

# FEDERAL RESERVE statistical release



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

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## **INDUSTRIAL PRODUCTION AND CAPACITY UTILIZATION**

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

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

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

| Item                                                            | NAICS       | 2014<br>IP<br>Proportion <sup>1</sup> | Index, 2012 = 100        |                   |                   |                   |                    |                   |                          |                   |                   |                   |                    |                   |
|-----------------------------------------------------------------|-------------|---------------------------------------|--------------------------|-------------------|-------------------|-------------------|--------------------|-------------------|--------------------------|-------------------|-------------------|-------------------|--------------------|-------------------|
|                                                                 |             |                                       | Seasonally adjusted      |                   |                   |                   |                    |                   | Not seasonally adjusted  |                   |                   |                   |                    |                   |
|                                                                 |             |                                       | 2015<br>May <sup>r</sup> | June <sup>r</sup> | July <sup>r</sup> | Aug. <sup>r</sup> | Sept. <sup>r</sup> | Oct. <sup>p</sup> | 2015<br>May <sup>r</sup> | June <sup>r</sup> | July <sup>r</sup> | Aug. <sup>r</sup> | Sept. <sup>r</sup> | Oct. <sup>p</sup> |
| <b>Oil and gas extraction</b>                                   | <b>211</b>  | 10.74                                 | 135.4                    | 136.4             | 136.7             | 136.4             | 134.1              | 132.1             | 135.2                    | 134.4             | 135.6             | 135.7             | 133.6              | 133.3             |
| Crude petroleum and natural gas extraction                      | 211111      | 10.34                                 | 135.7                    | 136.6             | 137.0             | 136.7             | 134.5              | 132.4             | 135.5                    | 134.7             | 135.9             | 135.9             | 133.8              | 133.5             |
| Crude oil                                                       | 211111pt.   | 8.06                                  | 144.4                    | 144.9             | 146.0             | 144.9             | 141.6              | 139.1             | 144.4                    | 142.7             | 144.3             | 143.6             | 140.6              | 140.4             |
| Natural gas                                                     | 211111pt.   | 2.28                                  | 114.3                    | 116.3             | 114.7             | 116.8             |                    |                   | 113.8                    | 115.4             | 115.6             | 117.8             |                    |                   |
| Natural gas liquid extraction                                   | 211112      | .40                                   | 127.5                    | 130.9             | 130.2             | 130.1             | 125.3              | 124.4             | 127.8                    | 128.2             | 129.2             | 131.0             | 129.3              | 128.1             |
| <b>Mining (except oil and gas)</b>                              | <b>212</b>  | 2.52                                  | 96.3                     | 94.7              | 98.7              | 101.0             | 97.0               | 97.9              | 98.8                     | 101.0             | 105.9             | 110.2             | 103.9              | 100.1             |
| Coal mining                                                     | 2121        | 1.03                                  | 85.6                     | 78.1              | 85.1              | 91.4              | 87.9               | 88.1              | 82.9                     | 78.3              | 84.4              | 95.5              | 89.2               | 86.3              |
| Metal ore mining                                                | 2122        | .65                                   | 95.7                     | 94.4              | 96.6              | 96.9              | 94.3               | 94.3              | 94.8                     | 95.6              | 95.6              | 96.9              | 97.7               | 93.5              |
| Iron ore mining                                                 | 21221       | .07                                   | 88.3                     | 75.7              | 74.6              |                   |                    |                   | 88.9                     | 75.9              | 75.5              |                   |                    |                   |
| Gold ore and silver ore mining                                  | 21222       | .21                                   | 84.8                     | 89.2              | 92.4              | 90.5              | 94.8               | 95.0              | 82.2                     | 93.1              | 93.2              | 93.8              | 98.6               | 93.6              |
| Copper, nickel, lead, and zinc mining                           | 21223       | .25                                   | 114.7                    | 113.9             | 118.0             | 115.7             | 111.4              | 109.6             | 112.1                    | 112.8             | 114.2             | 113.2             | 114.5              | 109.6             |
| Nonmetallic mineral mining and quarrying                        | 2123        | .84                                   | 112.1                    | 118.1             | 119.5             | 117.8             | 112.4              | 114.8             | 123.7                    | 136.5             | 143.5             | 140.8             | 129.0              | 124.4             |
| <b>Support activities for mining</b>                            | <b>213</b>  | 2.20                                  | 56.5                     | 55.7              | 55.8              | 55.8              | 53.8               | 50.5              | 56.7                     | 55.9              | 56.2              | 56.5              | 54.2               | 50.8              |
| Drilling oil and gas wells                                      | 213111      | .76                                   | 47.5                     | 45.6              | 46.2              | 46.9              | 45.1               | 42.8              | 47.7                     | 45.8              | 46.5              | 47.7              | 45.6               | 43.1              |
| <b>Electric power generation, transmission and distribution</b> | <b>2211</b> | 9.29                                  | 101.3                    | 102.0             | 100.4             | 102.1             | 103.9              | 100.7             | 94.1                     | 107.5             | 117.8             | 117.2             | 107.2              | 93.0              |
| Electric power generation                                       | 22111       | 3.68                                  | 101.7                    | 101.9             | 99.6              | 101.8             | 103.9              | 100.7             | 95.7                     | 108.8             | 114.5             | 113.2             | 105.2              | 91.5              |
| Hydroelectric power generation                                  | 221111      | .23                                   | 70.0                     | 72.7              | 77.5              | 86.5              |                    |                   | 86.2                     | 88.6              | 89.6              | 81.8              |                    |                   |
| Fossil fuel and other electric power generation                 | 221112,4-8  | 1.90                                  | 101.4                    | 103.0             | 99.8              | 101.7             |                    |                   | 92.7                     | 111.5             | 121.7             | 119.1             |                    |                   |
| Nuclear electric power generation                               | 221113      | 1.54                                  | 107.6                    | 105.5             | 103.4             | 104.7             |                    |                   | 101.0                    | 108.7             | 109.6             | 111.2             |                    |                   |
| Electric power transmission, control, and distribution          | 22112       | 5.62                                  | 101.1                    | 102.0             | 100.9             | 102.4             | 103.9              | 100.7             | 93.1                     | 106.6             | 120.1             | 119.8             | 108.5              | 93.9              |
| Commercial and other electricity sales                          | 22112pt.    | 2.39                                  | 104.4                    | 105.1             | 104.7             | 104.1             |                    |                   | 101.6                    | 110.9             | 120.0             | 119.6             |                    |                   |
| Industrial electricity sales                                    | 22112pt.    | .86                                   | 95.2                     | 98.5              | 96.8              | 97.3              |                    |                   | 97.8                     | 100.6             | 102.4             | 104.4             |                    |                   |
| Residential electricity sales                                   | 22112pt.    | 2.37                                  | 100.4                    | 100.7             | 99.2              | 103.0             |                    |                   | 82.9                     | 104.7             | 127.0             | 125.8             |                    |                   |
| <b>Natural gas distribution</b>                                 | <b>2212</b> | 1.34                                  | 108.4                    | 111.9             | 111.8             | 112.0             | 108.4              | 111.4             | 67.7                     | 59.0              | 59.6              | 59.1              | 56.1               | 75.8              |
| Commercial and other gas sales                                  | 2212pt.     | .26                                   | 107.6                    | 110.0             | 112.2             | 112.3             |                    |                   | 66.6                     | 55.9              | 55.3              | 56.9              |                    |                   |
| Industrial gas sales                                            | 2212pt.     | .12                                   | 103.8                    | 107.3             | 103.8             | 105.6             |                    |                   | 100.2                    | 108.4             | 120.4             | 119.7             |                    |                   |
| Residential gas sales                                           | 2212pt.     | .69                                   | 107.3                    | 110.5             | 110.4             | 110.5             |                    |                   | 51.8                     | 35.7              | 31.2              | 29.9              |                    |                   |
| Gas transmission                                                | 2212pt.     | .27                                   | 106.2                    | 110.9             | 110.4             | 110.3             |                    |                   | 88.3                     | 90.4              | 98.2              | 97.7              |                    |                   |
| <b>Food</b>                                                     | <b>311</b>  | 7.91                                  | 104.6                    | 104.4             | 105.0             | 106.1             | 106.6              | 106.2             | 102.5                    | 104.5             | 104.9             | 108.5             | 109.0              | 109.9             |
