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# FEDERAL RESERVE statistical release

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

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## **INDUSTRIAL PRODUCTION AND CAPACITY UTILIZATION**

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

### **Tables**

1. Industrial Production: Industry Subtotals, Individual Series, and Market Groups
2. Capacity Utilization: Manufacturing, Mining, and Utilities
3. Industrial Capacity: Manufacturing, Mining, and Utilities

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

| Item  | NAICS       | 2007<br>IP<br>Proportion <sup>1</sup> | Index, 2002 = 100         |                   |                   |                   |                  |                   |                           |                   |                   |                   |                  |                   |
|---|-------------|---------------------------------------|---------------------------|-------------------|-------------------|-------------------|------------------|-------------------|---------------------------|-------------------|-------------------|-------------------|------------------|-------------------|
|   |             |                                       | Seasonally adjusted       |                   |                   |                   |                  |                   | Not seasonally adjusted   |                   |                   |                   |                  |                   |
|   |             |                                       | 2008<br>Jan. <sup>r</sup> | Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>r</sup> | May <sup>r</sup> | June <sup>p</sup> | 2008<br>Jan. <sup>r</sup> | Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>r</sup> | May <sup>r</sup> | June <sup>p</sup> |
| <b>Oil and gas extraction</b>                                   | <b>211</b>  | 7.79                                  | 98.0                      | 98.5              | 98.2              | 97.8              | 97.6             | 98.8              | 97.0                      | 98.2              | 99.0              | 98.4              | 98.5             | 99.8              |
| Crude petroleum and natural gas extraction                      | 211111      | 7.15                                  | 97.9                      | 98.3              | 98.2              | 97.5              | 97.4             | 98.4              | 97.1                      | 98.1              | 98.9              | 98.1              | 98.2             | 99.5              |
| Crude oil   | 211111pt.   | 2.89                                  | 88.1                      | 87.8              | 88.1              | 86.9              | 86.3             | 86.8              | 87.5                      | 87.9              | 88.3              | 87.6              | 87.8             | 87.7              |
| Natural gas   | 211111pt.   | 4.26                                  | 105.6                     | 106.6             | 106.0             | 105.8             |                  |                   | 104.5                     | 106.1             | 107.1             | 106.3             |                  |                   |
| Natural gas liquid extraction                                   | 211112      | .65                                   | 98.0                      | 99.4              | 98.5              | 100.8             | 100.0            | 103.0             | 95.4                      | 98.1              | 98.9              | 100.8             | 101.6            | 103.4             |
| <b>Mining (except oil and gas)</b>                              | <b>212</b>  | 1.91                                  | 98.0                      | 99.4              | 99.6              | 98.0              | 99.9             | 99.1              | 90.1                      | 91.8              | 94.8              | 98.7              | 101.6            | 104.5             |
| Coal mining   | 2121        | .70                                   | 104.1                     | 106.1             | 108.3             | 103.7             | 107.2            | 101.8             | 104.9                     | 107.8             | 107.8             | 106.6             | 104.7            | 104.4             |
| Metal ore mining  | 2122        | .58                                   | 107.8                     | 110.9             | 110.9             | 109.0             | 112.9            | 115.4             | 103.6                     | 108.3             | 110.4             | 109.0             | 109.9            | 116.4             |
| Iron ore mining   | 21221       | .04                                   | 96.4                      | 97.5              | 118.7             | 99.4              | 104.0            |                   | 94.1                      | 96.7              | 109.8             | 96.6              | 109.7            |                   |
| Gold ore and silver ore mining                                  | 21222       | .13                                   | 78.4                      | 79.7              | 79.0              | 77.2              | 79.5             | 81.9              | 68.8                      | 74.7              | 79.7              | 75.5              | 76.9             | 84.9              |
| Copper, nickel, lead, and zinc mining                           | 21223       | .24                                   | 101.8                     | 106.2             | 102.5             | 103.3             | 108.0            | 109.3             | 98.4                      | 104.1             | 102.5             | 104.5             | 106.5            | 111.0             |
| Nonmetallic mineral mining and quarrying                        | 2123        | .64                                   | 83.0                      | 82.6              | 80.8              | 82.6              | 81.2             | 82.4              | 63.7                      | 61.8              | 68.3              | 81.5              | 90.5             | 93.6              |
| <b>Support activities for mining</b>                            | <b>213</b>  | 1.91                                  | 149.5                     | 147.3             | 149.4             | 151.1             | 152.5            | 156.0             | 146.1                     | 146.0             | 148.0             | 150.7             | 154.1            | 157.0             |
| Drilling oil and gas wells                                      | 213111      | .77                                   | 169.3                     | 167.5             | 171.0             | 174.3             | 177.3            | 179.9             | 165.4                     | 165.9             | 169.2             | 173.4             | 177.4            | 180.2             |
| <b>Electric power generation, transmission and distribution</b> | <b>2211</b> | 7.98                                  | 112.4                     | 112.8             | 112.4             | 112.3             | 109.3            | 112.5             | 115.6                     | 108.5             | 105.2             | 97.8              | 101.7            | 118.6             |
| Electric power generation                                       | 22111       | 3.21                                  | 107.2                     | 106.5             | 107.4             | 107.6             | 104.8            | 108.1             | 109.9                     | 106.1             | 99.8              | 95.2              | 98.9             | 115.8             |
| Hydroelectric power generation                                  | 221111      | .19                                   | 93.9                      | 92.4              | 90.6              |                   |                  |                   | 99.0                      | 97.0              | 94.1              |                   |                  |                   |
| Fossil fuel and other electric power generation                 | 221112,9    | 1.68                                  | 115.2                     | 112.5             | 113.2             |                   |                  |                   | 114.1                     | 108.4             | 102.0             |                   |                  |                   |
| Nuclear electric power generation                               | 221113      | 1.34                                  | 99.9                      | 101.7             | 103.2             |                   |                  |                   | 106.7                     | 104.8             | 98.1              |                   |                  |                   |
| Electric power transmission, control, and distribution          | 22112       | 4.77                                  | 116.2                     | 117.3             | 116.0             | 115.7             | 112.4            | 115.6             | 119.7                     | 110.2             | 109.2             | 99.6              | 103.7            | 120.6             |
| Commercial and other electricity sales                          | 22112pt.    | 1.92                                  | 123.8                     | 125.6             | 124.5             |                   |                  |                   | 119.8                     | 113.5             | 116.4             |                   |                  |                   |
| Industrial electricity sales                                    | 22112pt.    | .80                                   | 106.7                     | 106.4             | 106.3             |                   |                  |                   | 102.9                     | 99.7              | 103.8             |                   |                  |                   |
| Residential electricity sales                                   | 22112pt.    | 2.04                                  | 113.8                     | 115.0             | 113.0             |                   |                  |                   | 126.6                     | 111.7             | 105.2             |                   |                  |                   |
| <b>Natural gas distribution</b>                                 | <b>2212</b> | 1.70                                  | 103.2                     | 108.0             | 100.9             | 103.7             | 104.6            | 102.9             | 180.6                     | 168.5             | 141.5             | 96.7              | 70.4             | 58.5              |
| Commercial and other gas sales                                  | 2212pt.     | .29                                   | 98.5                      | 104.4             | 97.2              | 100.4             |                  |                   | 180.0                     | 173.3             | 144.0             | 97.7              |                  |                   |
| Industrial gas sales  | 2212pt.     | .14                                   | 110.0                     | 104.8             | 104.4             | 102.1             |                  |                   | 109.0                     | 97.4              | 98.2              | 94.6              |                  |                   |
| Residential gas sales   | 2212pt.     | .81                                   | 98.0                      | 105.6             | 97.1              | 102.1             |                  |                   | 215.6                     | 201.1             | 161.6             | 97.7              |                  |                   |
| Gas transmission  | 2212pt.     | .46                                   | 105.0                     | 106.6             | 100.8             | 100.9             |                  |                   | 141.4                     | 129.8             | 117.9             | 95.7              |                  |                   |
