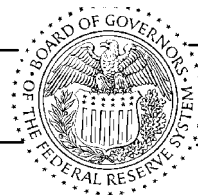


# FEDERAL RESERVE statistical release



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

**For release at 9:15 a.m. (EST)  
November 17, 2008**

## **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>May <sup>r</sup> | June <sup>r</sup> | July <sup>r</sup> | Aug. <sup>r</sup> | Sept. <sup>r</sup> | Oct. <sup>p</sup> | 2008<br>May <sup>r</sup> | June <sup>r</sup> | July <sup>r</sup> | Aug. <sup>r</sup> | Sept. <sup>r</sup> | Oct. <sup>p</sup> |
| <b>Oil and gas extraction</b>                                   | <b>211</b>  | 7.79                                  | 98.1                     | 98.1              | 99.8              | 98.9              | 86.6               | 94.4              | 99.0                     | 99.2              | 99.9              | 98.5              | 86.5               | 94.3              |
| Crude petroleum and natural gas extraction                      | 211111      | 7.15                                  | 97.8                     | 98.2              | 99.8              | 98.8              | 86.8               | 94.3              | 98.7                     | 99.3              | 99.9              | 98.5              | 86.6               | 94.0              |
| Crude oil                                                       | 211111pt.   | 2.89                                  | 87.2                     | 86.9              | 88.2              | 85.9              | 69.6               | 79.5              | 88.8                     | 87.8              | 87.8              | 85.2              | 69.0               | 79.1              |
| Natural gas                                                     | 211111pt.   | 4.26                                  | 106.1                    | 107.0             | 108.8             | 108.8             |                    |                   | 106.3                    | 108.3             | 109.3             | 108.8             |                    |                   |
| Natural gas liquid extraction                                   | 211112      | .65                                   | 100.8                    | 96.6              | 99.2              | 99.7              | 84.5               | 95.8              | 102.4                    | 96.9              | 99.3              | 98.4              | 84.9               | 97.4              |
| <b>Mining (except oil and gas)</b>                              | <b>212</b>  | 1.91                                  | 100.8                    | 99.9              | 101.1             | 101.9             | 101.0              | 103.4             | 102.5                    | 105.2             | 105.6             | 106.3             | 105.6              | 106.6             |
| Coal mining                                                     | 2121        | .70                                   | 107.2                    | 98.9              | 105.3             | 108.2             | 106.6              |                   | 104.7                    | 101.4             | 102.6             | 108.7             | 107.0              |                   |
| Metal ore mining                                                | 2122        | .58                                   | 116.2                    | 120.6             | 119.3             | 123.4             | 121.2              | 119.5             | 113.3                    | 121.6             | 120.2             | 123.9             | 124.0              | 121.4             |
| Iron ore mining                                                 | 21221       | .04                                   | 104.0                    | 113.9             | 104.1             | 109.0             | 101.3              |                   | 109.7                    | 116.0             | 112.2             | 111.2             | 100.8              |                   |
| Gold ore and silver ore mining                                  | 21222       | .13                                   | 78.2                     | 80.6              | 82.0              | 82.6              | 82.3               | 81.5              | 75.6                     | 83.5              | 79.5              | 80.8              | 87.3               | 84.6              |
| Copper, nickel, lead, and zinc mining                           | 21223       | .24                                   | 116.5                    | 121.1             | 119.2             | 126.7             | 123.4              | 121.2             | 115.4                    | 122.9             | 119.9             | 124.1             | 127.5              | 121.9             |
| Nonmetallic mineral mining and quarrying                        | 2123        | .64                                   | 81.2                     | 83.3              | 81.5              | 77.6              | 78.4               | 84.1              | 90.5                     | 94.6              | 95.6              | 88.6              | 88.4               | 91.3              |
| <b>Support activities for mining</b>                            | <b>213</b>  | 1.91                                  | 152.7                    | 155.4             | 156.0             | 158.6             | 161.9              | 158.7             | 154.4                    | 156.4             | 157.5             | 161.7             | 163.2              | 160.5             |
| Drilling oil and gas wells                                      | 213111      | .77                                   | 177.3                    | 179.9             | 179.2             | 183.3             | 189.6              | 187.5             | 177.4                    | 180.2             | 182.5             | 188.0             | 191.3              | 188.6             |
| <b>Electric power generation, transmission and distribution</b> | <b>2211</b> | 7.98                                  | 109.2                    | 112.3             | 111.3             | 106.0             | 108.8              | 109.4             | 101.9                    | 118.5             | 128.0             | 124.9             | 114.3              | 102.6             |
| Electric power generation                                       | 22111       | 3.21                                  | 105.4                    | 108.7             | 106.9             | 101.8             | 104.4              | 104.9             | 99.8                     | 116.7             | 120.3             | 116.4             | 107.2              | 96.1              |
| Hydroelectric power generation                                  | 221111      | .19                                   | 105.7                    | 119.8             | 107.0             |                   |                    |                   | 127.1                    | 145.2             | 115.8             |                   |                    |                   |
| Fossil fuel and other electric power generation                 | 221112,9    | 1.68                                  | 108.1                    | 110.3             | 108.7             |                   |                    |                   | 97.9                     | 119.0             | 127.9             |                   |                    |                   |
| Nuclear electric power generation                               | 221113      | 1.34                                  | 102.2                    | 105.1             | 104.7             |                   |                    |                   | 97.8                     | 109.6             | 112.1             |                   |                    |                   |
| Electric power transmission, control, and distribution          | 22112       | 4.77                                  | 111.9                    | 114.9             | 114.4             | 109.1             | 112.0              | 112.5             | 103.4                    | 119.8             | 133.5             | 130.9             | 119.4              | 107.3             |
| Commercial and other electricity sales                          | 22112pt.    | 1.92                                  | 121.2                    | 124.5             | 125.8             |                   |                    |                   | 118.4                    | 132.1             | 142.7             |                   |                    |                   |
| Industrial electricity sales                                    | 22112pt.    | .80                                   | 108.5                    | 103.2             | 103.3             |                   |                    |                   | 110.5                    | 105.7             | 107.8             |                   |                    |                   |
| Residential electricity sales                                   | 22112pt.    | 2.04                                  | 105.6                    | 111.7             | 109.6             |                   |                    |                   | 87.7                     | 115.3             | 136.4             |                   |                    |                   |
| <b>Natural gas distribution</b>                                 | <b>2212</b> | 1.70                                  | 102.0                    | 99.4              | 99.8              | 98.4              | 99.8               | 99.8              | 68.5                     | 56.9              | 57.4              | 57.2              | 53.4               | 66.6              |
| Commercial and other gas sales                                  | 2212pt.     | .29                                   | 100.1                    | 93.0              | 96.6              | 93.6              |                    |                   | 68.4                     | 51.3              | 48.7              | 48.2              |                    |                   |
| Industrial gas sales                                            | 2212pt.     | .14                                   | 98.7                     | 102.8             | 104.1             | 103.8             |                    |                   | 93.0                     | 106.4             | 123.7             | 127.7             |                    |                   |
| Residential gas sales                                           | 2212pt.     | .81                                   | 100.5                    | 96.1              | 94.6              | 92.9              |                    |                   | 57.1                     | 35.7              | 29.3              | 27.2              |                    |                   |
| Gas transmission                                                | 2212pt.     | .46                                   | 98.4                     | 100.2             | 101.8             | 101.8             |                    |                   | 82.0                     | 83.8              | 93.4              | 95.5              |                    |                   |
| <b>Food</b>                                                     | <b>311</b>  | 8.26                                  | 112.5                    | 112.4             | 111.8             | 112.0             | 111.8              | 112.7             | 111.3                    | 113.4             | 112.3             | 114.8             | 114.9              | 115.7             |
| Animal food                                                     | 3111        | .61                                   | 129.8                    | 127.7             | 129.0             | 135.1             | 134.5              | 136.5             | 127.7                    | 127.6             | 128.4             | 133.0             | 133.9              | 136.4             |
| Grain and oilseed milling                                       | 3112        | .82                                   | 105.7                    | 106.7             | 105.3             | 103.9             | 102.4              | 102.3             | 104.4                    | 104.4             | 104.9             | 103.7             | 103.6              | 106.0             |
| Sugar and confectionery product                                 | 3113        | .54                                   | 107.0                    | 109.8             | 107.8             | 102.0             | 110.0              | 110.9             | 99.6                     | 100.3             | 96.3              | 101.3             | 113.8              | 121.9             |
| Fruit and vegetable preserving and specialty food               | 3114        | .86                                   | 99.8                     | 99.0              | 94.5              | 91.1              | 94.2               | 97.6              | 93.2                     | 95.8              | 101.1             | 110.0             | 114.5              | 104.5             |
| Dairy product                                                   | 3115        | .90                                   | 107.1                    | 110.2             | 110.3             | 112.3             | 110.5              | 110.1             | 115.3                    | 119.6             | 112.9             | 109.7             | 104.4              | 102.9             |
| Dairy product (except frozen)                                   | 31151       | .75                                   | 107.4                    | 110.2             | 113.1             | 114.1             | 111.9              | 111.2             | 114.8                    | 115.6             | 112.1             | 108.3             | 104.4              | 104.3             |
| Fluid milk                                                      | 311511      | .36                                   | 109.8                    | 109.6             | 110.7             | 109.9             | 110.3              |                   | 114.3                    | 112.6             | 109.3             | 107.7             | 106.7              |                   |
| Creamery butter                                                 | 311512      | .01                                   | 112.5                    | 120.2             | 110.4             | 130.0             | 117.9              |                   | 118.3                    | 105.9             | 93.0              | 100.3             | 102.9              |                   |
| Cheese                                                          | 311513      | .20                                   | 110.3                    | 111.1             | 114.4             | 112.8             | 111.5              |                   | 111.7                    | 112.2             | 109.0             | 109.9             | 110.0              |                   |
| Dry, condensed, and evaporated dairy product                    | 311514      | .18                                   | 99.6                     | 110.3             | 116.8             | 123.3             | 115.4              |                   | 117.9                    | 124.3             | 120.6             | 107.1             | 93.1               |                   |
| Ice cream and frozen dessert                                    | 31152       | .15                                   | 106.7                    | 110.7             | 98.3              | 104.6             | 104.7              |                   | 117.6                    | 138.5             | 117.1             | 116.5             | 104.4              |                   |
| Animal slaughtering and processing                              | 3116        | 1.80                                  | 118.9                    | 117.1             | 118.5             | 119.4             | 119.0              | 117.9             | 118.2                    | 121.0             | 116.4             | 120.3             | 119.9              | 124.5             |
| Animal (except poultry) slaughtering and meat                   | 311611-3    | .89                                   | 111.6                    | 108.0             | 111.4             | 108.0             | 111.1              | 110.1             | 109.3                    | 111.5             | 107.7             | 110.4             | 112.4              | 115.5             |
| Beef                                                            | 311611-3pt. | .51                                   | 106.4                    | 99.4              | 102.6             | 100.3             | 103.1              |                   | 107.6                    | 109.0             | 105.1             | 106.9             | 104.7              |                   |
| Pork                                                            | 311611-3pt. | .38                                   | 120.9                    | 122.4             | 126.2             | 121.0             | 124.6              |                   | 113.3                    | 117.1             | 113.3             | 117.3             | 125.6              |                   |
| Miscellaneous meats                                             | 311611-3pt. | .01                                   | 82.4                     | 80.5              | 80.9              | 81.3              | 82.3               |                   | 79.3                     | 77.7              | 74.4              | 76.8              | 81.3               |                   |
| Poultry processing                                              | 311615      | .91                                   | 126.8                    | 127.2             | 126.3             | 131.9             | 127.6              |                   | 127.9                    | 131.4             | 125.9             | 131.3             | 128.1              |                   |
| Bakeries and tortilla                                           | 3118        | 1.11                                  | 97.5                     | 96.3              | 96.2              | 96.4              | 94.4               | 95.4              | 97.3                     | 96.7              | 96.1              | 96.8              | 96.6               | 96.7              |
| Other food                                                      | 3119        | 1.44                                  | 130.9                    | 130.5             | 128.6             | 127.8             | 126.3              | 128.6             | 130.9                    | 131.5             | 129.4             | 129.7             | 129.6              | 130.5             |
| Coffee and tea                                                  | 31192       | .13                                   | 115.9                    | 114.4             | 112.8             | 109.9             | 110.7              | 114.3             | 116.8                    | 115.9             | 114.1             | 112.9             | 111.7              | 112.2             |
| <b>Beverage and tobacco product</b>                             | <b>312</b>  | 2.49                                  | 103.4                    | 101.5             | 100.9             | 100.1             | 99.0               | 98.9              | 104.8                    | 109.9             | 97.1              | 105.9             | 98.3               | 103.7             |
| Beverage                                                        | 3121        | 1.40                                  | 112.9                    | 113.2             | 109.6             | 109.1             | 108.7              | 108.0             | 117.7                    | 119.6             | 111.0             | 113.3             | 106.6              | 107.8             |
| Soft drink and ice                                              | 31211       | .62                                   | 112.1                    | 110.8             | 109.1             | 106.0             | 106.4              | 104.9             | 113.5                    | 116.0             | 118.7             | 115.5             | 106.2              | 102.6             |
| Breweries                                                       | 31212       | .42                                   | 111.4                    | 112.9             | 106.0             |                   |                    |                   | 122.4                    | 125.2             | 115.4             |                   |                    |                   |
| Tobacco                                                         | 3122        | 1.09                                  | 93.1                     | 88.8              | 91.4              | 90.2              | 88.5               | 89.0              | 90.6                     | 99.4              | 82.0              | 97.8              | 89.3               | 99.2              |
| <b>Textile mills</b>                                            | <b>313</b>  | .48                                   | 64.6                     | 62.7              | 62.8              | 64.7              | 62.6               | 61.6              | 66.1                     | 63.7              | 61.4              | 64.7              | 63.2               | 62.3              |
| Fiber, yarn, and thread mills                                   | 3131        | .10                                   | 70.0                     | 70.6              | 73.3              | 74.4              | 68.2               |                   | 72.0                     | 71.1              | 72.1              | 75.7              | 67.9               |                   |
| Fabric mills                                                    | 3132        | .27                                   | 66.2                     | 63.5              | 63.0              | 65.3              | 63.9               | 62.1              | 68.1                     | 64.6              | 61.2              | 64.9              | 64.9               | 62.9              |
| Textile and fabric finishing and fabric coating                 | 3133        | .11                                   | 57.1                     | 54.8              | 54.4              | 56.1              | 55.4               | 55.6              | 57.2                     | 56.2              | 53.5              | 55.8              | 56.2               | 55.2              |
| <b>Textile product mills</b>                                    | <b>314</b>  | .45                                   | 85.7                     | 85.9              | 85.9              | 84.9              | 84.0               | 84.2              | 84.3                     | 90.8              | 89.7              | 87.1              | 84.4               | 86.1              |
| Textile furnishings mills                                       | 3141        | .27                                   | 72.8                     | 72.2              | 71.9              | 70.8              | 70.3               | 69.5              | 69.2                     | 77.1              | 77.8              | 74.1              | 70.6               | 72.7              |
| Carpet and rug mills                                            | 31411       | .20                                   | 80.2                     | 79.7              | 78.9              |                   |                    |                   | 75.5                     | 86.5              | 87.4              |                   |                    |                   |
| Other textile product mills                                     | 3149        | .18                                   | 110.8                    | 112.4             | 113.1             | 112.2             | 110.6              | 112.9             | 113.5                    | 117.5             | 112.9             | 112.4             | 111.4              | 112.1             |