| Animal food                                                     | 3111        | .50                                   | 135.3                    | 133.3             | 135.5             | 138.7             | 139.8              | 137.0             | 132.9                    | 131.1             | 133.9             | 138.3             | 139.0              | 137.0             |
| Grain and oilseed milling                                       | 3112        | .72                                   | 102.1                    | 100.6             | 101.4             | 101.9             | 99.0               | 99.0              | 99.3                     | 99.6              | 98.7              | 97.9              | 95.3               | 102.8             |
| Sugar and confectionery product                                 | 3113        | .45                                   | 112.6                    | 114.6             | 114.2             | 122.5             | 115.7              | 119.2             | 98.9                     | 102.1             | 103.4             | 116.2             | 116.4              | 136.6             |
| Fruit and vegetable preserving and specialty food               | 3114        | .98                                   | 96.9                     | 99.4              | 94.7              | 96.3              | 97.6               | 93.9              | 89.7                     | 96.5              | 101.7             | 115.7             | 117.1              | 102.3             |
| Dairy product                                                   | 3115        | .95                                   | 103.4                    | 102.8             | 105.4             | 105.0             | 104.7              | 105.0             | 109.5                    | 108.4             | 105.0             | 100.9             | 98.5               | 99.2              |
| Dairy product (except frozen)                                   | 31151       | .87                                   | 103.9                    | 103.6             | 106.0             | 105.0             | 105.0              | 105.3             | 109.0                    | 106.8             | 103.8             | 99.3              | 98.1               | 99.9              |
| Fluid milk                                                      | 311511      | .36                                   | 100.5                    | 100.5             | 101.6             | 101.0             | 100.9              |                   | 104.5                    | 102.7             | 100.3             | 98.6              | 97.1               |                   |
| Creamery butter                                                 | 311512      | .01                                   | 99.4                     | 89.0              | 87.7              | 91.5              | 89.4               |                   | 101.7                    | 83.1              | 74.7              | 76.4              | 77.9               |                   |
| Cheese                                                          | 311513      | .27                                   | 104.3                    | 104.4             | 109.0             | 107.3             | 105.9              |                   | 104.7                    | 105.4             | 104.8             | 103.5             | 104.4              |                   |
| Dry, condensed, and evaporated dairy product                    | 311514      | .22                                   | 109.5                    | 108.7             | 110.8             | 109.6             | 111.7              |                   | 122.4                    | 116.2             | 109.1             | 94.6              | 91.2               |                   |
| Ice cream and frozen dessert                                    | 31152       | .09                                   | 99.3                     | 95.7              | 100.8             | 105.0             | 102.9              |                   | 112.1                    | 121.1             | 114.2             | 113.6             | 100.6              |                   |
| Animal slaughtering and processing                              | 3116        | 1.70                                  | 103.7                    | 101.5             | 103.3             | 103.9             | 105.4              | 104.9             | 101.6                    | 103.8             | 100.3             | 105.5             | 106.4              | 109.6             |
| Animal (except poultry) slaughtering and meat                   | 311611-3    | .94                                   | 97.7                     | 97.4              | 98.8              | 96.7              | 100.0              | 98.8              | 94.7                     | 97.8              | 94.6              | 97.0              | 101.0              | 104.5             |
| Beef                                                            | 311611-3pt. | .53                                   | 92.9                     | 87.9              | 91.2              | 89.4              | 96.0               |                   | 91.9                     | 93.6              | 92.0              | 92.5              | 97.7               |                   |
| Pork                                                            | 311611-3pt. | .40                                   | 104.9                    | 111.2             | 110.1             | 107.5             | 106.1              |                   | 99.0                     | 104.0             | 98.8              | 103.9             | 106.3              |                   |
| Miscellaneous meats                                             | 311611-3pt. | .01                                   | 85.3                     | 88.2              | 86.2              | 82.9              | 85.6               |                   | 84.8                     | 89.4              | 83.0              | 83.6              | 83.4               |                   |
| Poultry processing                                              | 311615      | .76                                   | 111.9                    | 107.4             | 109.5             | 113.8             | 112.8              |                   | 110.9                    | 112.0             | 108.1             | 116.9             | 113.8              |                   |
| Bakeries and tortilla                                           | 3118        | 1.11                                  | 107.6                    | 108.1             | 107.0             | 107.8             | 111.2              | 110.7             | 107.0                    | 107.8             | 106.5             | 108.7             | 112.5              | 113.6             |
| Other food                                                      | 3119        | 1.38                                  | 99.9                     | 100.5             | 102.6             | 103.0             | 104.2              | 104.8             | 100.3                    | 100.7             | 102.0             | 103.1             | 106.1              | 108.3             |
| Coffee and tea                                                  | 31192       | .13                                   | 97.2                     | 97.9              | 100.8             | 100.3             | 101.1              | 102.6             | 98.0                     | 98.4              | 99.8              | 100.2             | 102.9              | 105.2             |
| <b>Beverage and tobacco product</b>                             | <b>312</b>  | 2.54                                  | 98.3                     | 94.6              | 98.7              | 101.5             | 99.5               | 99.1              | 101.0                    | 105.2             | 93.8              | 104.2             | 101.6              | 101.5             |
| Beverage                                                        | 3121        | 1.61                                  | 101.4                    | 98.7              | 100.2             | 102.3             | 101.5              | 101.2             | 105.8                    | 108.4             | 99.4              | 103.7             | 103.3              | 99.9              |
| Soft drink and ice                                              | 31211       | .53                                   | 96.7                     | 94.8              | 93.4              | 95.7              | 96.8               | 94.7              | 98.8                     | 99.2              | 99.4              | 98.6              | 99.5               | 93.5              |
| Breweries                                                       | 31212       | .59                                   | 104.1                    | 97.4              | 97.7              | 105.6             |                    |                   | 111.0                    | 113.4             | 103.9             | 108.9             |                    |                   |
| Tobacco                                                         | 3122        | .93                                   | 93.1                     | 88.0              | 96.0              | 99.9              | 96.3               | 95.7              | 93.2                     | 99.9              | 84.8              | 104.7             | 98.7               | 103.7             |
| <b>Textile mills</b>                                            | <b>313</b>  | .37                                   | 108.3                    | 108.2             | 105.6             | 104.2             | 105.8              | 108.4             | 109.8                    | 110.0             | 104.8             | 106.2             | 105.3              | 108.6             |
| Fiber, yarn, and thread mills                                   | 3131        | .06                                   | 102.7                    | 104.8             | 99.3              |                   |                    |                   | 106.3                    | 106.1             | 100.3             |                   |                    |                   |
| Fabric mills                                                    | 3132        | .21                                   | 109.7                    | 108.3             | 106.4             | 103.6             | 106.3              | 109.4             | 110.3                    | 109.6             | 104.5             | 104.3             | 105.7              | 107.9             |
| Textile and fabric finishing and fabric coating                 | 3133        | .10                                   | 109.2                    | 110.5             | 108.1             | 107.9             | 109.2              | 111.5             | 111.0                    | 113.6             | 108.5             | 110.0             | 109.0              | 111.8             |
| <b>Textile product mills</b>                                    | <b>314</b>  | .30                                   | 107.2                    | 105.9             | 106.0             | 107.0             | 107.0              | 108.3             | 105.0                    | 110.4             | 110.1             | 110.1             | 107.3              | 113.3             |
| Textile furnishings mills                                       | 3141        | .14                                   | 102.1                    | 100.7             | 101.9             | 102.4             | 101.7              | 101.3             | 96.6                     | 106.4             | 107.8             | 105.8             | 102.2              | 108.3             |
| Carpet and rug mills                                            | 31411       | .09                                   | 100.7                    | 100.6             | 100.5             | 100.3             | 100.0              | 99.7              | 94.3                     | 109.5             | 111.0             | 105.8             | 101.3              | 112.7             |
| Other textile product mills                                     | 3149        | .15                                   | 112.4                    | 111.2             | 110.2             | 111.6             | 112.4              | 115.5             | 113.7                    | 114.5             | 112.5             | 114.6             | 112.5              | 118.5             |

