77.7              | 81.8              | 77.7             | 78.4              | 77.1              |
| Plastics and rubber products                                     | 326              | 3.35               | 82.1                  | 72.5        | 89.9                  | 77.0                 | 93.2                  | 57.5        | 82.5         | 82.2                      | 81.4              | 80.5              | 79.1             | 78.9              | 79.8              |
| <b>Other manufacturing (non-NAICS)</b>                           | <b>1133,5111</b> | 2.61               | 80.0                  | 86.7        | 91.2                  | 80.1                 | 83.2                  | 68.3        | 60.1         | 60.8                      | 61.1              | 61.3              | 61.0             | 60.5              | 60.3              |
| <b>Mining</b>                                                    | <b>21</b>        | 12.26              | 87.0                  | 79.6        | 86.3                  | 84.3                 | 88.6                  | 78.2        | 84.8         | 89.5                      | 90.2              | 90.4              | 90.7             | 92.8              | 92.0              |
| Oil and gas extraction                                           | 211              | 7.75               | 92.9                  | 89.6        | 91.5                  | 89.5                 | 94.8                  | 93.3        | 95.3         | 99.4                      | 100.2             | 99.8              | 99.8             | 102.7             | 102.4             |
| Mining (except oil and gas)                                      | 212              | 2.15               | 82.9                  | 67.9        | 91.2                  | 80.3                 | 87.7                  | 68.5        | 77.7         | 82.2                      | 81.2              | 82.0              | 81.5             | 81.5              | 79.6              |
| Coal mining                                                      | 2121             | .76                | 84.8                  | 76.3        | 92.5                  | 79.8                 | 87.3                  | 75.3        | 76.7         | 84.8                      | 85.5              | 82.9              | 85.2             | 83.9              | 82.9              |
| Metal mining                                                     | 2122             | .62                | 77.7                  | 32.3        | 93.4                  | 81.3                 | 90.1                  | 64.0        | 71.6         | 66.4                      | 66.0              | 72.3              | 66.8             | 71.1              | 69.1              |
| Stone and earth minerals                                         | 2123             | .77                | 83.1                  | 63.5        | 89.4                  | 76.3                 | 91.8                  | 61.9        | 84.0         | 92.8                      | 89.7              | 88.9              | 90.1             | 87.6              | 84.9              |
| Support activities for mining                                    | 213              | 2.37               | 71.9                  | 52.6        | 62.6                  | 56.1                 | 74.8                  | 48.8        | 55.6         | 60.3                      | 62.4              | 64.6              | 66.3             | 67.2              | 65.2              |
| <b>Utilities</b>                                                 | <b>2211,2</b>    | 10.37              | 85.3                  | 76.8        | 92.9                  | 84.4                 | 92.9                  | 78.3        | 77.1         | 73.6                      | 76.6              | 80.9              | 78.7             | 78.0              | 77.5              |
| Electric                                                         | 2211             | 9.03               | 86.4                  | 77.4        | 94.3                  | 87.3                 | 95.3                  | 78.2        | 77.2         | 73.8                      | 75.6              | 77.6              | 79.5             | 77.5              | 76.7              |
| Natural gas                                                      | 2212             | 1.33               | 80.1                  | 72.9        | 86.3                  | 67.4                 | 87.5                  | 71.9        | 77.4         | 73.5                      | 83.9              | 103.6             | 74.2             | 82.1              | 83.9              |
| SPECIAL AGGREGATES                                               |                  |                    |                       |             |                       |                      |                       |             |              |                           |                   |                   |                  |                   |                   |