<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>May <sup>r</sup> | June <sup>r</sup> | July <sup>r</sup> | Aug. <sup>r</sup> | Sept. <sup>r</sup> | Oct. <sup>p</sup> | 2008<br>May <sup>r</sup> | June <sup>r</sup> | July <sup>r</sup> | Aug. <sup>r</sup> | Sept. <sup>r</sup> | Oct. <sup>p</sup> |
| <b>Apparel</b>                                   | <b>315</b> | .49                                   | 70.3                     | 71.3              | 72.4              | 72.7              | 71.8               | 70.5              | 70.8                     | 73.1              | 71.8              | 73.0              | 72.0               | 70.7              |
| <b>Leather and allied product</b>                | <b>316</b> | .09                                   | 105.0                    | 108.8             | 107.8             | 109.1             | 110.9              | 108.6             | 106.8                    | 109.9             | 103.5             | 107.0             | 110.4              | 109.3             |
| <b>Wood product</b>                              | <b>321</b> | 1.19                                  | 89.6                     | 89.0              | 88.4              | 87.6              | 85.1               | 81.5              | 90.4                     | 92.9              | 88.9              | 90.1              | 87.4               | 84.0              |
| Sawmills and wood preservation                   | 3211       | .25                                   | 91.8                     | 90.1              | 88.8              | 89.4              |                    |                   | 91.7                     | 93.5              | 89.2              | 90.0              |                    |                   |
| Plywood and misc. wood products                  | 3212,9     | .93                                   | 88.9                     | 88.6              | 88.2              | 87.1              | 84.4               | 81.1              | 90.0                     | 92.6              | 88.8              | 90.0              | 87.4               | 83.3              |
| Veneer, plywood, and engineered wood product     | 3212       | .26                                   | 76.2                     | 76.9              | 76.1              | 78.0              | 72.8               | 71.2              | 78.6                     | 83.0              | 78.2              | 79.0              | 75.8               | 72.2              |
| Veneer and plywood                               | 321211,2   | .08                                   | 83.2                     | 84.0              | 86.1              |                   |                    |                   | 88.8                     | 91.9              | 81.3              |                   |                    |                   |
| Reconstituted wood product                       | 321219     | .09                                   | 85.3                     | 89.0              | 83.0              | 91.8              | 78.9               | 78.0              | 83.9                     | 94.2              | 87.5              | 87.7              | 82.5               | 80.3              |
| Other wood product                               | 3219       | .67                                   | 94.6                     | 93.8              | 93.5              | 91.3              | 89.5               | 85.6              | 95.0                     | 97.0              | 93.5              | 94.9              | 92.5               | 88.3              |
| Millwork                                         | 32191      | .36                                   | 97.3                     | 96.9              | 96.6              | 96.0              | 94.5               | 90.2              | 98.3                     | 100.3             | 98.5              | 99.4              | 96.8               | 92.0              |
| Wood container and pallet                        | 32192      | .09                                   | 132.1                    | 131.7             | 130.4             | 129.4             | 121.9              | 116.7             | 131.0                    | 135.1             | 134.7             | 131.8             | 127.0              | 117.9             |
| All other wood product                           | 32199      | .22                                   | 79.4                     | 78.0              | 78.1              | 73.6              | 73.2               | 70.1              | 79.7                     | 81.1              | 74.5              | 77.9              | 76.6               | 74.3              |
| Manufactured home                                | 321991     | .08                                   | 65.0                     | 61.1              | 65.2              | 58.4              |                    |                   | 65.0                     | 65.7              | 56.1              | 65.1              |                    |                   |
| <b>Paper</b>                                     | <b>322</b> | 2.54                                  | 96.4                     | 94.6              | 93.8              | 94.5              | 91.2               | 90.9              | 94.2                     | 95.7              | 93.9              | 94.5              | 91.6               | 93.1              |
| Pulp, paper, and paperboard mills                | 3221       | 1.35                                  | 98.5                     | 95.9              | 95.9              | 95.4              | 93.2               | 92.0              | 96.5                     | 96.5              | 95.9              | 96.3              | 93.3               | 92.8              |
| Pulp mills                                       | 32211      | .06                                   | 94.0                     | 92.3              | 94.1              | 94.9              | 90.9               |                   | 93.0                     | 92.8              | 94.7              | 96.7              | 91.5               |                   |
| Paper mills                                      | 32212      | .89                                   | 102.1                    | 99.4              | 98.3              | 97.1              | 94.9               | 93.0              | 99.0                     | 99.8              | 97.8              | 97.6              | 94.5               | 94.4              |
| Paper (except newsprint) mills                   | 322121     | .85                                   | 103.3                    | 100.5             | 99.4              | 97.9              | 95.9               |                   | 100.2                    | 101.0             | 98.7              | 98.5              | 95.6               |                   |
| Paperboard mills                                 | 32213      | .40                                   | 91.1                     | 88.6              | 90.6              | 91.5              | 89.4               |                   | 91.3                     | 89.7              | 91.7              | 92.9              | 90.6               |                   |
| Converted paper product                          | 3222       | 1.19                                  | 94.2                     | 93.2              | 91.5              | 93.6              | 89.2               | 89.8              | 91.8                     | 94.9              | 91.7              | 92.7              | 89.7               | 93.5              |
| Paperboard container                             | 32221      | .57                                   | 92.3                     | 93.5              | 91.8              | 95.0              | 90.8               |                   | 90.2                     | 96.7              | 92.8              | 94.1              | 91.7               |                   |
| Paper bag and coated and treated paper           | 32222      | .29                                   | 105.0                    | 98.1              | 95.4              | 96.8              | 90.7               | 92.5              | 101.2                    | 99.1              | 95.0              | 95.9              | 90.8               | 93.2              |
| Other converted paper products                   | 32223,9    | .33                                   | 89.1                     | 89.1              | 88.4              | 88.9              | 85.5               | 87.7              | 87.3                     | 89.0              | 87.7              | 88.0              | 85.9               | 88.6              |
| <b>Printing and related support activities</b>   | <b>323</b> | 1.87                                  | 97.0                     | 94.2              | 92.6              | 94.0              | 92.9               | 92.4              | 96.4                     | 93.5              | 91.5              | 94.0              | 94.3               | 93.4              |
| <b>Petroleum and coal products</b>               | <b>324</b> | 5.24                                  | 110.9                    | 110.0             | 110.3             | 108.6             | 99.4               | 109.2             | 113.8                    | 114.7             | 114.3             | 112.9             | 100.4              | 108.3             |
| Petroleum refineries                             | 32411      | 4.80                                  | 112.0                    | 111.1             | 111.3             | 109.4             | 99.6               | 110.2             | 114.9                    | 115.3             | 114.8             | 113.0             | 99.7               | 108.7             |
| Aviation fuel and kerosene                       | 32411pt.   | .54                                   | 105.1                    | 105.3             | 106.5             | 105.1             |                    |                   | 104.6                    | 106.5             | 109.6             | 107.2             |                    |                   |
| Distillate fuel oil                              | 32411pt.   | 1.19                                  | 129.3                    | 132.0             | 131.0             | 128.4             |                    |                   | 132.5                    | 135.9             | 134.0             | 132.7             |                    |                   |
| Automotive gasoline                              | 32411pt.   | 2.25                                  | 109.1                    | 105.7             | 107.8             | 106.5             |                    |                   | 110.7                    | 109.1             | 109.5             | 108.2             |                    |                   |
| Residual fuel oil                                | 32411pt.   | .15                                   | 129.6                    | 122.1             | 102.5             | 103.6             |                    |                   | 129.4                    | 122.3             | 102.9             | 101.9             |                    |                   |
| Other refinery output                            | 32411pt.   | .67                                   | 98.5                     | 100.5             | 99.8              | 95.6              | 87.9               | 94.3              | 108.8                    | 110.8             | 110.2             | 106.6             | 91.3               | 88.2              |
| Paving, roofing, and other petroleum and coal    | 32412,9    | .44                                   | 103.4                    | 102.3             | 103.2             | 104.5             | 100.5              | 102.1             | 105.6                    | 112.1             | 113.6             | 115.9             | 111.0              | 108.2             |
| <b>Chemical</b>                                  | <b>325</b> | 11.57                                 | 113.4                    | 112.7             | 112.3             | 111.2             | 102.0              | 107.2             | 114.8                    | 113.3             | 111.6             | 111.0             | 101.9              | 106.9             |
| Basic chemical                                   | 3251       | 3.00                                  | 116.2                    | 112.6             | 112.4             | 110.9             | 87.0               | 101.9             | 116.4                    | 111.6             | 110.8             | 109.3             | 87.5               | 103.3             |
| Organic chemicals                                | 32511,9    | 2.17                                  | 121.3                    | 118.6             | 117.8             | 116.1             | 82.1               | 102.7             | 122.0                    | 119.5             | 118.6             | 116.9             | 82.8               | 103.4             |
| Basic inorganic chemicals                        | 32512-8    | .83                                   | 110.2                    | 104.5             | 105.4             | 104.4             | 101.7              | 104.8             | 109.1                    | 98.9              | 98.5              | 97.2              | 101.8              | 107.3             |
| Industrial gas                                   | 32512      | .16                                   | 142.7                    | 141.5             | 138.5             | 135.7             | 134.2              | 132.8             | 144.0                    | 143.4             | 139.2             | 135.9             | 134.3              | 132.6             |
| Synthetic dye and pigment                        | 32513      | .12                                   | 86.4                     | 85.3              | 88.7              | 84.2              | 81.3               | 83.1              | 84.7                     | 85.4              | 86.8              | 86.7              | 83.0               | 83.8              |
| Other basic inorganic chemical                   | 32518      | .55                                   | 107.2                    | 99.4              | 100.6             | 100.9             | 97.9               | 102.4             | 105.6                    | 90.7              | 90.8              | 89.7              | 97.6               | 105.9             |
| Alkalies and chlorine                            | 325181     | .11                                   | 109.4                    | 108.1             | 108.6             | 104.5             | 71.1               |                   | 107.6                    | 107.8             | 110.7             | 106.9             | 72.5               |                   |
| All other basic inorganic chemical               | 325188     | .43                                   | 107.7                    | 97.7              | 99.2              | 100.4             | 104.3              | 104.9             | 106.1                    | 86.6              | 86.0              | 85.3              | 103.4              | 110.0             |
| Acids, phosphates, and sulfates                  | 325188pt.  | .05                                   | 116.8                    | 116.5             | 115.3             | 113.8             | 113.1              | 111.9             | 117.0                    | 116.9             | 114.5             | 112.9             | 112.6              | 111.1             |
| Misc. inorganic chemicals                        | 325188pt.  | .21                                   | 88.7                     | 89.3              | 89.5              | 89.0              | 88.6               | 88.3              | 89.3                     | 88.7              | 88.0              | 87.0              | 86.7               | 88.0              |
| Resin, synthetic rubber, and synthetic fibers    | 3252       | 1.18                                  | 104.9                    | 106.1             | 102.6             | 100.0             | 74.9               | 87.0              | 105.3                    | 106.9             | 104.6             | 101.8             | 75.0               | 86.2              |
| Resin and synthetic rubber                       | 32521      | 1.07                                  | 109.2                    | 110.3             | 106.6             | 104.3             | 75.5               | 89.1              | 109.4                    | 110.9             | 109.0             | 106.0             | 75.7               | 88.5              |
| Plastics material and resin                      | 325211     | .99                                   | 108.8                    | 109.7             | 105.9             | 103.6             |                    |                   | 108.8                    | 110.3             | 108.6             | 105.5             |                    |                   |
| Synthetic rubber                                 | 325212     | .08                                   | 112.4                    | 114.9             | 113.1             | 111.6             | 101.8              | 105.3             | 113.9                    | 115.0             | 112.9             | 110.1             | 100.2              | 103.2             |
| Artificial and synthetic fibers and filaments    | 32522      | .11                                   | 73.5                     | 76.1              | 73.8              | 68.6              | 71.9               |                   | 75.5                     | 78.7              | 72.5              | 71.2              | 71.9               |                   |
| Pesticide, fertilizer, and other agricultural    | 3253       | .49                                   | 111.4                    | 107.5             | 108.8             | 105.0             | 99.1               | 101.1             | 114.4                    | 109.1             | 108.2             | 103.7             | 95.7               | 99.8              |
| Pharmaceutical and medicine                      | 3254       | 4.53                                  | 119.7                    | 119.5             | 120.0             | 119.4             | 120.3              | 119.6             | 122.1                    | 119.5             | 117.1             | 118.5             | 120.1              | 119.5             |
| Paints, soaps and toiletries, and other chemical | 3255-9     | 2.38                                  | 106.3                    | 107.9             | 107.3             | 106.8             | 105.2              | 106.0             | 107.6                    | 111.5             | 109.8             | 109.1             | 105.5              | 103.7             |
| Paints and other chemical products               | 3255,9     | 1.19                                  | 94.3                     | 95.6              | 94.1              | 93.4              | 92.1               | 92.2              | 97.8                     | 101.8             | 97.6              | 95.9              | 91.9               | 89.3              |
| Paint, coating, and adhesive                     | 3255       | .54                                   | 101.4                    | 103.0             | 100.7             | 99.3              | 98.5               | 97.4              | 109.2                    | 115.8             | 108.6             | 104.9             | 98.2               | 92.4              |
| Paint and coating                                | 32551      | .38                                   | 90.2                     | 90.5              | 90.1              | 89.2              | 88.5               | 88.1              | 101.2                    | 106.1             | 101.2             | 94.8              | 87.2               | 80.8              |
| Soaps and toiletries                             | 3256       | 1.19                                  | 117.9                    | 120.0             | 120.5             | 120.3             | 118.4              | 120.1             | 116.5                    | 120.2             | 121.6             | 122.3             | 119.3              | 118.6             |
| <b>Plastics and rubber products</b>              | <b>326</b> | 3.04                                  | 101.5                    | 102.4             | 102.7             | 100.9             | 99.6               | 97.6              | 101.7                    | 104.0             | 100.3             | 101.3             | 100.9              | 97.9              |
| Plastics product                                 | 3261       | 2.53                                  | 101.9                    | 103.3             | 103.5             | 101.9             | 100.2              | 97.9              | 102.0                    | 104.7             | 102.1             | 102.0             | 101.4              | 98.3              |
| Rubber product                                   | 3262       | .51                                   | 99.5                     | 98.2              | 98.3              | 95.8              | 96.6               | 95.6              | 99.8                     | 100.6             | 91.9              | 97.6              | 98.1               | 96.1              |
| Tire                                             | 32621      | .20                                   | 89.3                     | 87.7              | 84.4              | 84.3              | 86.8               | 85.7              | 91.6                     | 91.3              | 77.4              | 88.5              | 88.3               | 86.1              |
| Rubber products ex. tires                        | 32622,9    | .31                                   | 107.2                    | 106.2             | 108.8             | 104.4             | 104.0              | 103.1             | 106.2                    | 107.7             | 102.7             | 104.6             | 105.5              | 103.6             |