<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      | 2014<br>IP<br>Proportion <sup>1</sup> | Index, 2012 = 100        |                   |                   |                   |                    |                   |                          |                   |                   |                   |                    |                   |
|--------------------------------------------------|------------|---------------------------------------|--------------------------|-------------------|-------------------|-------------------|--------------------|-------------------|--------------------------|-------------------|-------------------|-------------------|--------------------|-------------------|
|                                                  |            |                                       | Seasonally adjusted      |                   |                   |                   |                    |                   | Not seasonally adjusted  |                   |                   |                   |                    |                   |
|                                                  |            |                                       | 2015<br>May <sup>r</sup> | June <sup>r</sup> | July <sup>r</sup> | Aug. <sup>r</sup> | Sept. <sup>r</sup> | Oct. <sup>p</sup> | 2015<br>May <sup>r</sup> | June <sup>r</sup> | July <sup>r</sup> | Aug. <sup>r</sup> | Sept. <sup>r</sup> | Oct. <sup>p</sup> |
| <b>Apparel</b>                                   | <b>315</b> | .19                                   | 91.0                     | 91.4              | 93.0              | 93.7              | 92.8               | 90.9              | 91.1                     | 92.9              | 91.1              | 93.7              | 91.1               | 91.5              |
| <b>Leather and allied product</b>                | <b>316</b> | .07                                   | 101.9                    | 98.7              | 100.9             | 97.9              | 98.4               | 94.4              | 103.3                    | 100.6             | 99.0              | 97.7              | 95.7               | 94.5              |
| <b>Wood product</b>                              | <b>321</b> | 1.14                                  | 108.8                    | 108.9             | 111.2             | 111.5             | 109.9              | 112.0             | 111.5                    | 114.1             | 112.1             | 115.1             | 110.6              | 114.3             |
| Sawmills and wood preservation                   | 3211       | .32                                   | 105.3                    | 107.5             | 106.0             | 106.1             |                    |                   | 105.7                    | 109.6             | 104.8             | 108.0             |                    |                   |
| Plywood and misc. wood products                  | 3212,9     | .82                                   | 110.2                    | 109.4             | 113.2             | 113.6             | 112.1              | 113.9             | 113.7                    | 115.8             | 114.8             | 117.7             | 113.1              | 114.8             |
| Veneer, plywood, and engineered wood product     | 3212       | .25                                   | 112.2                    | 111.8             | 116.4             | 118.3             | 114.5              | 116.2             | 116.7                    | 119.6             | 113.4             | 121.2             | 118.6              | 113.3             |
| Veneer and plywood                               | 321211,2   | .09                                   | 103.1                    | 101.4             | 106.9             |                   |                    |                   | 108.2                    | 112.1             | 95.0              |                   |                    |                   |
| Reconstituted wood product                       | 321219     | .10                                   | 112.6                    | 114.1             | 114.5             | 121.1             | 119.5              | 120.7             | 116.3                    | 119.7             | 113.6             | 122.8             | 118.3              | 120.2             |
| Other wood product                               | 3219       | .57                                   | 109.4                    | 108.3             | 111.9             | 111.5             | 111.1              | 112.9             | 112.4                    | 114.2             | 115.5             | 116.2             | 110.6              | 115.6             |
| Millwork                                         | 32191      | .30                                   | 104.9                    | 105.8             | 106.9             | 106.9             | 107.0              | 109.0             | 106.6                    | 110.7             | 114.5             | 111.3             | 106.1              | 112.0             |
| Wood container and pallet                        | 32192      | .11                                   | 108.3                    | 106.6             | 109.1             | 111.1             | 112.2              | 110.8             | 109.3                    | 109.5             | 110.4             | 112.6             | 110.6              | 111.3             |
| All other wood product                           | 32199      | .16                                   | 118.4                    | 114.2             | 123.0             | 120.4             | 117.9              | 121.5             | 125.5                    | 124.3             | 121.0             | 128.2             | 119.2              | 125.4             |
| Manufactured home                                | 321991     | .05                                   | 126.9                    | 116.5             | 141.4             | 128.0             | 129.7              |                   | 134.7                    | 135.4             | 129.7             | 147.0             | 140.5              |                   |
| <b>Paper</b>                                     | <b>322</b> | 2.59                                  | 97.5                     | 96.3              | 96.0              | 95.6              | 96.4               | 96.5              | 97.1                     | 98.1              | 96.4              | 97.5              | 97.3               | 96.6              |
| Pulp, paper, and paperboard mills                | 3221       | 1.24                                  | 96.0                     | 94.4              | 94.6              | 94.4              | 95.0               | 95.0              | 95.4                     | 95.6              | 95.8              | 95.8              | 95.4               | 93.4              |
| Pulp mills                                       | 32211      | .09                                   | 106.9                    | 105.9             | 107.1             | 107.4             | 107.1              |                   | 104.6                    | 107.3             | 110.0             | 109.8             | 108.0              |                   |
| Paper mills                                      | 32212      | .68                                   | 95.7                     | 92.8              | 92.7              | 92.1              | 93.8               | 93.3              | 94.7                     | 93.1              | 93.5              | 92.7              | 94.1               | 91.8              |
| Paper (except newsprint) mills                   | 322121     | .65                                   | 97.4                     | 94.4              | 94.3              | 93.6              | 95.3               |                   | 96.3                     | 94.8              | 95.2              | 94.1              | 95.6               |                   |
| Paperboard mills                                 | 32213      | .47                                   | 94.3                     | 94.5              | 95.0              | 95.2              | 94.4               |                   | 94.7                     | 96.9              | 96.5              | 97.6              | 94.9               |                   |
| Converted paper product                          | 3222       | 1.36                                  | 99.0                     | 98.1              | 97.3              | 96.8              | 97.8               | 98.0              | 98.7                     | 100.5             | 96.9              | 99.1              | 99.1               | 99.6              |
| Paperboard container                             | 32221      | .76                                   | 102.3                    | 102.6             | 103.2             |                   |                    |                   | 102.7                    | 106.5             | 101.8             |                   |                    |                   |
| Paper bag and coated and treated paper           | 32222      | .26                                   | 89.2                     | 85.8              | 80.8              | 81.0              | 85.4               | 86.6              | 87.7                     | 87.5              | 81.5              | 81.9              | 87.6               | 85.4              |
| Other converted paper products                   | 32223,9    | .33                                   | 100.5                    | 98.8              | 98.8              | 97.3              | 99.1               | 98.8              | 99.6                     | 98.5              | 99.4              | 98.0              | 98.3               | 97.7              |
| <b>Printing and related support activities</b>   | <b>323</b> | 1.43                                  | 102.2                    | 102.6             | 103.1             | 104.2             | 103.9              | 103.8             | 102.4                    | 102.8             | 102.7             | 105.1             | 104.4              | 104.7             |
| <b>Petroleum and coal products</b>               | <b>324</b> | 3.25                                  | 109.0                    | 107.6             | 109.1             | 109.1             | 108.1              | 109.6             | 111.1                    | 112.3             | 114.9             | 115.0             | 110.6              | 109.8             |
| Petroleum refineries                             | 32411      | 2.83                                  | 109.9                    | 108.7             | 110.6             | 110.6             | 110.0              | 110.4             | 111.9                    | 112.2             | 114.9             | 114.7             | 110.2              | 108.6             |
| Aviation fuel and kerosene                       | 32411pt.   | .26                                   | 114.2                    | 110.5             | 109.3             | 105.6             |                    |                   | 112.7                    | 114.5             | 116.7             | 112.7             |                    |                   |
| Distillate fuel oil                              | 32411pt.   | .73                                   | 111.2                    | 112.5             | 111.6             | 112.5             |                    |                   | 112.4                    | 113.6             | 115.3             | 115.8             |                    |                   |
| Automotive gasoline                              | 32411pt.   | 1.44                                  | 111.5                    | 110.9             | 113.9             | 113.2             |                    |                   | 113.0                    | 114.1             | 115.9             | 115.4             |                    |                   |
| Residual fuel oil                                | 32411pt.   | .07                                   | 86.9                     | 82.1              | 87.7              | 83.7              |                    |                   | 89.2                     | 84.8              | 87.4              | 82.9              |                    |                   |
| Other refinery output                            | 32411pt.   | .33                                   | 103.4                    | 96.9              | 101.2             | 106.5             | 105.0              | 104.8             | 111.7                    | 106.4             | 115.9             | 119.6             | 109.3              | 94.8              |
| Paving, roofing, and other petroleum and coal    | 32412,9    | .42                                   | 99.9                     | 98.2              | 98.0              | 97.4              | 95.1               | 100.9             | 101.8                    | 107.6             | 109.4             | 110.6             | 106.6              | 109.5             |
| <b>Chemicals</b>                                 | <b>325</b> | 11.33                                 | 102.4                    | 103.7             | 104.0             | 102.8             | 103.6              | 104.6             | 102.7                    | 103.6             | 103.8             | 103.0             | 104.1              | 104.3             |
| Basic chemical                                   | 3251       | 2.85                                  | 104.2                    | 105.4             | 106.0             | 104.3             | 105.1              | 105.5             | 103.3                    | 105.6             | 106.4             | 105.3             | 107.1              | 105.9             |
| Organic chemicals                                | 32511,9    | 1.89                                  | 107.2                    | 108.0             | 107.6             | 105.5             | 107.9              | 106.4             | 106.3                    | 107.9             | 108.2             | 107.0             | 109.5              | 107.4             |
| Basic inorganic chemicals                        | 32512-8    | .95                                   | 97.4                     | 99.2              | 101.4             | 100.2             | 98.7               | 102.0             | 96.8                     | 99.9              | 101.6             | 100.6             | 101.3              | 101.4             |
| Industrial gas                                   | 32512      | .12                                   | 94.8                     | 95.7              | 97.0              | 96.2              | 95.3               | 97.7              | 93.9                     | 96.5              | 97.6              | 95.0              | 97.0               | 98.0              |
| Synthetic dye and pigment                        | 32513      | .15                                   | 113.6                    | 115.8             | 118.2             | 117.0             | 114.6              | 118.7             | 112.3                    | 116.2             | 116.6             | 119.0             | 120.2              | 120.0             |
| Other basic inorganic chemical                   | 32518      | .68                                   | 94.0                     | 95.8              | 98.1              | 96.9              | 95.4               | 98.7              | 93.5                     | 96.6              | 98.6              | 97.3              | 97.7               | 97.7              |
| Alkalies and chlorine                            | 32518pt.   | .13                                   | 81.1                     | 85.3              | 88.6              | 87.6              | 87.1               |                   | 83.1                     | 86.5              | 90.1              | 88.9              | 84.0               |                   |
| Resin, synthetic rubber, and synthetic fibers    | 3252       | .95                                   | 101.2                    | 101.8             | 102.5             | 99.2              | 100.4              | 100.4             | 101.0                    | 101.7             | 104.0             | 100.4             | 101.2              | 99.9              |
| Resin and synthetic rubber                       | 32521      | .86                                   | 101.5                    | 101.5             | 102.7             | 98.7              | 99.4               | 99.9              | 101.3                    | 101.5             | 103.9             | 100.1             | 100.3              | 99.1              |
| Plastics material and resin                      | 325211     | .79                                   | 100.9                    | 100.6             | 102.0             | 97.7              | 98.7               |                   | 100.6                    | 100.5             | 103.3             | 99.2              | 99.2               |                   |
| Synthetic rubber                                 | 325212     | .07                                   | 108.7                    | 112.2             | 111.6             | 110.7             | 108.0              | 112.7             | 109.3                    | 112.5             | 110.6             | 110.6             | 114.9              | 112.5             |
| Artificial and synthetic fibers and filaments    | 32522      | .09                                   | 98.2                     | 104.6             | 100.2             | 103.3             | 109.3              |                   | 98.8                     | 104.1             | 105.2             | 103.4             | 109.0              |                   |
| Pesticide, fertilizer, and other agricultural    | 3253       | .59                                   | 113.8                    | 111.0             | 113.2             | 111.5             | 108.6              | 110.5             | 113.3                    | 107.3             | 112.9             | 110.3             | 109.1              | 107.4             |
| Pharmaceutical and medicine                      | 3254       | 4.26                                  | 96.1                     | 98.3              | 98.5              | 98.2              | 98.8               | 99.0              | 97.5                     | 97.3              | 96.9              | 97.2              | 99.2               | 99.4              |
| Paints, soaps and toiletries, and other chemical | 3255-9     | 2.68                                  | 108.6                    | 109.5             | 109.1             | 107.5             | 109.3              | 112.3             | 108.4                    | 111.2             | 110.0             | 109.2             | 108.5              | 110.8             |
| Paints and other chemical products               | 3255,9     | 1.18                                  | 108.5                    | 107.4             | 107.5             | 104.1             | 104.7              | 107.8             | 108.8                    | 108.5             | 107.1             | 105.4             | 104.9              | 107.1             |
| Paint, coating, and adhesive                     | 3255       | .51                                   | 107.8                    | 108.3             | 111.8             | 107.4             | 106.4              | 109.3             | 109.9                    | 109.9             | 110.1             | 108.7             | 105.2              | 109.0             |
| Paint and coating                                | 32551      | .36                                   | 111.6                    | 113.5             | 117.4             | 113.5             | 111.9              | 114.6             | 114.4                    | 115.4             | 115.2             | 114.7             | 110.5              | 113.8             |
| Soaps and toiletries                             | 3256       | 1.50                                  | 108.7                    | 111.0             | 110.4             | 110.2             | 112.8              | 115.7             | 108.1                    | 113.1             | 112.2             | 112.1             | 111.3              | 113.6             |
| <b>Plastics and rubber products</b>              | <b>326</b> | 3.27                                  | 114.0                    | 113.4             | 114.7             | 116.2             | 115.5              | 115.5             | 115.1                    | 115.5             | 112.8             | 117.0             | 115.3              | 115.9             |
| Plastics product                                 | 3261       | 2.73                                  | 114.2                    | 114.4             | 115.8             | 116.5             | 116.5              | 116.3             | 115.4                    | 116.2             | 114.9             | 117.2             | 116.2              | 116.2             |
| Rubber product                                   | 3262       | .54                                   | 113.3                    | 109.1             | 109.3             | 114.7             | 110.9              | 112.2             | 113.7                    | 112.4             | 102.9             | 115.9             | 111.0              | 114.6             |
| Tire                                             | 32621      | .21                                   | 104.9                    | 96.0              | 97.1              | 107.1             | 101.5              | 102.5             | 106.4                    | 101.1             | 87.3              | 109.9             | 102.9              | 106.3             |
| Rubber products ex. tires                        | 32622,9    | .33                                   | 119.4                    | 118.6             | 118.1             | 120.2             | 117.6              | 119.2             | 119.1                    | 120.6             | 114.1             | 120.4             | 116.9              | 120.6             |

