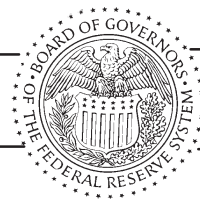


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# FEDERAL RESERVE statistical release

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

**For release at 9:15 a.m. (EDT)  
June 16, 2004**

## **INDUSTRIAL PRODUCTION AND CAPACITY UTILIZATION**

The attached tables contain detail on industrial production, capacity, utilization, and electric power use 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
4. Electric Power Use: Manufacturing and Mining

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

| Item  | NAICS       | 2003<br>IP<br>Proportion | Index, 1997 = 100   |              |                   |                   |                   |                  |                         |              |                   |                   |                   |                  |
|---|-------------|--------------------------|---------------------|--------------|-------------------|-------------------|-------------------|------------------|-------------------------|--------------|-------------------|-------------------|-------------------|------------------|
|   |             |                          | Seasonally adjusted |              |                   |                   |                   |                  | Not seasonally adjusted |              |                   |                   |                   |                  |
|   |             |                          | 2003<br>Dec.        | 2004<br>Jan. | Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>r</sup> | May <sup>p</sup> | 2003<br>Dec.            | 2004<br>Jan. | Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>r</sup> | May <sup>p</sup> |
| <b>Oil and gas extraction</b>                                   | <b>211</b>  | 5.55                     | 96.2                | 96.7         | 96.4              | 96.3              | 96.8              | 96.3             | 96.4                    | 96.8         | 96.4              | 97.0              | 96.8              | 96.7             |
| Crude petroleum and natural gas extraction                      | 211111      | 5.20                     | 96.0                | 96.2         | 96.3              | 96.0              | 96.5              | 95.9             | 96.4                    | 96.7         | 96.4              | 96.9              | 96.5              | 96.2             |
| Crude oil   | 211111pt.   | 2.29                     | 87.6                | 87.5         | 86.4              | 86.9              | 87.5              | 86.7             | 87.8                    | 88.0         | 87.1              | 87.7              | 87.6              | 87.0             |
| Natural gas   | 211111pt.   | 2.91                     | 103.8               | 104.3        | 105.4             | 104.5             | 104.9             | 104.5            | 104.4                   | 104.8        | 105.1             | 105.4             | 104.7             | 104.8            |
| Natural gas liquid extraction                                   | 211112      | .36                      | 97.9                | 103.2        | 97.6              | 99.5              | 100.5             | 101.5            | 92.9                    | 97.4         | 96.4              | 98.8              | 101.1             | 103.9            |
| <b>Mining (except oil and gas)</b>                              | <b>212</b>  | 1.49                     | 97.5                | 95.9         | 95.5              | 94.5              | 97.2              | 96.9             | 90.5                    | 83.6         | 84.4              | 88.1              | 96.2              | 101.8            |
| Coal mining   | 2121        | .63                      | 100.8               | 96.7         | 95.6              | 91.0              | 97.4              | 95.7             | 96.2                    | 94.7         | 97.5              | 94.4              | 96.7              | 93.7             |
| Metal ore mining  | 2122        | .22                      | 66.4                | 72.3         | 73.1              | 72.3              | 72.6              | 73.4             | 70.1                    | 69.6         | 72.2              | 71.6              | 70.7              | 72.4             |
| Iron ore mining   | 21221       | .03                      | 68.3                | 79.9         | 89.9              | 83.3              |                   |                  | 68.9                    | 73.0         | 85.5              | 76.3              |                   |                  |
| Gold ore and silver ore mining                                  | 21222       | .10                      | 68.8                | 76.4         | 76.6              | 76.2              | 76.9              | 77.4             | 75.5                    | 73.1         | 75.2              | 74.2              | 74.1              | 73.9             |
| Copper, nickel, lead, and zinc mining                           | 21223       | .07                      | 64.4                | 64.2         | 64.7              | 65.0              | 64.7              | 65.5             | 65.2                    | 63.2         | 65.9              | 67.8              | 64.0              | 66.2             |
| Nonmetallic mineral mining and quarrying                        | 2123        | .64                      | 109.2               | 106.5        | 106.4             | 109.3             | 109.1             | 109.7            | 94.0                    | 78.0         | 75.6              | 88.8              | 107.6             | 124.4            |
| <b>Support activities for mining</b>                            | <b>213</b>  | .57                      | 75.8                | 75.9         | 74.4              | 74.9              | 74.7              | 75.0             | 74.8                    | 74.8         | 74.3              | 74.6              | 74.5              | 75.8             |
| Drilling oil and gas wells                                      | 213111      | .25                      | 94.6                | 89.7         | 90.8              | 88.9              | 89.8              | 88.8             | 94.1                    | 91.3         | 90.1              | 87.5              | 87.4              | 89.4             |