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

Table 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>May <sup>r</sup> | June <sup>r</sup> | July <sup>r</sup> | Aug. <sup>r</sup> | Sept. <sup>r</sup> | Oct. <sup>p</sup> | 2008<br>May <sup>r</sup> | June <sup>r</sup> | July <sup>r</sup> | Aug. <sup>r</sup> | Sept. <sup>r</sup> | Oct. <sup>p</sup> |
| <b>Nonmetallic mineral product</b>                                                | <b>327</b> | 2.25                                  | 105.0                    | 103.9             | 105.1             | 104.2             | 101.8              | 101.3             | 107.2                    | 109.1             | 108.5             | 109.1             | 105.8              | 105.1             |
| Clay, lime, gypsum, and misc.<br>nonmetallic mineral                              | 3271,4,9   | .72                                   | 104.3                    | 100.8             | 101.2             | 103.9             | 101.6              | 102.1             | 105.1                    | 103.6             | 102.1             | 104.8             | 102.2              | 102.6             |
| Clay and misc. nonmetallic<br>mineral products                                    | 3271,9     | .57                                   | 106.1                    | 102.4             | 103.8             | 104.8             | 102.9              | 103.5             | 107.0                    | 104.9             | 104.3             | 106.1             | 103.9              | 103.6             |
| Clay product and refractory                                                       | 3271       | .15                                   | 74.6                     | 74.6              | 75.5              | 77.3              | 76.4               | 76.8              | 75.1                     | 76.1              | 75.6              | 78.0              | 76.0               | 75.0              |
| Pottery, ceramics,<br>and plumbing fixture                                        | 32711      | .06                                   | 83.1                     | 82.2              | 84.2              | 88.8              | 86.7               | 88.4              | 82.9                     | 82.2              | 82.9              | 90.6              | 87.9               | 87.5              |
| Clay building material<br>and refractories                                        | 32712      | .10                                   | 69.2                     | 69.7              | 69.9              | 69.9              | 69.7               | 69.4              | 70.0                     | 72.1              | 70.8              | 69.9              | 68.4               | 66.9              |
| Other nonmetallic mineral product                                                 | 3279       | .42                                   | 124.5                    | 118.6             | 120.3             | 120.8             | 118.4              | 119.1             | 125.6                    | 121.8             | 121.0             | 122.5             | 120.1              | 120.3             |
| Lime and gypsum product                                                           | 3274       | .15                                   | 99.2                     | 97.0              | 93.2              | 102.6             | 98.6               | 98.7              | 99.8                     | 100.8             | 95.7              | 101.9             | 98.0               | 100.9             |
| Glass and glass product                                                           | 3272       | .44                                   | 110.2                    | 110.6             | 112.0             | 109.4             | 104.1              | 103.6             | 109.7                    | 111.2             | 108.9             | 109.6             | 105.6              | 105.7             |
| Glass container                                                                   | 327213     | .08                                   | 92.9                     | 91.1              | 94.3              | 89.4              | 86.3               |                   | 94.8                     | 92.7              | 95.1              | 91.4              | 85.8               |                   |
| Cement and concrete product                                                       | 3273       | 1.09                                  | 103.4                    | 103.1             | 104.9             | 102.4             | 101.2              | 100.1             | 107.8                    | 111.9             | 112.6             | 111.9             | 108.4              | 106.6             |
| Cement                                                                            | 32731      | .23                                   | 100.8                    | 102.9             | 108.0             | 103.0             | 102.9              |                   | 113.4                    | 121.3             | 117.7             | 119.5             | 113.3              |                   |
| Concrete and product                                                              | 32732-9    | .86                                   | 103.7                    | 102.8             | 103.7             | 101.9             | 100.4              | 99.3              | 106.4                    | 109.5             | 111.3             | 110.1             | 107.2              | 104.7             |
| <b>Primary metal</b>                                                              | <b>331</b> | 2.70                                  | 109.5                    | 109.9             | 112.0             | 109.8             | 104.4              | 99.4              | 110.5                    | 110.6             | 109.1             | 108.8             | 105.2              | 101.2             |
| Iron and steel products                                                           | 3311,2     | 1.32                                  | 113.8                    | 114.6             | 119.7             | 116.1             | 104.8              | 94.3              | 115.7                    | 115.5             | 116.9             | 114.6             | 105.7              | 98.2              |
| Pig iron                                                                          | 3311,2pt.  | .11                                   | 100.7                    | 98.3              | 103.9             | 107.8             | 95.0               |                   | 102.9                    | 100.1             | 99.1              | 105.5             | 96.3               |                   |
| Raw steel                                                                         | 3311,2pt.  | .08                                   | 120.7                    | 118.3             | 122.8             | 121.2             | 108.8              |                   | 122.7                    | 119.5             | 118.5             | 119.2             | 111.8              |                   |
| Coke and products                                                                 | 3311,2pt.  | .02                                   | 95.8                     | 93.4              | 92.1              | 91.1              | 89.1               | 86.0              | 98.1                     | 95.0              | 93.6              | 91.6              | 89.0               | 86.5              |
| Construction steel                                                                | 3311,2pt.  | .16                                   | 112.8                    | 111.0             | 126.3             | 113.0             | 100.7              |                   | 118.0                    | 114.6             | 130.4             | 114.4             | 101.0              |                   |
| Consumer durable steel                                                            | 3311,2pt.  | .17                                   | 107.6                    | 113.6             | 117.3             | 113.9             | 112.1              |                   | 112.6                    | 112.6             | 101.5             | 113.3             | 113.8              |                   |
| Can and closure steel                                                             | 3311,2pt.  | .03                                   | 93.0                     | 102.4             | 103.2             | 101.2             | 105.8              |                   | 97.5                     | 111.6             | 99.9              | 104.4             | 106.8              |                   |
| Equipment steel                                                                   | 3311,2pt.  | .08                                   | 120.1                    | 120.1             | 126.0             | 128.9             | 123.7              |                   | 121.9                    | 124.2             | 124.3             | 126.2             | 124.5              |                   |
| Miscellaneous steel                                                               | 3311,2pt.  | .65                                   | 118.7                    | 119.6             | 123.1             | 119.0             | 103.8              |                   | 118.5                    | 119.0             | 122.0             | 116.3             | 104.1              |                   |
| Alumina and aluminum production<br>and processing                                 | 3313       | .37                                   | 110.8                    | 109.5             | 104.2             | 102.6             | 99.2               | 98.0              | 109.8                    | 111.1             | 102.8             | 103.9             | 103.7              | 100.2             |
| Primary aluminum production                                                       | 331312     | .08                                   | 106.9                    | 106.6             | 104.3             | 103.5             | 103.6              | 101.1             | 108.2                    | 106.7             | 103.6             | 102.6             | 102.4              | 100.3             |
| Secondary smelting and alloying<br>of aluminum                                    | 331314     | .07                                   | 251.5                    | 230.0             | 206.8             | 190.9             | 200.5              |                   | 243.8                    | 234.2             | 196.6             | 196.6             | 213.3              |                   |
| Misc. aluminum materials                                                          | 331315,9   | .14                                   | 95.2                     | 97.7              | 94.6              | 95.6              | 88.3               |                   | 93.6                     | 97.5              | 94.5              | 96.7              | 94.2               |                   |
| Aluminum extruded product                                                         | 331316     | .06                                   | 80.4                     | 81.0              | 75.6              | 75.2              | 67.8               |                   | 80.7                     | 86.0              | 74.6              | 77.2              | 72.7               |                   |
| Nonferrous metal (except aluminum)<br>production and processing                   | 3314       | .45                                   | 98.6                     | 98.5              | 101.2             | 100.0             | 102.0              | 103.5             | 99.5                     | 97.1              | 98.4              | 99.1              | 101.5              | 102.9             |
| Nonferrous metal (except aluminum)<br>smelting and refining                       | 33141      | .14                                   | 83.5                     | 87.5              | 86.5              | 84.8              | 83.6               | 82.0              | 84.4                     | 84.5              | 81.3              | 81.9              | 81.3               | 83.5              |
| Primary smelting and refining<br>of copper                                        | 331411     | .07                                   | 64.5                     | 66.9              | 64.6              | 65.5              | 63.2               | 61.6              | 66.7                     | 67.7              | 62.1              | 66.8              | 61.4               | 60.9              |
| Primary smelting and refining<br>of nonferrous                                    | 331419     | .07                                   | 106.7                    | 112.9             | 114.0             |                   |                    |                   | 105.0                    | 103.5             | 104.8             |                   |                    |                   |
| Foundries                                                                         | 3315       | .56                                   | 109.3                    | 110.3             | 110.0             | 109.6             | 109.3              | 108.1             | 109.5                    | 111.8             | 106.0             | 107.9             | 108.8              | 107.0             |
| <b>Fabricated metal product</b>                                                   | <b>332</b> | 5.58                                  | 111.5                    | 110.1             | 109.7             | 110.3             | 109.1              | 107.5             | 111.8                    | 110.9             | 108.8             | 110.7             | 110.0              | 108.1             |
| Forging and stamping                                                              | 3321       | .44                                   | 123.3                    | 122.0             | 122.9             | 121.0             | 121.5              | 120.3             | 123.7                    | 122.2             | 119.3             | 120.7             | 121.9              | 121.1             |
| Cutlery and handtool                                                              | 3322       | .17                                   | 69.4                     | 68.7              | 69.3              | 70.6              | 68.1               | 65.9              | 69.3                     | 68.1              | 68.5              | 69.6              | 67.9               | 66.7              |
| Architectural and structural metals                                               | 3323       | 1.35                                  | 113.7                    | 111.9             | 113.7             | 116.2             | 114.4              | 111.6             | 113.7                    | 113.5             | 115.1             | 118.3             | 116.5              | 113.8             |
| Hardware                                                                          | 3325       | .17                                   | 65.1                     | 61.6              | 62.1              | 63.3              | 63.8               | 61.0              | 65.3                     | 62.6              | 61.4              | 62.0              | 63.1               | 60.5              |
| Spring and wire product                                                           | 3326       | .14                                   | 81.8                     | 79.7              | 79.1              | 79.0              | 78.6               | 78.7              | 81.7                     | 81.6              | 77.5              | 79.2              | 78.9               | 78.2              |
| Machine shops; turned product;<br>and screw, nut, and bolt                        | 3327       | 1.19                                  | 132.1                    | 131.2             | 130.2             | 130.1             | 128.3              | 127.4             | 132.2                    | 131.3             | 126.7             | 129.5             | 128.6              | 127.7             |
| Coating, engraving, heat treating,<br>and allied                                  | 3328       | .46                                   | 118.3                    | 114.9             | 113.3             | 114.6             | 110.5              | 107.3             | 118.8                    | 113.8             | 110.6             | 114.3             | 111.6              | 108.4             |
| Other fabricated metal product                                                    | 3329       | 1.24                                  | 111.1                    | 110.0             | 107.9             | 107.4             | 107.3              | 105.9             | 110.7                    | 110.5             | 106.9             | 107.4             | 107.2              | 105.9             |
| Ball and roller bearing                                                           | 332991     | .15                                   | 95.9                     | 93.0              | 94.3              | 95.9              | 97.6               | 99.4              | 94.0                     | 95.3              | 95.7              | 97.3              | 98.0               | 98.9              |
| <b>Machinery</b>                                                                  | <b>333</b> | 4.89                                  | 112.3                    | 112.2             | 111.2             | 113.0             | 110.3              | 108.4             | 113.5                    | 115.4             | 107.7             | 111.2             | 110.5              | 108.5             |
| Agriculture, construction,<br>and mining machinery                                | 3331       | 1.02                                  | 137.4                    | 138.6             | 144.3             | 147.9             | 143.1              | 136.1             | 140.7                    | 142.4             | 134.6             | 144.6             | 143.1              | 139.4             |
| Agricultural implement                                                            | 33311      | .37                                   | 106.0                    | 95.9              | 112.9             | 113.6             | 102.2              | 100.6             | 110.4                    | 98.7              | 104.4             | 110.3             | 101.2              | 100.6             |
| Farm machinery and equipment                                                      | 333111     | .29                                   | 106.0                    | 91.4              | 112.9             | 113.6             | 102.2              | 99.7              | 110.4                    | 96.0              | 104.8             | 112.3             | 102.4              | 101.3             |
| Construction machinery                                                            | 33312      | .36                                   | 128.7                    | 140.6             | 137.2             | 147.4             | 147.4              | 126.0             | 132.6                    | 147.2             | 124.7             | 142.5             | 150.7              | 132.2             |
| Mining and oil and gas field<br>machinery                                         | 33313      | .29                                   | 224.9                    | 233.5             | 228.9             | 227.8             | 230.1              | 235.2             | 225.3                    | 235.6             | 221.9             | 228.1             | 227.5              | 241.5             |
| Industrial machinery                                                              | 3332       | .68                                   | 110.1                    | 104.6             | 99.8              | 102.2             | 98.3               | 96.8              | 111.3                    | 106.0             | 99.6              | 102.5             | 98.1               | 95.9              |
| Commercial and service industry<br>machinery and other                            | 3333,9     | 1.69                                  | 120.2                    | 121.0             | 120.7             | 122.3             | 120.4              | 119.9             | 119.9                    | 121.7             | 120.0             | 121.4             | 119.6              | 119.5             |
| HVAC, metalworking, and power<br>transmission machinery                           | 3334-6     | 1.50                                  | 95.2                     | 95.6              | 92.3              | 93.3              | 91.1               | 90.3              | 96.8                     | 101.4             | 87.7              | 90.4              | 92.4               | 89.8              |
| Ventilation, heating, air-conditioning, and<br>commercial refrigeration equipment | 3334       | .58                                   | 98.7                     | 104.3             | 96.8              | 94.9              | 91.2               | 90.3              | 102.1                    | 117.8             | 90.6              | 88.3              | 93.8               | 85.8              |
| Metalworking machinery                                                            | 3335       | .49                                   | 104.0                    | 103.4             | 104.6             | 104.4             | 103.4              | 101.0             | 105.4                    | 103.6             | 102.4             | 101.8             | 103.3              | 102.9             |
| Engine, turbine, and power<br>transmission equipment                              | 3336       | .43                                   | 82.8                     | 78.2              | 75.5              | 81.0              | 79.5               | 80.2              | 82.6                     | 80.4              | 70.4              | 82.1              | 80.7               | 82.2              |