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

| Item                                                                           | NAICS       | 2014<br>IP<br>Proportion <sup>1</sup> | Index, 2012 = 100        |                   |                   |                   |                    |                   |                          |                   |                   |                   |                    |                   |
|--------------------------------------------------------------------------------|-------------|---------------------------------------|--------------------------|-------------------|-------------------|-------------------|--------------------|-------------------|--------------------------|-------------------|-------------------|-------------------|--------------------|-------------------|
|                                                                                |             |                                       | Seasonally adjusted      |                   |                   |                   |                    |                   | Not seasonally adjusted  |                   |                   |                   |                    |                   |
|                                                                                |             |                                       | 2015<br>May <sup>r</sup> | June <sup>r</sup> | July <sup>r</sup> | Aug. <sup>r</sup> | Sept. <sup>r</sup> | Oct. <sup>p</sup> | 2015<br>May <sup>r</sup> | June <sup>r</sup> | July <sup>r</sup> | Aug. <sup>r</sup> | Sept. <sup>r</sup> | Oct. <sup>p</sup> |
| <b>Nonmetallic mineral product</b>                                             | <b>327</b>  | 1.83                                  | 110.9                    | 111.2             | 111.7             | 113.0             | 111.7              | 114.1             | 113.6                    | 117.3             | 117.0             | 120.2             | 117.8              | 120.5             |
| Clay, lime, gypsum, and misc. nonmetallic mineral                              | 3271,4,9    | .69                                   | 113.2                    | 111.7             | 111.3             | 113.1             | 110.5              | 113.8             | 114.6                    | 115.5             | 113.1             | 116.4             | 115.4              | 117.3             |
| Clay and misc. nonmetallic mineral products                                    | 3271.9      | .57                                   | 112.3                    | 110.6             | 110.6             | 112.8             | 109.8              | 113.4             | 114.3                    | 115.0             | 113.0             | 116.2             | 114.0              | 115.0             |
| Clay product and refractory                                                    | 3271        | .14                                   | 105.2                    | 105.6             | 105.4             | 106.7             | 103.0              | 104.3             | 109.2                    | 112.7             | 110.5             | 111.1             | 107.5              | 107.2             |
| Pottery, ceramics, and plumbing fixture                                        | 32711       | .05                                   | 105.5                    | 105.5             | 105.7             | 107.5             | 102.3              | 103.7             | 108.3                    | 109.0             | 107.7             | 111.2             | 103.7              | 104.7             |
| Clay building material and refractories                                        | 32712       | .09                                   | 105.0                    | 105.7             | 105.3             | 106.4             | 103.4              | 104.7             | 109.6                    | 114.6             | 111.9             | 111.1             | 109.5              | 108.5             |
| Other nonmetallic mineral product                                              | 3279        | .43                                   | 114.7                    | 112.2             | 112.3             | 114.8             | 112.1              | 116.5             | 116.0                    | 115.7             | 113.8             | 117.9             | 116.1              | 117.7             |
| Lime and gypsum product                                                        | 3274        | .12                                   | 117.5                    | 117.1             | 115.0             | 114.7             | 113.5              | 115.8             | 115.6                    | 117.6             | 113.6             | 117.5             | 122.0              | 128.4             |
| Glass and glass product                                                        | 3272        | .41                                   | 107.7                    | 109.2             | 110.3             | 109.9             | 113.0              | 111.1             | 109.2                    | 111.4             | 110.1             | 112.6             | 115.2              | 114.7             |
| Glass container                                                                | 327213      | .10                                   | 96.4                     | 96.2              | 95.8              | 95.4              | 95.8               |                   | 99.3                     | 99.5              | 97.8              | 98.8              | 95.7               |                   |
| Cement and concrete product                                                    | 3273        | .73                                   | 110.7                    | 112.0             | 112.8             | 114.8             | 112.0              | 116.1             | 115.4                    | 122.3             | 124.7             | 128.0             | 121.6              | 126.8             |
| Cement                                                                         | 32731       | .12                                   | 112.8                    | 116.0             | 120.5             |                   |                    |                   | 122.5                    | 137.0             | 136.9             |                   |                    |                   |
| Concrete and product                                                           | 32732-9     | .61                                   | 110.1                    | 111.1             | 111.2             | 113.4             | 110.1              | 114.5             | 114.1                    | 119.7             | 122.5             | 124.8             | 118.1              | 123.2             |
| <b>Primary metals</b>                                                          | <b>331</b>  | 2.55                                  | 98.9                     | 102.7             | 102.4             | 99.8              | 98.5               | 100.1             | 99.8                     | 103.7             | 101.5             | 100.1             | 98.7               | 99.0              |
| Iron and steel products                                                        | 3311,2      | 1.19                                  | 91.1                     | 99.3              | 98.0              | 93.5              | 93.0               | 95.4              | 92.2                     | 99.9              | 97.3              | 95.4              | 93.1               | 92.9              |
| Pig iron                                                                       | 3311.2pt.   | .09                                   | 81.8                     | 91.7              | 95.2              | 87.6              | 82.6               |                   | 82.6                     | 91.6              | 93.5              | 88.5              | 82.1               |                   |
| Raw steel                                                                      | 3311.2pt.   | .07                                   | 91.7                     | 96.5              | 97.3              | 94.1              | 92.5               |                   | 93.1                     | 97.0              | 96.6              | 94.9              | 91.6               |                   |
| Coke and products                                                              | 3311.2pt.   | .02                                   | 98.0                     | 97.7              | 97.4              | 97.1              | 96.8               | 96.5              | 101.9                    | 99.2              | 97.7              | 95.3              | 94.4               | 95.2              |
| Construction steel                                                             | 3311.2pt.   | .16                                   | 107.2                    | 115.7             | 102.5             | 100.4             | 113.2              |                   | 107.1                    | 115.2             | 105.7             | 110.6             | 111.8              |                   |
| Consumer durable steel                                                         | 3311.2pt.   | .19                                   | 107.5                    | 115.9             | 113.7             | 111.7             | 112.1              |                   | 110.6                    | 115.6             | 107.4             | 112.4             | 112.5              |                   |
| Can and closure steel                                                          | 3311.2pt.   | .02                                   | 77.2                     | 61.4              | 66.2              | 51.9              | 55.9               |                   | 77.9                     | 67.3              | 69.3              | 57.7              | 55.8               |                   |
| Equipment steel                                                                | 3311.2pt.   | .09                                   | 76.1                     | 87.1              | 87.1              | 68.8              | 69.9               |                   | 78.3                     | 89.1              | 85.5              | 67.2              | 68.6               |                   |
| Miscellaneous steel                                                            | 3311.2pt.   | .54                                   | 86.1                     | 95.1              | 95.6              | 92.6              | 88.8               |                   | 86.5                     | 96.1              | 95.9              | 93.5              | 89.7               |                   |
| Nonferrous metals                                                              | 3313,4      | .81                                   | 105.8                    | 107.1             | 106.5             | 104.9             | 103.0              | 104.0             | 106.7                    | 107.7             | 106.2             | 104.1             | 104.9              | 104.1             |
| Alumina and aluminum production and processing                                 | 3313        | .34                                   | 109.6                    | 108.4             | 111.3             | 106.7             | 105.4              | 104.7             | 112.3                    | 114.8             | 111.5             | 108.6             | 110.3              | 104.5             |
| Primary aluminum production                                                    | 331313pt.   | .04                                   | 86.8                     | 84.5              | 82.3              | 84.8              | 82.3               | 81.3              | 87.5                     | 85.2              | 82.9              | 83.6              | 82.2               | 79.5              |
| Secondary smelting and alloying of aluminum                                    | 331314      | .03                                   | 111.7                    | 104.1             | 108.1             | 111.7             |                    |                   | 110.1                    | 110.0             | 106.4             | 110.5             |                    |                   |
| Misc. aluminum materials                                                       | 331315.8pt. | .14                                   | 110.4                    | 109.6             | 112.0             | 107.0             | 105.3              |                   | 112.6                    | 117.3             | 113.4             | 108.6             | 111.5              |                   |
| Aluminum extruded product                                                      | 331318pt.   | .11                                   | 121.6                    | 122.2             | 128.1             | 117.4             | 117.7              |                   | 126.8                    | 129.7             | 126.8             | 122.0             | 124.3              |                   |
| Nonferrous metal (except aluminum) production and processing                   | 3314        | .47                                   | 103.5                    | 106.6             | 103.5             | 104.1             | 101.7              | 104.0             | 103.1                    | 103.2             | 102.8             | 101.4             | 101.5              | 104.3             |
| Nonferrous metal (except aluminum) smelting and refining                       | 33141       | .18                                   | 113.6                    | 122.9             | 115.0             | 116.3             | 113.2              | 115.2             | 111.1                    | 109.6             | 111.6             | 110.6             | 110.9              | 120.5             |
| Primary smelting and refining of copper                                        | 33141pt.    | .09                                   | 122.7                    | 139.1             | 124.6             | 126.8             | 119.0              | 123.0             | 116.3                    | 126.0             | 130.0             | 131.3             | 121.1              | 134.5             |
| Primary smelting and refining of nonferrous                                    | 33141pt.    | .09                                   | 104.1                    | 107.2             | 104.9             |                   |                    |                   | 105.0                    | 94.1              | 94.4              |                   |                    |                   |
| Foundries                                                                      | 3315        | .56                                   | 105.2                    | 104.1             | 106.1             | 105.8             | 103.9              | 104.5             | 106.4                    | 106.1             | 104.1             | 104.5             | 102.1              | 104.4             |
| <b>Fabricated metal product</b>                                                | <b>332</b>  | 5.48                                  | 104.9                    | 104.8             | 104.9             | 103.3             | 103.5              | 103.1             | 105.2                    | 106.1             | 105.1             | 104.2             | 102.3              | 103.1             |
| Forging and stamping                                                           | 3321        | .46                                   | 114.3                    | 115.6             | 117.1             | 113.6             | 115.0              | 113.1             | 114.4                    | 117.2             | 114.6             | 113.6             | 112.7              | 112.9             |
| Cutlery and handtool                                                           | 3322        | .17                                   | 89.5                     | 90.7              | 89.1              | 89.6              | 91.4               | 90.6              | 90.5                     | 91.7              | 88.8              | 88.5              | 89.3               | 90.0              |
| Architectural and structural metals                                            | 3323        | 1.15                                  | 108.9                    | 107.7             | 107.2             | 105.9             | 104.9              | 106.0             | 108.6                    | 109.6             | 109.3             | 108.8             | 105.5              | 107.1             |
| Hardware                                                                       | 3325        | .12                                   | 109.7                    | 106.0             | 108.9             | 103.0             | 108.5              | 111.5             | 110.6                    | 107.9             | 108.7             | 104.6             | 106.3              | 109.9             |
| Spring and wire product                                                        | 3326        | .14                                   | 116.3                    | 117.7             | 116.4             | 114.8             | 115.6              | 116.6             | 116.2                    | 117.0             | 114.6             | 114.7             | 112.8              | 116.8             |
| Machine shops; turned product; and screw, nut, and bolt                        | 3327        | 1.27                                  | 103.0                    | 103.1             | 101.7             | 99.4              | 99.0               | 97.9              | 103.0                    | 103.4             | 100.6             | 99.7              | 96.4               | 97.7              |
| Coating, engraving, heat treating, and allied                                  | 3328        | .49                                   | 105.6                    | 106.4             | 107.7             | 106.3             | 107.2              | 105.6             | 106.0                    | 106.9             | 107.1             | 106.9             | 106.1              | 107.5             |
| Other fabricated metal product                                                 | 3329        | 1.26                                  | 100.8                    | 100.7             | 101.7             | 100.5             | 101.1              | 100.9             | 101.1                    | 101.9             | 102.1             | 100.3             | 99.0               | 99.8              |
| Ball and roller bearing                                                        | 332991      | .11                                   | 94.2                     | 94.2              | 94.0              | 94.0              | 93.9               | 93.8              | 94.0                     | 96.6              | 94.3              | 93.0              | 90.4               | 88.2              |
| <b>Machinery</b>                                                               | <b>333</b>  | 5.91                                  | 100.5                    | 99.5              | 98.8              | 100.9             | 101.1              | 101.4             | 102.7                    | 103.8             | 94.9              | 99.9              | 98.3               | 99.4              |
| Agriculture, construction, and mining machinery                                | 3331        | 1.57                                  | 90.0                     | 90.0              | 87.7              | 87.2              | 86.5               | 88.8              | 92.1                     | 93.7              | 81.8              | 89.6              | 84.6               | 86.5              |
| Agricultural implement                                                         | 33311       | .60                                   | 92.4                     | 94.4              | 83.9              | 92.3              | 99.5               | 101.1             | 96.7                     | 98.0              | 83.7              | 100.1             | 94.9               | 87.5              |
| Farm machinery and equipment                                                   | 333111      | .51                                   | 88.1                     | 90.5              | 79.1              | 90.3              | 97.2               | 99.3              | 92.6                     | 95.2              | 81.0              | 100.4             | 93.4               | 84.3              |
| Construction machinery                                                         | 33312       | .53                                   | 88.5                     | 89.6              | 93.7              | 87.1              | 81.5               | 85.8              | 91.3                     | 96.0              | 79.3              | 86.6              | 80.9               | 92.2              |
| Mining and oil and gas field machinery                                         | 33313       | .44                                   | 88.4                     | 84.0              | 83.1              | 79.8              | 75.9               | 76.1              | 86.2                     | 84.1              | 82.4              | 79.5              | 75.7               | 75.8              |
| Industrial machinery                                                           | 3332        | .54                                   | 111.0                    | 110.2             | 113.2             | 116.7             | 119.2              | 120.1             | 115.8                    | 114.3             | 114.2             | 115.1             | 114.6              | 115.2             |
| Commercial and service industry machinery and other                            | 3333,9      | 1.95                                  | 103.1                    | 103.5             | 101.4             | 105.7             | 106.4              | 105.3             | 102.6                    | 104.4             | 101.7             | 105.3             | 104.2              | 105.4             |
| HVAC, metalworking, and power transmission machinery                           | 3334-6      | 1.84                                  | 104.6                    | 101.3             | 102.5             | 104.3             | 104.3              | 103.9             | 109.1                    | 109.7             | 94.7              | 99.6              | 100.7              | 101.0             |
| Ventilation, heating, air-conditioning, and commercial refrigeration equipment | 3334        | .62                                   | 103.5                    | 96.3              | 102.1             | 109.3             | 107.9              | 105.6             | 112.0                    | 111.7             | 93.6              | 95.8              | 101.1              | 96.8              |
| Metalworking machinery                                                         | 3335        | .55                                   | 105.6                    | 106.6             | 104.8             | 104.4             | 102.9              | 103.5             | 104.7                    | 107.4             | 103.9             | 103.6             | 100.4              | 103.5             |
| Engine, turbine, and power transmission equipment                              | 3336        | .67                                   | 104.8                    | 101.5             | 100.9             | 99.8              | 102.0              | 102.6             | 109.8                    | 109.4             | 88.6              | 99.7              | 100.5              | 102.6             |