| Selected high-technology industries                              |                  | 2.32               | 77.4                  | 75.6        | 81.4                  | 75.7                 | 86.6                  | 71.1        | 71.1         | 73.0                      | 73.6              | 74.9              | 75.0             | 76.1              | 76.3              |
| Manufacturing ex. selected high-tech industries                  |                  | 75.05              | 78.4                  | 68.1        | 86.1                  | 77.3                 | 84.5                  | 63.3        | 74.7         | 75.8                      | 75.6              | 76.0              | 75.2             | 75.7              | 75.9              |
| Manufacturing ex. selected high-tech and motor vehicles and pts. |                  | 69.46              | 78.7                  | 69.5        | 85.7                  | 79.2                 | 84.2                  | 65.9        | 74.7         | 75.5                      | 75.1              | 75.7              | 75.4             | 75.5              | 75.6              |

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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-<br>2018<br>Ave. | 1972-<br>1975<br>Ave. | 1975-<br>2018<br>Ave. | 2014                             | 2015  | 2016  | 2017 | 2018 <sup>p</sup> | 2017<br>July           | 2018<br>Feb. | Mar.  | Apr.  | May   | June  | July  |
| <b>Total industry</b>                                               |                  | 2.2                   | 3.0                   | 2.1                   | 1.4                              | .8    | .6    | .6   | 2.0               | 136.2                  | 137.2        | 137.4 | 137.6 | 137.9 | 138.1 | 138.4 |
| STAGE-OF-PROCESS GROUPS                                             |                  |                       |                       |                       |                                  |       |       |      |                   |                        |              |       |       |       |       |       |
| Crude                                                               |                  | .8                    | 1.0                   | .8                    | 5.3                              | .4    | -2.4  | -.5  | 4.1               | 128.0                  | 129.4        | 129.8 | 130.2 | 130.7 | 131.2 | 131.7 |
| Primary and semifinished                                            |                  | 2.2                   | 3.6                   | 2.1                   | -.2                              | -.2   | 1.7   | .7   | 1.4               | 137.7                  | 138.4        | 138.6 | 138.8 | 138.9 | 139.1 | 139.3 |
| Finished                                                            |                  | 2.6                   | 3.3                   | 2.5                   | .0                               | .1    | 1.0   | 1.1  | 1.3               | 135.9                  | 136.8        | 136.9 | 137.1 | 137.2 | 137.4 | 137.5 |
| INDUSTRY GROUPS                                                     |                  |                       |                       |                       |                                  |       |       |      |                   |                        |              |       |       |       |       |       |
| <b>Manufacturing</b>                                                |                  | 2.3                   | 3.1                   | 2.2                   | -.3                              | -.3   | 1.3   | .7   | 1.3               | 136.3                  | 137.0        | 137.2 | 137.3 | 137.5 | 137.7 | 137.8 |
| <b>Manufacturing (NAICS)</b>                                        | <b>31-33</b>     | 2.4                   | 3.1                   | 2.4                   | -.1                              | -.2   | 1.4   | .9   | 1.5               | 136.4                  | 137.3        | 137.4 | 137.6 | 137.8 | 138.0 | 138.1 |
| <b>Durable manufacturing</b>                                        |                  | 3.3                   | 3.3                   | 3.3                   | .3                               | .3    | .9    | .9   | 1.3               | 139.2                  | 140.1        | 140.3 | 140.4 | 140.6 | 140.7 | 140.9 |
| Wood products                                                       | 321              | .9                    | 2.0                   | .8                    | 4.2                              | -.1   | 2.4   | 1.5  | 3.5               | 157.5                  | 159.2        | 159.6 | 160.1 | 160.6 | 161.1 | 161.6 |