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

Table 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>May <sup>r</sup> | June <sup>r</sup> | July <sup>r</sup> | Aug. <sup>r</sup> | Sept. <sup>r</sup> | Oct. <sup>p</sup> | 2008<br>May <sup>r</sup> | June <sup>r</sup> | July <sup>r</sup> | Aug. <sup>r</sup> | Sept. <sup>r</sup> | Oct. <sup>p</sup> |
| <b>Computer and electronic product</b>                       | <b>334</b>  | 6.85                                  | 209.5                    | 210.5             | 211.3             | 210.4             | 208.1              | 207.2             | 203.8                    | 219.9             | 203.4             | 209.4             | 222.1              | 209.2             |
| Computer and peripheral equipment                            | 3341        | .98                                   | 216.7                    | 216.9             | 216.3             | 215.1             | 213.3              | 211.0             | 219.1                    | 224.3             | 220.0             | 215.6             | 217.8              | 224.5             |
| Communications equipment                                     | 3342        | 1.28                                  | 203.6                    | 204.4             | 205.1             | 205.6             | 206.3              | 205.7             | 202.0                    | 207.0             | 204.3             | 204.7             | 210.3              | 211.4             |
| Audio and video equipment                                    | 3343        | .09                                   | 136.5                    | 126.7             | 148.0             | 142.8             | 129.8              | 132.0             | 120.5                    | 123.3             | 121.4             | 135.2             | 157.1              | 160.8             |
| Semiconductor and other electronic component                 | 3344        | 2.06                                  | 336.1                    | 338.8             | 344.1             | 340.6             | 335.5              | 331.6             | 311.2                    | 378.9             | 304.0             | 336.7             | 398.3              | 320.4             |
| Navigational, measuring, electromedical and control          | 3345        | 2.35                                  | 131.8                    | 132.8             | 131.4             | 131.3             | 129.5              | 130.0             | 130.5                    | 133.8             | 130.8             | 131.4             | 130.5              | 130.2             |
| <b>Electrical equipment, appliance, and component</b>        | <b>335</b>  | 1.93                                  | 106.6                    | 106.7             | 106.4             | 105.5             | 102.8              | 103.4             | 105.7                    | 107.0             | 103.6             | 104.6             | 104.1              | 104.8             |
| Household appliance                                          | 3352        | .29                                   | 95.0                     | 94.5              | 93.7              | 90.2              | 82.4               | 86.4              | 93.9                     | 93.0              | 83.9              | 88.2              | 85.8               | 94.0              |
| Small electrical appliance                                   | 33521       | .05                                   | 65.3                     | 64.5              | 62.6              | 63.1              | 63.4               | 62.7              | 52.1                     | 57.7              | 57.0              | 67.1              | 77.6               | 83.4              |
| Major appliance                                              | 33522       | .25                                   | 103.8                    | 103.3             | 102.9             | 98.2              | 88.0               | 93.4              | 106.1                    | 103.3             | 91.8              | 94.4              | 88.4               | 97.3              |
| Electrical equipment except appliances                       | 3351,3-9    | 1.64                                  | 108.7                    | 109.0             | 108.8             | 108.4             | 106.7              | 106.6             | 107.9                    | 109.7             | 107.3             | 107.6             | 107.5              | 106.8             |
| Electric lighting equipment                                  | 3351        | .23                                   | 94.9                     | 95.3              | 96.4              | 92.4              | 93.5               | 92.8              | 93.7                     | 93.8              | 95.2              | 92.2              | 93.7               | 93.2              |
| Electrical equipment                                         | 3353        | .67                                   | 122.4                    | 124.1             | 122.3             | 122.9             | 119.5              | 119.0             | 121.2                    | 124.2             | 121.4             | 121.5             | 119.8              | 119.0             |
| Other electrical equipment and component                     | 3359        | .73                                   | 102.0                    | 101.2             | 101.8             | 101.6             | 100.4              | 101.0             | 101.7                    | 102.9             | 99.8              | 101.2             | 101.9              | 101.2             |
| Battery                                                      | 33591       | .12                                   | 115.3                    | 114.9             | 116.2             | 114.3             | 115.8              | 114.6             | 113.1                    | 121.2             | 111.6             | 112.7             | 124.5              | 116.6             |
| Communication and energy wire and cable                      | 33592       | .20                                   | 95.0                     | 93.7              | 94.2              | 94.3              | 93.4               | 95.0              | 95.6                     | 94.8              | 91.4              | 94.2              | 93.4               | 92.8              |
| Other electrical equipment                                   | 33593,9     | .41                                   | 101.5                    | 100.7             | 101.3             | 101.4             | 99.2               | 99.8              | 101.2                    | 101.6             | 100.4             | 101.3             | 99.6               | 100.8             |
| <b>Transportation equipment</b>                              | <b>336</b>  | 8.62                                  | 97.9                     | 100.7             | 101.7             | 95.1              | 88.2               | 85.3              | 99.5                     | 104.6             | 86.7              | 96.4              | 89.7               | 88.4              |
| Motor vehicle                                                | 3361        | 2.28                                  | 78.6                     | 85.6              | 90.0              | 74.3              | 76.9               | 72.5              | 81.8                     | 94.3              | 59.8              | 77.6              | 80.1               | 79.5              |
| Automobile and light duty motor vehicle                      | 33611       | 2.19                                  | 78.0                     | 86.0              | 90.6              | 74.1              | 77.0               | 72.3              | 81.2                     | 94.8              | 59.6              | 77.6              | 80.1               | 79.2              |
| Automobile                                                   | 336111      | .68                                   | 83.6                     | 88.1              | 109.7             | 94.9              | 93.2               | 87.8              | 83.5                     | 95.1              | 75.6              | 100.7             | 97.0               | 96.5              |
| Light truck and utility vehicle                              | 336112      | 1.51                                  | 74.8                     | 84.5              | 80.6              | 63.4              | 68.6               | 64.1              | 79.6                     | 94.3              | 51.4              | 65.7              | 71.3               | 70.2              |
| Heavy duty truck                                             | 33612       | .09                                   | 98.4                     | 83.2              | 80.9              | 83.4              | 80.0               | 82.9              | 103.0                    | 87.5              | 68.3              | 81.3              | 83.3               | 91.4              |
| Motor vehicle body and trailer                               | 3362        | .37                                   | 85.6                     | 84.3              | 77.5              | 72.6              | 69.5               | 68.9              | 87.6                     | 89.5              | 74.2              | 72.9              | 70.8               | 68.0              |
| Truck trailer                                                | 336212      | .07                                   | 86.1                     | 89.0              | 89.4              | 91.9              | 84.9               | 84.1              | 86.0                     | 98.8              | 85.3              | 91.4              | 93.3               | 87.8              |
| Motor home                                                   | 336213      | .06                                   | 50.6                     | 44.9              | 33.4              | 29.2              | 28.2               |                   | 50.7                     | 48.9              | 29.8              | 29.4              | 30.5               |                   |
| Travel trailer and camper                                    | 336214      | .11                                   | 103.4                    | 96.7              | 79.3              | 75.1              | 67.6               | 65.0              | 109.3                    | 107.6             | 75.9              | 73.9              | 65.5               | 61.8              |
| Motor vehicle parts                                          | 3363        | 2.47                                  | 87.4                     | 88.2              | 89.9              | 84.7              | 84.8               | 83.1              | 89.9                     | 91.9              | 72.4              | 86.5              | 86.2               | 87.2              |
| Aerospace product and parts                                  | 3364        | 2.70                                  | 128.5                    | 130.9             | 130.1             | 129.7             | 103.2              | 99.1              | 127.6                    | 130.4             | 128.6             | 129.6             | 103.5              | 98.5              |
| Aircraft and parts                                           | 336411-3    | 2.27                                  | 131.5                    | 134.3             | 133.5             | 133.3             | 101.5              | 95.9              | 130.7                    | 133.5             | 131.6             | 133.2             | 101.9              | 95.5              |
| Railroad eq., ships and boats, and other                     | 3365-9      | .80                                   | 109.5                    | 109.6             | 105.6             | 103.8             | 99.1               | 99.2              | 110.4                    | 110.6             | 102.8             | 101.7             | 99.6               | 99.6              |
| Railroad rolling stock                                       | 3365        | .13                                   | 111.4                    | 107.3             | 101.6             | 102.0             | 102.4              | 98.8              | 112.1                    | 108.1             | 98.7              | 99.0              | 101.8              | 100.4             |
| Ship and boat building                                       | 3366        | .47                                   | 98.3                     | 100.5             | 94.8              | 92.9              | 85.7               | 88.3              | 99.4                     | 102.5             | 90.8              | 90.3              | 86.3               | 88.0              |
| Other transportation equipment                               | 3369        | .20                                   | 138.6                    | 135.6             | 138.1             | 134.7             | 134.0              | 129.5             | 139.2                    | 133.7             | 138.8             | 135.2             | 134.9              | 131.2             |
| <b>Furniture and related product</b>                         | <b>337</b>  | 1.43                                  | 94.4                     | 93.7              | 92.8              | 89.2              | 87.6               | 85.1              | 93.3                     | 95.0              | 93.1              | 93.0              | 88.6               | 84.1              |
| Household and institutional furniture and kitchen            | 3371        | .77                                   | 83.8                     | 82.7              | 81.0              | 78.6              | 75.7               | 73.4              | 83.3                     | 83.6              | 79.7              | 80.1              | 76.4               | 73.3              |
| Office and other furniture                                   | 3372,9      | .66                                   | 108.6                    | 108.4             | 108.6             | 103.3             | 103.5              | 100.8             | 106.9                    | 110.4             | 111.3             | 110.4             | 105.0              | 98.7              |
| <b>Miscellaneous</b>                                         | <b>339</b>  | 3.09                                  | 116.6                    | 116.1             | 116.6             | 118.8             | 116.7              | 116.4             | 116.1                    | 117.2             | 114.4             | 119.1             | 117.1              | 116.3             |
| Medical equipment and supplies                               | 3391        | 1.80                                  | 125.9                    | 125.3             | 126.4             | 130.9             | 129.3              | 128.2             | 125.5                    | 126.7             | 125.7             | 131.4             | 129.1              | 127.3             |
| <b>Logging</b>                                               | <b>1133</b> | .17                                   | 106.7                    | 102.0             | 105.3             | 101.5             | 100.4              | 99.3              | 99.7                     | 103.6             | 109.8             | 111.5             | 109.9              | 107.4             |
| <b>Newspaper, periodical, book, and directory publishers</b> | <b>5111</b> | 3.52                                  | 87.7                     | 87.8              | 86.5              | 86.0              | 85.6               | 85.3              | 84.9                     | 91.5              | 95.3              | 92.8              | 88.5               | 85.1              |
| Newspaper publishers                                         | 51111       | 1.10                                  | 72.2                     | 70.5              | 69.3              | 68.4              | 67.6               | 66.8              | 70.6                     | 69.9              | 67.5              | 63.5              | 69.7               | 72.0              |
| Periodical, book, and other publishers                       | 51112-9     | 2.42                                  | 96.2                     | 97.2              | 95.8              | 95.6              | 95.4               | 95.4              | 92.7                     | 103.1             | 110.3             | 108.5             | 98.6               | 92.3              |
| STAGE-OF-PROCESS GROUPS (CAPACITY <sup>2</sup> )             |             |                                       |                          |                   |                   |                   |                    |                   |                          |                   |                   |                   |                    |                   |
| Crude                                                        |             | 16.09                                 | 106.7                    | 105.8             | 107.0             | 106.6             | 95.6               | 102.1             | 107.0                    | 106.6             | 106.8             | 106.5             | 95.8               | 102.5             |
| Primary and semifinished                                     |             | 47.29                                 | 108.5                    | 108.7             | 108.4             | 106.6             | 104.1              | 104.9             | 106.3                    | 111.0             | 109.0             | 109.7             | 105.2              | 103.1             |
| Finished                                                     |             | 36.62                                 | 116.1                    | 116.6             | 116.6             | 115.4             | 112.8              | 112.0             | 116.2                    | 118.8             | 113.2             | 116.8             | 114.2              | 114.0             |