| <b>Food</b>   | <b>311</b>  | 8.26                                  | 112.2                     | 111.9             | 113.8             | 113.3             | 113.0            | 112.0             | 109.5                     | 108.9             | 111.0             | 111.2             | 111.7            | 112.7             |
| Animal food   | 3111        | .61                                   | 128.0                     | 130.7             | 136.9             | 137.1             | 131.5            | 129.6             | 131.7                     | 130.4             | 135.1             | 134.1             | 129.4            | 129.8             |
| Grain and oilseed milling                                       | 3112        | .82                                   | 105.0                     | 104.9             | 107.3             | 107.7             | 105.5            | 106.4             | 104.7                     | 103.9             | 106.4             | 105.8             | 104.2            | 104.2             |
| Sugar and confectionery product                                 | 3113        | .54                                   | 115.4                     | 110.5             | 112.2             | 110.8             | 110.5            | 109.8             | 117.0                     | 111.2             | 106.9             | 102.0             | 102.3            | 100.3             |
| Fruit and vegetable preserving and specialty food               | 3114        | .86                                   | 99.5                      | 100.8             | 99.6              | 98.2              | 101.6            | 100.4             | 90.0                      | 88.5              | 89.2              | 89.7              | 93.9             | 96.4              |
| Dairy product   | 3115        | .90                                   | 108.4                     | 106.6             | 108.1             | 107.7             | 107.0            | 107.1             | 104.9                     | 109.2             | 114.2             | 115.8             | 115.2            | 116.0             |
| Dairy product (except frozen)                                   | 31151       | .75                                   | 110.5                     | 108.0             | 108.2             | 109.2             | 107.3            | 107.8             | 109.7                     | 112.0             | 114.7             | 116.4             | 114.8            | 112.9             |
| Fluid milk  | 311511      | .36                                   | 109.8                     | 109.2             | 109.4             | 109.5             | 109.8            |                   | 109.7                     | 111.3             | 113.0             | 114.2             | 114.3            |                   |
| Creamery butter   | 311512      | .01                                   | 113.2                     | 109.2             | 120.6             | 114.4             | 113.3            |                   | 136.6                     | 129.2             | 131.1             | 127.0             | 119.1            |                   |
| Cheese  | 311513      | .20                                   | 111.3                     | 111.5             | 108.4             | 111.2             | 109.9            |                   | 109.5                     | 112.9             | 112.3             | 112.5             | 111.2            |                   |
| Dry, condensed, and evaporated dairy product                    | 311514      | .18                                   | 111.1                     | 102.4             | 105.3             | 106.7             | 99.8             |                   | 107.5                     | 110.7             | 118.5             | 122.9             | 118.2            |                   |
| Ice cream and frozen dessert                                    | 31152       | .15                                   | 99.4                      | 100.8             | 107.9             | 101.3             | 106.4            |                   | 82.6                      | 95.9              | 112.3             | 113.5             | 117.2            |                   |
| Animal slaughtering and processing                              | 3116        | 1.80                                  | 119.2                     | 118.0             | 120.7             | 119.8             | 118.9            | 116.5             | 117.5                     | 115.9             | 117.2             | 120.5             | 118.2            | 120.5             |
| Animal (except poultry) slaughtering and meat                   | 311611-3    | .89                                   | 113.4                     | 111.5             | 113.0             | 114.1             | 111.6            | 109.4             | 111.4                     | 108.9             | 109.9             | 113.1             | 109.3            | 113.3             |
| Beef  | 311611-3pt. | .51                                   | 104.3                     | 103.5             | 104.1             | 106.9             | 106.4            |                   | 99.1                      | 98.3              | 99.1              | 104.1             | 107.6            |                   |
| Pork  | 311611-3pt. | .38                                   | 129.0                     | 125.2             | 128.1             | 126.6             | 120.9            |                   | 132.2                     | 126.6             | 127.8             | 128.4             | 113.3            |                   |
| Miscellaneous meats   | 311611-3pt. | .01                                   | 75.5                      | 79.8              | 78.6              | 80.3              | 82.4             |                   | 74.8                      | 81.6              | 85.6              | 81.4              | 79.3             |                   |
| Poultry processing  | 311615      | .91                                   | 125.7                     | 125.2             | 129.1             | 125.9             | 126.8            |                   | 124.3                     | 123.5             | 125.2             | 128.7             | 127.9            |                   |
| Bakeries and tortilla   | 3118        | 1.11                                  | 95.5                      | 96.8              | 98.2              | 98.0              | 98.2             | 97.2              | 91.7                      | 93.8              | 95.9              | 95.2              | 97.6             | 97.7              |
| Other food  | 3119        | 1.44                                  | 127.4                     | 126.3             | 129.4             | 130.5             | 130.9            | 129.2             | 124.8                     | 121.5             | 125.4             | 127.2             | 130.6            | 129.8             |
| Coffee and tea  | 31192       | .13                                   | 112.7                     | 113.3             | 114.6             | 115.5             | 116.1            | 113.9             | 111.6                     | 109.7             | 112.7             | 114.0             | 116.2            | 115.2             |
| <b>Beverage and tobacco product</b>                             | <b>312</b>  | 2.49                                  | 102.5                     | 100.1             | 103.2             | 101.8             | 103.8            | 103.2             | 97.7                      | 101.4             | 101.0             | 104.8             | 104.9            | 112.1             |
| Beverage  | 3121        | 1.40                                  | 110.4                     | 108.0             | 112.7             | 108.7             | 111.8            | 111.2             | 103.2                     | 107.3             | 109.7             | 111.9             | 116.5            | 117.9             |
| Soft drink and ice  | 31211       | .62                                   | 111.3                     | 107.6             | 109.3             | 106.5             | 111.4            | 110.0             | 106.6                     | 102.1             | 105.3             | 107.6             | 112.5            | 115.9             |
| Breweries   | 31212       | .42                                   | 111.1                     | 107.3             | 116.4             |                   |                  |                   | 105.2                     | 106.8             | 117.8             |                   |                  |                   |
| Tobacco   | 3122        | 1.09                                  | 94.0                      | 91.5              | 92.9              | 94.2              | 94.9             | 94.5              | 91.6                      | 94.8              | 91.5              | 97.0              | 92.3             | 105.8             |
| <b>Textile mills</b>  | <b>313</b>  | .48                                   | 66.8                      | 66.5              | 65.2              | 64.4              | 65.4             | 64.3              | 65.8                      | 65.7              | 65.7              | 65.2              | 66.4             | 65.5              |
| Fiber, yarn, and thread mills                                   | 3131        | .10                                   | 68.9                      | 71.7              | 66.7              | 71.0              | 71.7             |                   | 71.0                      | 73.4              | 68.4              | 74.4              | 73.7             |                   |
| Fabric mills  | 3132        | .27                                   | 69.7                      | 69.0              | 68.4              | 64.9              | 66.6             | 65.0              | 67.6                      | 66.9              | 68.4              | 65.0              | 67.8             | 66.4              |
| Textile and fabric finishing and fabric coating                 | 3133        | .11                                   | 59.2                      | 57.4              | 57.3              | 58.2              | 58.2             | 56.9              | 57.8                      | 57.1              | 57.8              | 58.6              | 57.8             | 58.1              |
| <b>Textile product mills</b>                                    | <b>314</b>  | .45                                   | 87.0                      | 87.8              | 88.7              | 87.1              | 87.3             | 87.8              | 83.7                      | 86.1              | 90.4              | 92.2              | 85.9             | 92.7              |
| Textile furnishings mills                                       | 3141        | .27                                   | 76.1                      | 75.7              | 76.3              | 75.6              | 75.2             | 75.1              | 72.5                      | 75.3              | 79.1              | 82.4              | 71.6             | 80.3              |
| Carpet and rug mills  | 31411       | .20                                   | 83.4                      | 83.9              | 84.4              |                   |                  |                   | 79.0                      | 83.3              | 88.5              |                   |                  |                   |
| Other textile product mills                                     | 3149        | .18                                   | 108.3                     | 111.2             | 112.9             | 109.3             | 110.8            | 112.4             | 105.2                     | 107.0             | 112.1             | 111.0             | 113.6            | 116.6             |