| Nonmetallic mineral products                                        | 327              | .9                    | .9                    | .9                    | .0                               | .6    | 2.4   | 3.0  | 3.2               | 176.9                  | 180.1        | 180.6 | 181.1 | 181.5 | 182.0 | 182.5 |
| Primary metals                                                      | 331              | .0                    | .7                    | -.1                   | 2.0                              | -.5   | -2.2  | .8   | -.5               | 137.9                  | 138.4        | 138.4 | 138.3 | 138.3 | 138.2 | 138.1 |
| Iron and steel products                                             | 3311,2           | -.4                   | -.1                   | -.4                   | -2.8                             | .8    | -4.6  | .7   | -1.1              | 124.0                  | 124.8        | 124.8 | 124.7 | 124.5 | 124.3 | 124.2 |
| Fabricated metal products                                           | 332              | 1.0                   | 3.2                   | .8                    | -.4                              | -1.7  | .0    | -.3  | 1.0               | 126.0                  | 126.1        | 126.2 | 126.3 | 126.5 | 126.6 | 126.7 |
| Machinery                                                           | 333              | 1.3                   | 3.7                   | 1.1                   | .2                               | -.4   | -1.5  | -1.4 | -1.1              | 120.3                  | 119.4        | 119.3 | 119.2 | 119.1 | 119.0 | 118.9 |
| Computer and electronic products                                    | 334              | 12.7                  | 11.7                  | 12.8                  | 3.4                              | 3.6   | 5.0   | 2.3  | 3.7               | 162.5                  | 164.9        | 165.4 | 165.9 | 166.5 | 167.0 | 167.6 |
| Computer and peripheral equip.                                      | 3341             | 19.5                  | 31.2                  | 18.5                  | -2.6                             | 2.6   | -10.1 | 5.1  | 15.6              | 142.0                  | 152.3        | 154.1 | 156.0 | 157.9 | 159.9 | 161.9 |
| Communications equipment                                            | 3342             | 9.6                   | 10.8                  | 9.5                   | 8.1                              | 4.1   | 5.9   | 7.7  | 5.0               | 185.5                  | 192.6        | 193.4 | 194.2 | 194.9 | 195.7 | 196.4 |
| Semiconductor and related<br>electronic components                  | 3344             | 19.1                  | 13.2                  | 19.7                  | 1.4                              | 3.0   | 12.8  | .7   | 3.1               | 210.9                  | 210.9        | 211.3 | 211.9 | 212.6 | 213.3 | 214.0 |
| Electrical equipment, appliances,<br>and components                 | 335              | .9                    | 3.6                   | .7                    | 1.5                              | 4.3   | .7    | 1.5  | 2.4               | 132.9                  | 134.5        | 134.8 | 135.0 | 135.3 | 135.6 | 135.9 |
| Transportation equipment                                            | 336              | 1.8                   | 1.9                   | 1.8                   | -.8                              | .8    | 1.2   | 1.6  | .7                | 144.7                  | 145.7        | 145.8 | 145.9 | 146.0 | 146.0 | 146.1 |
| Motor vehicles and parts                                            | 3361-3           | 2.4                   | 2.9                   | 2.4                   | 1.2                              | .7    | 1.5   | 2.9  | 1.5               | 159.4                  | 162.0        | 162.2 | 162.4 | 162.6 | 162.7 | 162.9 |
| Autos and light trucks                                              | 33611            | 2.6                   | 3.8                   | 2.4                   | 4.0                              | 1.4   | 2.2   | 3.3  | .9                | 159.0                  | 161.6        | 161.8 | 161.9 | 162.0 | 162.1 | 162.1 |
| Aerospace and miscellaneous<br>transportation equipment             | 3364-9           | 1.0                   | .5                    | 1.0                   | -3.0                             | .7    | .9    | -.1  | -.1               | 129.9                  | 129.6        | 129.6 | 129.6 | 129.6 | 129.6 | 129.6 |
| Furniture and related products                                      | 337              | 1.1                   | 3.4                   | .9                    | -2.3                             | .5    | 2.3   | .9   | 1.5               | 136.6                  | 137.5        | 137.6 | 137.8 | 138.0 | 138.2 | 138.3 |
| Miscellaneous                                                       | 339              | 2.0                   | 3.4                   | 1.9                   | -3.1                             | -3.1  | -1.6  | -.3  | 1.8               | 123.0                  | 123.6        | 123.8 | 124.0 | 124.2 | 124.4 | 124.6 |