| <b>Electric power generation, transmission and distribution</b> | <b>2211</b> | 8.33                     | 116.9               | 120.5        | 119.7             | 117.7             | 119.1             | 123.9            | 115.3                   | 127.5        | 115.4             | 110.6             | 106.2             | 115.7            |
| Electric power generation                                       | 22111       | 3.47                     | 116.0               | 119.8        | 119.4             | 117.5             | 118.9             | 123.7            | 116.0                   | 123.7        | 118.2             | 110.9             | 108.3             | 118.4            |
| Hydroelectric power generation                                  | 221111      | .26                      | 79.3                | 82.8         | 82.5              |                   |                   |                  | 77.4                    | 82.3         | 83.2              |                   |                   |                  |
| Fossil fuel and other electric power generation                 | 221112,9    | 1.76                     | 117.5               | 121.8        | 121.4             |                   |                   |                  | 113.0                   | 123.1        | 115.2             |                   |                   |                  |
| Nuclear electric power generation                               | 221113      | 1.45                     | 121.9               | 125.1        | 124.6             |                   |                   |                  | 128.5                   | 133.6        | 129.5             |                   |                   |                  |
| Electric power transmission, control, and distribution          | 22112       | 4.86                     | 117.5               | 121.0        | 119.8             | 117.8             | 119.2             | 123.9            | 114.7                   | 130.3        | 113.3             | 110.3             | 104.6             | 113.8            |
| Commercial and other electricity sales                          | 22112pt.    | 1.77                     | 123.8               | 126.5        | 125.9             |                   |                   |                  | 117.2                   | 124.7        | 114.3             |                   |                   |                  |
| Industrial electricity sales                                    | 22112pt.    | .89                      | 96.6                | 96.9         | 96.8              |                   |                   |                  | 93.7                    | 94.0         | 92.1              |                   |                   |                  |
| Residential electricity sales                                   | 22112pt.    | 2.20                     | 122.8               | 128.5        | 126.5             |                   |                   |                  | 123.0                   | 152.8        | 123.1             |                   |                   |                  |
| <b>Natural gas distribution</b>                                 | <b>2212</b> | 1.77                     | 100.0               | 105.9        | 107.7             | 100.5             | 103.7             | 103.7            | 153.2                   | 202.2        | 177.9             | 146.6             | 105.1             | 72.3             |
| Commercial and other gas sales                                  | 2212pt.     | .32                      | 101.5               | 106.0        | 107.3             | 100.4             | 102.0             | 102.0            | 150.3                   | 191.8        | 170.7             | 142.2             | 104.3             | 71.6             |
| Industrial gas sales  | 2212pt.     | .15                      | 105.5               | 105.5        | 106.0             | 104.5             | 105.8             | 106.0            | 103.7                   | 104.8        | 97.1              | 103.2             | 99.6              | 100.5            |
| Residential gas sales   | 2212pt.     | 1.00                     | 97.8                | 106.4        | 108.4             | 100.0             |                   |                  | 168.3                   | 235.0        | 204.6             | 160.5             |                   |                  |
| Gas transmission  | 2212pt.     | .30                      | 104.4               | 105.7        | 108.0             | 102.0             | 105.0             | 105.0            | 125.5                   | 145.5        | 130.6             | 122.0             | 102.0             | 88.1             |
| <b>Food</b>   | <b>311</b>  | 8.70                     | 106.8               | 106.7        | 107.3             | 107.8             | 107.6             | 109.5            | 106.2                   | 103.2        | 104.5             | 104.8             | 105.0             | 107.4            |
| Animal food   | 3111        | .47                      | 118.6               | 121.5        | 121.0             | 121.3             | 122.1             | 124.9            | 120.2                   | 123.1        | 119.7             | 116.8             | 119.0             | 123.0            |
| Grain and oilseed milling                                       | 3112        | .82                      | 95.6                | 95.8         | 95.7              | 92.8              | 90.3              | 91.8             | 98.3                    | 94.5         | 94.8              | 93.2              | 88.7              | 89.1             |
| Sugar and confectionery product                                 | 3113        | .61                      | 102.7               | 104.4        | 108.8             | 102.6             | 105.3             | 109.0            | 116.0                   | 103.9        | 107.8             | 97.8              | 93.6              | 98.7             |