<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       | 2014<br>IP<br>Proportion <sup>1</sup> | Index, 2012 = 100        |                   |                   |                   |                    |                   |                          |                   |                   |                   |                    |                   |
|--------------------------------------------------------------|-------------|---------------------------------------|--------------------------|-------------------|-------------------|-------------------|--------------------|-------------------|--------------------------|-------------------|-------------------|-------------------|--------------------|-------------------|
|                                                              |             |                                       | Seasonally adjusted      |                   |                   |                   |                    |                   | Not seasonally adjusted  |                   |                   |                   |                    |                   |
|                                                              |             |                                       | 2015<br>May <sup>r</sup> | June <sup>r</sup> | July <sup>r</sup> | Aug. <sup>r</sup> | Sept. <sup>r</sup> | Oct. <sup>p</sup> | 2015<br>May <sup>r</sup> | June <sup>r</sup> | July <sup>r</sup> | Aug. <sup>r</sup> | Sept. <sup>r</sup> | Oct. <sup>p</sup> |
| <b>Computer and electronic product</b>                       | <b>334</b>  | 5.70                                  | 103.3                    | 104.4             | 104.2             | 104.7             | 104.6              | 104.8             | 102.1                    | 107.6             | 102.7             | 103.9             | 107.9              | 105.1             |
| Computer and peripheral equipment                            | 3341        | .39                                   | 118.0                    | 118.4             | 121.0             | 119.0             | 116.7              | 116.4             | 119.2                    | 119.8             | 118.7             | 117.2             | 117.1              | 119.8             |
| Communications equipment                                     | 3342        | .56                                   | 107.5                    | 107.1             | 104.1             | 102.1             | 101.4              | 101.7             | 109.6                    | 110.5             | 104.6             | 102.5             | 102.2              | 107.9             |
| Audio and video equipment                                    | 3343        | .06                                   | 112.6                    | 116.4             | 117.8             | 117.8             | 128.6              | 129.9             | 116.7                    | 121.5             | 112.9             | 119.5             | 123.1              | 124.0             |
| Semiconductor and other electronic component                 | 3344        | 1.92                                  | 103.3                    | 103.7             | 104.1             | 104.8             | 106.1              | 107.2             | 99.4                     | 111.9             | 101.3             | 103.6             | 118.1              | 105.7             |
| Navigational, measuring, electromedical and control          | 3345        | 2.73                                  | 100.1                    | 101.9             | 101.4             | 102.5             | 101.6              | 101.1             | 99.6                     | 101.9             | 100.6             | 101.9             | 100.3              | 101.3             |
| <b>Electrical equipment, appliance, and component</b>        | <b>335</b>  | 1.78                                  | 105.0                    | 105.9             | 106.0             | 107.3             | 105.6              | 107.5             | 105.6                    | 106.6             | 103.0             | 107.2             | 105.0              | 108.8             |
| Household appliance                                          | 3352        | .28                                   | 111.9                    | 112.1             | 116.9             | 114.9             | 109.6              | 112.9             | 118.5                    | 112.3             | 106.0             | 113.9             | 107.7              | 119.8             |
| Small electrical appliance                                   | 33521       | .05                                   | 112.3                    | 116.2             | 115.7             | 113.2             | 112.2              | 116.5             | 115.5                    | 117.0             | 118.1             | 109.3             | 105.0              | 113.3             |
| Major appliance                                              | 33522       | .24                                   | 111.9                    | 111.2             | 117.2             | 115.2             | 109.1              | 112.2             | 119.1                    | 111.4             | 103.6             | 114.8             | 108.2              | 121.1             |
| Electrical equipment except appliances                       | 3351,3-9    | 1.50                                  | 103.7                    | 104.8             | 104.0             | 105.9             | 104.9              | 106.5             | 103.3                    | 105.5             | 102.4             | 106.0             | 104.6              | 106.8             |
| Electric lighting equipment                                  | 3351        | .19                                   | 96.0                     | 95.5              | 95.2              | 94.8              | 94.7               | 94.8              | 95.9                     | 96.9              | 93.0              | 94.8              | 95.7               | 93.8              |
| Electrical equipment                                         | 3353        | .56                                   | 103.0                    | 103.4             | 102.8             | 106.0             | 104.8              | 105.5             | 102.2                    | 104.1             | 101.9             | 106.2             | 104.2              | 106.9             |
| Other electrical equipment and component                     | 3359        | .75                                   | 106.3                    | 108.2             | 107.2             | 108.7             | 107.6              | 110.3             | 106.1                    | 108.8             | 105.3             | 108.7             | 107.2              | 110.0             |
| Battery                                                      | 33591       | .15                                   | 97.6                     | 98.5              | 95.9              | 97.6              | 98.5               | 100.7             | 94.5                     | 97.7              | 91.2              | 96.6              | 101.1              | 100.9             |
| Communication and energy wire and cable                      | 33592       | .16                                   | 101.0                    | 104.0             | 103.9             | 104.8             | 103.2              | 105.8             | 102.1                    | 105.7             | 100.3             | 104.0             | 101.7              | 102.6             |
| Other electrical equipment                                   | 33593,9     | .44                                   | 111.6                    | 113.5             | 112.7             | 114.4             | 112.8              | 115.7             | 111.9                    | 114.2             | 112.4             | 115.1             | 111.5              | 116.1             |
| <b>Transportation equipment</b>                              | <b>336</b>  | 9.54                                  | 117.7                    | 114.4             | 121.0             | 117.9             | 117.7              | 118.0             | 118.7                    | 118.8             | 106.6             | 120.1             | 119.3              | 122.9             |
| Motor vehicle                                                | 3361        | 2.41                                  | 132.3                    | 124.3             | 144.3             | 132.9             | 131.9              | 133.3             | 136.5                    | 134.1             | 110.5             | 139.3             | 136.6              | 144.7             |
| Automobile and light duty motor vehicle                      | 33611       | 2.20                                  | 132.1                    | 124.1             | 146.1             | 132.6             | 131.6              | 133.4             | 136.5                    | 133.7             | 110.4             | 140.1             | 136.2              | 144.9             |
| Automobile                                                   | 336111      | .75                                   | 122.0                    | 108.6             | 126.7             | 111.6             | 109.2              | 110.9             | 123.2                    | 117.5             | 93.5              | 119.2             | 113.6              | 123.1             |
| Light truck and utility vehicle                              | 336112      | 1.45                                  | 137.9                    | 133.2             | 157.4             | 144.9             | 144.7              | 146.6             | 144.1                    | 143.1             | 120.3             | 152.2             | 149.4              | 157.6             |
| Heavy duty truck                                             | 33612       | .21                                   | 131.3                    | 123.6             | 124.8             | 133.0             | 131.7              | 129.4             | 133.4                    | 135.0             | 108.4             | 129.1             | 137.6              | 140.5             |
| Motor vehicle body and trailer                               | 3362        | .39                                   | 126.9                    | 120.3             | 122.2             | 130.0             | 134.6              | 131.8             | 135.1                    | 134.1             | 120.3             | 129.7             | 127.9              | 129.4             |
| Truck trailer                                                | 336212      | .09                                   | 134.1                    | 126.9             | 130.8             | 138.2             | 132.2              | 134.9             | 135.5                    | 145.5             | 130.1             | 144.0             | 141.9              | 134.8             |
| Motor home                                                   | 336213      | .03                                   | 159.2                    | 150.0             | 154.2             | 169.0             | 170.0              |                   | 174.9                    | 156.5             | 128.6             | 168.5             | 171.4              |                   |
| Travel trailer and camper                                    | 336214      | .12                                   | 107.7                    | 99.9              | 99.9              | 108.6             | 121.8              | 112.6             | 129.4                    | 123.9             | 93.3              | 100.2             | 99.3               | 109.7             |
| Motor vehicle parts                                          | 3363        | 2.32                                  | 126.7                    | 123.2             | 131.4             | 126.3             | 128.0              | 129.0             | 126.1                    | 129.1             | 107.3             | 131.8             | 132.1              | 139.0             |
| Aerospace product and parts                                  | 3364        | 3.36                                  | 103.5                    | 103.1             | 102.9             | 103.8             | 102.9              | 102.8             | 102.4                    | 103.2             | 102.0             | 103.3             | 102.5              | 102.4             |
| Aircraft and parts                                           | 336411-3    | 2.94                                  | 104.6                    | 104.1             | 103.8             | 104.5             | 103.7              | 103.4             | 103.5                    | 104.1             | 102.9             | 104.0             | 103.3              | 103.0             |
| Railroad eq., ships and boats, and other                     | 3365-9      | 1.06                                  | 114.3                    | 111.9             | 112.7             | 113.0             | 111.8              | 110.8             | 116.0                    | 113.8             | 107.6             | 110.1             | 110.9              | 112.6             |
| Railroad rolling stock                                       | 3365        | .20                                   | 134.6                    | 130.0             | 133.0             | 129.1             | 129.3              | 122.3             | 134.2                    | 131.9             | 124.9             | 129.0             | 130.1              | 128.2             |
| Ship and boat building                                       | 3366        | .63                                   | 106.6                    | 106.4             | 106.9             | 108.0             | 106.6              | 108.5             | 111.6                    | 109.0             | 100.4             | 103.6             | 105.3              | 108.8             |
| Other transportation equipment                               | 3369        | .23                                   | 118.0                    | 111.7             | 111.7             | 113.0             | 111.2              | 107.4             | 113.2                    | 112.0             | 112.7             | 112.4             | 110.8              | 110.2             |
| <b>Furniture and related product</b>                         | <b>337</b>  | 1.15                                  | 112.0                    | 112.6             | 112.8             | 113.6             | 115.0              | 115.1             | 111.4                    | 119.8             | 115.4             | 119.7             | 116.1              | 110.6             |
| Household and institutional furniture and kitchen            | 3371        | .59                                   | 117.6                    | 118.5             | 118.0             | 118.8             | 121.6              | 123.6             | 118.3                    | 121.0             | 121.6             | 121.5             | 119.3              | 122.6             |
| Office and other furniture                                   | 3372,9      | .56                                   | 106.6                    | 107.0             | 108.0             | 108.7             | 108.8              | 107.0             | 104.9                    | 118.7             | 109.5             | 118.1             | 113.1              | 99.1              |
| <b>Miscellaneous</b>                                         | <b>339</b>  | 3.02                                  | 109.6                    | 113.2             | 110.5             | 112.4             | 111.4              | 112.4             | 109.1                    | 114.3             | 110.3             | 112.1             | 109.8              | 112.2             |
| Medical equipment and supplies                               | 3391        | 1.93                                  | 108.3                    | 113.3             | 110.2             | 112.5             | 110.9              | 113.1             | 108.0                    | 114.6             | 109.6             | 112.0             | 109.2              | 112.1             |
| <b>Logging</b>                                               | <b>1133</b> | .15                                   | 101.2                    | 101.4             | 107.8             | 108.7             | 105.5              | 108.7             | 97.2                     | 103.1             | 113.3             | 118.0             | 109.6              | 113.7             |
| <b>Newspaper, periodical, book, and directory publishers</b> | <b>5111</b> | 2.41                                  | 87.3                     | 87.9              | 88.9              | 88.2              | 87.9               | 87.2              | 84.6                     | 92.0              | 98.4              | 98.5              | 91.5               | 88.0              |
| Newspaper publishers                                         | 51111       | .68                                   | 80.7                     | 77.5              | 75.5              | 74.8              | 75.1               | 74.7              | 78.9                     | 77.3              | 72.5              | 73.7              | 77.1               | 81.5              |
| Periodical, book, and other publishers                       | 51112-9     | 1.73                                  | 90.0                     | 92.2              | 94.4              | 93.8              | 93.2               | 92.3              | 86.9                     | 98.1              | 109.0             | 108.8             | 97.3               | 90.7              |
| STAGE-OF-PROCESS GROUPS (CAPACITY <sup>2</sup> )             |             |                                       |                          |                   |                   |                   |                    |                   |                          |                   |                   |                   |                    |                   |
| Crude                                                        |             | 19.57                                 | 112.6                    | 112.3             | 113.3             | 113.3             | 111.7              | 110.6             | 112.2                    | 111.7             | 113.1             | 113.8             | 112.3              | 110.9             |
| Primary and semifinished                                     |             | 44.14                                 | 104.9                    | 105.1             | 105.6             | 105.5             | 105.6              | 105.5             | 102.9                    | 107.8             | 107.9             | 109.7             | 106.5              | 103.8             |
| Finished                                                     |             | 36.30                                 | 105.0                    | 104.9             | 106.1             | 106.5             | 106.4              | 106.6             | 105.3                    | 107.1             | 103.1             | 107.6             | 106.7              | 108.0             |