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

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

Table 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>May <sup>r</sup> | June <sup>r</sup> | July <sup>r</sup> | Aug. <sup>r</sup> | Sept. <sup>r</sup> | Oct. <sup>p</sup>       | 2008<br>May <sup>r</sup> | June <sup>r</sup> | July <sup>r</sup> | Aug. <sup>r</sup> | Sept. <sup>r</sup> | Oct. <sup>p</sup> |
| <b>Total index</b>                                   |       | 100.00                                | 111.2                    | 111.3             | 111.4             | 110.1             | 105.9              | 107.3                   | 110.3                    | 113.3             | 110.5             | 112.0             | 107.0              | 107.1             |
| <b>Products and nonindustrial supplies</b>           |       | 56.13                                 | 110.5                    | 110.7             | 110.7             | 109.3             | 106.6              | 107.1                   | 109.0                    | 112.3             | 109.9             | 111.6             | 107.4              | 107.0             |
| <b>Final products</b>                                |       | 41.28                                 | 112.1                    | 112.6             | 112.6             | 111.0             | 108.2              | 108.8                   | 110.4                    | 113.8             | 110.4             | 113.0             | 108.5              | 108.5             |
| <b>Consumer goods</b>                                |       | 29.33                                 | 105.8                    | 106.2             | 106.2             | 104.1             | 102.9              | 104.3                   | 103.4                    | 107.1             | 104.1             | 106.6             | 102.9              | 103.5             |
| <b>Durable</b>                                       |       | 6.68                                  | 94.9                     | 96.8              | 97.6              | 91.5              | 90.8               | 88.9                    | 95.4                     | 100.5             | 86.8              | 92.8              | 92.9               | 92.1              |
| Automotive products                                  |       | 3.23                                  | 87.9                     | 92.3              | 93.6              | 83.2              | 84.7               | 81.6                    | 90.4                     | 98.4              | 74.4              | 85.1              | 86.8               | 85.6              |
| Autos and trucks, consumer                           |       | 1.85                                  | 74.4                     | 82.0              | 86.1              | 70.2              | 73.0               | 68.4                    | 77.5                     | 90.5              | 56.6              | 73.6              | 76.0               | 75.0              |
| Auto parts and allied goods                          |       | 1.38                                  | 110.2                    | 109.3             | 106.0             | 104.6             | 104.0              | 103.4                   | 111.7                    | 111.4             | 103.7             | 104.1             | 104.7              | 103.0             |
| Other goods                                          |       | 3.45                                  | 101.6                    | 101.1             | 101.4             | 99.6              | 96.8               | 96.0                    | 100.3                    | 102.5             | 98.8              | 100.2             | 98.8               | 98.3              |
| Home electronics                                     |       | .31                                   | 179.9                    | 177.1             | 184.8             | 183.2             | 178.7              | 178.4                   | 166.7                    | 168.9             | 166.9             | 172.5             | 187.3              | 199.0             |
| Appliances, furniture, and carpeting                 |       | 1.08                                  | 86.3                     | 85.4              | 85.0              | 81.5              | 78.1               | 77.3                    | 84.9                     | 85.9              | 82.8              | 84.1              | 79.0               | 78.3              |
| Household appliances                                 |       | .23                                   | 97.1                     | 97.6              | 95.3              | 90.9              | 84.4               | 88.9                    | 97.3                     | 96.0              | 83.4              | 87.5              | 86.3               | 95.1              |
| Carpeting and furniture                              |       | .85                                   | 83.3                     | 82.1              | 82.1              | 78.9              | 76.3               | 74.1                    | 81.5                     | 83.1              | 82.4              | 82.9              | 76.9               | 73.8              |
| Miscellaneous goods                                  |       | 2.06                                  | 100.9                    | 100.9             | 100.8             | 99.9              | 97.6               | 96.9                    | 100.6                    | 103.5             | 99.5              | 100.5             | 99.7               | 98.2              |
| <b>Nondurable</b>                                    |       | 22.65                                 | 109.1                    | 109.1             | 108.9             | 108.0             | 106.7              | 109.0                   | 105.9                    | 109.2             | 109.3             | 110.8             | 106.0              | 107.0             |
| Non-energy                                           |       | 16.27                                 | 109.2                    | 109.0             | 108.7             | 108.8             | 108.5              | 108.8                   | 109.0                    | 111.5             | 109.4             | 112.4             | 110.5              | 110.5             |
| Foods and tobacco                                    |       | 8.99                                  | 109.9                    | 109.2             | 108.8             | 108.8             | 108.5              | 109.2                   | 109.2                    | 112.5             | 108.9             | 113.6             | 111.5              | 112.8             |
| Clothing                                             |       | .54                                   | 73.7                     | 75.0              | 75.8              | 76.3              | 75.6               | 74.2                    | 74.4                     | 76.8              | 74.8              | 76.3              | 75.6               | 74.4              |
| Chemical products                                    |       | 4.71                                  | 118.7                    | 119.0             | 119.4             | 118.9             | 119.2              | 119.0                   | 120.4                    | 119.3             | 117.6             | 118.9             | 119.4              | 118.7             |
| Paper products                                       |       | 1.56                                  | 95.2                     | 95.8              | 94.5              | 94.6              | 94.0               | 94.2                    | 92.5                     | 100.2             | 105.1             | 104.0             | 96.4               | 92.0              |
| Miscellaneous goods                                  |       | .48                                   | 117.9                    | 117.5             | 118.4             | 121.6             | 120.0              | 119.4                   | 118.1                    | 119.4             | 117.6             | 122.0             | 119.9              | 118.5             |
| Energy                                               |       | 6.38                                  | 109.4                    | 109.8             | 109.6             | 106.6             | 102.7              | 109.8                   | 98.9                     | 104.2             | 109.3             | 107.4             | 95.7               | 99.1              |
| Fuels                                                |       | 3.52                                  | 115.0                    | 113.5             | 114.7             | 112.9             | 104.2              | 116.1                   | 117.0                    | 117.1             | 116.7             | 115.5             | 103.6              | 115.5             |
| Residential utilities                                |       | 2.86                                  | 105.1                    | 108.0             | 106.0             | 101.0             | 103.8              | 104.2                   | 78.1                     | 90.5              | 103.0             | 100.1             | 88.3               | 80.0              |
| <b>Equipment, total</b>                              |       | 11.95                                 | 129.3                    | 129.9             | 129.7             | 129.7             | 122.3              | 120.3                   | 129.4                    | 131.9             | 127.7             | 130.1             | 123.5              | 121.7             |
| Business equipment                                   |       | 9.38                                  | 130.4                    | 130.8             | 130.8             | 130.5             | 121.2              | 118.5                   | 130.7                    | 133.3             | 128.2             | 130.7             | 122.3              | 120.1             |
| Transit                                              |       | 1.71                                  | 118.6                    | 120.8             | 121.2             | 115.9             | 76.2               | 68.5                    | 119.1                    | 123.1             | 110.9             | 116.6             | 77.6               | 70.9              |
| Business vehicles                                    |       | .44                                   | 104.6                    | 108.6             | 114.8             | 99.3              | 101.4              | 97.7                    | 108.6                    | 118.4             | 79.8              | 102.4             | 105.4              | 107.1             |
| Business light vehicles                              |       | .34                                   | 106.8                    | 117.8             | 127.1             | 105.1             | 109.1              | 103.0                   | 110.5                    | 129.4             | 83.9              | 110.0             | 113.4              | 112.7             |
| Autos                                                |       | .13                                   | 84.9                     | 88.8              | 109.7             | 94.3              | 92.1               | 86.4                    | 84.8                     | 95.8              | 75.6              | 100.1             | 95.9               | 94.8              |
| Trucks                                               |       | .21                                   | 127.4                    | 145.9             | 141.5             | 112.9             | 123.9              | 117.5                   | 135.2                    | 162.5             | 89.9              | 116.8             | 128.6              | 128.3             |
| Information processing                               |       | 2.72                                  | 172.8                    | 173.7             | 172.9             | 172.6             | 171.0              | 170.7                   | 173.0                    | 178.0             | 174.2             | 173.6             | 174.0              | 174.4             |
| Industrial and other                                 |       | 4.95                                  | 114.0                    | 113.6             | 113.7             | 115.1             | 112.8              | 110.9                   | 114.3                    | 115.3             | 112.2             | 114.8             | 113.1              | 111.2             |
| Industrial equipment                                 |       | 2.75                                  | 118.0                    | 118.9             | 117.3             | 119.1             | 117.3              | 115.2                   | 118.4                    | 120.0             | 115.1             | 117.8             | 117.2              | 115.8             |
| Other equipment                                      |       | 2.20                                  | 109.3                    | 107.4             | 109.5             | 110.5             | 107.6              | 106.0                   | 109.5                    | 109.9             | 108.8             | 111.3             | 108.3              | 105.9             |
| Oil and gas well drilling<br>and manufactured homes  |       | .84                                   | 147.7                    | 148.9             | 149.2             | 151.0             | 155.1              | 153.3                   | 147.7                    | 150.0             | 149.8             | 155.7             | 157.5              | 156.0             |
| Defense and space equipment                          |       | 1.73                                  | 119.0                    | 120.2             | 119.1             | 119.4             | 116.9              | 118.1                   | 117.7                    | 120.3             | 118.5             | 119.1             | 117.6              | 118.1             |
| <b>Nonindustrial supplies</b>                        |       | 14.85                                 | 106.1                    | 105.7             | 105.8             | 104.8             | 102.3              | 102.5                   | 105.2                    | 108.4             | 108.3             | 107.9             | 104.4              | 102.9             |
| Construction supplies                                |       | 4.21                                  | 101.7                    | 101.3             | 102.1             | 101.1             | 99.2               | 98.1                    | 103.6                    | 106.6             | 105.6             | 104.8             | 102.6              | 100.0             |
| Other business supplies                              |       | 10.64                                 | 107.9                    | 107.5             | 107.4             | 106.3             | 103.6              | 104.3                   | 105.8                    | 109.1             | 109.4             | 109.1             | 105.1              | 104.1             |
| General business supplies                            |       | 7.70                                  | 105.7                    | 104.6             | 104.0             | 104.2             | 101.3              | 101.6                   | 104.6                    | 106.5             | 104.6             | 105.2             | 103.3              | 102.3             |
| Commercial energy products                           |       | 2.94                                  | 115.3                    | 116.7             | 117.9             | 113.5             | 111.0              | 113.0                   | 110.3                    | 117.4             | 123.8             | 121.0             | 111.4              | 110.1             |
| <b>Materials</b>                                     |       | 43.87                                 | 112.2                    | 112.1             | 112.3             | 111.1             | 105.1              | 107.6                   | 111.9                    | 114.5             | 111.3             | 112.5             | 106.6              | 107.4             |
| Non-energy                                           |       | 29.30                                 | 115.4                    | 115.4             | 115.1             | 113.9             | 108.6              | 109.5                   | 115.7                    | 118.2             | 112.0             | 114.6             | 110.9              | 110.5             |
| Durable                                              |       | 17.55                                 | 125.0                    | 125.4             | 125.7             | 124.2             | 121.9              | 119.9                   | 125.0                    | 129.3             | 119.6             | 124.6             | 125.7              | 121.4             |
| Consumer parts                                       |       | 2.92                                  | 85.7                     | 86.5              | 87.1              | 81.6              | 81.3               | 78.9                    | 88.9                     | 89.5              | 69.4              | 81.4              | 81.6               | 82.0              |
| Equipment parts                                      |       | 6.02                                  | 181.6                    | 182.5             | 182.6             | 183.4             | 180.6              | 179.1                   | 177.3                    | 190.3             | 174.3             | 182.5             | 191.2              | 178.2             |
| Computer and other<br>board assemblies and parts     |       | .31                                   | 147.5                    | 146.8             | 156.8             | 154.3             | 148.8              | 147.4                   | 144.3                    | 157.8             | 149.3             | 159.7             | 162.9              | 153.6             |
| Semiconductors, printed<br>circuit boards, and other |       | 1.64                                  | 395.0                    | 398.8             | 400.3             | 396.8             | 392.9              | 388.0                   | 365.9                    | 447.4             | 354.4             | 390.1             | 467.9              | 372.3             |
| Other equipment parts                                |       | 4.07                                  | 123.9                    | 124.4             | 123.6             | 125.1             | 123.0              | 122.2                   | 123.6                    | 125.2             | 121.5             | 124.6             | 123.5              | 122.7             |
| Other                                                |       | 8.62                                  | 108.4                    | 108.4             | 108.6             | 107.8             | 105.1              | 103.2                   | 109.0                    | 110.6             | 108.2             | 108.9             | 107.1              | 104.9             |
| Basic metals                                         |       | 2.83                                  | 111.0                    | 112.1             | 112.6             | 112.2             | 107.6              | 104.0                   | 110.7                    | 112.6             | 110.8             | 111.4             | 108.8              | 105.4             |
| Miscellaneous materials                              |       | 5.78                                  | 107.4                    | 106.9             | 106.8             | 105.9             | 104.2              | 103.1                   | 108.5                    | 109.9             | 107.3             | 108.1             | 106.5              | 104.9             |
| Nondurable                                           |       | 11.75                                 | 101.2                    | 100.8             | 99.8              | 99.1              | 90.4               | 94.5                    | 101.8                    | 102.2             | 100.4             | 100.0             | 90.9               | 94.9              |
| Textile                                              |       | .52                                   | 69.2                     | 67.4              | 67.8              | 69.6              | 67.4               | 66.8                    | 70.8                     | 68.9              | 66.5              | 69.7              | 68.2               | 67.4              |
| Paper                                                |       | 2.23                                  | 97.8                     | 95.1              | 94.5              | 94.6              | 92.4               | 91.8                    | 96.2                     | 95.4              | 94.2              | 95.0              | 92.9               | 92.6              |
| Chemical                                             |       | 5.78                                  | 109.1                    | 108.9             | 107.9             | 105.9             | 89.2               | 98.6                    | 110.7                    | 110.6             | 109.2             | 107.6             | 89.7               | 97.9              |
| Other materials                                      |       | 3.22                                  | 100.3                    | 101.3             | 99.8              | 100.0             | 98.5               | 98.2                    | 100.4                    | 103.1             | 100.3             | 100.1             | 99.2               | 100.2             |
| Containers                                           |       | .94                                   | 94.6                     | 95.2              | 94.5              | 95.4              | 92.6               | 91.7                    | 95.1                     | 98.6              | 96.8              | 96.5              | 94.8               | 95.1              |
| Miscellaneous materials                              |       | 2.28                                  | 103.1                    | 104.2             | 102.4             | 102.3             | 101.3              | 101.3                   | 102.9                    | 105.3             | 102.2             | 101.9             | 101.3              | 102.7             |
| Energy                                               |       | 14.58                                 | 104.2                    | 104.1             | 105.1             | 103.7             | 96.9               | 101.9                   | 103.2                    | 105.8             | 107.4             | 106.5             | 96.9               | 99.8              |
| Primary energy                                       |       | 10.42                                 | 102.2                    | 102.8             | 104.2             | 102.8             | 94.2               | 99.7                    | 102.7                    | 104.7             | 105.1             | 103.4             | 93.9               | 98.1              |
| Converted fuel                                       |       | 4.15                                  | 108.5                    | 106.5             | 106.1             | 105.0             | 103.4              | 106.8                   | 103.1                    | 107.5             | 112.7             | 113.9             | 104.0              | 103.3             |