| Fruit and vegetable preserving and specialty food               | 3114        | 1.18                     | 107.2               | 108.6        | 107.6             | 108.8             | 107.9             |                  | 100.1                   | 97.6         | 101.7             | 100.3             | 103.9             |                  |
| Dairy product   | 3115        | .91                      | 103.1               | 101.8        | 99.9              | 99.8              | 100.3             | 101.9            | 98.1                    | 98.1         | 102.2             | 104.6             | 108.4             | 109.4            |
| Dairy product (except frozen)                                   | 31151       | .76                      | 104.2               | 102.1        | 100.3             | 99.5              | 100.7             | 102.2            | 103.0                   | 101.7        | 103.1             | 104.1             | 107.7             | 108.8            |
| Fluid milk  | 311511      | .37                      | 98.1                | 97.4         | 96.0              | 96.3              | 96.6              |                  | 96.0                    | 97.5         | 98.2              | 99.6              | 100.9             |                  |
| Creamery butter   | 311512      | .01                      | 88.4                | 95.7         | 84.6              | 73.7              | 76.8              |                  | 98.4                    | 115.5        | 103.0             | 82.8              | 86.4              |                  |
| Cheese  | 311513      | .21                      | 105.6               | 104.1        | 104.5             | 106.4             | 106.0             |                  | 106.0                   | 103.4        | 105.6             | 109.3             | 110.0             |                  |
| Dry, condensed, and evaporated dairy product                    | 311514      | .18                      | 116.3               | 109.3        | 104.0             | 97.9              |                   |                  | 114.8                   | 107.6        | 110.5             | 108.0             |                   |                  |
| Ice cream and frozen dessert                                    | 31152       | .15                      | 96.2                | 98.9         | 96.7              | 99.5              | 97.0              |                  | 72.2                    | 79.1         | 95.9              | 105.4             | 110.0             |                  |
| Animal slaughtering and processing                              | 3116        | 1.86                     | 112.7               | 111.7        | 112.3             | 114.1             | 114.2             | 115.9            | 108.8                   | 110.5        | 110.2             | 113.0             | 112.0             | 114.6            |
| Animal (except poultry) slaughtering and meat                   | 311611-3    | 1.08                     | 108.7               | 104.5        | 109.2             | 111.1             | 110.4             | 112.1            | 106.6                   | 104.4        | 106.8             | 109.1             | 106.9             | 109.0            |
| Beef  | 311611-3pt. | .65                      | 99.6                | 94.6         | 101.6             | 104.4             | 102.8             |                  | 93.4                    | 93.0         | 97.1              | 99.9              | 96.8              |                  |
| Pork  | 311611-3pt. | .41                      | 126.0               | 123.3        | 124.0             | 124.8             | 125.9             |                  | 130.2                   | 125.2        | 124.7             | 125.9             | 125.7             |                  |
| Miscellaneous meats   | 311611-3pt. | .02                      | 70.5                | 69.2         | 68.3              | 67.1              | 64.4              |                  | 75.4                    | 66.9         | 68.7              | 73.9              | 66.8              |                  |
| Poultry processing  | 311615      | .78                      | 118.5               | 122.2        | 116.7             | 118.4             | 119.6             |                  | 111.9                   | 119.4        | 115.1             | 118.6             | 119.5             |                  |
| Bakeries and tortilla   | 3118        | 1.34                     | 99.9                | 99.6         | 98.3              | 101.2             | 102.0             | 103.6            | 102.9                   | 96.2         | 95.0              | 98.5              | 100.0             | 102.6            |
| Other food  | 3119        | 1.37                     | 113.9               | 112.3        | 117.5             | 118.7             | 117.4             | 118.6            | 114.2                   | 108.3        | 109.8             | 110.1             | 110.9             | 114.3            |
| Coffee and tea  | 31192       | .10                      | 77.6                | 78.5         | 78.5              |                   |                   |                  | 90.4                    | 85.7         | 88.0              |                   |                   |                  |
| <b>Beverage and tobacco product</b>                             | <b>312</b>  | 2.90                     | 75.4                | 75.5         | 75.5              | 76.5              | 77.2              | 77.2             | 66.2                    | 72.9         | 74.8              | 76.0              | 75.8              | 76.1             |
| Beverage  | 3121        | 1.40                     | 99.7                | 102.1        | 101.9             | 102.2             | 102.3             | 102.8            | 93.4                    | 94.5         | 96.4              | 97.8              | 102.6             | 103.6            |