r Revised. p Preliminary.

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

**Table 1 (continued)**  
**INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES**

| Item   | NAICS      | 2007<br>IP<br>Proportion <sup>1</sup> | Index, 2002 = 100         |                   |                   |                   |                  |                   |                           |                   |                   |                   |                  |                   |
|--|------------|---------------------------------------|---------------------------|-------------------|-------------------|-------------------|------------------|-------------------|---------------------------|-------------------|-------------------|-------------------|------------------|-------------------|
|  |            |                                       | Seasonally adjusted       |                   |                   |                   |                  |                   | Not seasonally adjusted   |                   |                   |                   |                  |                   |
|  |            |                                       | 2008<br>Jan. <sup>r</sup> | Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>r</sup> | May <sup>r</sup> | June <sup>p</sup> | 2008<br>Jan. <sup>r</sup> | Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>r</sup> | May <sup>r</sup> | June <sup>p</sup> |
| <b>Apparel</b>                                   | <b>315</b> | .49                                   | 74.2                      | 73.9              | 72.2              | 71.8              | 70.1             | 70.8              | 71.8                      | 73.4              | 72.5              | 73.5              | 71.0             | 72.7              |
| <b>Leather and allied product</b>                | <b>316</b> | .09                                   | 103.7                     | 101.7             | 102.6             | 103.9             | 103.4            | 106.5             | 102.0                     | 100.3             | 103.8             | 104.8             | 105.1            | 106.8             |
| <b>Wood product</b>                              | <b>321</b> | 1.19                                  | 92.3                      | 91.5              | 91.0              | 90.9              | 89.3             | 90.0              | 88.2                      | 89.1              | 89.8              | 92.4              | 90.0             | 93.9              |
| Sawmills and wood preservation                   | 3211       | .25                                   | 91.2                      | 91.3              | 93.8              |                   |                  |                   | 89.7                      | 94.3              | 94.0              |                   |                  |                   |
| Plywood and misc. wood products                  | 3212,9     | .93                                   | 92.5                      | 91.5              | 90.2              | 89.7              | 89.3             | 89.2              | 87.8                      | 87.7              | 88.7              | 89.8              | 90.2             | 93.2              |
| Veneer, plywood, and engineered wood product     | 3212       | .26                                   | 82.1                      | 78.8              | 78.7              | 76.8              | 75.3             | 74.6              | 77.8                      | 77.8              | 79.3              | 79.5              | 77.6             | 80.8              |
| Veneer and plywood                               | 321211,2   | .08                                   | 87.5                      | 87.7              | 85.0              |                   |                  |                   | 82.3                      | 89.5              | 91.2              |                   |                  |                   |
| Reconstituted wood product                       | 321219     | .09                                   | 91.2                      | 86.2              | 91.4              | 85.3              | 85.2             | 86.3              | 91.5                      | 90.2              | 92.5              | 95.2              | 83.8             | 91.4              |
| Other wood product                               | 3219       | .67                                   | 97.1                      | 97.1              | 95.3              | 95.4              | 95.4             | 95.6              | 92.3                      | 92.2              | 92.9              | 94.4              | 95.8             | 98.7              |
| Millwork   | 32191      | .36                                   | 105.2                     | 103.8             | 102.7             | 100.0             | 98.5             | 98.6              | 100.2                     | 98.3              | 100.1             | 99.4              | 99.7             | 101.7             |
| Wood container and pallet                        | 32192      | .09                                   | 131.8                     | 131.9             | 129.6             | 131.3             | 131.7            | 135.6             | 128.5                     | 128.2             | 126.9             | 128.5             | 130.7            | 138.8             |
| All other wood product                           | 32199      | .22                                   | 76.4                      | 78.0              | 75.6              | 78.3              | 80.2             | 79.4              | 71.5                      | 73.6              | 73.5              | 77.6              | 80.0             | 82.5              |
| Manufactured home                                | 321991     | .08                                   | 61.9                      | 65.9              | 64.1              | 67.3              | 67.9             |                   | 53.7                      | 60.7              | 60.8              | 67.4              | 68.0             |                   |
| <b>Paper</b>                                     | <b>322</b> | 2.54                                  | 96.0                      | 93.7              | 95.1              | 93.8              | 95.3             | 94.6              | 95.9                      | 94.7              | 95.2              | 95.3              | 93.2             | 95.6              |
| Pulp, paper, and paperboard mills                | 3221       | 1.35                                  | 98.2                      | 96.2              | 96.2              | 95.6              | 96.6             | 97.0              | 98.1                      | 97.5              | 97.0              | 95.8              | 94.7             | 97.6              |
| Pulp mills                                       | 32211      | .06                                   | 95.4                      | 93.9              | 93.0              | 92.8              |                  |                   | 95.4                      | 94.4              | 91.8              | 93.1              |                  |                   |
| Paper mills                                      | 32212      | .89                                   | 99.7                      | 97.7              | 97.9              | 97.3              | 99.0             | 99.5              | 100.3                     | 99.7              | 99.2              | 98.0              | 96.1             | 99.8              |
| Paper (except newsprint) mills                   | 322121     | .85                                   | 100.7                     | 98.7              | 98.9              | 98.3              |                  |                   | 101.1                     | 100.7             | 100.5             | 98.9              |                  |                   |
| Paperboard mills                                 | 32213      | .40                                   | 94.8                      | 92.7              | 92.8              | 91.8              |                  |                   | 93.6                      | 92.9              | 92.5              | 91.3              |                  |                   |
| Converted paper product                          | 3222       | 1.19                                  | 93.7                      | 91.1              | 93.9              | 92.0              | 94.1             | 92.0              | 93.5                      | 91.8              | 93.3              | 94.9              | 91.7             | 93.6              |
| Paperboard container                             | 32221      | .57                                   | 93.4                      | 91.1              | 94.2              | 91.7              | 92.3             |                   | 91.8                      | 90.8              | 92.5              | 97.3              | 90.2             |                   |
| Paper bag and coated and treated paper           | 32222      | .29                                   | 100.7                     | 95.5              | 101.3             | 98.6              | 105.0            | 100.1             | 100.6                     | 97.2              | 102.3             | 99.5              | 101.2            | 100.9             |
| Other converted paper products                   | 32223,9    | .33                                   | 88.9                      | 87.8              | 87.9              | 87.5              | 88.8             | 89.2              | 90.9                      | 89.4              | 87.7              | 87.6              | 87.1             | 89.1              |
| <b>Printing and related support activities</b>   | <b>323</b> | 1.87                                  | 98.4                      | 97.3              | 98.6              | 97.8              | 97.2             | 95.3              | 97.1                      | 96.4              | 98.4              | 97.1              | 96.4             | 94.9              |
| <b>Petroleum and coal products</b>               | <b>324</b> | 5.24                                  | 111.7                     | 110.6             | 109.3             | 110.4             | 109.7            | 110.1             | 106.3                     | 105.0             | 105.2             | 110.5             | 112.5            | 114.7             |
| Petroleum refineries                             | 32411      | 4.80                                  | 113.5                     | 112.2             | 111.0             | 112.1             | 110.9            | 111.5             | 108.9                     | 107.4             | 107.3             | 112.6             | 113.9            | 115.7             |
| Aviation fuel and kerosene                       | 32411pt.   | .54                                   | 103.0                     | 101.2             | 101.2             | 102.7             |                  |                   | 102.6                     | 97.9              | 98.6              | 99.6              |                  |                   |
| Distillate fuel oil                              | 32411pt.   | 1.19                                  | 126.5                     | 125.4             | 121.3             | 126.7             |                  |                   | 122.1                     | 118.0             | 117.1             | 127.4             |                  |                   |
| Automotive gasoline                              | 32411pt.   | 2.25                                  | 113.6                     | 112.5             | 111.9             | 110.2             |                  |                   | 109.8                     | 109.0             | 107.2             | 110.4             |                  |                   |
| Residual fuel oil                                | 32411pt.   | .15                                   | 98.9                      | 110.8             | 116.5             | 123.7             |                  |                   | 104.1                     | 113.6             | 116.9             | 125.0             |                  |                   |
| Other refinery output                            | 32411pt.   | .67                                   | 106.7                     | 102.3             | 100.5             | 102.9             | 100.3            | 101.9             | 92.8                      | 93.5              | 99.0              | 107.0             | 110.7            | 112.3             |
| Paving, roofing, and other petroleum and coal    | 32412,9    | .44                                   | 96.4                      | 97.3              | 96.1              | 96.0              | 100.9            | 99.3              | 83.6                      | 84.7              | 86.6              | 92.0              | 101.4            | 108.3             |
| <b>Chemical</b>                                  | <b>325</b> | 11.57                                 | 114.6                     | 113.8             | 113.5             | 113.6             | 113.8            | 113.5             | 113.7                     | 113.7             | 114.1             | 114.6             | 115.2            | 114.1             |
| Basic chemical                                   | 3251       | 3.00                                  | 119.1                     | 118.2             | 119.0             | 118.2             | 120.0            | 116.7             | 119.8                     | 118.3             | 119.4             | 119.2             | 120.1            | 115.5             |
| Organic chemicals                                | 32511,9    | 2.17                                  | 126.6                     | 125.1             | 126.1             | 125.2             | 126.4            | 123.2             | 125.8                     | 123.8             | 125.2             | 125.0             | 127.1            | 124.2             |
| Basic inorganic chemicals                        | 32512-8    | .83                                   | 107.8                     | 108.1             | 108.4             | 108.2             | 111.0            | 107.4             | 111.9                     | 111.3             | 111.7             | 111.5             | 109.8            | 101.3             |
| Industrial gas                                   | 32512      | .16                                   | 134.4                     | 139.4             | 142.8             | 144.5             | 146.2            | 147.6             | 133.3                     | 138.4             | 142.3             | 144.8             | 147.4            | 149.7             |
| Synthetic dye and pigment                        | 32513      | .12                                   | 86.3                      | 89.6              | 91.4              | 87.4              | 86.6             | 83.9              | 85.6                      | 88.5              | 89.1              | 85.2              | 84.7             | 84.0              |
| Other basic inorganic chemical                   | 32518      | .55                                   | 105.7                     | 104.2             | 103.4             | 103.5             | 107.4            | 102.5             | 112.2                     | 109.3             | 108.8             | 108.8             | 105.9            | 93.0              |
| Alkalies and chlorine                            | 325181     | .11                                   | 110.0                     | 106.4             | 103.1             | 99.7              | 108.7            |                   | 112.6                     | 106.1             | 104.8             | 99.6              | 106.9            |                   |
| All other basic inorganic chemical               | 325188     | .43                                   | 105.8                     | 104.6             | 104.4             | 105.2             | 108.3            | 101.4             | 113.4                     | 111.3             | 111.0             | 112.1             | 106.7            | 89.2              |
| Acids, phosphates, and sulfates                  | 325188pt.  | .05                                   | 118.9                     | 117.4             | 117.0             | 117.9             | 118.2            | 117.8             | 119.8                     | 118.4             | 117.8             | 118.2             | 118.3            | 118.2             |
| Misc. inorganic chemicals                        | 325188pt.  | .21                                   | 89.3                      | 86.6              | 86.2              | 88.1              | 89.4             | 89.9              | 90.4                      | 87.5              | 87.3              | 89.3              | 90.0             | 89.3              |
| Resin, synthetic rubber, and synthetic fibers    | 3252       | 1.18                                  | 107.5                     | 103.5             | 103.9             | 105.2             | 105.6            | 107.2             | 107.4                     | 105.8             | 104.1             | 107.1             | 106.1            | 108.0             |
| Resin and synthetic rubber                       | 32521      | 1.07                                  | 110.6                     | 106.8             | 107.7             | 109.4             | 110.1            | 111.8             | 110.8                     | 109.1             | 107.7             | 111.0             | 110.4            | 112.4             |
| Plastics material and resin                      | 325211     | .99                                   | 110.6                     | 105.9             | 107.3             | 108.6             | 109.7            |                   | 110.4                     | 108.4             | 107.1             | 110.5             | 109.7            |                   |
| Synthetic rubber                                 | 325212     | .08                                   | 109.2                     | 115.4             | 110.9             | 116.5             | 113.6            | 116.9             | 113.6                     | 115.1             | 112.8             | 115.4             | 116.0            | 117.6             |
| Artificial and synthetic fibers and filaments    | 32522      | .11                                   | 85.5                      | 79.7              | 77.1              | 75.2              | 72.9             |                   | 83.2                      | 82.2              | 77.8              | 78.4              | 74.9             |                   |
| Pesticide, fertilizer, and other agricultural    | 3253       | .49                                   | 112.0                     | 108.7             | 109.9             | 109.8             | 109.9            | 108.6             | 112.2                     | 110.3             | 111.7             | 112.9             | 112.6            | 110.3             |
| Pharmaceutical and medicine                      | 3254       | 4.53                                  | 120.5                     | 120.8             | 119.7             | 119.9             | 119.2            | 119.9             | 119.0                     | 121.0             | 121.4             | 120.6             | 121.8            | 120.1             |
| Paints, soaps and toiletries, and other chemical | 3255-9     | 2.38                                  | 105.8                     | 105.1             | 104.6             | 104.9             | 104.5            | 105.6             | 103.7                     | 103.0             | 103.6             | 105.6             | 106.1            | 108.8             |
| Paints and other chemical products               | 3255,9     | 1.19                                  | 94.2                      | 92.6              | 92.6              | 93.3              | 92.6             | 93.7              | 90.7                      | 89.5              | 91.9              | 94.3              | 96.3             | 99.4              |
| Paint, coating, and adhesive                     | 3255       | .54                                   | 99.4                      | 98.8              | 97.6              | 96.6              | 98.1             | 98.2              | 90.9                      | 92.4              | 94.6              | 99.1              | 105.7            | 109.9             |
| Paint and coating                                | 32551      | .38                                   | 86.5                      | 86.4              | 87.0              | 87.1              | 87.0             | 86.6              | 75.7                      | 78.8              | 84.5              | 91.6              | 97.7             | 101.6             |
| Soaps and toiletries                             | 3256       | 1.19                                  | 117.1                     | 117.4             | 116.2             | 116.2             | 116.1            | 117.1             | 116.6                     | 116.6             | 114.9             | 116.4             | 114.9            | 117.1             |
| <b>Plastics and rubber products</b>              | <b>326</b> | 3.04                                  | 103.0                     | 103.1             | 101.8             | 101.0             | 101.2            | 102.1             | 102.1                     | 102.1             | 101.6             | 101.8             | 101.5            | 103.5             |
| Plastics product                                 | 3261       | 2.53                                  | 103.6                     | 103.1             | 101.2             | 101.4             | 101.6            | 102.9             | 102.2                     | 101.5             | 100.8             | 101.7             | 101.7            | 104.1             |
| Rubber product                                   | 3262       | .51                                   | 100.4                     | 102.5             | 104.8             | 98.9              | 99.4             | 98.2              | 101.2                     | 104.9             | 105.5             | 102.1             | 99.9             | 100.8             |
| Tire   | 32621      | .20                                   | 89.9                      | 92.3              | 97.8              | 90.8              | 89.4             | 89.2              | 92.3                      | 100.0             | 99.1              | 98.1              | 91.8             | 92.9              |
| Rubber products ex. tires                        | 32622,9    | .31                                   | 108.5                     | 110.2             | 110.4             | 105.2             | 107.0            | 105.1             | 108.0                     | 108.8             | 110.6             | 105.4             | 106.2            | 106.8             |