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

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

| Item                                                             | NAICS            | 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>Oct. | 2008<br>May <sup>r</sup> | June <sup>r</sup> | July <sup>r</sup> | Aug. <sup>r</sup> | Sept. <sup>r</sup> | Oct. <sup>p</sup> |
|------------------------------------------------------------------|------------------|--------------------|-----------------------|-------------|-----------------------|----------------------|-----------------------|----------------------|--------------|--------------------------|-------------------|-------------------|-------------------|--------------------|-------------------|
| <b>Total industry</b>                                            |                  | 100.00             | 81.0                  | 70.9        | 85.0                  | 78.6                 | 85.1                  | 73.6                 | 80.9         | 79.6                     | 79.6              | 79.6              | 78.5              | 75.5               | 76.4              |
| STAGE-OF-PROCESS GROUPS                                          |                  |                    |                       |             |                       |                      |                       |                      |              |                          |                   |                   |                   |                    |                   |
| Crude                                                            |                  | 13.93              | 86.6                  | 78.2        | 88.3                  | 84.4                 | 89.5                  | 81.9                 | 87.8         | 89.6                     | 88.8              | 89.7              | 89.4              | 80.1               | 85.6              |
| Primary and semifinished                                         |                  | 47.15              | 82.2                  | 67.9        | 86.4                  | 77.8                 | 88.2                  | 74.6                 | 81.4         | 79.6                     | 79.6              | 79.3              | 77.9              | 75.9               | 76.5              |
| Finished                                                         |                  | 38.92              | 77.7                  | 71.0        | 82.8                  | 77.1                 | 80.4                  | 69.9                 | 77.6         | 75.9                     | 76.1              | 76.0              | 75.1              | 73.3               | 72.7              |
| INDUSTRY GROUPS                                                  |                  |                    |                       |             |                       |                      |                       |                      |              |                          |                   |                   |                   |                    |                   |
| <b>Manufacturing</b>                                             |                  | 80.83              | 79.7                  | 68.5        | 85.4                  | 77.1                 | 84.6                  | 71.5                 | 79.3         | 77.6                     | 77.4              | 77.2              | 76.4              | 73.5               | 73.8              |
| <b>Manufacturing (NAICS)</b>                                     | <b>31-33</b>     | 77.04              | 79.5                  | 67.8        | 85.3                  | 77.0                 | 84.7                  | 71.0                 | 79.3         | 77.6                     | 77.4              | 77.3              | 76.4              | 73.4               | 73.8              |
| <b>Durable manufacturing</b>                                     |                  | 41.25              | 78.0                  | 62.9        | 84.6                  | 73.5                 | 84.2                  | 68.1                 | 77.8         | 75.3                     | 75.4              | 75.5              | 74.2              | 71.8               | 70.3              |
| Wood products                                                    | 321              | 1.36               | 79.9                  | 59.4        | 87.3                  | 72.7                 | 87.9                  | 70.7                 | 71.3         | 66.3                     | 65.9              | 65.5              | 65.0              | 63.1               | 60.5              |
| Nonmetallic mineral products                                     | 327              | 2.35               | 79.4                  | 62.9        | 85.4                  | 71.7                 | 84.0                  | 74.9                 | 78.7         | 75.2                     | 74.3              | 75.1              | 74.4              | 72.6               | 72.1              |
| Primary metal                                                    | 331              | 2.64               | 80.9                  | 46.9        | 93.8                  | 75.0                 | 95.8                  | 68.5                 | 82.9         | 82.0                     | 82.2              | 83.7              | 82.0              | 77.9               | 74.1              |
| Iron and steel products                                          | 3311,2           | 1.24               | 82.4                  | 38.0        | 97.9                  | 71.3                 | 100.3                 | 69.5                 | 87.7         | 85.9                     | 86.4              | 90.2              | 87.4              | 78.9               | 70.9              |
| Fabricated metal products                                        | 332              | 5.64               | 77.5                  | 61.8        | 81.7                  | 72.7                 | 85.5                  | 69.5                 | 81.3         | 79.7                     | 78.6              | 78.3              | 78.7              | 77.8               | 76.6              |
| Machinery                                                        | 333              | 5.15               | 78.7                  | 58.0        | 85.3                  | 74.0                 | 87.6                  | 63.7                 | 78.0         | 74.4                     | 74.2              | 73.5              | 74.6              | 72.7               | 71.4              |
| Computer and electronic products                                 | 334              | 7.82               | 78.3                  | 77.4        | 81.9                  | 76.7                 | 83.7                  | 58.2                 | 77.6         | 78.4                     | 78.1              | 77.7              | 76.8              | 75.4               | 74.4              |
| Computer and peripheral equip.                                   | 3341             | 1.13               | 77.9                  | 67.1        | 79.7                  | 69.8                 | 86.3                  | 66.8                 | 78.2         | 80.8                     | 80.2              | 79.3              | 78.2              | 77.0               | 75.5              |
| Communications equipment                                         | 3342             | 1.45               | 75.7                  | 84.8        | 85.3                  | 76.9                 | 82.8                  | 40.4                 | 80.4         | 82.8                     | 82.5              | 82.1              | 81.6              | 81.2               | 80.3              |
| Semiconductor and related electronic components                  | 334412-9         | 2.35               | 80.8                  | 76.7        | 82.9                  | 78.0                 | 92.2                  | 57.4                 | 81.9         | 79.2                     | 78.5              | 78.5              | 76.4              | 74.1               | 72.1              |
| Electrical equipment, appliances, and components                 | 335              | 1.87               | 83.2                  | 64.6        | 89.1                  | 77.0                 | 93.1                  | 72.0                 | 82.9         | 83.6                     | 83.6              | 83.2              | 82.3              | 80.1               | 80.4              |
| Transportation equipment                                         | 336              | 9.51               | 75.5                  | 56.1        | 86.7                  | 67.7                 | 79.8                  | 69.1                 | 75.0         | 69.2                     | 71.2              | 71.8              | 67.0              | 62.1               | 60.0              |
| Motor vehicles and parts                                         | 3361-3           | 5.82               | 77.4                  | 44.9        | 89.5                  | 56.0                 | 89.0                  | 69.7                 | 72.0         | 63.3                     | 65.9              | 67.7              | 60.1              | 60.9               | 58.7              |
| Autos and light trucks                                           | 33611            | 2.59               | 77.6                  | 39.7        | 94.5                  | 53.5                 | 89.5                  | 74.7                 | 69.3         | 57.2                     | 63.0              | 66.3              | 54.1              | 56.2               | 52.6              |
| Aerospace and miscellaneous transportation equipment             | 3364-9           | 3.69               | 72.7                  | 69.0        | 87.4                  | 81.0                 | 68.8                  | 62.8                 | 79.9         | 78.4                     | 79.4              | 78.3              | 77.7              | 64.2               | 62.2              |
| Furniture and related products                                   | 337              | 1.53               | 78.6                  | 65.7        | 82.2                  | 67.6                 | 83.2                  | 68.2                 | 77.1         | 71.9                     | 71.4              | 70.7              | 68.0              | 66.9               | 65.0              |
| Miscellaneous                                                    | 339              | 3.38               | 76.6                  | 68.9        | 82.5                  | 77.3                 | 81.2                  | 70.5                 | 74.9         | 73.9                     | 73.4              | 73.6              | 75.0              | 73.5               | 73.3              |
| <b>Nondurable manufacturing</b>                                  |                  | 35.78              | 81.6                  | 75.4        | 86.7                  | 81.4                 | 85.4                  | 74.8                 | 81.0         | 80.3                     | 79.7              | 79.5              | 79.0              | 75.3               | 77.6              |
| Food                                                             | 311              | 7.92               | 82.4                  | 80.3        | 85.8                  | 83.4                 | 84.1                  | 77.3                 | 84.3         | 84.7                     | 84.6              | 84.0              | 84.1              | 83.9               | 84.5              |
| Beverage and tobacco products                                    | 312              | 2.76               | 79.0                  | 78.0        | 86.9                  | 73.9                 | 86.0                  | 64.9                 | 73.1         | 69.5                     | 68.2              | 67.8              | 67.2              | 66.5               | 66.4              |
| Textile mills                                                    | 313              | .55                | 81.9                  | 72.3        | 91.4                  | 77.8                 | 93.6                  | 66.0                 | 69.3         | 66.8                     | 65.1              | 65.6              | 68.0              | 66.0               | 65.4              |
| Textile product mills                                            | 314              | .52                | 82.0                  | 70.4        | 90.7                  | 75.4                 | 88.7                  | 73.2                 | 68.4         | 65.8                     | 65.9              | 66.0              | 65.2              | 64.5               | 64.7              |
| Apparel                                                          | 315              | .55                | 78.9                  | 76.5        | 84.6                  | 77.2                 | 88.8                  | 60.8                 | 72.7         | 70.8                     | 72.0              | 73.3              | 73.8              | 73.1               | 72.1              |
| Leather and allied products                                      | 316              | .11                | 75.3                  | 75.9        | 78.8                  | 70.2                 | 81.6                  | 53.9                 | 70.5         | 74.1                     | 76.9              | 76.4              | 77.5              | 78.9               | 77.5              |
| Paper                                                            | 322              | 2.50               | 87.6                  | 81.4        | 92.6                  | 86.1                 | 92.4                  | 78.5                 | 81.3         | 83.5                     | 82.0              | 81.3              | 82.0              | 79.2               | 78.9              |
| Printing and support                                             | 323              | 2.00               | 83.5                  | 80.4        | 91.7                  | 82.6                 | 86.5                  | 72.6                 | 76.4         | 74.3                     | 72.1              | 70.8              | 71.8              | 70.9               | 70.4              |
| Petroleum and coal products                                      | 324              | 4.21               | 85.9                  | 68.8        | 88.2                  | 82.4                 | 90.5                  | 83.8                 | 89.0         | 90.9                     | 90.2              | 90.4              | 89.0              | 81.5               | 89.6              |
| Chemical                                                         | 325              | 11.69              | 78.3                  | 67.9        | 85.0                  | 79.9                 | 81.2                  | 69.4                 | 79.0         | 77.5                     | 77.0              | 76.7              | 75.8              | 69.4               | 72.9              |
| Plastics material and resin                                      | 325211           | .86                | 87.0                  | 65.5        | 91.8                  | 79.5                 | 101.6                 | 80.6                 | 89.4         | 86.3                     | 87.1              | 84.0              | 82.2              |                    |                   |
| Synthetic rubber                                                 | 325212           | .09                | 76.3                  | 54.6        | 94.0                  | 71.9                 | 86.4                  | 54.6                 | 68.7         | 76.0                     | 77.6              | 76.4              | 75.3              | 68.7               | 71.1              |
| Artificial and synthetic fibers and filaments                    | 32522            | .11                | 81.5                  | 63.1        | 94.1                  | 75.7                 | 90.9                  | 57.3                 | 84.3         | 71.9                     | 74.4              | 72.1              | 67.1              | 70.2               |                   |
| Plastics and rubber products                                     | 326              | 2.98               | 83.6                  | 71.8        | 89.8                  | 76.4                 | 91.8                  | 74.6                 | 84.6         | 81.1                     | 81.7              | 81.8              | 80.2              | 79.1               | 77.4              |
| <b>Other manufacturing (non-NAICS)</b>                           | <b>1133,5111</b> | 3.79               | 84.5                  | 86.7        | 91.1                  | 80.4                 | 83.0                  | 80.3                 | 79.4         | 76.1                     | 76.0              | 74.9              | 74.4              | 74.1               | 73.8              |
| <b>Mining</b>                                                    | <b>21</b>        | 9.90               | 87.5                  | 79.6        | 86.3                  | 83.6                 | 88.7                  | 84.8                 | 88.7         | 90.8                     | 90.8              | 92.1              | 91.8              | 84.0               | 89.0              |
| Oil and gas extraction                                           | 211              | 6.16               | 92.1                  | 89.5        | 91.9                  | 89.6                 | 94.8                  | 89.8                 | 93.4         | 95.6                     | 95.5              | 97.0              | 96.1              | 84.1               | 91.6              |
| Mining (except oil and gas)                                      | 212              | 1.91               | 83.8                  | 67.6        | 90.3                  | 80.0                 | 86.9                  | 78.7                 | 79.0         | 78.3                     | 77.5              | 78.5              | 79.0              | 78.3               | 80.1              |
| Coal mining                                                      | 2121             | .66                | 86.0                  | 76.3        | 92.5                  | 79.5                 | 87.0                  | 78.8                 | 85.5         | 87.4                     | 80.7              | 85.9              | 88.2              | 86.8               |                   |
| Metal mining                                                     | 2122             | .58                | 78.6                  | 32.5        | 91.2                  | 80.9                 | 90.0                  | 66.3                 | 77.9         | 82.9                     | 85.7              | 84.5              | 87.1              | 85.2               | 83.7              |
| Stone and earth minerals                                         | 2123             | .67                | 82.8                  | 63.6        | 89.2                  | 75.9                 | 90.8                  | 78.9                 | 73.5         | 65.6                     | 67.4              | 66.1              | 63.0              | 63.8               | 68.6              |
| Support activities for mining                                    | 213              | 1.84               | 75.2                  | 53.3        | 63.0                  | 53.1                 | 76.6                  | 64.9                 | 83.2         | 86.7                     | 88.1              | 88.4              | 89.8              | 91.6               | 89.7              |
| <b>Utilities</b>                                                 | <b>2211,2</b>    | 9.27               | 86.8                  | 77.7        | 92.7                  | 84.1                 | 93.9                  | 84.6                 | 86.0         | 84.5                     | 85.9              | 85.2              | 81.5              | 83.3               | 83.5              |
| Electric                                                         | 2211             | 7.55               | 88.3                  | 78.5        | 94.1                  | 87.1                 | 96.6                  | 87.3                 | 88.3         | 84.6                     | 86.9              | 86.0              | 81.7              | 83.7               | 84.0              |
| Natural gas                                                      | 2212             | 1.72               | 79.9                  | 72.9        | 86.5                  | 67.4                 | 87.6                  | 70.4                 | 73.8         | 82.7                     | 80.7              | 80.9              | 79.8              | 80.9               | 80.8              |
| SPECIAL AGGREGATES                                               |                  |                    |                       |             |                       |                      |                       |                      |              |                          |                   |                   |                   |                    |                   |
| Selected high-technology industries                              |                  | 4.93               | 78.1                  | 75.1        | 81.7                  | 75.3                 | 85.6                  | 55.9                 | 80.6         | 80.5                     | 79.9              | 79.5              | 78.1              | 76.6               | 75.0              |
| Manufacturing ex. selected high-tech industries                  |                  | 75.90              | 79.8                  | 68.0        | 85.8                  | 77.2                 | 84.5                  | 72.8                 | 79.2         | 77.4                     | 77.2              | 77.1              | 76.2              | 73.3               | 73.7              |
| Manufacturing ex. selected high-tech and motor vehicles and pts. |                  | 70.08              | 80.0                  | 69.4        | 85.5                  | 79.1                 | 84.2                  | 72.6                 | 79.8         | 78.5                     | 78.1              | 77.8              | 77.5              | 74.3               | 74.9              |