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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 | 2014<br>IP<br>Proportion <sup>1</sup> | Index, 2012 = 100        |                   |                   |                   |                    |                   |                          |                   |                   |                   |                    |                   |
|------------------------------------------------------|-------|---------------------------------------|--------------------------|-------------------|-------------------|-------------------|--------------------|-------------------|--------------------------|-------------------|-------------------|-------------------|--------------------|-------------------|
|                                                      |       |                                       | Seasonally adjusted      |                   |                   |                   |                    |                   | Not seasonally adjusted  |                   |                   |                   |                    |                   |
|                                                      |       |                                       | 2015<br>May <sup>r</sup> | June <sup>r</sup> | July <sup>r</sup> | Aug. <sup>r</sup> | Sept. <sup>r</sup> | Oct. <sup>p</sup> | 2015<br>May <sup>r</sup> | June <sup>r</sup> | July <sup>r</sup> | Aug. <sup>r</sup> | Sept. <sup>r</sup> | Oct. <sup>p</sup> |
| <b>Total index</b>                                   |       | 100.00                                | 106.7                    | 106.7             | 107.5             | 107.6             | 107.4              | 107.2             | 105.8                    | 108.7             | 107.4             | 110.1             | 108.0              | 107.1             |
| <b>Products and nonindustrial supplies</b>           |       | 54.46                                 | 104.1                    | 104.1             | 105.0             | 105.3             | 105.2              | 105.3             | 102.9                    | 106.2             | 105.1             | 108.2             | 105.8              | 105.1             |
| <b>Final products</b>                                |       | 39.82                                 | 103.6                    | 103.5             | 104.8             | 105.1             | 105.1              | 105.0             | 102.2                    | 105.2             | 103.6             | 107.4             | 105.0              | 104.5             |
| <b>Consumer goods</b>                                |       | 26.69                                 | 104.9                    | 105.0             | 106.8             | 107.0             | 107.2              | 107.1             | 102.6                    | 106.5             | 106.4             | 110.2             | 107.4              | 106.2             |
| <b>Durable</b>                                       |       | 5.68                                  | 118.7                    | 116.7             | 123.4             | 120.4             | 120.8              | 121.4             | 121.2                    | 121.5             | 112.6             | 122.6             | 120.8              | 124.8             |
| Automotive products                                  |       | 2.79                                  | 129.3                    | 123.8             | 137.5             | 131.0             | 131.2              | 132.2             | 133.6                    | 131.7             | 114.4             | 134.2             | 132.5              | 138.9             |
| Autos and trucks, consumer                           |       | 1.65                                  | 137.7                    | 130.1             | 153.8             | 140.2             | 139.8              | 142.3             | 142.4                    | 140.1             | 116.3             | 148.0             | 144.6              | 154.4             |
| Auto parts and allied goods                          |       | 1.14                                  | 118.1                    | 115.2             | 116.4             | 118.9             | 119.9              | 119.0             | 122.0                    | 120.6             | 111.6             | 116.1             | 116.8              | 118.8             |
| Other goods                                          |       | 2.89                                  | 109.3                    | 110.4             | 110.9             | 111.0             | 111.6              | 111.8             | 110.3                    | 112.5             | 110.8             | 112.3             | 110.4              | 112.3             |
| Home electronics                                     |       | .16                                   | 111.4                    | 113.0             | 114.3             | 113.1             | 115.8              | 116.2             | 113.1                    | 115.5             | 112.5             | 114.5             | 114.7              | 115.6             |
| Appliances, furniture, and carpeting                 |       | .82                                   | 112.4                    | 113.5             | 115.1             | 114.3             | 115.7              | 116.6             | 114.6                    | 115.1             | 115.3             | 117.0             | 112.0              | 115.5             |
| Household appliances                                 |       | .21                                   | 110.3                    | 109.8             | 115.6             | 114.8             | 110.2              | 113.0             | 120.0                    | 111.5             | 101.6             | 108.8             | 102.7              | 114.2             |
| Carpeting and furniture                              |       | .61                                   | 113.2                    | 114.8             | 115.0             | 114.1             | 117.6              | 117.9             | 112.7                    | 116.3             | 120.1             | 119.9             | 115.3              | 116.0             |
| Miscellaneous goods                                  |       | 1.90                                  | 107.8                    | 108.8             | 108.8             | 109.5             | 109.6              | 109.4             | 108.2                    | 111.1             | 108.8             | 110.2             | 109.4              | 110.7             |
| <b>Nondurable</b>                                    |       | 21.01                                 | 101.6                    | 102.1             | 102.8             | 103.8             | 103.9              | 103.5             | 98.0                     | 102.8             | 104.9             | 107.2             | 104.1              | 101.7             |
| Non-energy                                           |       | 15.69                                 | 99.9                     | 100.4             | 101.3             | 102.0             | 102.0              | 102.1             | 99.5                     | 102.8             | 102.2             | 105.4             | 104.2              | 103.7             |
| Foods and tobacco                                    |       | 8.70                                  | 102.1                    | 101.0             | 102.5             | 104.0             | 103.9              | 103.4             | 101.3                    | 104.4             | 101.8             | 107.5             | 107.2              | 106.9             |
| Clothing                                             |       | .24                                   | 92.3                     | 92.0              | 93.7              | 93.6              | 93.1               | 90.6              | 92.7                     | 93.6              | 91.7              | 93.6              | 91.1               | 91.2              |
| Chemical products                                    |       | 4.96                                  | 97.6                     | 100.0             | 100.0             | 99.6              | 100.2              | 101.3             | 98.8                     | 99.7              | 99.2              | 99.3              | 100.5              | 101.5             |
| Paper products                                       |       | 1.29                                  | 92.3                     | 94.6              | 96.5              | 95.6              | 95.2               | 94.5              | 88.3                     | 101.5             | 114.6             | 114.2             | 100.3              | 91.1              |
| Miscellaneous goods                                  |       | .49                                   | 108.5                    | 112.6             | 109.8             | 111.8             | 110.6              | 112.9             | 108.5                    | 114.2             | 109.5             | 111.8             | 109.2              | 112.5             |
| Energy                                               |       | 5.32                                  | 106.1                    | 106.8             | 106.6             | 108.6             | 109.2              | 107.3             | 91.4                     | 101.4             | 113.3             | 112.5             | 102.4              | 92.7              |
| Fuels                                                |       | 2.26                                  | 111.5                    | 111.7             | 113.3             | 113.3             | 112.3              | 112.2             | 112.9                    | 114.0             | 115.6             | 115.7             | 111.8              | 112.3             |
| Residential utilities                                |       | 3.06                                  | 102.2                    | 103.0             | 101.8             | 105.0             | 106.3              | 103.5             | 77.7                     | 92.7              | 110.2             | 109.0             | 95.5               | 80.5              |
| <b>Equipment, total</b>                              |       | 13.13                                 | 101.0                    | 100.7             | 100.8             | 101.4             | 100.8              | 100.8             | 101.3                    | 102.7             | 98.2              | 101.9             | 100.3              | 101.2             |
| Business equipment                                   |       | 10.18                                 | 106.9                    | 106.7             | 106.7             | 107.4             | 106.9              | 107.1             | 107.3                    | 109.3             | 103.6             | 108.0             | 106.2              | 107.5             |
| Transit                                              |       | 2.51                                  | 122.1                    | 118.6             | 122.8             | 121.2             | 120.5              | 119.9             | 122.7                    | 122.3             | 113.6             | 122.3             | 122.0              | 123.1             |
| Business vehicles                                    |       | .76                                   | 119.8                    | 111.4             | 124.2             | 117.0             | 114.9              | 114.2             | 123.0                    | 120.6             | 97.7              | 120.6             | 119.4              | 124.2             |
| Business light vehicles                              |       | .55                                   | 115.2                    | 106.5             | 123.8             | 110.6             | 108.3              | 108.2             | 118.9                    | 114.9             | 93.5              | 117.1             | 112.2              | 117.8             |
| Autos                                                |       | .22                                   | 128.8                    | 112.8             | 128.8             | 110.7             | 105.3              | 103.5             | 130.4                    | 122.2             | 95.2              | 118.5             | 109.8              | 115.1             |
| Trucks                                               |       | .32                                   | 105.7                    | 101.5             | 119.4             | 109.3             | 108.7              | 109.6             | 110.6                    | 109.2             | 91.2              | 114.9             | 112.2              | 117.9             |
| Information processing                               |       | 2.20                                  | 104.3                    | 105.7             | 104.9             | 105.4             | 104.5              | 104.2             | 104.4                    | 106.5             | 104.2             | 104.7             | 103.5              | 105.6             |
| Industrial and other                                 |       | 5.46                                  | 101.8                    | 102.3             | 101.0             | 102.7             | 102.4              | 103.2             | 102.3                    | 105.3             | 99.3              | 103.7             | 101.0              | 102.0             |
| Industrial equipment                                 |       | 3.28                                  | 99.8                     | 99.6              | 99.5              | 99.8              | 98.8               | 99.3              | 100.5                    | 101.7             | 96.8              | 99.4              | 96.8               | 99.9              |
| Other equipment                                      |       | 2.19                                  | 104.9                    | 106.6             | 103.3             | 107.2             | 108.2              | 109.3             | 105.2                    | 110.9             | 103.3             | 110.5             | 107.7              | 105.2             |
| Oil and gas well drilling<br>and manufactured homes  |       | .81                                   | 51.6                     | 49.3              | 51.2              | 51.2              | 49.5               | 47.4              | 52.2                     | 50.5              | 50.8              | 52.8              | 50.6               | 48.4              |
| Defense and space equipment                          |       | 2.15                                  | 93.0                     | 92.9              | 92.4              | 93.2              | 92.3               | 92.3              | 92.5                     | 92.7              | 91.7              | 92.8              | 92.0               | 92.6              |
| <b>Nonindustrial supplies</b>                        |       | 14.63                                 | 105.3                    | 105.6             | 105.6             | 105.8             | 105.6              | 106.1             | 104.8                    | 108.7             | 109.0             | 110.1             | 107.9              | 106.7             |
| Construction supplies                                |       | 4.52                                  | 108.8                    | 109.3             | 109.6             | 109.9             | 108.5              | 110.3             | 111.1                    | 115.6             | 114.7             | 115.8             | 112.3              | 112.9             |
| Other business supplies                              |       | 10.12                                 | 103.8                    | 104.0             | 103.9             | 104.1             | 104.4              | 104.3             | 102.1                    | 105.8             | 106.6             | 107.7             | 106.0              | 104.0             |
| General business supplies                            |       | 7.08                                  | 103.1                    | 103.3             | 103.1             | 103.6             | 103.6              | 104.1             | 102.7                    | 105.0             | 102.9             | 104.5             | 104.8              | 104.8             |
| Commercial energy products                           |       | 3.04                                  | 105.5                    | 105.8             | 105.7             | 105.1             | 106.1              | 104.6             | 100.6                    | 107.6             | 115.7             | 115.5             | 108.7              | 102.1             |
| <b>Materials</b>                                     |       | 45.54                                 | 109.7                    | 109.7             | 110.4             | 110.2             | 109.8              | 109.4             | 109.3                    | 111.7             | 110.0             | 112.2             | 110.5              | 109.2             |
| Non-energy                                           |       | 27.14                                 | 105.5                    | 105.3             | 106.3             | 105.5             | 105.5              | 106.0             | 105.7                    | 107.7             | 103.7             | 106.6             | 106.5              | 106.9             |
| Durable                                              |       | 16.61                                 | 107.0                    | 107.0             | 108.6             | 107.8             | 107.2              | 107.6             | 107.7                    | 110.3             | 104.2             | 108.8             | 108.4              | 108.9             |
| Consumer parts                                       |       | 2.92                                  | 119.8                    | 116.8             | 124.1             | 120.5             | 121.8              | 122.0             | 121.6                    | 122.4             | 102.3             | 121.9             | 122.1              | 127.9             |
| Equipment parts                                      |       | 5.51                                  | 103.0                    | 102.9             | 102.9             | 103.4             | 103.2              | 103.5             | 102.5                    | 106.6             | 99.8              | 102.8             | 105.1              | 103.3             |
| Computer and other<br>board assemblies and parts     |       | .21                                   | 105.6                    | 107.3             | 108.6             | 107.3             | 107.0              | 107.5             | 104.6                    | 114.3             | 104.1             | 106.2             | 114.4              | 108.0             |
| Semiconductors, printed<br>circuit boards, and other |       | 1.28                                  | 103.5                    | 103.8             | 104.1             | 105.0             | 106.2              | 107.3             | 99.6                     | 111.5             | 101.6             | 103.8             | 117.7              | 105.8             |
| Other equipment parts                                |       | 4.01                                  | 102.4                    | 102.1             | 101.9             | 102.5             | 101.8              | 101.9             | 103.0                    | 104.4             | 98.8              | 102.1             | 100.5              | 101.9             |
| Other                                                |       | 8.19                                  | 105.5                    | 106.4             | 107.2             | 106.4             | 104.9              | 105.5             | 106.5                    | 108.8             | 108.0             | 108.4             | 106.0              | 106.4             |
| Basic metals                                         |       | 2.74                                  | 97.8                     | 99.8              | 100.8             | 99.3              | 96.8               | 97.8              | 98.2                     | 100.9             | 100.0             | 99.1              | 97.9               | 96.7              |
| Miscellaneous materials                              |       | 5.45                                  | 109.5                    | 110.0             | 110.6             | 110.1             | 109.2              | 109.6             | 110.9                    | 113.0             | 112.2             | 113.3             | 110.3              | 111.5             |
| Nondurable                                           |       | 10.52                                 | 103.1                    | 102.8             | 103.0             | 102.2             | 103.0              | 103.5             | 102.9                    | 103.8             | 103.0             | 103.3             | 103.5              | 103.9             |
| Textile                                              |       | .40                                   | 109.1                    | 108.8             | 106.4             | 105.4             | 106.8              | 109.5             | 110.5                    | 110.8             | 105.9             | 107.4             | 106.4              | 110.0             |
| Paper                                                |       | 1.91                                  | 96.9                     | 95.5              | 95.3              | 95.3              | 96.1               | 96.2              | 96.3                     | 96.4              | 96.1              | 96.5              | 96.6               | 95.2              |
| Chemical                                             |       | 5.10                                  | 105.0                    | 105.1             | 105.4             | 103.6             | 104.9              | 105.6             | 104.6                    | 105.6             | 106.6             | 105.2             | 106.2              | 105.1             |
| Other materials                                      |       | 3.11                                  | 103.1                    | 102.8             | 103.4             | 103.8             | 103.8              | 104.1             | 103.2                    | 104.5             | 101.1             | 104.0             | 103.3              | 106.8             |
| Containers                                           |       | 1.08                                  | 102.3                    | 102.4             | 103.4             | 103.1             | 103.0              | 103.0             | 104.1                    | 106.7             | 104.1             | 106.8             | 105.5              | 105.3             |
| Miscellaneous materials                              |       | 2.03                                  | 103.4                    | 102.9             | 103.4             | 104.1             | 104.3              | 104.6             | 102.6                    | 103.2             | 99.4              | 102.3             | 101.9              | 107.5             |
| Energy                                               |       | 18.40                                 | 115.5                    | 115.8             | 115.7             | 116.7             | 115.7              | 113.4             | 113.8                    | 117.0             | 120.1             | 120.7             | 116.0              | 111.2             |
| Primary energy                                       |       | 14.51                                 | 118.9                    | 118.4             | 119.2             | 120.1             | 118.5              | 116.1             | 118.1                    | 118.3             | 119.9             | 121.2             | 118.2              | 115.0             |
| Converted fuel                                       |       | 3.90                                  | 102.6                    | 104.9             | 102.7             | 103.8             | 104.3              | 102.3             | 97.9                     | 108.9             | 115.6             | 114.6             | 105.4              | 97.0              |