r Revised. p Preliminary.

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

**Table 1 (continued)**  
**INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES**

| Item   | NAICS      | 2007<br>IP<br>Proportion <sup>1</sup> | Index, 2002 = 100         |                   |                   |                   |                  |                   |                           |                   |                   |                   |                  |                   |
|--|------------|---------------------------------------|---------------------------|-------------------|-------------------|-------------------|------------------|-------------------|---------------------------|-------------------|-------------------|-------------------|------------------|-------------------|
|  |            |                                       | Seasonally adjusted       |                   |                   |                   |                  |                   | Not seasonally adjusted   |                   |                   |                   |                  |                   |
|  |            |                                       | 2008<br>Jan. <sup>r</sup> | Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>r</sup> | May <sup>r</sup> | June <sup>p</sup> | 2008<br>Jan. <sup>r</sup> | Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>r</sup> | May <sup>r</sup> | June <sup>p</sup> |
| <b>Nonmetallic mineral product</b>   | <b>327</b> | 2.25                                  | 106.1                     | 104.3             | 106.3             | 104.7             | 104.7            | 102.1             | 97.6                      | 96.8              | 101.6             | 105.3             | 107.0            | 107.1             |
| Clay, lime, gypsum, and misc. nonmetallic mineral                              | 3271,4,9   | .72                                   | 108.8                     | 107.6             | 107.6             | 104.9             | 103.5            | 100.2             | 105.9                     | 105.3             | 105.7             | 105.2             | 104.3            | 103.0             |
| Clay and misc. nonmetallic mineral products                                    | 3271,9     | .57                                   | 111.9                     | 108.8             | 109.4             | 107.2             | 105.1            | 102.2             | 108.4                     | 106.2             | 107.3             | 106.1             | 105.9            | 104.8             |
| Clay product and refractory  | 3271       | .15                                   | 73.7                      | 71.7              | 72.6              | 70.9              | 72.2             | 71.3              | 73.3                      | 71.5              | 72.7              | 70.9              | 72.4             | 72.7              |
| Pottery, ceramics, and plumbing fixture  | 32711      | .06                                   | 77.9                      | 77.4              | 81.9              | 79.0              | 83.8             | 82.9              | 77.1                      | 75.9              | 81.2              | 78.4              | 82.9             | 82.9              |
| Clay building material and refractories  | 32712      | .10                                   | 71.0                      | 68.1              | 66.5              | 65.6              | 64.8             | 63.9              | 70.9                      | 68.6              | 67.2              | 66.1              | 65.6             | 66.1              |
| Other nonmetallic mineral product  | 3279       | .42                                   | 134.1                     | 130.4             | 130.8             | 128.3             | 124.3            | 120.1             | 128.9                     | 126.5             | 127.5             | 126.6             | 125.5            | 123.5             |
| Lime and gypsum product  | 3274       | .15                                   | 98.8                      | 105.0             | 102.8             | 98.2              | 99.3             | 94.5              | 98.4                      | 104.3             | 101.7             | 104.1             | 100.0            | 98.2              |
| Glass and glass product  | 3272       | .44                                   | 110.8                     | 106.6             | 106.6             | 107.7             | 109.6            | 108.6             | 109.3                     | 107.2             | 106.7             | 108.4             | 108.9            | 109.1             |
| Glass container  | 327213     | .08                                   | 94.4                      | 90.3              | 93.1              | 90.4              | 92.9             |                   | 93.5                      | 93.8              | 94.4              | 94.1              | 94.8             |                   |
| Cement and concrete product  | 3273       | 1.09                                  | 102.6                     | 101.4             | 105.5             | 103.6             | 103.6            | 100.7             | 87.6                      | 87.2              | 97.1              | 104.2             | 108.1            | 109.1             |
| Cement   | 32731      | .23                                   | 102.5                     | 99.3              | 101.5             | 103.7             | 102.6            |                   | 72.0                      | 77.9              | 91.1              | 112.1             | 115.4            |                   |
| Concrete and product   | 32732-9    | .86                                   | 102.3                     | 101.6             | 106.2             | 103.2             | 103.4            | 100.9             | 91.9                      | 89.8              | 98.9              | 102.3             | 106.3            | 107.3             |
| <b>Primary metal</b>   | <b>331</b> | 2.70                                  | 115.2                     | 114.0             | 112.9             | 111.5             | 108.8            | 111.9             | 114.0                     | 117.6             | 116.2             | 112.3             | 109.7            | 112.6             |
| Iron and steel products  | 3311,2     | 1.32                                  | 121.7                     | 124.6             | 119.4             | 118.3             | 113.9            | 119.2             | 119.1                     | 130.1             | 125.8             | 119.2             | 115.8            | 120.1             |
| Pig iron   | 3311,2pt.  | .11                                   | 92.9                      | 101.8             | 99.8              | 104.7             | 100.7            |                   | 93.0                      | 106.5             | 105.4             | 107.6             | 102.9            |                   |
| Raw steel  | 3311,2pt.  | .08                                   | 124.7                     | 121.4             | 119.2             | 119.1             | 120.7            |                   | 122.4                     | 124.7             | 121.7             | 123.2             | 122.7            |                   |
| Coke and products  | 3311,2pt.  | .02                                   | 104.3                     | 103.7             | 103.3             | 103.0             | 102.7            | 102.3             | 101.5                     | 100.7             | 101.9             | 104.0             | 105.1            | 104.1             |
| Construction steel   | 3311,2pt.  | .16                                   | 143.1                     | 121.7             | 109.5             | 103.8             | 112.8            |                   | 136.4                     | 127.5             | 113.2             | 106.2             | 117.9            |                   |
| Consumer durable steel   | 3311,2pt.  | .17                                   | 118.4                     | 122.9             | 113.8             | 109.6             | 107.5            |                   | 118.8                     | 131.2             | 119.8             | 112.6             | 112.5            |                   |
| Can and closure steel  | 3311,2pt.  | .03                                   | 82.3                      | 97.9              | 115.2             | 132.6             | 93.0             |                   | 81.6                      | 96.4              | 116.8             | 127.4             | 97.5             |                   |
| Equipment steel  | 3311,2pt.  | .08                                   | 127.2                     | 132.4             | 131.4             | 128.0             | 120.0            |                   | 125.7                     | 138.6             | 135.5             | 127.9             | 121.9            |                   |
| Miscellaneous steel  | 3311,2pt.  | .65                                   | 125.3                     | 132.3             | 127.0             | 125.5             | 118.7            |                   | 121.8                     | 137.9             | 135.2             | 124.9             | 118.4            |                   |
| Alumina and aluminum production and processing                                 | 3313       | .37                                   | 118.8                     | 106.2             | 117.3             | 108.3             | 108.6            | 110.1             | 117.9                     | 111.2             | 117.2             | 110.1             | 107.6            | 111.8             |
| Primary aluminum production  | 331312     | .08                                   | 106.6                     | 106.5             | 106.0             | 106.4             | 106.9            | 106.6             | 105.8                     | 106.7             | 106.8             | 107.8             | 108.2            | 106.7             |
| Secondary smelting and alloying of aluminum                                    | 331314     | .07                                   | 278.4                     | 253.1             | 280.7             | 282.2             | 253.7            |                   | 275.9                     | 272.6             | 272.8             | 271.9             | 245.9            |                   |
| Misc. aluminum materials   | 331315,9   | .14                                   | 102.1                     | 84.0              | 99.5              | 84.8              | 89.7             |                   | 101.9                     | 88.7              | 100.5             | 87.7              | 88.3             |                   |
| Aluminum extruded product  | 331316     | .06                                   | 90.8                      | 79.3              | 89.5              | 73.3              | 79.2             |                   | 89.3                      | 84.1              | 89.9              | 79.9              | 79.5             |                   |
| Nonferrous metal (except aluminum) production and processing                   | 3314       | .45                                   | 101.5                     | 98.9              | 97.7              | 98.5              | 96.1             | 96.1              | 101.1                     | 100.5             | 98.2              | 99.0              | 96.1             | 94.7              |
| Nonferrous metal (except aluminum) smelting and refining                       | 33141      | .14                                   | 89.1                      | 86.0              | 86.7              | 90.2              | 84.5             | 88.9              | 88.3                      | 89.7              | 90.4              | 92.2              | 85.4             | 85.9              |
| Primary smelting and refining of copper  | 331411     | .07                                   | 69.1                      | 67.5              | 67.2              | 69.3              | 67.0             | 69.0              | 65.6                      | 69.3              | 68.9              | 70.4              | 69.3             | 70.0              |
| Primary smelting and refining of nonferrous                                    | 331419     | .07                                   | 113.3                     | 108.1             | 110.3             |                   |                  |                   | 116.5                     | 114.2             | 116.5             |                   |                  |                   |
| Foundries  | 3315       | .56                                   | 110.9                     | 109.6             | 109.3             | 110.7             | 109.5            | 111.6             | 111.8                     | 109.8             | 110.5             | 110.8             | 109.9            | 112.9             |
| <b>Fabricated metal product</b>  | <b>332</b> | 5.58                                  | 113.4                     | 113.2             | 113.2             | 112.2             | 112.3            | 110.4             | 112.0                     | 111.4             | 112.7             | 112.2             | 112.2            | 111.4             |
| Forging and stamping   | 3321       | .44                                   | 119.6                     | 119.8             | 121.8             | 125.0             | 124.1            | 122.0             | 120.9                     | 119.9             | 123.2             | 125.4             | 124.1            | 122.7             |
| Cutlery and handtool   | 3322       | .17                                   | 69.4                      | 72.1              | 69.9              | 69.0              | 70.1             | 67.3              | 69.8                      | 72.1              | 70.2              | 69.7              | 69.3             | 66.9              |
| Architectural and structural metals  | 3323       | 1.35                                  | 116.9                     | 117.2             | 115.5             | 113.8             | 114.0            | 111.4             | 114.3                     | 112.6             | 112.5             | 112.5             | 113.4            | 113.3             |
| Hardware   | 3325       | .17                                   | 78.0                      | 71.6              | 69.4              | 70.0              | 67.7             | 65.4              | 77.7                      | 71.1              | 69.4              | 70.5              | 68.3             | 67.0              |
| Spring and wire product  | 3326       | .14                                   | 87.5                      | 85.5              | 84.7              | 84.2              | 82.3             | 80.9              | 86.1                      | 84.7              | 84.4              | 83.8              | 81.9             | 82.8              |
| Machine shops; turned product; and screw, nut, and bolt                        | 3327       | 1.19                                  | 133.2                     | 134.0             | 135.3             | 132.8             | 132.3            | 130.7             | 132.8                     | 133.7             | 136.3             | 133.8             | 132.2            | 131.1             |
| Coating, engraving, heat treating, and allied                                  | 3328       | .46                                   | 118.9                     | 117.0             | 120.2             | 119.8             | 119.5            | 115.7             | 117.1                     | 117.5             | 121.8             | 119.8             | 119.5            | 115.1             |
| Other fabricated metal product   | 3329       | 1.24                                  | 112.5                     | 112.9             | 112.8             | 111.4             | 112.3            | 111.5             | 112.3                     | 112.0             | 112.4             | 111.2             | 111.7            | 111.8             |
| Ball and roller bearing  | 332991     | .15                                   | 100.5                     | 101.9             | 103.3             | 103.7             | 103.6            | 104.2             | 99.9                      | 99.6              | 100.4             | 99.8              | 101.5            | 106.7             |
| <b>Machinery</b>   | <b>333</b> | 4.89                                  | 115.2                     | 114.3             | 115.7             | 112.6             | 112.3            | 111.2             | 113.0                     | 114.0             | 118.8             | 116.4             | 113.5            | 114.5             |
| Agriculture, construction, and mining machinery                                | 3331       | 1.02                                  | 148.6                     | 150.6             | 152.0             | 135.6             | 137.2            | 134.7             | 147.4                     | 152.4             | 156.2             | 145.4             | 141.2            | 138.1             |
| Agricultural implement   | 33311      | .37                                   | 108.0                     | 113.8             | 115.9             | 106.9             | 105.9            | 97.8              | 108.4                     | 116.3             | 120.5             | 119.9             | 110.7            | 100.7             |
| Farm machinery and equipment   | 333111     | .29                                   | 107.4                     | 114.5             | 116.3             | 106.2             | 106.0            | 94.6              | 106.4                     | 115.5             | 120.1             | 120.2             | 110.4            | 99.4              |
| Construction machinery   | 33312      | .36                                   | 150.5                     | 151.0             | 158.4             | 125.4             | 128.7            | 128.3             | 148.7                     | 152.2             | 166.0             | 136.0             | 132.6            | 134.3             |
| Mining and oil and gas field machinery   | 33313      | .29                                   | 238.8                     | 235.0             | 224.5             | 219.5             | 224.3            | 230.5             | 235.9                     | 236.9             | 222.6             | 221.3             | 226.8            | 231.6             |
| Industrial machinery   | 3332       | .68                                   | 111.6                     | 112.7             | 113.5             | 112.1             | 111.1            | 107.7             | 109.1                     | 110.5             | 114.0             | 113.1             | 111.8            | 109.7             |
| Commercial and service industry machinery and other                            | 3333,9     | 1.69                                  | 126.4                     | 124.2             | 123.4             | 121.9             | 119.9            | 121.3             | 126.6                     | 123.2             | 123.4             | 122.1             | 119.7            | 122.2             |
| HVAC, metalworking, and power transmission machinery                           | 3334-6     | 1.50                                  | 91.6                      | 89.9              | 93.5              | 94.5              | 95.3             | 93.4              | 86.8                      | 90.0              | 99.9              | 100.0             | 96.7             | 99.2              |
| Ventilation, heating, air-conditioning, and commercial refrigeration equipment | 3334       | .58                                   | 89.6                      | 85.9              | 95.6              | 95.8              | 99.4             | 99.7              | 77.1                      | 87.9              | 112.5             | 111.0             | 102.6            | 112.6             |
| Metalworking machinery   | 3335       | .49                                   | 105.0                     | 103.1             | 102.9             | 104.0             | 103.3            | 100.8             | 104.9                     | 100.5             | 100.7             | 103.3             | 104.3            | 101.4             |
| Engine, turbine, and power transmission equipment                              | 3336       | .43                                   | 81.1                      | 81.8              | 82.2              | 84.1              | 83.0             | 79.1              | 80.9                      | 82.4              | 84.5              | 84.3              | 82.5             | 81.6              |