| Soft drink and ice  | 31211       | .67                      | 111.5               | 113.0        | 112.7             | 110.9             | 109.2             |                  | 104.9                   | 103.6        | 98.6              | 99.8              | 102.3             |                  |
| Breweries   | 31212       | .46                      | 84.1                | 87.8         | 87.3              | 90.7              | 92.0              |                  | 71.2                    | 83.7         | 86.8              | 91.3              | 97.9              |                  |
| Tobacco   | 3122        | 1.50                     | 59.4                | 58.1         | 58.2              | 59.7              | 60.7              | 60.4             | 48.5                    | 58.6         | 60.5              | 61.5              | 58.4              | 58.2             |
| <b>Textile mills</b>  | <b>313</b>  | .66                      | 67.2                | 66.9         | 64.6              | 64.3              | 63.3              | 63.8             | 64.0                    | 65.2         | 65.0              | 66.0              | 65.5              | 66.3             |
| Fiber, yarn, and thread mills                                   | 3131        | .11                      | 80.7                | 80.0         | 71.7              | 71.5              |                   |                  | 65.7                    | 76.7         | 73.8              | 74.5              |                   |                  |
| Fabric mills  | 3132        | .34                      | 63.9                | 63.8         | 61.9              | 61.9              | 61.3              | 61.4             | 61.7                    | 62.3         | 62.3              | 63.4              | 63.2              | 63.5             |
| Textile and fabric finishing and fabric coating                 | 3133        | .21                      | 66.0                | 65.9         | 65.5              | 64.7              | 63.1              | 64.0             | 66.9                    | 64.4         | 64.9              | 65.9              | 64.5              | 64.2             |
| <b>Textile product mills</b>                                    | <b>314</b>  | .51                      | 93.6                | 98.1         | 94.7              | 91.1              | 93.9              | 95.4             | 86.9                    | 95.2         | 93.4              | 92.1              | 99.1              | 93.5             |
| Textile furnishings mills                                       | 3141        | .32                      | 99.8                | 107.1        | 102.0             | 94.2              | 98.1              | 100.4            | 88.4                    | 104.0        | 101.1             | 96.4              | 106.8             | 96.4             |
| Carpet and rug mills  | 31411       | .16                      | 107.2               | 119.4        | 107.5             | 93.2              | 98.3              |                  | 79.8                    | 115.3        | 108.1             | 96.6              | 117.4             |                  |
| Other textile product mills                                     | 3149        | .19                      | 84.2                | 84.6         | 83.8              | 86.3              | 87.4              | 87.8             | 84.5                    | 82.1         | 81.8              | 85.6              | 87.5              | 89.1             |

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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      | 2003<br>IP<br>Proportion <sup>1</sup> | Index, 1997 = 100   |              |                   |                   |                   |                  |                         |              |                   |                   |                   |                  |
|--|------------|---------------------------------------|---------------------|--------------|-------------------|-------------------|-------------------|------------------|-------------------------|--------------|-------------------|-------------------|-------------------|------------------|
|  |            |                                       | Seasonally adjusted |              |                   |                   |                   |                  | Not seasonally adjusted |              |                   |                   |                   |                  |
|  |            |                                       | 2003<br>Dec.        | 2004<br>Jan. | Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>r</sup> | May <sup>p</sup> | 2003<br>Dec.            | 2004<br>Jan. | Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>r</sup> | May <sup>p</sup> |
| <b>Apparel</b>                                   | <b>315</b> | .79                                   | 60.3                | 60.5         | 61.3              | 61.9              | 63.2              | 62.4             | 60.5                    | 59.1         | 60.3              | 61.5              | 62.3              | 63.4             |
| <b>Leather and allied product</b>                | <b>316</b> | .15                                   | 70.0                | 68.7         | 69.0              | 69.3              | 69.9              | 69.0             | 69.6                    | 67.2         | 68.4              | 69.5              | 70.0              | 70.1             |
| <b>Wood product</b>                              | <b>321</b> | 1.46                                  | 102.0               | 103.2        | 103.3             | 102.4             | 103.6             | 105.8            | 94.7                    | 97.9         | 101.5             | 102.9             | 104.8             | 106.4            |
| Sawmills and wood preservation                   | 3211       | .32                                   | 102.1               | 105.9        | 105.7             |                   |                   |                  | 88.8                    | 101.8        | 108.1             |                   |                   |                  |