| <b>Nondurable manufacturing</b>                                     |                  | 1.3                   | 2.8                   | 1.1                   | -.6                              | -.8   | 2.1   | .9   | 1.3               | 133.4                  | 134.1        | 134.3 | 134.4 | 134.6 | 134.7 | 134.9 |
| Food                                                                | 311              | 1.7                   | 2.8                   | 1.6                   | 2.8                              | 2.2   | 2.4   | 2.2  | 2.7               | 136.2                  | 138.0        | 138.3 | 138.6 | 138.9 | 139.2 | 139.5 |
| Beverage and tobacco products                                       | 312              | .6                    | .8                    | .5                    | 3.1                              | .6    | 4.6   | 2.3  | .8                | 154.1                  | 154.8        | 154.9 | 155.0 | 155.1 | 155.2 | 155.3 |
| Textile mills                                                       | 313              | -.9                   | 2.4                   | -1.2                  | -.8                              | -.3   | -1.5  | -2.0 | -1.6              | 133.4                  | 131.9        | 131.7 | 131.5 | 131.4 | 131.2 | 131.0 |
| Textile product mills                                               | 314              | .2                    | 1.3                   | .1                    | -1.3                             | -.6   | -1.0  | -.4  | .4                | 153.6                  | 153.7        | 153.7 | 153.8 | 153.8 | 153.9 | 153.9 |
| Apparel                                                             | 315              | -4.0                  | 1.3                   | -4.5                  | -6.2                             | -6.7  | -6.8  | -6.8 | -5.7              | 103.3                  | 99.4         | 98.9  | 98.5  | 98.0  | 97.5  | 97.0  |
| Leather and allied products                                         | 316              | -2.7                  | -1.9                  | -2.8                  | -7.8                             | 1.0   | -1.2  | .4   | 2.1               | 148.4                  | 149.6        | 149.9 | 150.1 | 150.4 | 150.7 | 150.9 |
| Paper                                                               | 322              | .6                    | 3.2                   | .4                    | -2.9                             | -2.4  | -2.2  | -.3  | -.9               | 111.4                  | 111.3        | 111.2 | 111.1 | 111.0 | 110.9 | 110.8 |
| Printing and support                                                | 323              | 1.4                   | 3.4                   | 1.2                   | -4.5                             | -4.0  | -3.2  | -2.5 | .0                | 133.6                  | 132.5        | 132.5 | 132.5 | 132.5 | 132.5 | 132.6 |
| Petroleum and coal products                                         | 324              | 1.4                   | 5.4                   | 1.0                   | -4.2                             | 3.8   | 11.2  | -1.8 | 1.5               | 135.5                  | 135.4        | 135.6 | 135.9 | 136.1 | 136.4 | 136.6 |
| Chemicals                                                           | 325              | 1.7                   | 3.7                   | 1.5                   | -2.5                             | -3.1  | .4    | .7   | .4                | 130.6                  | 131.0        | 131.0 | 131.0 | 131.1 | 131.1 | 131.2 |
| Plastics material and resin                                         | 325211           | 2.3                   | 4.7                   | 2.1                   | 1.0                              | -5.9  | 2.3   | 6.2  | 3.2               | 109.9                  | 112.9        | 113.3 | 113.6 | 113.8 | 114.1 | 114.4 |
| Synthetic rubber                                                    | 325212           | .5                    | 3.1                   | .3                    | -1.6                             | -.4   | .3    | -1.8 | -1.7              | 146.4                  | 144.6        | 144.4 | 144.2 | 144.0 | 143.8 | 143.6 |
| Artificial and synthetic fibers<br>and filaments                    | 32522            | -.3                   | 14.1                  | -1.5                  | -4.3                             | -4.2  | -.7   | 3.0  | 2.1               | 108.1                  | 109.9        | 110.1 | 110.3 | 110.5 | 110.7 | 110.8 |
| Plastics and rubber products                                        | 326              | 2.5                   | 4.6                   | 2.3                   | .1                               | -1.2  | 4.4   | 3.1  | 4.2               | 132.7                  | 135.0        | 135.4 | 135.8 | 136.3 | 136.8 | 137.3 |