<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 1 (continued)**  
**INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES**

| Item   | NAICS       | 2007<br>IP<br>Proportion <sup>1</sup> | Index, 2002 = 100         |                   |                   |                   |                  |                   |                           |                   |                   |                   |                  |                   |
|--|-------------|---------------------------------------|---------------------------|-------------------|-------------------|-------------------|------------------|-------------------|---------------------------|-------------------|-------------------|-------------------|------------------|-------------------|
|  |             |                                       | Seasonally adjusted       |                   |                   |                   |                  |                   | Not seasonally adjusted   |                   |                   |                   |                  |                   |
|  |             |                                       | 2008<br>Jan. <sup>r</sup> | Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>r</sup> | May <sup>r</sup> | June <sup>p</sup> | 2008<br>Jan. <sup>r</sup> | Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>r</sup> | May <sup>r</sup> | June <sup>p</sup> |
| <b>Computer and electronic product</b>                       | <b>334</b>  | 6.85                                  | 198.5                     | 202.0             | 205.9             | 207.8             | 208.4            | 211.4             | 189.3                     | 188.1             | 208.2             | 193.3             | 202.4            | 220.9             |
| Computer and peripheral equipment                            | 3341        | .98                                   | 205.7                     | 208.9             | 210.8             | 210.3             | 211.0            | 212.7             | 191.6                     | 174.8             | 178.9             | 195.7             | 213.0            | 219.8             |
| Communications equipment                                     | 3342        | 1.28                                  | 190.5                     | 190.9             | 195.1             | 200.1             | 200.3            | 203.5             | 188.2                     | 183.2             | 188.5             | 193.2             | 197.6            | 205.7             |
| Audio and video equipment                                    | 3343        | .09                                   | 119.5                     | 119.8             | 117.6             | 131.8             | 142.1            | 137.8             | 106.1                     | 102.1             | 120.5             | 109.3             | 125.6            | 134.1             |
| Semiconductor and other electronic component                 | 3344        | 2.06                                  | 310.5                     | 321.3             | 334.0             | 338.3             | 338.5            | 346.7             | 279.1                     | 288.2             | 376.0             | 284.8             | 313.6            | 388.3             |
| Navigational, measuring, electromedical and control          | 3345        | 2.35                                  | 128.8                     | 130.5             | 131.4             | 131.1             | 131.4            | 132.6             | 128.1                     | 129.1             | 131.2             | 130.2             | 130.3            | 133.6             |
| <b>Electrical equipment, appliance, and component</b>        | <b>335</b>  | 1.93                                  | 106.1                     | 104.6             | 106.4             | 106.3             | 107.5            | 107.5             | 104.9                     | 103.9             | 106.7             | 106.7             | 106.7            | 107.9             |
| Household appliance  | 3352        | .29                                   | 90.5                      | 89.8              | 93.4              | 91.3              | 95.0             | 93.3              | 85.2                      | 93.1              | 97.1              | 95.1              | 93.9             | 91.7              |
| Small electrical appliance                                   | 33521       | .05                                   | 66.1                      | 67.7              | 69.5              | 65.9              | 65.2             | 66.5              | 54.7                      | 58.0              | 69.5              | 52.3              | 52.0             | 59.7              |
| Major appliance  | 33522       | .25                                   | 97.6                      | 96.3              | 100.5             | 98.7              | 103.8            | 101.1             | 94.2                      | 103.3             | 105.2             | 107.5             | 106.1            | 101.1             |
| Electrical equipment except appliances                       | 3351,3-9    | 1.64                                  | 109.0                     | 107.4             | 108.9             | 109.1             | 109.8            | 110.2             | 108.6                     | 105.9             | 108.4             | 108.9             | 109.1            | 110.9             |
| Electric lighting equipment                                  | 3351        | .23                                   | 92.0                      | 90.6              | 89.0              | 93.4              | 94.7             | 94.3              | 91.0                      | 90.9              | 89.6              | 93.6              | 93.4             | 93.2              |
| Electrical equipment   | 3353        | .67                                   | 124.1                     | 121.5             | 122.5             | 123.3             | 125.6            | 128.7             | 125.0                     | 119.7             | 121.5             | 123.0             | 124.5            | 128.6             |
| Other electrical equipment and component                     | 3359        | .73                                   | 102.1                     | 101.2             | 104.1             | 102.5             | 101.9            | 100.5             | 100.8                     | 99.5              | 103.7             | 102.3             | 101.7            | 102.3             |
| Battery  | 33591       | .12                                   | 115.2                     | 109.8             | 118.7             | 114.7             | 115.0            | 113.4             | 105.6                     | 107.1             | 118.3             | 113.6             | 113.1            | 120.2             |
| Communication and energy wire and cable                      | 33592       | .20                                   | 99.1                      | 98.3              | 98.1              | 93.2              | 95.1             | 92.8              | 98.8                      | 96.8              | 98.5              | 94.8              | 95.6             | 94.2              |
| Other electrical equipment                                   | 33593,9     | .41                                   | 99.6                      | 99.8              | 102.6             | 103.4             | 101.2            | 100.3             | 100.0                     | 98.3              | 101.9             | 102.6             | 101.2            | 101.2             |
| <b>Transportation equipment</b>                              | <b>336</b>  | 8.62                                  | 105.9                     | 104.7             | 101.9             | 97.7              | 97.7             | 101.2             | 103.4                     | 108.9             | 104.7             | 101.9             | 99.6             | 105.0             |
| Motor vehicle  | 3361        | 2.28                                  | 94.5                      | 92.8              | 86.8              | 76.5              | 78.9             | 86.6              | 87.6                      | 102.8             | 89.0              | 86.9              | 81.8             | 94.7              |
| Automobile and light duty motor vehicle                      | 33611       | 2.19                                  | 95.0                      | 93.2              | 86.6              | 75.5              | 78.1             | 86.7              | 88.0                      | 103.3             | 88.9              | 86.0              | 81.2             | 94.9              |
| Automobile   | 336111      | .68                                   | 91.1                      | 87.8              | 91.9              | 78.6              | 83.6             | 87.8              | 90.3                      | 98.4              | 94.6              | 89.4              | 83.5             | 93.8              |
| Light truck and utility vehicle                              | 336112      | 1.51                                  | 96.6                      | 95.5              | 83.6              | 73.5              | 75.0             | 85.8              | 86.4                      | 105.4             | 85.6              | 83.9              | 79.6             | 95.1              |
| Heavy duty truck   | 33612       | .09                                   | 86.7                      | 89.2              | 97.4              | 105.8             | 103.2            | 89.1              | 85.2                      | 95.2              | 97.5              | 115.1             | 103.0            | 95.4              |
| Motor vehicle body and trailer                               | 3362        | .37                                   | 96.8                      | 98.7              | 95.6              | 92.2              | 86.3             | 83.9              | 91.5                      | 99.5              | 104.5             | 99.8              | 88.5             | 89.4              |
| Truck trailer  | 336212      | .07                                   | 88.2                      | 85.6              | 83.2              | 79.2              | 85.9             | 79.0              | 76.2                      | 84.8              | 86.7              | 82.8              | 85.8             | 87.7              |
| Motor home   | 336213      | .06                                   | 77.4                      | 67.9              | 68.2              | 67.4              | 50.7             |                   | 68.9                      | 68.6              | 84.1              | 71.0              | 50.7             |                   |
| Travel trailer and camper                                    | 336214      | .11                                   | 106.4                     | 115.4             | 114.8             | 110.9             | 104.4            | 100.5             | 101.8                     | 122.0             | 133.7             | 133.6             | 110.4            | 111.7             |
| Motor vehicle parts  | 3363        | 2.47                                  | 93.0                      | 92.6              | 89.1              | 86.8              | 86.4             | 89.0              | 92.5                      | 97.3              | 93.9              | 89.5              | 89.0             | 92.8              |
| Aerospace product and parts                                  | 3364        | 2.70                                  | 131.1                     | 128.0             | 128.9             | 128.4             | 127.8            | 129.8             | 130.9                     | 127.7             | 128.4             | 127.9             | 127.5            | 129.5             |
| Aircraft and parts   | 336411-3    | 2.27                                  | 133.5                     | 130.8             | 131.5             | 131.0             | 130.8            | 133.1             | 133.4                     | 130.0             | 131.1             | 130.5             | 130.6            | 132.5             |
| Railroad eq., ships and boats, and other                     | 3365-9      | .80                                   | 115.4                     | 118.1             | 116.3             | 114.8             | 112.4            | 112.1             | 114.4                     | 116.3             | 120.9             | 115.8             | 114.4            | 113.8             |
| Railroad rolling stock                                       | 3365        | .13                                   | 102.9                     | 102.3             | 109.0             | 107.3             | 110.7            | 109.4             | 101.9                     | 101.9             | 109.6             | 107.1             | 110.9            | 110.0             |
| Ship and boat building                                       | 3366        | .47                                   | 111.7                     | 111.3             | 108.1             | 107.4             | 103.2            | 104.4             | 110.2                     | 110.2             | 115.9             | 109.1             | 106.3            | 106.7             |
| Other transportation equipment                               | 3369        | .20                                   | 133.3                     | 147.1             | 143.3             | 139.9             | 138.1            | 133.9             | 133.9                     | 142.3             | 141.4             | 139.5             | 138.3            | 135.3             |
| <b>Furniture and related product</b>                         | <b>337</b>  | 1.43                                  | 98.1                      | 96.4              | 95.9              | 94.9              | 94.3             | 93.9              | 96.3                      | 94.2              | 95.6              | 93.9              | 93.4             | 95.2              |
| Household and institutional furniture and kitchen            | 3371        | .77                                   | 88.6                      | 86.4              | 86.0              | 85.2              | 83.4             | 83.2              | 87.1                      | 85.5              | 86.0              | 85.8              | 83.1             | 84.0              |
| Office and other furniture                                   | 3372,9      | .66                                   | 110.6                     | 109.8             | 109.1             | 107.8             | 108.9            | 108.3             | 108.7                     | 105.9             | 108.4             | 104.7             | 107.3            | 110.2             |
| <b>Miscellaneous</b>   | <b>339</b>  | 3.09                                  | 117.8                     | 115.1             | 117.4             | 116.2             | 116.3            | 115.4             | 116.7                     | 114.7             | 117.4             | 116.4             | 116.0            | 116.7             |
| Medical equipment and supplies                               | 3391        | 1.80                                  | 126.7                     | 124.2             | 127.4             | 125.2             | 125.6            | 124.0             | 126.4                     | 124.7             | 127.5             | 125.3             | 125.4            | 125.9             |
| <b>Logging</b>   | <b>1133</b> | .17                                   | 103.4                     | 106.2             | 109.0             | 113.7             | 108.1            | 104.8             | 99.4                      | 100.9             | 101.3             | 101.8             | 101.2            | 106.8             |
| <b>Newspaper, periodical, book, and directory publishers</b> | <b>5111</b> | 3.52                                  | 90.8                      | 90.4              | 90.0              | 88.3              | 87.9             | 88.7              | 85.4                      | 84.0              | 83.9              | 85.9              | 85.3             | 92.1              |
| Newspaper publishers   | 51111       | 1.10                                  | 77.6                      | 75.8              | 74.2              | 73.2              | 72.5             | 71.5              | 74.7                      | 76.3              | 72.3              | 77.6              | 70.8             | 70.8              |
| Periodical, book, and other publishers                       | 51112-9     | 2.42                                  | 97.9                      | 98.4              | 98.7              | 96.5              | 96.3             | 98.1              | 91.3                      | 88.3              | 90.2              | 90.5              | 93.2             | 103.6             |
| <b>STAGE-OF-PROCESS GROUPS (CAPACITY<sup>2</sup>)</b>        |             |                                       |                           |                   |                   |                   |                  |                   |                           |                   |                   |                   |                  |                   |
| Crude  |             | 16.09                                 | 106.4                     | 106.3             | 106.6             | 106.1             | 106.7            | 106.9             | 105.6                     | 106.2             | 107.0             | 106.7             | 107.0            | 107.7             |
| Primary and semifinished                                     |             | 47.29                                 | 110.2                     | 109.8             | 109.5             | 109.2             | 108.5            | 109.2             | 110.7                     | 109.2             | 109.7             | 106.2             | 106.2            | 111.3             |
| Finished   |             | 36.62                                 | 117.8                     | 117.2             | 117.6             | 116.0             | 116.0            | 116.5             | 115.3                     | 116.2             | 116.7             | 116.5             | 116.1            | 118.6             |