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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            | 2014<br>Proportion | 1972-<br>2014<br>Ave. | 1982<br>Low | 1988-<br>1989<br>High | 1990-<br>1991<br>Low | 1994-<br>1995<br>High | 2009<br>Low | 2014<br>Oct. | 2015<br>May <sup>r</sup> | June <sup>r</sup> | July <sup>r</sup> | Aug. <sup>r</sup> | Sept. <sup>r</sup> | Oct. <sup>p</sup> |
|------------------------------------------------------------------|------------------|--------------------|-----------------------|-------------|-----------------------|----------------------|-----------------------|-------------|--------------|--------------------------|-------------------|-------------------|-------------------|--------------------|-------------------|
| <b>Total industry</b>                                            |                  | 100.00             | 80.1                  | 70.9        | 85.2                  | 78.8                 | 85.0                  | 66.9        | 78.5         | 77.6                     | 77.5              | 78.0              | 78.0              | 77.7               | 77.5              |
| STAGE-OF-PROCESS GROUPS                                          |                  |                    |                       |             |                       |                      |                       |             |              |                          |                   |                   |                   |                    |                   |
| Crude                                                            |                  | 19.34              | 86.3                  | 78.2        | 87.6                  | 84.3                 | 89.8                  | 76.9        | 87.9         | 83.1                     | 82.7              | 83.3              | 83.1              | 81.8               | 80.8              |
| Primary and semifinished                                         |                  | 44.36              | 80.7                  | 68.2        | 86.5                  | 78.1                 | 87.8                  | 64.2        | 76.5         | 76.1                     | 76.1              | 76.4              | 76.3              | 76.3               | 76.1              |
| Finished                                                         |                  | 36.30              | 77.0                  | 70.7        | 83.4                  | 77.4                 | 80.7                  | 66.7        | 75.7         | 76.0                     | 75.9              | 76.6              | 76.8              | 76.6               | 76.7              |
| INDUSTRY GROUPS                                                  |                  |                    |                       |             |                       |                      |                       |             |              |                          |                   |                   |                   |                    |                   |
| <b>Manufacturing</b>                                             |                  | 74.74              | 78.5                  | 68.5        | 85.6                  | 77.3                 | 84.6                  | 63.9        | 75.8         | 76.0                     | 75.8              | 76.5              | 76.3              | 76.2               | 76.4              |
| <b>Manufacturing (NAICS)</b>                                     | <b>31-33</b>     | 71.57              | 78.4                  | 67.8        | 85.5                  | 77.2                 | 84.7                  | 63.6        | 76.6         | 76.7                     | 76.5              | 77.2              | 77.0              | 76.8               | 77.0              |
| <b>Durable manufacturing</b>                                     |                  | 37.90              | 76.9                  | 62.9        | 84.8                  | 73.9                 | 83.8                  | 58.3        | 76.7         | 76.2                     | 75.9              | 76.7              | 76.3              | 76.0               | 76.2              |
| Wood products                                                    | 321              | 1.23               | 76.4                  | 59.5        | 86.4                  | 72.1                 | 86.6                  | 49.0        | 72.0         | 68.7                     | 68.5              | 69.9              | 69.9              | 68.7               | 69.9              |
| Nonmetallic mineral products                                     | 327              | 2.22               | 74.2                  | 64.2        | 83.5                  | 71.4                 | 82.7                  | 44.4        | 62.3         | 62.7                     | 62.9              | 63.2              | 63.9              | 63.1               | 64.5              |
| Primary metals                                                   | 331              | 2.59               | 79.0                  | 47.9        | 93.4                  | 75.1                 | 94.4                  | 49.1        | 78.2         | 72.8                     | 75.5              | 75.1              | 73.0              | 71.9               | 72.9              |
| Iron and steel products                                          | 3311.2           | 1.24               | 80.4                  | 38.0        | 97.8                  | 71.2                 | 97.9                  | 40.3        | 80.1         | 68.2                     | 74.3              | 73.3              | 69.9              | 69.6               | 71.4              |
| Fabricated metal products                                        | 332              | 5.12               | 77.6                  | 61.6        | 81.8                  | 72.6                 | 84.9                  | 62.3        | 81.4         | 81.6                     | 81.5              | 81.7              | 80.4              | 80.6               | 80.4              |
| Machinery                                                        | 333              | 5.80               | 77.8                  | 57.8        | 85.7                  | 74.0                 | 87.6                  | 58.6        | 78.7         | 75.9                     | 75.1              | 74.5              | 76.0              | 76.1               | 76.2              |
| Computer and electronic products                                 | 334              | 5.80               | 77.9                  | 78.0        | 82.2                  | 77.6                 | 84.5                  | 70.3        | 74.4         | 71.7                     | 72.2              | 71.7              | 71.7              | 71.4               | 71.2              |
| Computer and peripheral equip.                                   | 3341             | .49                | 77.8                  | 66.6        | 79.2                  | 69.7                 | 87.8                  | 82.2        | 66.2         | 68.2                     | 68.1              | 69.3              | 67.8              | 66.3               | 65.8              |
| Communications equipment                                         | 3342             | .57                | 76.8                  | 84.4        | 86.0                  | 77.1                 | 84.3                  | 77.0        | 73.6         | 73.5                     | 72.9              | 70.5              | 68.9              | 68.0               | 68.0              |
| Semiconductor and related electronic components                  | 3344             | 1.96               | 79.1                  | 78.1        | 82.3                  | 78.1                 | 91.8                  | 63.0        | 73.4         | 68.6                     | 68.5              | 68.3              | 68.4              | 68.9               | 69.3              |
| Electrical equipment, appliances, and components                 | 335              | 1.63               | 82.2                  | 64.3        | 88.8                  | 77.0                 | 92.3                  | 66.3        | 82.8         | 85.1                     | 85.9              | 86.0              | 87.1              | 85.8               | 87.4              |
| Transportation equipment                                         | 336              | 9.45               | 74.4                  | 55.7        | 87.4                  | 68.2                 | 79.5                  | 50.0        | 76.2         | 79.5                     | 77.1              | 81.5              | 79.2              | 79.0               | 79.1              |
| Motor vehicles and parts                                         | 3361-3           | 5.14               | 74.8                  | 44.2        | 91.0                  | 56.9                 | 87.8                  | 33.8        | 74.6         | 79.8                     | 76.0              | 83.9              | 79.4              | 79.6               | 79.9              |
| Autos and light trucks                                           | 33611            | 2.01               | 76.0                  | 39.7        | 93.8                  | 53.3                 | 89.4                  | 26.3        | 79.3         | 87.4                     | 82.1              | 96.6              | 87.7              | 87.0               | 88.1              |
| Aerospace and miscellaneous transportation equipment             | 3364-9           | 4.31               | 73.8                  | 68.4        | 89.1                  | 82.0                 | 70.6                  | 72.5        | 78.2         | 79.1                     | 78.4              | 78.4              | 78.9              | 78.2               | 77.9              |
| Furniture and related products                                   | 337              | 1.13               | 76.5                  | 64.9        | 82.2                  | 68.6                 | 82.5                  | 57.2        | 78.2         | 77.8                     | 78.3              | 78.4              | 79.0              | 79.9               | 80.0              |
| Miscellaneous                                                    | 339              | 2.92               | 76.3                  | 68.9        | 82.6                  | 77.4                 | 80.7                  | 69.2        | 78.5         | 76.1                     | 78.4              | 76.4              | 77.5              | 76.6               | 77.1              |
| <b>Nondurable manufacturing</b>                                  |                  | 33.67              | 80.4                  | 75.3        | 86.7                  | 81.4                 | 86.0                  | 69.3        | 76.4         | 77.2                     | 77.1              | 77.6              | 77.7              | 77.7               | 77.9              |
| Food                                                             | 311              | 7.40               | 82.2                  | 79.5        | 86.3                  | 83.1                 | 86.3                  | 77.6        | 81.4         | 82.1                     | 81.9              | 82.2              | 83.0              | 83.2               | 82.8              |
| Beverage and tobacco products                                    | 312              | 2.71               | 76.8                  | 78.5        | 87.0                  | 75.2                 | 85.1                  | 65.5        | 70.4         | 70.8                     | 68.2              | 71.2              | 73.3              | 71.9               | 71.7              |
| Textile mills                                                    | 313              | .38                | 79.3                  | 72.4        | 92.1                  | 77.4                 | 93.8                  | 51.7        | 74.6         | 77.4                     | 77.3              | 75.4              | 74.3              | 75.4               | 77.2              |
| Textile product mills                                            | 314              | .33                | 79.7                  | 71.6        | 90.8                  | 76.8                 | 88.8                  | 56.6        | 70.0         | 70.9                     | 70.1              | 70.3              | 71.0              | 71.1               | 72.0              |
| Apparel                                                          | 315              | .21                | 78.3                  | 74.4        | 84.7                  | 77.6                 | 89.1                  | 63.0        | 66.9         | 66.9                     | 67.3              | 68.5              | 69.2              | 68.7               | 67.4              |
| Leather and allied products                                      | 316              | .09                | 71.6                  | 72.9        | 80.6                  | 71.9                 | 79.7                  | 46.1        | 59.0         | 60.9                     | 59.1              | 60.6              | 58.9              | 59.3               | 57.0              |
| Paper                                                            | 322              | 2.35               | 86.6                  | 81.4        | 92.6                  | 85.7                 | 92.7                  | 72.9        | 83.0         | 83.4                     | 82.4              | 82.1              | 81.8              | 82.5               | 82.6              |
| Printing and support                                             | 323              | 1.71               | 80.0                  | 80.3        | 91.8                  | 83.1                 | 85.0                  | 58.7        | 62.9         | 62.9                     | 63.0              | 63.2              | 63.7              | 63.4               | 63.3              |
| Petroleum and coal products                                      | 324              | 3.44               | 85.4                  | 68.5        | 85.9                  | 81.4                 | 91.0                  | 75.9        | 82.2         | 85.0                     | 83.8              | 84.8              | 84.6              | 83.8               | 84.7              |
| Chemicals                                                        | 325              | 11.92              | 77.2                  | 67.8        | 84.9                  | 80.1                 | 81.8                  | 66.1        | 73.2         | 73.8                     | 74.7              | 74.8              | 73.9              | 74.4               | 75.0              |
| Plastics material and resin                                      | 325211           | .70                | 88.2                  | 66.1        | 96.9                  | 81.5                 | 102.1                 | 75.8        | 90.1         | 92.3                     | 92.1              | 93.5              | 89.7              | 90.7               |                   |
| Synthetic rubber                                                 | 325212           | .09                | 75.5                  | 54.6        | 94.4                  | 72.5                 | 87.4                  | 60.1        | 59.9         | 60.2                     | 61.9              | 61.5              | 60.9              | 59.2               | 61.7              |
| Artificial and synthetic fibers and filaments                    | 32522            | .09                | 81.2                  | 63.3        | 93.6                  | 75.5                 | 91.7                  | 58.6        | 84.7         | 80.0                     | 85.2              | 81.4              | 83.8              | 88.5               |                   |
| Plastics and rubber products                                     | 326              | 3.13               | 82.0                  | 72.4        | 89.8                  | 76.8                 | 93.3                  | 58.8        | 80.0         | 80.8                     | 80.4              | 81.2              | 82.3              | 81.8               | 81.8              |
| <b>Other manufacturing (non-NAICS)</b>                           | <b>1133,5111</b> | 3.17               | 81.4                  | 86.6        | 91.2                  | 80.1                 | 83.4                  | 69.4        | 58.9         | 59.5                     | 60.0              | 61.0              | 60.7              | 60.5               | 60.2              |
| <b>Mining</b>                                                    | <b>21</b>        | 15.24              | 87.5                  | 79.7        | 86.2                  | 83.8                 | 88.7                  | 79.0        | 90.4         | 83.5                     | 83.3              | 84.0              | 84.1              | 81.9               | 80.5              |
| Oil and gas extraction                                           | 211              | 10.24              | 92.6                  | 89.6        | 91.6                  | 89.4                 | 94.8                  | 93.5        | 98.3         | 96.7                     | 96.8              | 96.6              | 95.9              | 93.8               | 91.9              |
| Mining (except oil and gas)                                      | 212              | 2.36               | 83.2                  | 67.9        | 91.1                  | 80.2                 | 87.8                  | 68.3        | 80.0         | 76.7                     | 75.4              | 78.7              | 80.6              | 77.5               | 78.3              |
| Coal mining                                                      | 2121             | .94                | 85.5                  | 76.3        | 92.5                  | 79.6                 | 87.4                  | 75.2        | 84.0         | 75.3                     | 68.9              | 75.3              | 81.1              | 78.1               | 78.5              |
| Metal mining                                                     | 2122             | .67                | 77.9                  | 32.2        | 93.3                  | 81.2                 | 90.0                  | 64.0        | 72.4         | 70.3                     | 69.3              | 70.9              | 71.1              | 69.2               | 69.2              |
| Stone and earth minerals                                         | 2123             | .75                | 82.7                  | 63.6        | 89.6                  | 76.2                 | 92.4                  | 61.8        | 81.7         | 83.5                     | 87.8              | 88.8              | 87.5              | 83.4               | 85.1              |
| Support activities for mining                                    | 213              | 2.64               | 73.6                  | 52.9        | 62.0                  | 54.2                 | 75.4                  | 47.9        | 68.2         | 39.4                     | 38.9              | 39.1              | 39.1              | 37.8               | 35.5              |
| <b>Utilities</b>                                                 | <b>2211,2</b>    | 10.02              | 85.9                  | 77.4        | 92.9                  | 84.3                 | 93.3                  | 78.5        | 79.6         | 78.2                     | 78.9              | 77.8              | 79.0              | 79.9               | 77.8              |
| Electric                                                         | 2211             | 8.78               | 87.2                  | 78.1        | 94.3                  | 87.7                 | 95.9                  | 78.3        | 79.1         | 77.9                     | 78.4              | 77.2              | 78.5              | 79.8               | 77.3              |
| Natural gas                                                      | 2212             | 1.24               | 80.2                  | 72.9        | 86.4                  | 67.5                 | 87.4                  | 71.7        | 82.2         | 78.7                     | 81.1              | 80.8              | 80.9              | 78.1               | 80.1              |
| SPECIAL AGGREGATES                                               |                  |                    |                       |             |                       |                      |                       |             |              |                          |                   |                   |                   |                    |                   |
| Selected high-technology industries                              |                  | 3.02               | 77.7                  | 75.4        | 81.3                  | 75.5                 | 86.6                  | 71.8        | 72.2         | 69.3                     | 69.1              | 68.8              | 68.3              | 68.3               | 68.4              |
| Manufacturing ex. selected high-tech industries                  |                  | 71.72              | 78.6                  | 68.0        | 86.0                  | 77.3                 | 84.5                  | 63.4        | 76.0         | 76.3                     | 76.1              | 76.9              | 76.7              | 76.5               | 76.7              |
| Manufacturing ex. selected high-tech and motor vehicles and pts. |                  | 66.57              | 78.9                  | 69.4        | 85.6                  | 79.2                 | 84.2                  | 66.1        | 76.1         | 76.0                     | 76.1              | 76.3              | 76.4              | 76.3               | 76.5              |