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

| Item                                                             | NAICS            | Percent change        |                       |                       |                                  |      |      |      |                   | Capacity indexes       |             |       |       |       |       |       |
|------------------------------------------------------------------|------------------|-----------------------|-----------------------|-----------------------|----------------------------------|------|------|------|-------------------|------------------------|-------------|-------|-------|-------|-------|-------|
|                                                                  |                  | Annual rate           |                       |                       | Fourth quarter to fourth quarter |      |      |      |                   | Percent of 2002 output |             |       |       |       |       |       |
|                                                                  |                  | 1972-<br>2008<br>Ave. | 1972-<br>1975<br>Ave. | 1975-<br>2008<br>Ave. | 2004                             | 2005 | 2006 | 2007 | 2008 <sup>p</sup> | 2007<br>Oct.           | 2008<br>May | June  | July  | Aug.  | Sept. | Oct.  |
| <b>Total industry</b>                                            |                  | 2.6                   | 3.1                   | 2.6                   | .2                               | .8   | 1.3  | 1.8  | 1.5               | 138.3                  | 139.7       | 139.9 | 140.0 | 140.2 | 140.3 | 140.5 |
| STAGE-OF-PROCESS GROUPS                                          |                  |                       |                       |                       |                                  |      |      |      |                   |                        |             |       |       |       |       |       |
| Crude                                                            |                  | .4                    | 1.3                   | .3                    | -.7                              | -.8  | .9   | 1.4  | .5                | 118.7                  | 119.1       | 119.2 | 119.2 | 119.2 | 119.3 | 119.3 |
| Primary and semifinished                                         |                  | 2.7                   | 3.7                   | 2.6                   | .7                               | .8   | 1.2  | 2.1  | 1.9               | 134.6                  | 136.3       | 136.5 | 136.7 | 136.9 | 137.1 | 137.3 |
| Finished                                                         |                  | 3.3                   | 3.4                   | 3.3                   | .4                               | 2.3  | 1.8  | 1.7  | 1.8               | 151.3                  | 153.0       | 153.2 | 153.4 | 153.6 | 153.9 | 154.1 |
| INDUSTRY GROUPS                                                  |                  |                       |                       |                       |                                  |      |      |      |                   |                        |             |       |       |       |       |       |
| <b>Manufacturing</b>                                             |                  | 2.9                   | 3.3                   | 2.9                   | .2                               | 1.4  | 1.4  | 2.0  | 1.7               | 143.2                  | 144.8       | 145.0 | 145.2 | 145.3 | 145.5 | 145.7 |
| <b>Manufacturing (NAICS)</b>                                     | <b>31-33</b>     | 3.0                   | 3.3                   | 3.0                   | .2                               | 1.5  | 1.4  | 2.0  | 1.8               | 144.8                  | 146.5       | 146.7 | 146.9 | 147.1 | 147.3 | 147.5 |
| <b>Durable manufacturing</b>                                     |                  | 4.0                   | 3.4                   | 4.1                   | .5                               | 2.6  | 2.4  | 3.3  | 2.9               | 157.2                  | 160.1       | 160.5 | 160.9 | 161.2 | 161.6 | 161.9 |
| Wood products                                                    | 321              | 1.5                   | 2.2                   | 1.4                   | .4                               | 1.1  | 2.6  | .9   | -.6               | 135.4                  | 135.1       | 135.0 | 135.0 | 134.9 | 134.8 | 134.7 |
| Nonmetallic mineral products                                     | 327              | 1.1                   | .9                    | 1.2                   | 1.4                              | 1.5  | 2.0  | 1.8  | 1.4               | 138.5                  | 139.7       | 139.8 | 140.0 | 140.1 | 140.3 | 140.4 |
| Primary metal                                                    | 331              | -.2                   | .8                    | -.4                   | -2.0                             | 2.2  | -.6  | .4   | 1.1               | 132.7                  | 133.5       | 133.7 | 133.8 | 133.9 | 134.0 | 134.1 |
| Iron and steel products                                          | 3311,2           | -.5                   | -.1                   | -.6                   | 4.0                              | 3.4  | 3.2  | .1   | .7                | 132.2                  | 132.5       | 132.6 | 132.7 | 132.8 | 132.9 | 133.0 |
| Fabricated metal products                                        | 332              | 1.5                   | 3.3                   | 1.3                   | -.4                              | .4   | .8   | 1.6  | .7                | 139.2                  | 140.0       | 140.0 | 140.1 | 140.2 | 140.2 | 140.3 |
| Machinery                                                        | 333              | 1.7                   | 3.9                   | 1.5                   | .2                               | 1.0  | 1.3  | 2.1  | 1.6               | 149.3                  | 150.9       | 151.1 | 151.3 | 151.5 | 151.7 | 151.8 |
| Computer and electronic products                                 | 334              | 14.9                  | 12.4                  | 15.3                  | 4.1                              | 9.6  | 7.5  | 14.1 | 11.6              | 248.6                  | 267.1       | 269.5 | 271.7 | 274.0 | 276.2 | 278.4 |
| Computer and peripheral equip.                                   | 3341             | 24.3                  | 33.0                  | 23.3                  | .2                               | 35.7 | 13.2 | 15.1 | 11.7              | 249.0                  | 268.2       | 270.5 | 272.7 | 274.9 | 277.1 | 279.4 |
| Communications equipment                                         | 3342             | 10.9                  | 11.0                  | 10.8                  | -4.3                             | -3.7 | 1.6  | 9.3  | 10.5              | 231.6                  | 245.8       | 247.8 | 249.9 | 252.0 | 254.0 | 256.1 |
| Semiconductor and related electronic components                  | 334412-9         | 22.7                  | 17.5                  | 23.3                  | 15.7                             | 14.0 | 14.2 | 32.0 | 24.1              | 374.2                  | 431.9       | 439.2 | 446.4 | 453.5 | 460.6 | 467.8 |
| Electrical equipment, appliances, and components                 | 335              | 1.3                   | 3.8                   | 1.0                   | -2.6                             | -2.3 | .9   | 2.1  | 2.3               | 125.8                  | 127.5       | 127.7 | 127.9 | 128.2 | 128.4 | 128.7 |
| Transportation equipment                                         | 336              | 1.9                   | 1.7                   | 2.0                   | .1                               | .6   | 1.3  | -1.2 | .8                | 141.1                  | 141.4       | 141.5 | 141.7 | 141.8 | 142.0 | 142.1 |
| Motor vehicles and parts                                         | 3361-3           | 2.6                   | 3.1                   | 2.5                   | -.2                              | .8   | 1.9  | -2.3 | .1                | 132.2                  | 131.7       | 131.8 | 131.9 | 131.9 | 132.0 | 132.1 |
| Autos and light trucks                                           | 33611            | 2.9                   | 3.7                   | 2.8                   | .4                               | 2.5  | 5.2  | -5.1 | .4                | 137.3                  | 136.3       | 136.4 | 136.6 | 136.8 | 137.1 | 137.3 |
| Aerospace and miscellaneous transportation equipment             | 3364-9           | .9                    | -.1                   | 1.1                   | -1.0                             | .3   | .4   | .5   | 1.7               | 156.9                  | 158.2       | 158.5 | 158.7 | 159.0 | 159.2 | 159.5 |
| Furniture and related products                                   | 337              | 2.2                   | 3.9                   | 2.0                   | -2.2                             | -.9  | .2   | -.6  | -.7               | 132.0                  | 131.3       | 131.3 | 131.2 | 131.1 | 131.0 | 131.0 |
| Miscellaneous                                                    | 339              | 3.1                   | 3.6                   | 3.0                   | 2.4                              | 4.0  | 3.2  | 3.9  | 2.0               | 155.5                  | 157.9       | 158.1 | 158.3 | 158.5 | 158.7 | 158.9 |