r Revised. p Preliminary.

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

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

**Table 1 (continued)**  
**INDUSTRIAL PRODUCTION: MARKET GROUP SUMMARY**

| Item   | NAICS | 2007<br>IP<br>Proportion <sup>1</sup> | Index, 2002 = 100         |                   |                   |                   |                  |                   |                           |                   |                   |                   |                  |                   |
|--|-------|---------------------------------------|---------------------------|-------------------|-------------------|-------------------|------------------|-------------------|---------------------------|-------------------|-------------------|-------------------|------------------|-------------------|
|  |       |                                       | Seasonally adjusted       |                   |                   |                   |                  |                   | Not seasonally adjusted   |                   |                   |                   |                  |                   |
|  |       |                                       | 2008<br>Jan. <sup>r</sup> | Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>r</sup> | May <sup>r</sup> | June <sup>p</sup> | 2008<br>Jan. <sup>r</sup> | Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>r</sup> | May <sup>r</sup> | June <sup>p</sup> |
| <b>Total index</b>                                   |       | 100.00                                | 112.6                     | 112.2             | 112.2             | 111.4             | 111.2            | 111.7             | 111.8                     | 111.5             | 112.1             | 110.2             | 110.2            | 113.6             |
| <b>Products and nonindustrial supplies</b>           |       | 56.13                                 | 112.3                     | 111.8             | 111.7             | 110.7             | 110.5            | 111.0             | 111.9                     | 111.2             | 111.0             | 109.3             | 108.9            | 112.5             |
| <b>Final products</b>                                |       | 41.28                                 | 114.0                     | 113.7             | 113.4             | 112.2             | 112.1            | 112.8             | 114.4                     | 114.0             | 113.0             | 111.1             | 110.3            | 113.9             |
| <b>Consumer goods</b>                                |       | 29.33                                 | 108.0                     | 107.8             | 107.2             | 106.1             | 105.9            | 106.7             | 109.2                     | 108.9             | 107.1             | 104.6             | 103.5            | 107.5             |
| <b>Durable</b>                                       |       | 6.68                                  | 101.1                     | 100.2             | 98.2              | 94.5              | 95.0             | 97.5              | 97.4                      | 102.0             | 99.6              | 97.9              | 95.7             | 101.1             |
| Automotive products                                  |       | 3.23                                  | 99.6                      | 98.9              | 94.6              | 87.3              | 88.3             | 93.8              | 94.8                      | 105.1             | 97.9              | 94.8              | 90.9             | 99.7              |
| Autos and trucks, consumer                           |       | 1.85                                  | 91.1                      | 89.3              | 82.8              | 72.1              | 74.5             | 82.7              | 84.2                      | 99.1              | 85.0              | 82.2              | 77.5             | 90.6              |
| Auto parts and allied goods                          |       | 1.38                                  | 113.8                     | 114.8             | 114.2             | 112.4             | 111.1            | 112.0             | 112.4                     | 115.1             | 119.2             | 115.6             | 112.9            | 114.7             |
| Other goods  |       | 3.45                                  | 102.5                     | 101.4             | 101.7             | 101.5             | 101.5            | 101.2             | 99.8                      | 98.9              | 101.2             | 101.0             | 100.3            | 102.4             |
| Home electronics                                     |       | .31                                   | 167.7                     | 168.6             | 169.2             | 175.1             | 179.5            | 179.1             | 166.8                     | 151.4             | 154.1             | 155.1             | 166.2            | 170.9             |
| Appliances, furniture, and carpeting                 |       | 1.08                                  | 89.1                      | 87.3              | 87.5              | 87.2              | 86.6             | 86.0              | 86.6                      | 88.0              | 90.1              | 89.1              | 85.3             | 86.5              |
| Household appliances                                 |       | .23                                   | 92.1                      | 91.2              | 95.2              | 93.9              | 97.1             | 96.1              | 86.2                      | 97.1              | 103.2             | 100.1             | 97.3             | 94.4              |
| Carpeting and furniture                              |       | .85                                   | 88.2                      | 86.1              | 85.3              | 85.3              | 83.7             | 83.2              | 86.4                      | 85.4              | 86.5              | 86.0              | 82.0             | 84.2              |
| Miscellaneous goods                                  |       | 2.06                                  | 101.9                     | 100.9             | 101.3             | 100.5             | 100.6            | 100.4             | 98.9                      | 98.1              | 100.4             | 100.5             | 100.5            | 102.9             |
| <b>Nondurable</b>                                    |       | 22.65                                 | 110.1                     | 110.1             | 110.0             | 109.7             | 109.3            | 109.5             | 112.9                     | 111.1             | 109.4             | 106.7             | 105.9            | 109.5             |
| Non-energy   |       | 16.27                                 | 109.3                     | 108.9             | 109.7             | 109.1             | 109.2            | 109.1             | 106.0                     | 106.6             | 107.6             | 108.2             | 109.0            | 111.5             |
| Foods and tobacco                                    |       | 8.99                                  | 109.3                     | 108.6             | 110.6             | 109.8             | 110.4            | 109.5             | 105.3                     | 106.0             | 107.4             | 108.8             | 109.5            | 112.6             |
| Clothing   |       | .54                                   | 77.2                      | 76.6              | 75.1              | 74.9              | 73.5             | 74.4              | 74.9                      | 76.0              | 75.5              | 76.6              | 74.4             | 76.1              |
| Chemical products                                    |       | 4.71                                  | 119.1                     | 119.4             | 118.2             | 118.4             | 118.0            | 118.7             | 117.6                     | 119.1             | 119.1             | 118.9             | 119.8            | 119.0             |
| Paper products                                       |       | 1.56                                  | 96.5                      | 96.6              | 97.0              | 95.2              | 95.3             | 96.6              | 91.8                      | 89.4              | 90.8              | 90.8              | 92.9             | 100.6             |
| Miscellaneous goods                                  |       | .48                                   | 118.3                     | 116.9             | 119.6             | 117.1             | 117.7            | 116.6             | 117.7                     | 116.5             | 119.5             | 117.5             | 118.0            | 118.8             |
| Energy   |       | 6.38                                  | 112.6                     | 113.5             | 110.8             | 111.6             | 109.7            | 111.0             | 130.4                     | 122.7             | 114.5             | 103.3             | 98.9             | 105.0             |
| Fuels  |       | 3.52                                  | 116.9                     | 115.9             | 114.4             | 115.0             | 113.5            | 114.2             | 113.1                     | 111.3             | 110.0             | 115.3             | 115.6            | 117.8             |
| Residential utilities                                |       | 2.86                                  | 110.0                     | 113.2             | 109.2             | 110.2             | 107.6            | 109.7             | 154.0                     | 139.3             | 122.5             | 90.4              | 80.0             | 91.3              |
| <b>Equipment, total</b>                              |       | 11.95                                 | 130.0                     | 129.5             | 130.3             | 128.7             | 128.9            | 129.4             | 128.0                     | 127.3             | 128.8             | 128.7             | 129.0            | 131.5             |
| Business equipment                                   |       | 9.38                                  | 131.4                     | 131.1             | 132.0             | 129.8             | 130.0            | 130.3             | 129.2                     | 128.6             | 130.5             | 130.0             | 130.2            | 132.8             |
| Transit  |       | 1.71                                  | 122.5                     | 121.4             | 121.1             | 118.1             | 118.8            | 120.7             | 120.6                     | 123.8             | 121.3             | 121.0             | 119.3            | 123.1             |
| Business vehicles                                    |       | .44                                   | 116.1                     | 114.9             | 112.2             | 103.4             | 106.0            | 110.9             | 109.4                     | 126.4             | 114.4             | 116.2             | 108.5            | 120.4             |
| Business light vehicles                              |       | .34                                   | 126.6                     | 124.1             | 117.5             | 102.5             | 107.0            | 118.7             | 118.1                     | 137.6             | 120.4             | 116.6             | 110.5            | 129.4             |
| Autos  |       | .13                                   | 95.4                      | 91.2              | 94.7              | 80.5              | 84.9             | 88.4              | 94.5                      | 102.2             | 97.5              | 91.4              | 84.8             | 94.4              |
| Trucks   |       | .21                                   | 156.9                     | 156.5             | 138.5             | 123.4             | 127.7            | 148.2             | 140.1                     | 172.3             | 141.5             | 140.4             | 135.2            | 163.8             |
| Information processing                               |       | 2.72                                  | 165.2                     | 167.1             | 169.2             | 170.1             | 170.3            | 172.2             | 160.3                     | 157.0             | 161.3             | 165.2             | 170.2            | 176.2             |
| Industrial and other                                 |       | 4.95                                  | 117.4                     | 116.5             | 117.3             | 114.1             | 114.2            | 113.3             | 116.3                     | 115.5             | 117.7             | 115.5             | 114.5            | 115.2             |
| Industrial equipment                                 |       | 2.75                                  | 123.1                     | 121.9             | 122.1             | 118.4             | 118.2            | 118.5             | 122.5                     | 120.8             | 122.5             | 119.4             | 118.6            | 119.8             |
| Other equipment                                      |       | 2.20                                  | 110.8                     | 110.2             | 111.9             | 109.1             | 109.6            | 107.2             | 109.2                     | 109.3             | 112.1             | 110.9             | 109.8            | 109.9             |
| Oil and gas well drilling<br>and manufactured homes  |       | .84                                   | 141.0                     | 140.4             | 142.7             | 145.9             | 148.3            | 150.1             | 136.4                     | 138.1             | 140.6             | 145.1             | 148.3            | 151.3             |
| Defense and space equipment                          |       | 1.73                                  | 120.9                     | 119.5             | 119.4             | 119.2             | 118.1            | 119.5             | 120.6                     | 119.0             | 118.4             | 118.3             | 117.4            | 119.7             |
| <b>Nonindustrial supplies</b>                        |       | 14.85                                 | 107.7                     | 107.0             | 107.1             | 106.5             | 106.2            | 106.1             | 105.5                     | 103.9             | 105.5             | 104.4             | 105.2            | 108.6             |
| Construction supplies                                |       | 4.21                                  | 103.6                     | 102.3             | 102.1             | 101.0             | 101.4            | 100.6             | 97.1                      | 96.3              | 99.1              | 100.9             | 103.1            | 105.8             |
| Other business supplies                              |       | 10.64                                 | 109.3                     | 108.9             | 109.2             | 108.7             | 108.1            | 108.3             | 108.8                     | 106.9             | 108.1             | 105.9             | 106.0            | 109.8             |
| General business supplies                            |       | 7.70                                  | 106.9                     | 106.0             | 107.1             | 106.0             | 105.9            | 105.2             | 104.4                     | 103.7             | 105.9             | 105.3             | 104.8            | 107.1             |
| Commercial energy products                           |       | 2.94                                  | 117.2                     | 118.2             | 116.2             | 117.2             | 115.7            | 118.0             | 122.4                     | 117.0             | 115.3             | 108.5             | 110.6            | 118.3             |
| <b>Materials</b>                                     |       | 43.87                                 | 113.0                     | 112.6             | 112.9             | 112.4             | 112.1            | 112.7             | 111.7                     | 111.8             | 113.6             | 111.5             | 111.8            | 115.1             |
| Non-energy   |       | 29.30                                 | 116.7                     | 115.9             | 116.3             | 115.8             | 115.6            | 115.9             | 114.1                     | 114.6             | 117.8             | 115.6             | 115.8            | 118.7             |
| Durable  |       | 17.55                                 | 126.0                     | 125.9             | 126.2             | 125.5             | 124.8            | 125.8             | 122.4                     | 124.1             | 129.1             | 124.6             | 124.8            | 129.7             |
| Consumer parts                                       |       | 2.92                                  | 90.1                      | 89.1              | 87.5              | 85.9              | 85.8             | 87.0              | 89.5                      | 94.6              | 94.4              | 91.6              | 89.0             | 90.2              |
| Equipment parts                                      |       | 6.02                                  | 178.3                     | 179.5             | 182.4             | 182.7             | 182.3            | 184.2             | 171.9                     | 171.8             | 189.2             | 173.3             | 178.0            | 192.2             |
| Computer and other<br>board assemblies and parts     |       | .31                                   | 142.3                     | 144.1             | 145.4             | 149.4             | 144.9            | 146.0             | 133.5                     | 130.4             | 130.6             | 132.2             | 141.6            | 156.9             |
| Semiconductors, printed<br>circuit boards, and other |       | 1.64                                  | 362.7                     | 376.3             | 392.2             | 395.6             | 398.3            | 408.6             | 323.3                     | 334.1             | 447.7             | 333.2             | 369.1            | 459.1             |
| Other equipment parts                                |       | 4.07                                  | 125.4                     | 124.6             | 125.2             | 124.8             | 124.4            | 124.8             | 124.9                     | 123.5             | 125.3             | 124.6             | 124.0            | 125.7             |
| Other  |       | 8.62                                  | 109.8                     | 109.5             | 109.4             | 108.6             | 107.7            | 108.1             | 106.4                     | 107.5             | 108.8             | 108.9             | 108.2            | 110.2             |
| Basic metals   |       | 2.83                                  | 112.2                     | 112.4             | 112.6             | 111.5             | 109.7            | 112.4             | 110.5                     | 114.3             | 114.9             | 111.9             | 109.1            | 112.9             |
| Miscellaneous materials                              |       | 5.78                                  | 108.9                     | 108.4             | 108.1             | 107.5             | 107.0            | 106.2             | 104.6                     | 104.4             | 106.1             | 107.7             | 108.1            | 109.2             |
| Nondurable   |       | 11.75                                 | 103.1                     | 101.3             | 101.9             | 101.6             | 101.8            | 101.4             | 101.6                     | 100.7             | 101.6             | 102.3             | 102.3            | 102.8             |
| Textile  |       | .52                                   | 71.0                      | 71.0              | 69.9              | 68.9              | 70.0             | 69.1              | 69.7                      | 69.8              | 70.2              | 69.8              | 71.1             | 70.6              |
| Paper  |       | 2.23                                  | 97.8                      | 95.9              | 96.7              | 95.8              | 96.7             | 96.2              | 97.5                      | 96.6              | 97.1              | 95.9              | 95.0             | 96.5              |
| Chemical   |       | 5.78                                  | 111.9                     | 110.0             | 110.1             | 110.4             | 110.6            | 110.4             | 110.3                     | 109.2             | 110.1             | 111.2             | 112.3            | 112.1             |
| Other materials                                      |       | 3.22                                  | 101.9                     | 100.2             | 101.8             | 100.8             | 100.5            | 100.1             | 99.6                      | 99.0              | 100.3             | 101.8             | 100.5            | 101.8             |
| Containers   |       | .94                                   | 95.3                      | 93.9              | 95.2              | 94.2              | 94.8             | 93.7              | 92.1                      | 91.7              | 93.5              | 97.9              | 95.3             | 97.1              |
| Miscellaneous materials                              |       | 2.28                                  | 105.0                     | 103.3             | 105.0             | 104.0             | 103.3            | 103.1             | 103.2                     | 102.5             | 103.5             | 103.7             | 103.1            | 104.1             |
| Energy   |       | 14.58                                 | 104.2                     | 104.4             | 104.5             | 104.2             | 103.7            | 104.7             | 105.2                     | 104.7             | 103.8             | 102.0             | 102.6            | 106.4             |
| Primary energy                                       |       | 10.42                                 | 101.6                     | 102.0             | 102.3             | 101.6             | 101.4            | 102.4             | 101.7                     | 102.4             | 102.2             | 101.0             | 101.8            | 104.3             |
| Converted fuel                                       |       | 4.15                                  | 110.2                     | 109.8             | 109.5             | 110.1             | 109.0            | 109.8             | 113.6                     | 109.7             | 107.2             | 103.7             | 103.4            | 110.9             |

r Revised. p Preliminary.