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**Table 3**  
**INDUSTRIAL CAPACITY: MANUFACTURING, MINING, AND UTILITIES**

| Item                                                             | NAICS            | Percent change        |                       |                       |                                  |      |      |      |                   | Capacity indexes       |             |       |       |       |       |       |
|------------------------------------------------------------------|------------------|-----------------------|-----------------------|-----------------------|----------------------------------|------|------|------|-------------------|------------------------|-------------|-------|-------|-------|-------|-------|
|                                                                  |                  | Annual rate           |                       |                       | Fourth quarter to fourth quarter |      |      |      |                   | Percent of 2012 output |             |       |       |       |       |       |
|                                                                  |                  | 1972-<br>2015<br>Ave. | 1972-<br>1975<br>Ave. | 1975-<br>2015<br>Ave. | 2011                             | 2012 | 2013 | 2014 | 2015 <sup>p</sup> | 2014<br>Oct.           | 2015<br>May | June  | July  | Aug.  | Sept. | Oct.  |
| <b>Total industry</b>                                            |                  | 2.3                   | 3.0                   | 2.3                   | .9                               | 2.4  | 1.6  | 2.1  | 1.5               | 136.2                  | 137.5       | 137.6 | 137.8 | 138.0 | 138.1 | 138.3 |
| STAGE-OF-PROCESS GROUPS                                          |                  |                       |                       |                       |                                  |      |      |      |                   |                        |             |       |       |       |       |       |
| Crude                                                            |                  | .9                    | 1.0                   | .9                    | 4.0                              | 6.3  | 4.4  | 7.0  | 3.3               | 132.2                  | 135.5       | 135.8 | 136.1 | 136.3 | 136.6 | 136.9 |
| Primary and semifinished                                         |                  | 2.4                   | 3.5                   | 2.2                   | 1.4                              | 1.8  | .7   | .5   | 1.0               | 137.3                  | 138.0       | 138.1 | 138.2 | 138.3 | 138.4 | 138.6 |
| Finished                                                         |                  | 2.8                   | 3.3                   | 2.7                   | -.8                              | 1.2  | 1.6  | 1.3  | 1.5               | 137.0                  | 138.1       | 138.3 | 138.5 | 138.6 | 138.8 | 139.0 |
| INDUSTRY GROUPS                                                  |                  |                       |                       |                       |                                  |      |      |      |                   |                        |             |       |       |       |       |       |
| <b>Manufacturing</b>                                             |                  | 2.5                   | 3.1                   | 2.4                   | .2                               | 1.9  | 1.1  | .7   | 1.2               | 137.6                  | 138.5       | 138.6 | 138.8 | 138.9 | 139.1 | 139.2 |
| <b>Manufacturing (NAICS)</b>                                     | <b>31-33</b>     | 2.6                   | 3.1                   | 2.5                   | .2                               | 2.0  | 1.2  | .9   | 1.3               | 137.1                  | 138.1       | 138.2 | 138.4 | 138.6 | 138.7 | 138.9 |
| <b>Durable manufacturing</b>                                     |                  | 3.5                   | 3.3                   | 3.6                   | 2.1                              | 2.2  | 1.8  | 1.6  | 1.9               | 139.8                  | 141.2       | 141.5 | 141.7 | 141.9 | 142.1 | 142.4 |
| Wood products                                                    | 321              | .9                    | 2.0                   | .8                    | -5.3                             | -1.3 | -.5  | 1.7  | 2.5               | 156.3                  | 158.5       | 158.8 | 159.2 | 159.5 | 159.8 | 160.1 |
| Nonmetallic mineral products                                     | 327              | .9                    | .9                    | .9                    | -3.8                             | -.7  | -2.1 | -.6  | -.1               | 177.0                  | 176.8       | 176.8 | 176.8 | 176.8 | 176.8 | 176.8 |
| Primary metals                                                   | 331              | .0                    | .7                    | -.1                   | .2                               | -4.5 | 5.6  | -1.2 | 1.4               | 135.9                  | 135.9       | 136.1 | 136.4 | 136.7 | 137.0 | 137.3 |
| Iron and steel products                                          | 3311,2           | -.2                   | -.1                   | -.2                   | 2.1                              | -2.0 | 3.3  | -.8  | -.5               | 134.5                  | 133.7       | 133.7 | 133.7 | 133.7 | 133.7 | 133.7 |
| Fabricated metal products                                        | 332              | 1.1                   | 3.2                   | .9                    | .3                               | 2.7  | .0   | -.2  | -.3               | 128.7                  | 128.5       | 128.5 | 128.5 | 128.4 | 128.4 | 128.3 |
| Machinery                                                        | 333              | 1.7                   | 3.7                   | 1.4                   | 3.8                              | 1.3  | 3.3  | 2.5  | 1.2               | 131.4                  | 132.4       | 132.5 | 132.7 | 132.8 | 132.9 | 133.1 |
| Computer and electronic products                                 | 334              | 13.2                  | 11.7                  | 13.3                  | 13.0                             | 7.6  | -.2  | 2.0  | 5.2               | 140.0                  | 144.0       | 144.6 | 145.3 | 145.9 | 146.6 | 147.2 |
| Computer and peripheral equip.                                   | 3341             | 21.0                  | 31.2                  | 20.1                  | 24.4                             | 32.2 | 3.8  | 6.3  | 6.1               | 166.3                  | 173.1       | 173.9 | 174.6 | 175.4 | 176.1 | 176.8 |
| Communications equipment                                         | 3342             | 8.7                   | 10.7                  | 8.5                   | 10.9                             | .1   | .7   | 3.5  | 5.6               | 142.0                  | 146.2       | 146.9 | 147.6 | 148.3 | 149.0 | 149.7 |
| Semiconductor and related electronic components                  | 3344             | 19.5                  | 13.2                  | 20.1                  | 28.3                             | 14.5 | -1.3 | -1.2 | 5.8               | 146.6                  | 150.7       | 151.5 | 152.3 | 153.2 | 154.0 | 154.8 |
| Electrical equipment, appliances, and components                 | 335              | .8                    | 3.7                   | .5                    | -2.3                             | .5   | .0   | .3   | -.4               | 123.5                  | 123.3       | 123.3 | 123.2 | 123.1 | 123.1 | 123.0 |
| Transportation equipment                                         | 336              | 2.0                   | 1.9                   | 2.0                   | 1.3                              | 2.6  | 3.3  | 2.8  | 2.0               | 146.3                  | 148.1       | 148.3 | 148.5 | 148.8 | 149.0 | 149.2 |
| Motor vehicles and parts                                         | 3361-3           | 2.6                   | 2.9                   | 2.6                   | .7                               | 2.6  | 4.8  | 4.7  | 3.4               | 158.7                  | 162.0       | 162.5 | 162.9 | 163.3 | 163.7 | 164.1 |
| Autos and light trucks                                           | 33611            | 2.6                   | 3.8                   | 2.5                   | .2                               | -2.6 | 8.4  | 5.3  | .8                | 149.9                  | 151.1       | 151.1 | 151.2 | 151.2 | 151.3 | 151.4 |
| Aerospace and miscellaneous transportation equipment             | 3364-9           | 1.1                   | .5                    | 1.2                   | 3.3                              | 2.1  | 1.7  | .6   | .5                | 133.6                  | 134.0       | 134.0 | 134.1 | 134.1 | 134.2 | 134.3 |
| Furniture and related products                                   | 337              | 1.3                   | 3.5                   | 1.1                   | -3.1                             | 1.1  | -.3  | .0   | .0                | 143.8                  | 143.9       | 143.9 | 143.9 | 143.9 | 143.9 | 143.9 |
| Miscellaneous                                                    | 339              | 2.6                   | 3.5                   | 2.5                   | -2.6                             | 1.1  | 3.7  | 3.7  | 3.2               | 141.2                  | 143.9       | 144.3 | 144.7 | 145.1 | 145.4 | 145.8 |
| <b>Nondurable manufacturing</b>                                  |                  | 1.4                   | 2.8                   | 1.2                   | -1.6                             | 1.8  | .6   | .0   | .8                | 134.2                  | 134.7       | 134.8 | 134.9 | 135.0 | 135.1 | 135.2 |
| Food                                                             | 311              | 1.6                   | 2.8                   | 1.5                   | -2.6                             | .5   | 1.3  | 1.2  | 1.6               | 126.2                  | 127.4       | 127.5 | 127.7 | 127.9 | 128.1 | 128.3 |
| Beverage and tobacco products                                    | 312              | .3                    | .8                    | .3                    | -1.0                             | -.6  | -1.3 | -1.2 | -1.1              | 139.9                  | 138.9       | 138.7 | 138.6 | 138.5 | 138.4 | 138.2 |
| Textile mills                                                    | 313              | -.8                   | 2.5                   | -1.1                  | -6.4                             | -3.7 | -1.6 | -.5  | .8                | 139.4                  | 139.8       | 140.0 | 140.1 | 140.2 | 140.3 | 140.5 |
| Textile product mills                                            | 314              | .2                    | 1.5                   | .0                    | -1.1                             | -1.9 | -2.2 | -2.4 | -1.4              | 152.6                  | 151.2       | 151.0 | 150.8 | 150.7 | 150.5 | 150.4 |
| Apparel                                                          | 315              | -3.5                  | 1.3                   | -4.0                  | -3.6                             | -2.4 | -2.7 | -2.5 | -2.1              | 137.8                  | 136.1       | 135.8 | 135.6 | 135.4 | 135.1 | 134.9 |
| Leather and allied products                                      | 316              | -2.7                  | -2.0                  | -2.8                  | .4                               | -2.9 | -.6  | -1.4 | -2.6              | 169.9                  | 167.4       | 167.0 | 166.6 | 166.2 | 165.8 | 165.5 |
| Paper                                                            | 322              | .8                    | 3.2                   | .6                    | .9                               | .3   | -.7  | -2.1 | -.3               | 117.4                  | 116.9       | 116.9 | 116.9 | 116.9 | 116.9 | 116.9 |
| Printing and support                                             | 323              | 2.0                   | 3.4                   | 1.8                   | .8                               | -.1  | 1.1  | .0   | 1.8               | 161.4                  | 162.6       | 162.9 | 163.2 | 163.5 | 163.8 | 164.1 |
| Petroleum and coal products                                      | 324              | 1.3                   | 5.4                   | 1.0                   | .7                               | 2.8  | 3.9  | -1.3 | 1.2               | 128.1                  | 128.2       | 128.4 | 128.6 | 128.9 | 129.1 | 129.3 |
| Chemicals                                                        | 325              | 2.0                   | 3.6                   | 1.8                   | -2.4                             | 3.6  | .0   | -.6  | .9                | 138.3                  | 138.8       | 138.9 | 139.1 | 139.2 | 139.3 | 139.4 |
| Plastics material and resin                                      | 325211           | 2.3                   | 4.7                   | 2.0                   | -1.4                             | 3.4  | -3.2 | -.2  | -.8               | 109.4                  | 109.3       | 109.2 | 109.0 | 108.9 | 108.8 | 108.7 |
| Synthetic rubber                                                 | 325212           | 1.1                   | 3.1                   | .9                    | 5.6                              | 3.6  | 2.3  | 2.6  | 2.6               | 178.0                  | 180.7       | 181.1 | 181.5 | 181.9 | 182.2 | 182.6 |
| Artificial and synthetic fibers and filaments                    | 32522            | -.1                   | 14.1                  | -1.4                  | 1.2                              | -9.4 | 1.4  | -.9  | 1.2               | 122.5                  | 122.7       | 122.9 | 123.1 | 123.3 | 123.5 | 123.7 |
| Plastics and rubber products                                     | 326              | 2.7                   | 4.6                   | 2.5                   | -.6                              | 1.5  | 2.1  | 3.4  | .8                | 139.9                  | 141.1       | 141.1 | 141.2 | 141.2 | 141.2 | 141.3 |
| <b>Other manufacturing (non-NAICS)</b>                           | <b>1133,5111</b> | .4                    | 2.9                   | .2                    | -.2                              | .0   | -1.2 | -2.3 | -2.2              | 149.9                  | 147.9       | 147.6 | 147.4 | 147.1 | 146.9 | 146.6 |
| <b>Mining</b>                                                    | <b>21</b>        | .7                    | -.5                   | .8                    | 4.5                              | 5.8  | 6.4  | 9.3  | 4.2               | 133.7                  | 138.0       | 138.4 | 138.7 | 139.1 | 139.4 | 139.7 |
| Oil and gas extraction                                           | 211              | .5                    | -2.6                  | .8                    | 6.1                              | 9.9  | 10.2 | 13.7 | 7.6               | 132.9                  | 140.0       | 140.8 | 141.5 | 142.2 | 142.9 | 143.6 |
| Mining (except oil and gas)                                      | 212              | .9                    | 1.6                   | .8                    | -.2                              | -1.4 | -1.7 | -.5  | -.8               | 126.1                  | 125.6       | 125.5 | 125.4 | 125.3 | 125.2 | 125.1 |
| Coal mining                                                      | 2121             | .8                    | 2.5                   | .7                    | -.5                              | -3.4 | -2.9 | -3.2 | -3.0              | 115.8                  | 113.6       | 113.4 | 113.1 | 112.8 | 112.5 | 112.2 |
| Metal mining                                                     | 2122             | 1.2                   | 1.9                   | 1.1                   | 2.9                              | 3.3  | -1.0 | -2.0 | -.2               | 136.4                  | 136.2       | 136.2 | 136.2 | 136.2 | 136.2 | 136.2 |
| Stone and earth minerals                                         | 2123             | .4                    | -.2                   | .5                    | -3.0                             | -2.9 | .0   | 4.6  | 1.7               | 132.4                  | 134.3       | 134.4 | 134.5 | 134.7 | 134.8 | 134.9 |
| Support activities for mining                                    | 213              | 1.1                   | 5.7                   | .7                    | -.4                              | -1.3 | 3.6  | 1.1  | -2.0              | 144.8                  | 143.4       | 143.2 | 142.9 | 142.6 | 142.3 | 142.0 |
| <b>Utilities</b>                                                 | <b>2211,2</b>    | 2.3                   | 6.0                   | 2.0                   | 1.9                              | 1.2  | .3   | 1.2  | .8                | 129.9                  | 130.6       | 130.7 | 130.7 | 130.8 | 130.9 | 131.0 |
| Electric                                                         | 2211             | 2.9                   | 8.2                   | 2.4                   | 1.5                              | 1.1  | .6   | 1.2  | .7                | 129.3                  | 130.0       | 130.1 | 130.1 | 130.2 | 130.2 | 130.3 |
| Natural gas                                                      | 2212             | .2                    | -1.0                  | .4                    | .5                               | .8   | 1.0  | 1.8  | 2.2               | 136.1                  | 137.8       | 138.0 | 138.3 | 138.5 | 138.8 | 139.1 |
| SPECIAL AGGREGATES                                               |                  |                       |                       |                       |                                  |      |      |      |                   |                        |             |       |       |       |       |       |
| Selected high-technology industries                              |                  | 17.8                  | 17.2                  | 17.9                  | 24.5                             | 13.7 | -.5  | .9   | 5.9               | 148.2                  | 152.7       | 153.5 | 154.3 | 155.1 | 156.0 | 156.8 |
| Manufacturing ex. selected high-tech industries                  |                  | 1.4                   | 2.6                   | 1.3                   | -.9                              | 1.4  | 1.3  | .7   | .9                | 137.2                  | 137.8       | 137.9 | 138.1 | 138.2 | 138.3 | 138.4 |
| Manufacturing ex. selected high-tech and motor vehicles and pts. |                  | 1.3                   | 2.6                   | 1.2                   | -.8                              | 1.3  | 1.0  | .4   | .8                | 135.7                  | 136.2       | 136.3 | 136.4 | 136.5 | 136.6 | 136.7 |