| <b>Nondurable manufacturing</b>                                  |                  | 1.7                   | 3.0                   | 1.6                   | -.1                              | .5   | .3   | .7   | .6                | 131.7                  | 132.2       | 132.3 | 132.4 | 132.4 | 132.5 | 132.5 |
| Food                                                             | 311              | 2.0                   | 2.8                   | 1.8                   | .5                               | .9   | 1.2  | 1.4  | 1.2               | 131.9                  | 132.8       | 133.0 | 133.1 | 133.2 | 133.3 | 133.4 |
| Beverage and tobacco products                                    | 312              | .6                    | 1.1                   | .5                    | .8                               | 1.7  | .2   | .5   | .4                | 148.4                  | 148.8       | 148.8 | 148.9 | 148.9 | 149.0 | 149.0 |
| Textile mills                                                    | 313              | -.4                   | 2.6                   | -.8                   | -6.4                             | -5.8 | -5.7 | -6.0 | -5.8              | 100.1                  | 96.7        | 96.2  | 95.7  | 95.2  | 94.7  | 94.3  |
| Textile product mills                                            | 314              | 1.6                   | 2.4                   | 1.5                   | -.7                              | -.2  | .3   | -.1  | -.1               | 130.3                  | 130.2       | 130.2 | 130.2 | 130.2 | 130.2 | 130.2 |
| Apparel                                                          | 315              | -2.0                  | 1.3                   | -2.4                  | -12.3                            | -3.7 | -4.2 | -3.7 | -3.4              | 101.4                  | 99.4        | 99.1  | 98.8  | 98.5  | 98.2  | 97.9  |
| Leather and allied products                                      | 316              | -3.2                  | -1.8                  | -3.3                  | -4.7                             | -2.6 | -2.7 | -2.1 | -2.5              | 143.7                  | 141.7       | 141.4 | 141.1 | 140.8 | 140.5 | 140.1 |
| Paper                                                            | 322              | 1.3                   | 3.1                   | 1.1                   | -.5                              | -1.0 | -.1  | -.2  | -.5               | 115.8                  | 115.4       | 115.4 | 115.3 | 115.3 | 115.3 | 115.2 |
| Printing and support                                             | 323              | 2.4                   | 3.4                   | 2.3                   | -2.8                             | -1.0 | .9   | 1.4  | 1.3               | 129.5                  | 130.5       | 130.7 | 130.8 | 131.0 | 131.1 | 131.2 |
| Petroleum and coal products                                      | 324              | 1.2                   | 5.7                   | .7                    | 6.4                              | 1.5  | .3   | -.3  | -.2               | 122.2                  | 122.0       | 122.0 | 122.0 | 122.0 | 121.9 | 121.9 |
| Chemical                                                         | 325              | 2.5                   | 3.8                   | 2.4                   | 1.8                              | 2.2  | .3   | 1.6  | 1.3               | 145.0                  | 146.2       | 146.4 | 146.5 | 146.7 | 146.8 | 147.0 |
| Plastics material and resin                                      | 325211           | 3.1                   | 5.6                   | 2.8                   | 10.6                             | 6.9  | -2.5 | .9   | .2                | 125.5                  | 126.1       | 126.1 | 126.0 | 126.0 | 126.0 | 125.9 |
| Synthetic rubber                                                 | 325212           | 1.5                   | 3.1                   | 1.4                   | -1.2                             | -2.9 | .0   | .6   | .6                | 147.4                  | 147.9       | 147.9 | 148.0 | 148.1 | 148.2 | 148.3 |
| Artificial and synthetic fibers and filaments                    | 32522            | .2                    | 14.2                  | -1.3                  | -14.6                            | -4.5 | -.2  | -6.4 | -.9               | 103.8                  | 102.3       | 102.3 | 102.3 | 102.4 | 102.4 | 102.5 |
| Plastics and rubber products                                     | 326              | 3.3                   | 5.4                   | 3.1                   | -2.9                             | .1   | .7   | 1.5  | 1.9               | 123.7                  | 125.1       | 125.3 | 125.5 | 125.7 | 125.9 | 126.1 |
| <b>Other manufacturing (non-NAICS)</b>                           | <b>1133,5111</b> | 1.1                   | 3.1                   | .8                    | -.6                              | -.2  | 1.1  | .6   | .3                | 116.1                  | 116.4       | 116.4 | 116.4 | 116.5 | 116.5 | 116.5 |
| <b>Mining</b>                                                    | <b>21</b>        | -.1                   | -.4                   | .0                    | -1.3                             | -1.1 | 1.4  | 1.7  | .7                | 114.1                  | 114.7       | 114.7 | 114.8 | 114.9 | 114.9 | 115.0 |
| Oil and gas extraction                                           | 211              | -.9                   | -2.6                  | -.7                   | -2.5                             | -2.4 | -.4  | .6   | .8                | 102.2                  | 102.7       | 102.8 | 102.8 | 102.9 | 103.0 | 103.0 |
| Mining (except oil and gas)                                      | 212              | 1.5                   | 1.7                   | 1.4                   | 1.4                              | 2.1  | 1.0  | -.1  | .7                | 128.2                  | 128.7       | 128.8 | 128.9 | 129.0 | 129.1 | 129.1 |
| Coal mining                                                      | 2121             | 1.5                   | 2.5                   | 1.4                   | -.7                              | 4.1  | 1.2  | .6   | .6                | 122.1                  | 122.6       | 122.6 | 122.7 | 122.7 | 122.8 | 122.8 |
| Metal mining                                                     | 2122             | 1.5                   | 1.6                   | 1.5                   | -.2                              | -.5  | 2.0  | -.2  | 3.9               | 137.4                  | 140.2       | 140.7 | 141.2 | 141.7 | 142.2 | 142.7 |
| Stone and earth minerals                                         | 2123             | .8                    | .4                    | .8                    | 2.1                              | .6   | -.3  | -1.1 | -2.2              | 125.3                  | 123.8       | 123.6 | 123.3 | 123.1 | 122.8 | 122.6 |
| Support activities for mining                                    | 213              | 1.0                   | 6.0                   | .4                    | .0                               | 2.7  | 7.6  | 8.2  | 2.1               | 172.8                  | 176.2       | 176.3 | 176.5 | 176.6 | 176.8 | 176.9 |
| <b>Utilities</b>                                                 | <b>2211,2</b>    | 2.5                   | 6.1                   | 2.1                   | 2.9                              | .7   | .8   | 1.2  | 2.2               | 126.1                  | 127.8       | 128.1 | 128.3 | 128.5 | 128.7 | 128.9 |
| Electric                                                         | 2211             | 3.2                   | 8.3                   | 2.6                   | 3.4                              | .6   | .8   | 2.4  | 2.4               | 127.2                  | 129.0       | 129.2 | 129.5 | 129.7 | 130.0 | 130.2 |
| Natural gas                                                      | 2212             | .1                    | -1.0                  | .2                    | .1                               | -.2  | -.4  | -.3  | .3                | 123.1                  | 123.2       | 123.3 | 123.3 | 123.3 | 123.4 | 123.4 |
| SPECIAL AGGREGATES                                               |                  |                       |                       |                       |                                  |      |      |      |                   |                        |             |       |       |       |       |       |
| Selected high-technology industries                              |                  | 20.3                  | 19.2                  | 20.4                  | 5.5                              | 13.1 | 10.3 | 21.4 | 17.6              | 301.6                  | 335.1       | 339.4 | 343.6 | 347.8 | 352.0 | 356.2 |
| Manufacturing ex. selected high-tech industries                  |                  | 1.7                   | 2.7                   | 1.6                   | -.2                              | .7   | .8   | .8   | .8                | 135.8                  | 136.5       | 136.6 | 136.7 | 136.7 | 136.8 | 136.9 |
| Manufacturing ex. selected high-tech and motor vehicles and pts. |                  | 1.6                   | 2.7                   | 1.5                   | -.2                              | .7   | .7   | 1.0  | .9                | 136.1                  | 136.9       | 137.0 | 137.0 | 137.1 | 137.2 | 137.3 |