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



**Table 2**  
**CAPACITY UTILIZATION: MANUFACTURING, MINING, AND UTILITIES**

Percent of capacity, seasonally adjusted

| Item   | NAICS            | 2007<br>Proportion | 1972-<br>2007<br>Ave. | 1982<br>Low | 1988-<br>1989<br>High | 1990-<br>1991<br>Low | 1994-<br>1995<br>High | 2001-<br>2002<br>Low | 2007<br>June | 2008<br>Jan. <sup>r</sup> | Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>r</sup> | May <sup>r</sup> | June <sup>p</sup> |
|--|------------------|--------------------|-----------------------|-------------|-----------------------|----------------------|-----------------------|----------------------|--------------|---------------------------|-------------------|-------------------|-------------------|------------------|-------------------|
| <b>Total industry</b>  |                  | 100.00             | 81.0                  | 70.9        | 85.0                  | 78.6                 | 85.1                  | 73.6                 | 81.0         | 81.0                      | 80.3              | 80.5              | 79.9              | 79.6             | 79.9              |
| <b>STAGE-OF-PROCESS GROUPS</b>                                   |                  |                    |                       |             |                       |                      |                       |                      |              |                           |                   |                   |                   |                  |                   |
| Crude  |                  | 13.93              | 86.6                  | 78.2        | 88.3                  | 84.4                 | 89.5                  | 81.9                 | 88.2         | 89.4                      | 89.4              | 89.6              | 89.1              | 89.6             | 89.7              |
| Primary and semifinished   |                  | 47.15              | 82.2                  | 67.9        | 86.4                  | 77.8                 | 88.2                  | 74.6                 | 81.7         | 81.4                      | 80.3              | 80.6              | 80.2              | 79.6             | 79.9              |
| Finished   |                  | 38.92              | 77.7                  | 71.0        | 82.8                  | 77.1                 | 80.4                  | 69.9                 | 77.7         | 77.5                      | 77.0              | 77.1              | 75.9              | 75.8             | 76.0              |
| <b>INDUSTRY GROUPS</b>   |                  |                    |                       |             |                       |                      |                       |                      |              |                           |                   |                   |                   |                  |                   |
| <b>Manufacturing</b>   |                  | 80.83              | 79.7                  | 68.5        | 85.4                  | 77.1                 | 84.6                  | 71.5                 | 79.6         | 79.1                      | 78.4              | 78.5              | 77.7              | 77.6             | 77.6              |
| <b>Manufacturing (NAICS)</b>                                     | <b>31-33</b>     | 77.04              | 79.5                  | 67.8        | 85.3                  | 77.0                 | 84.7                  | 71.0                 | 79.6         | 79.1                      | 78.4              | 78.6              | 77.7              | 77.6             | 77.6              |
| <b>Durable manufacturing</b>                                     |                  | 41.25              | 78.0                  | 62.9        | 84.6                  | 73.5                 | 84.2                  | 68.1                 | 78.2         | 77.5                      | 76.8              | 76.8              | 75.5              | 75.2             | 75.5              |
| Wood products  | 321              | 1.36               | 79.9                  | 59.4        | 87.3                  | 72.7                 | 87.9                  | 70.7                 | 75.6         | 68.2                      | 67.6              | 67.3              | 67.2              | 66.1             | 66.7              |
| Nonmetallic mineral products                                     | 327              | 2.35               | 79.4                  | 62.9        | 85.4                  | 71.7                 | 84.0                  | 74.9                 | 79.0         | 76.6                      | 74.9              | 76.3              | 75.1              | 75.0             | 73.0              |
| Primary metal  | 331              | 2.64               | 80.9                  | 46.9        | 93.8                  | 75.0                 | 95.8                  | 68.5                 | 82.8         | 86.9                      | 85.6              | 84.7              | 83.6              | 81.5             | 83.8              |
| Iron and steel products  | 3311.2           | 1.24               | 82.4                  | 38.0        | 97.9                  | 71.3                 | 100.3                 | 69.5                 | 87.4         | 92.0                      | 94.2              | 90.2              | 89.3              | 85.9             | 89.9              |
| Fabricated metal products  | 332              | 5.64               | 77.5                  | 61.8        | 81.7                  | 72.7                 | 85.5                  | 69.5                 | 81.0         | 81.3                      | 81.0              | 81.0              | 80.2              | 80.2             | 78.9              |
| Machinery  | 333              | 5.15               | 78.7                  | 58.0        | 85.3                  | 74.0                 | 87.6                  | 63.7                 | 78.4         | 76.7                      | 76.0              | 76.9              | 74.7              | 74.4             | 73.6              |
| Computer and electronic products                                 | 334              | 7.82               | 78.3                  | 77.4        | 81.9                  | 76.7                 | 83.7                  | 58.2                 | 76.6         | 76.8                      | 77.4              | 78.5              | 78.5              | 78.0             | 78.5              |
| Computer and peripheral equip.                                   | 3341             | 1.13               | 77.9                  | 67.1        | 79.7                  | 69.8                 | 86.3                  | 66.8                 | 78.6         | 78.8                      | 80.0              | 80.0              | 79.1              | 78.7             | 78.6              |
| Communications equipment   | 3342             | 1.45               | 75.7                  | 84.8        | 85.3                  | 76.9                 | 82.8                  | 40.4                 | 74.6         | 80.5                      | 80.9              | 80.7              | 82.1              | 81.5             | 82.1              |
| Semiconductor and related electronic components                  | 334412-9         | 2.35               | 80.8                  | 76.7        | 82.9                  | 78.0                 | 92.2                  | 57.4                 | 80.5         | 77.6                      | 78.0              | 81.6              | 81.1              | 79.8             | 80.3              |
| Electrical equipment, appliances, and components                 | 335              | 1.87               | 83.2                  | 64.6        | 89.1                  | 77.0                 | 93.1                  | 72.0                 | 84.5         | 83.8                      | 82.5              | 83.8              | 83.5              | 84.3             | 84.2              |
| Transportation equipment   | 336              | 9.51               | 75.5                  | 56.1        | 86.7                  | 67.7                 | 79.8                  | 69.1                 | 76.2         | 75.1                      | 74.2              | 72.2              | 69.2              | 69.1             | 71.5              |
| Motor vehicles and parts   | 3361-3           | 5.82               | 77.4                  | 44.9        | 89.5                  | 56.0                 | 89.0                  | 69.7                 | 74.7         | 71.4                      | 70.7              | 67.2              | 62.7              | 63.1             | 66.5              |
| Autos and light trucks   | 33611            | 2.59               | 77.6                  | 39.7        | 94.5                  | 53.5                 | 89.5                  | 74.7                 | 72.5         | 69.8                      | 68.4              | 63.6              | 55.4              | 57.3             | 63.6              |
| Aerospace and miscellaneous transportation equipment             | 3364-9           | 3.69               | 72.7                  | 69.0        | 87.4                  | 81.0                 | 68.8                  | 62.8                 | 78.4         | 81.0                      | 79.8              | 79.8              | 79.2              | 78.5             | 79.3              |
| Furniture and related products                                   | 337              | 1.53               | 78.6                  | 65.7        | 82.2                  | 67.6                 | 83.2                  | 68.2                 | 77.5         | 74.4                      | 73.3              | 72.9              | 72.2              | 71.8             | 71.6              |
| Miscellaneous  | 339              | 3.38               | 76.6                  | 68.9        | 82.5                  | 77.3                 | 81.2                  | 70.5                 | 75.9         | 75.1                      | 73.3              | 74.6              | 73.7              | 73.7             | 73.0              |
| <b>Nondurable manufacturing</b>                                  |                  | 35.78              | 81.6                  | 75.4        | 86.7                  | 81.4                 | 85.4                  | 74.8                 | 81.2         | 81.0                      | 80.3              | 80.5              | 80.3              | 80.3             | 80.0              |
| Food   | 311              | 7.92               | 82.4                  | 80.3        | 85.8                  | 83.4                 | 84.1                  | 77.3                 | 83.9         | 84.8                      | 84.5              | 85.8              | 85.4              | 85.1             | 84.2              |
| Beverage and tobacco products                                    | 312              | 2.76               | 79.0                  | 78.0        | 86.9                  | 73.9                 | 86.0                  | 64.9                 | 75.9         | 69.1                      | 67.2              | 69.4              | 68.4              | 69.7             | 69.4              |
| Textile mills  | 313              | .55                | 81.9                  | 72.3        | 91.4                  | 77.8                 | 93.6                  | 66.0                 | 73.0         | 67.8                      | 67.8              | 66.8              | 66.3              | 67.7             | 66.9              |
| Textile product mills  | 314              | .52                | 82.0                  | 70.4        | 90.7                  | 75.4                 | 88.7                  | 73.2                 | 71.7         | 67.2                      | 67.0              | 68.1              | 66.9              | 67.1             | 67.4              |
| Apparel  | 315              | .55                | 78.9                  | 76.5        | 84.6                  | 77.2                 | 88.8                  | 60.8                 | 74.3         | 73.9                      | 73.7              | 72.2              | 72.0              | 70.6             | 71.5              |
| Leather and allied products                                      | 316              | .11                | 75.3                  | 75.9        | 78.8                  | 70.2                 | 81.6                  | 53.9                 | 67.3         | 72.5                      | 71.3              | 72.0              | 73.1              | 72.9             | 75.3              |
| Paper  | 322              | 2.50               | 87.6                  | 81.4        | 92.6                  | 86.1                 | 92.4                  | 78.5                 | 82.2         | 83.0                      | 81.1              | 82.3              | 81.2              | 82.6             | 82.0              |
| Printing and support   | 323              | 2.00               | 83.5                  | 80.4        | 91.7                  | 82.6                 | 86.5                  | 72.6                 | 76.6         | 75.7                      | 74.7              | 75.7              | 75.0              | 74.5             | 73.0              |
| Petroleum and coal products                                      | 324              | 4.21               | 85.9                  | 68.8        | 88.2                  | 82.4                 | 90.5                  | 83.8                 | 88.5         | 91.4                      | 90.6              | 89.6              | 90.4              | 89.9             | 90.2              |
| Chemical   | 325              | 11.69              | 78.3                  | 67.9        | 85.0                  | 79.9                 | 81.2                  | 69.4                 | 79.1         | 78.7                      | 78.1              | 77.8              | 77.8              | 77.8             | 77.5              |
| Plastics material and resin                                      | 325211           | .86                | 87.0                  | 65.5        | 91.8                  | 79.5                 | 101.6                 | 80.6                 | 92.8         | 87.8                      | 84.0              | 85.1              | 86.2              | 87.0             |                   |
| Synthetic rubber   | 325212           | .09                | 76.3                  | 54.6        | 94.0                  | 71.9                 | 86.4                  | 54.6                 | 67.6         | 74.0                      | 78.1              | 75.1              | 78.8              | 76.8             | 79.0              |
| Artificial and synthetic fibers and filaments                    | 32522            | .11                | 81.5                  | 63.1        | 94.1                  | 75.7                 | 90.9                  | 57.3                 | 77.3         | 79.1                      | 77.7              | 75.3              | 73.5              | 71.3             |                   |
| Plastics and rubber products                                     | 326              | 2.98               | 83.6                  | 71.8        | 89.8                  | 76.4                 | 91.8                  | 74.6                 | 84.4         | 82.9                      | 82.8              | 81.6              | 80.8              | 80.9             | 81.4              |
| <b>Other manufacturing (non-NAICS)</b>                           | <b>1133,5111</b> | 3.79               | 84.5                  | 86.7        | 91.1                  | 80.4                 | 83.0                  | 80.3                 | 80.6         | 78.6                      | 77.8              | 78.1              | 76.8              | 76.3             | 76.8              |
| <b>Mining</b>  | <b>21</b>        | 9.90               | 87.5                  | 79.6        | 86.3                  | 83.6                 | 88.7                  | 84.8                 | 88.8         | 90.4                      | 90.5              | 90.5              | 90.1              | 90.3             | 91.2              |
| Oil and gas extraction   | 211              | 6.16               | 92.1                  | 89.5        | 91.9                  | 89.6                 | 94.8                  | 89.8                 | 92.3         | 95.2                      | 96.1              | 95.8              | 95.3              | 95.1             | 96.1              |
| Mining (except oil and gas)                                      | 212              | 1.91               | 83.8                  | 67.6        | 90.3                  | 80.0                 | 86.9                  | 78.7                 | 79.5         | 79.0                      | 77.4              | 77.5              | 76.2              | 77.6             | 76.9              |
| Coal mining  | 2121             | .66                | 86.0                  | 76.3        | 92.5                  | 79.5                 | 87.0                  | 78.8                 | 84.5         | 85.1                      | 86.7              | 88.5              | 84.6              | 87.4             | 83.0              |
| Metal mining   | 2122             | .58                | 78.6                  | 32.5        | 91.2                  | 80.9                 | 90.0                  | 66.3                 | 80.9         | 77.8                      | 79.8              | 79.6              | 78.0              | 80.5             | 82.0              |
| Stone and earth minerals   | 2123             | .67                | 82.8                  | 63.6        | 89.2                  | 75.9                 | 90.8                  | 78.9                 | 73.2         | 74.2                      | 66.3              | 65.0              | 66.6              | 65.5             | 66.6              |
| Support activities for mining                                    | 213              | 1.84               | 75.2                  | 53.3        | 63.0                  | 53.1                 | 76.6                  | 64.9                 | 87.1         | 85.5                      | 84.1              | 85.1              | 85.9              | 86.5             | 88.5              |
| <b>Utilities</b>   | <b>2211,2</b>    | 9.27               | 86.8                  | 77.7        | 92.7                  | 84.1                 | 93.9                  | 84.6                 | 85.0         | 87.5                      | 85.8              | 86.7              | 86.9              | 84.9             | 86.5              |
| Electric   | 2211             | 7.55               | 88.3                  | 78.5        | 94.1                  | 87.1                 | 96.6                  | 87.3                 | 86.5         | 88.2                      | 85.0              | 87.5              | 87.2              | 84.7             | 87.0              |
| Natural gas  | 2212             | 1.72               | 79.9                  | 72.9        | 86.5                  | 67.4                 | 87.6                  | 70.4                 | 77.2         | 82.7                      | 87.7              | 81.9              | 84.2              | 84.8             | 83.5              |
| <b>SPECIAL AGGREGATES</b>  |                  |                    |                       |             |                       |                      |                       |                      |              |                           |                   |                   |                   |                  |                   |
| Selected high-technology industries                              |                  | 4.93               | 78.1                  | 75.1        | 81.7                  | 75.3                 | 85.6                  | 55.9                 | 78.4         | 78.7                      | 79.2              | 80.9              | 80.8              | 79.9             | 80.3              |
| Manufacturing ex. selected high-tech industries                  |                  | 75.90              | 79.8                  | 68.0        | 85.8                  | 77.2                 | 84.5                  | 72.8                 | 79.7         | 79.1                      | 78.4              | 78.4              | 77.5              | 77.4             | 77.4              |
| Manufacturing ex. selected high-tech and motor vehicles and pts. |                  | 70.08              | 80.0                  | 69.4        | 85.5                  | 79.1                 | 84.2                  | 72.6                 | 80.1         | 79.8                      | 79.0              | 79.3              | 78.7              | 78.6             | 78.3              |

r Revised. p Preliminary.