| <b>Other manufacturing (non-NAICS)</b>                              | <b>1133,5111</b> | -.1                   | 2.9                   | -.4                   | -3.5                             | -3.4  | -2.7  | -3.6 | -2.9              | 133.8                  | 131.1        | 130.7 | 130.4 | 130.1 | 129.8 | 129.5 |
| <b>Mining</b>                                                       | <b>21</b>        | .6                    | -.5                   | .8                    | 6.8                              | .9    | -3.1  | -1.0 | 5.7               | 129.0                  | 130.8        | 131.4 | 132.0 | 132.7 | 133.4 | 134.1 |
| Oil and gas extraction                                              | 211              | .6                    | -2.7                  | 1.0                   | 11.0                             | 4.7   | -.6   | 4.2  | 9.7               | 140.1                  | 146.0        | 147.1 | 148.3 | 149.4 | 150.6 | 151.9 |
| Mining (except oil and gas)                                         | 212              | .6                    | 1.6                   | .5                    | -.8                              | -3.4  | -2.3  | -2.4 | -2.4              | 116.5                  | 114.6        | 114.3 | 114.1 | 113.9 | 113.6 | 113.4 |
| Coal mining                                                         | 2121             | .2                    | 2.5                   | .0                    | -1.1                             | -6.2  | -8.4  | -7.3 | -7.9              | 96.0                   | 91.8         | 91.2  | 90.6  | 89.9  | 89.3  | 88.7  |
| Metal mining                                                        | 2122             | 1.1                   | 1.9                   | 1.0                   | -1.7                             | -3.0  | 1.7   | .2   | .1                | 134.6                  | 133.9        | 133.9 | 133.9 | 133.9 | 133.9 | 134.0 |
| Stone and earth minerals                                            | 2123             | .4                    | -.1                   | .4                    | .9                               | 1.3   | 1.8   | .2   | 1.2               | 132.3                  | 132.7        | 132.8 | 132.9 | 133.1 | 133.2 | 133.4 |
| Support activities for mining                                       | 213              | .1                    | 5.7                   | -.4                   | -8.2                             | -16.2 | -1.5  | -9.1 | -5.4              | 106.6                  | 100.6        | 100.0 | 99.6  | 99.2  | 98.8  | 98.5  |
| <b>Utilities</b>                                                    | <b>2211,2</b>    | 2.3                   | 6.3                   | 1.9                   | .4                               | .4    | 1.6   | 1.8  | 2.0               | 132.4                  | 133.8        | 134.0 | 134.2 | 134.4 | 134.6 | 134.8 |
| Electric                                                            | 2211             | 2.8                   | 8.7                   | 2.3                   | .3                               | .4    | 1.6   | 1.8  | 2.2               | 131.4                  | 132.9        | 133.2 | 133.4 | 133.7 | 133.9 | 134.2 |
| Natural gas                                                         | 2212             | .2                    | -1.0                  | .3                    | 1.2                              | 1.0   | .5    | .2   | .7                | 137.9                  | 138.2        | 138.3 | 138.4 | 138.5 | 138.6 | 138.7 |
| SPECIAL AGGREGATES                                                  |                  |                       |                       |                       |                                  |       |       |      |                   |                        |              |       |       |       |       |       |
| Selected high-technology industries                                 |                  | 17.5                  | 17.2                  | 17.5                  | 2.3                              | 3.3   | 7.4   | 3.2  | 5.5               | 193.0                  | 196.9        | 197.7 | 198.7 | 199.6 | 200.6 | 201.6 |
| Manufacturing ex. selected high-tech<br>industries                  |                  | 1.3                   | 2.6                   | 1.2                   | -.3                              | -.4   | 1.1   | .7   | 1.2               | 134.6                  | 135.2        | 135.3 | 135.5 | 135.6 | 135.8 | 135.9 |
| Manufacturing ex. selected high-tech<br>and motor vehicles and pts. |                  | 1.2                   | 2.6                   | 1.0                   | -.5                              | -.5   | 1.1   | .5   | 1.2               | 132.9                  | 133.4        | 133.5 | 133.7 | 133.8 | 134.0 | 134.1 |