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

| Item   | NAICS            | Percent change |                |                |                                  |      |      |      |                   | Capacity indexes       |           |       |       |       |       |       |
|--|------------------|----------------|----------------|----------------|----------------------------------|------|------|------|-------------------|------------------------|-----------|-------|-------|-------|-------|-------|
|  |                  | Annual rate    |                |                | Fourth quarter to fourth quarter |      |      |      |                   | Percent of 2002 output |           |       |       |       |       |       |
|  |                  | 1972-2008 Ave. | 1972-1975 Ave. | 1975-2008 Ave. | 2004                             | 2005 | 2006 | 2007 | 2008 <sup>P</sup> | 2007 June              | 2008 Jan. | Feb.  | Mar.  | Apr.  | May   | June  |
| <b>Total industry</b>  |                  | 2.6            | 3.1            | 2.6            | .2                               | .8   | 1.3  | 1.8  | 1.5               | 137.4                  | 139.0     | 139.1 | 139.3 | 139.5 | 139.7 | 139.9 |
| <b>STAGE-OF-PROCESS GROUPS</b>                                   |                  |                |                |                |                                  |      |      |      |                   |                        |           |       |       |       |       |       |
| Crude  |                  | .4             | 1.3            | .3             | -.7                              | -.8  | .9   | 1.4  | .5                | 118.2                  | 118.9     | 119.0 | 119.0 | 119.1 | 119.1 | 119.2 |
| Primary and semifinished   |                  | 2.7            | 3.7            | 2.6            | .7                               | .8   | 1.2  | 2.1  | 1.9               | 133.6                  | 135.4     | 135.7 | 135.9 | 136.1 | 136.3 | 136.5 |
| Finished   |                  | 3.3            | 3.4            | 3.3            | .4                               | 2.3  | 1.8  | 1.7  | 1.8               | 150.4                  | 152.0     | 152.3 | 152.5 | 152.7 | 153.0 | 153.2 |
| <b>INDUSTRY GROUPS</b>   |                  |                |                |                |                                  |      |      |      |                   |                        |           |       |       |       |       |       |
| <b>Manufacturing</b>   |                  | 2.9            | 3.3            | 2.9            | .2                               | 1.4  | 1.4  | 2.0  | 1.7               | 142.1                  | 143.9     | 144.1 | 144.4 | 144.6 | 144.8 | 145.0 |
| <b>Manufacturing (NAICS)</b>                                     | <b>31-33</b>     | 3.0            | 3.3            | 3.0            | .2                               | 1.5  | 1.4  | 2.0  | 1.8               | 143.7                  | 145.6     | 145.8 | 146.1 | 146.3 | 146.5 | 146.7 |
| <b>Durable manufacturing</b>                                     |                  | 4.0            | 3.4            | 4.1            | .5                               | 2.6  | 2.4  | 3.3  | 2.9               | 155.4                  | 158.5     | 158.9 | 159.4 | 159.8 | 160.1 | 160.5 |
| Wood products  | 321              | 1.5            | 2.2            | 1.4            | -.4                              | 1.1  | 2.6  | .9   | -.6               | 135.3                  | 135.4     | 135.3 | 135.3 | 135.2 | 135.1 | 135.0 |
| Nonmetallic mineral products                                     | 327              | 1.1            | .9             | 1.2            | 1.4                              | 1.5  | 2.0  | 1.8  | 1.4               | 137.8                  | 139.0     | 139.2 | 139.3 | 139.5 | 139.7 | 139.8 |
| Primary metal  | 331              | -.2            | .8             | -.4            | -2.0                             | 2.2  | -.6  | .4   | 1.1               | 132.3                  | 133.1     | 133.2 | 133.3 | 133.4 | 133.5 | 133.7 |
| Iron and steel products  | 3311,2           | -.5            | -.1            | -.6            | 4.0                              | 3.4  | 3.2  | .1   | .7                | 132.4                  | 132.3     | 132.3 | 132.4 | 132.4 | 132.5 | 132.6 |
| Fabricated metal products  | 332              | 1.5            | 3.3            | 1.3            | -.4                              | .4   | .8   | 1.6  | .7                | 138.5                  | 139.6     | 139.7 | 139.8 | 139.9 | 140.0 | 140.0 |
| Machinery  | 333              | 1.7            | 3.9            | 1.5            | .2                               | 1.0  | 1.3  | 2.1  | 1.6               | 148.2                  | 150.1     | 150.3 | 150.5 | 150.7 | 150.9 | 151.1 |
| Computer and electronic products                                 | 334              | 14.9           | 12.4           | 15.3           | 4.1                              | 9.6  | 7.5  | 14.1 | 11.6              | 236.9                  | 257.0     | 259.7 | 262.3 | 264.7 | 267.1 | 269.5 |
| Computer and peripheral equip.                                   | 3341             | 24.3           | 33.0           | 23.3           | .2                               | 35.7 | 13.2 | 15.1 | 11.7              | 236.0                  | 258.0     | 260.8 | 263.4 | 265.9 | 268.2 | 270.5 |
| Communications equipment   | 3342             | 10.9           | 11.0           | 10.8           | -4.3                             | -3.7 | 1.6  | 9.3  | 10.5              | 224.0                  | 237.7     | 239.7 | 241.7 | 243.8 | 245.8 | 247.8 |
| Semiconductor and related electronic components                  | 334412-9         | 22.7           | 17.5           | 23.3           | 15.7                             | 14.0 | 14.2 | 32.0 | 24.1              | 339.0                  | 400.4     | 408.7 | 416.7 | 424.4 | 431.9 | 439.2 |
| Electrical equipment, appliances, and components                 | 335              | 1.3            | 3.8            | 1.0            | -2.6                             | -2.3 | .9   | 2.1  | 2.3               | 124.9                  | 126.5     | 126.7 | 127.0 | 127.2 | 127.5 | 127.7 |
| Transportation equipment   | 336              | 1.9            | 1.7            | 2.0            | .1                               | .6   | 1.3  | -1.2 | .8                | 141.7                  | 141.1     | 141.1 | 141.2 | 141.3 | 141.4 | 141.5 |
| Motor vehicles and parts   | 3361-3           | 2.6            | 3.1            | 2.5            | -.2                              | .8   | 1.9  | -2.3 | .1                | 133.2                  | 131.8     | 131.7 | 131.7 | 131.7 | 131.7 | 131.8 |
| Autos and light trucks   | 33611            | 2.9            | 3.7            | 2.8            | .4                               | 2.5  | 5.2  | -5.1 | .4                | 139.9                  | 136.3     | 136.2 | 136.1 | 136.2 | 136.3 | 136.4 |
| Aerospace and miscellaneous transportation equipment             | 3364-9           | .9             | -.1            | 1.1            | -1.0                             | .3   | .4   | .5   | 1.7               | 156.4                  | 157.4     | 157.6 | 157.8 | 158.0 | 158.2 | 158.5 |
| Furniture and related products                                   | 337              | 2.2            | 3.9            | 2.0            | -2.2                             | -.9  | .2   | -.6  | -.7               | 132.3                  | 131.7     | 131.6 | 131.5 | 131.4 | 131.3 | 131.3 |
| Miscellaneous  | 339              | 3.1            | 3.6            | 3.0            | 2.4                              | 4.0  | 3.2  | 3.9  | 2.0               | 153.5                  | 156.7     | 157.0 | 157.3 | 157.6 | 157.9 | 158.1 |
| <b>Nondurable manufacturing</b>                                  |                  | 1.7            | 3.0            | 1.6            | -.1                              | .5   | .3   | .7   | .6                | 131.3                  | 131.9     | 132.0 | 132.1 | 132.2 | 132.2 | 132.3 |
| Food   | 311              | 2.0            | 2.8            | 1.8            | .5                               | .9   | 1.2  | 1.4  | 1.2               | 131.3                  | 132.3     | 132.4 | 132.6 | 132.7 | 132.8 | 133.0 |
| Beverage and tobacco products                                    | 312              | .6             | 1.1            | .5             | .8                               | 1.7  | .2   | .5   | .4                | 148.0                  | 148.6     | 148.6 | 148.7 | 148.7 | 148.8 | 148.8 |
| Textile mills  | 313              | -.4            | 2.6            | -.8            | -6.4                             | -5.8 | -5.7 | -6.0 | -5.8              | 102.2                  | 98.6      | 98.1  | 97.6  | 97.1  | 96.7  | 96.2  |
| Textile product mills  | 314              | 1.6            | 2.4            | 1.5            | -.7                              | -.2  | .3   | -.1  | -.1               | 130.4                  | 130.3     | 130.3 | 130.3 | 130.2 | 130.2 | 130.2 |
| Apparel  | 315              | -2.0           | 1.3            | -2.4           | -12.3                            | -3.7 | -4.2 | -3.7 | -3.4              | 102.5                  | 100.5     | 100.2 | 99.9  | 99.6  | 99.4  | 99.1  |
| Leather and allied products                                      | 316              | -3.2           | -1.8           | -3.3           | -4.7                             | -2.6 | -2.7 | -2.1 | -2.5              | 144.7                  | 142.9     | 142.7 | 142.4 | 142.1 | 141.7 | 141.4 |
| Paper  | 322              | 1.3            | 3.1            | 1.1            | -.5                              | -1.0 | -.1  | -.2  | -.5               | 115.9                  | 115.7     | 115.6 | 115.5 | 115.5 | 115.4 | 115.4 |
| Printing and support   | 323              | 2.4            | 3.4            | 2.3            | -2.8                             | -1.0 | .9   | 1.4  | 1.3               | 128.9                  | 130.0     | 130.1 | 130.2 | 130.4 | 130.5 | 130.7 |
| Petroleum and coal products                                      | 324              | 1.2            | 5.7            | .7             | 6.4                              | 1.5  | .3   | -.3  | -.2               | 122.3                  | 122.1     | 122.1 | 122.1 | 122.0 | 122.0 | 122.0 |
| Chemical   | 325              | 2.5            | 3.8            | 2.4            | 1.8                              | 2.2  | .3   | 1.6  | 1.3               | 144.1                  | 145.6     | 145.8 | 145.9 | 146.1 | 146.2 | 146.4 |
| Plastics material and resin                                      | 325211           | 3.1            | 5.6            | 2.8            | 10.6                             | 6.9  | -2.5 | .9   | .2                | 124.7                  | 125.9     | 126.0 | 126.0 | 126.1 | 126.1 | 126.1 |
| Synthetic rubber   | 325212           | 1.5            | 3.1            | 1.4            | -1.2                             | -2.9 | .0   | .6   | .6                | 147.2                  | 147.6     | 147.7 | 147.7 | 147.8 | 147.9 | 147.9 |
| Artificial and synthetic fibers and filaments                    | 32522            | .2             | 14.2           | -1.3           | -14.6                            | -4.5 | -.2  | -6.4 | -.9               | 106.2                  | 102.7     | 102.5 | 102.4 | 102.3 | 102.3 | 102.3 |
| Plastics and rubber products                                     | 326              | 3.3            | 5.4            | 3.1            | -2.9                             | .1   | .7   | 1.5  | 1.9               | 123.0                  | 124.3     | 124.5 | 124.8 | 125.0 | 125.1 | 125.3 |
| <b>Other manufacturing (non-NAICS)</b>                           | <b>1133,5111</b> | 1.1            | 3.1            | .8             | -.6                              | -.2  | 1.1  | .6   | .3                | 116.0                  | 116.3     | 116.3 | 116.3 | 116.4 | 116.4 | 116.4 |
| <b>Mining</b>  |                  |                |                |                |                                  |      |      |      |                   |                        |           |       |       |       |       |       |
| Oil and gas extraction   | 211              | -.9            | -2.6           | -.7            | -2.5                             | -2.4 | -.4  | .6   | .8                | 102.0                  | 102.4     | 102.5 | 102.6 | 102.6 | 102.7 | 102.8 |
| Mining (except oil and gas)                                      | 212              | 1.5            | 1.7            | 1.4            | 1.4                              | 2.1  | 1.0  | -.1  | .7                | 128.1                  | 128.4     | 128.5 | 128.6 | 128.6 | 128.7 | 128.8 |
| Coal mining  | 2121             | 1.5            | 2.5            | 1.4            | -.7                              | 4.1  | 1.2  | .6   | .6                | 121.8                  | 122.3     | 122.4 | 122.4 | 122.5 | 122.6 | 122.6 |
| Metal mining   | 2122             | 1.5            | 1.6            | 1.5            | -.2                              | -.5  | 2.0  | -.2  | 3.9               | 137.0                  | 138.4     | 138.8 | 139.3 | 139.7 | 140.2 | 140.7 |
| Stone and earth minerals   | 2123             | .8             | .4             | .8             | 2.1                              | .6   | -.3  | -1.1 | -2.2              | 125.8                  | 124.7     | 124.5 | 124.3 | 124.1 | 123.8 | 123.6 |
| Support activities for mining                                    | 213              | 1.0            | 6.0            | .4             | .0                               | 2.7  | 7.6  | 8.2  | 2.1               | 168.9                  | 174.8     | 175.2 | 175.6 | 175.9 | 176.2 | 176.3 |
| <b>Utilities</b>   | <b>2211,2</b>    | 2.5            | 6.1            | 2.1            | 2.9                              | .7   | .8   | 1.2  | 2.2               | 125.3                  | 126.8     | 127.1 | 127.3 | 127.6 | 127.8 | 128.1 |
| Electric   | 2211             | 3.2            | 8.3            | 2.6            | 3.4                              | .6   | .8   | 2.4  | 2.4               | 126.1                  | 128.0     | 128.2 | 128.5 | 128.7 | 129.0 | 129.2 |
| Natural gas  | 2212             | .1             | -1.0           | -.2            | .1                               | -.2  | -.4  | -.3  | .3                | 123.2                  | 123.1     | 123.1 | 123.2 | 123.2 | 123.2 | 123.3 |
| <b>SPECIAL AGGREGATES</b>  |                  |                |                |                |                                  |      |      |      |                   |                        |           |       |       |       |       |       |
| Selected high-technology industries                              |                  | 20.3           | 19.2           | 20.4           | 5.5                              | 13.1 | 10.3 | 21.4 | 17.6              | 281.1                  | 316.7     | 321.6 | 326.2 | 330.7 | 335.1 | 339.4 |
| Manufacturing ex. selected high-tech industries                  |                  | 1.7            | 2.7            | 1.6            | -.2                              | .7   | .8   | .8   | .8                | 135.4                  | 136.1     | 136.2 | 136.3 | 136.4 | 136.5 | 136.6 |
| Manufacturing ex. selected high-tech and motor vehicles and pts. |                  | 1.6            | 2.7            | 1.5            | -.2                              | .7   | .7   | 1.0  | .9                | 135.6                  | 136.4     | 136.6 | 136.7 | 136.8 | 136.9 | 137.0 |