| Plywood and misc. wood products                  | 3212,9     | 1.14                                  | 102.2               | 102.6        | 102.9             | 102.1             | 103.2             | 104.8            | 96.5                    | 96.9         | 99.9              | 101.7             | 103.6             | 105.6            |
| Veneer, plywood, and engineered wood product     | 3212       | .40                                   | 123.5               | 121.7        | 120.7             | 120.8             | 120.3             | 123.2            | 110.4                   | 114.5        | 119.1             | 121.4             | 124.8             | 123.9            |
| Veneer and plywood                               | 321211,2   | .12                                   | 98.9                | 95.5         | 94.8              | 96.5              | 92.6              | 91.0             | 83.2                    | 89.4         | 96.6              | 98.3              | 95.6              | 95.1             |
| Reconstituted wood product                       | 321219     | .14                                   | 127.0               | 127.1        | 123.4             | 120.8             | 124.4             | 127.6            | 110.0                   | 123.1        | 127.6             | 128.6             | 135.4             | 123.1            |
| Other wood product                               | 3219       | .74                                   | 93.5                | 94.8         | 95.7              | 94.5              | 96.4              | 97.4             | 90.9                    | 89.8         | 92.0              | 93.7              | 94.9              | 98.2             |
| Millwork   | 32191      | .38                                   | 113.9               | 116.2        | 117.9             | 115.8             | 118.2             | 120.3            | 114.9                   | 111.9        | 112.8             | 113.9             | 113.9             | 120.2            |
| Wood container and pallet                        | 32192      | .09                                   | 106.0               | 108.1        | 109.6             | 111.8             | 110.7             |                  | 102.8                   | 105.6        | 110.7             | 112.4             | 113.1             |                  |
| All other wood product                           | 32199      | .26                                   | 70.5                | 70.9         | 70.8              | 69.7              | 71.7              | 71.6             | 65.0                    | 64.6         | 67.3              | 69.4              | 71.9              | 73.0             |
| Manufactured home                                | 321991     | .09                                   | 45.3                | 45.1         | 45.8              | 46.3              | 48.1              |                  | 35.0                    | 37.6         | 42.1              | 46.7              | 48.9              |                  |
| <b>Paper</b>                                     | <b>322</b> | 2.97                                  | 92.7                | 92.3         | 92.9              | 92.1              | 93.6              | 94.5             | 88.6                    | 91.7         | 93.6              | 92.2              | 94.8              | 92.5             |
| Pulp, paper, and paperboard mills                | 3221       | 1.52                                  | 92.3                | 92.3         | 92.1              | 92.4              | 92.9              | 94.1             | 88.6                    | 91.8         | 93.2              | 92.0              | 93.6              | 93.0             |
| Pulp mills                                       | 32211      | .06                                   | 105.6               | 104.8        | 103.8             | 105.9             | 106.1             |                  | 103.2                   | 104.2        | 104.1             | 104.1             | 106.1             |                  |
| Paper mills                                      | 32212      | 1.01                                  | 88.8                | 89.4         | 89.5              | 89.5              | 90.6              | 92.0             | 86.6                    | 89.5         | 91.4              | 89.0              | 91.1              | 90.1             |
| Paper (except newsprint) mills                   | 322121     | .93                                   | 91.3                | 91.7         | 92.0              | 91.6              | 93.0              |                  | 88.8                    | 91.5         | 94.0              | 91.3              | 93.4              |                  |
| Paperboard mills                                 | 32213      | .45                                   | 98.4                | 97.1         | 96.2              | 97.1              | 96.2              |                  | 91.0                    | 95.4         | 95.8              | 97.2              | 97.5              |                  |
| Converted paper product                          | 3222       | 1.46                                  | 93.0                | 92.3         | 93.7              | 91.9              | 94.4              | 94.9             | 88.7                    | 91.5         | 94.1              | 92.4              | 96.1              | 92.1             |
| Paperboard container                             | 32221      | .71                                   | 93.2                | 93.4         | 94.8              | 91.8              | 95.3              |                  | 86.0                    | 90.5         | 94.3              | 92.8              | 98.9              |                  |
| Paper bag and coated and treated paper           | 32222      | .34                                   | 88.1                | 84.7         | 85.5              | 84.3              | 87.6              | 87.1             | 86.5                    | 86.8         | 86.0              | 84.0              | 87.3              | 84.8             |
| Other converted paper products                   | 32223,9    | .41                                   | 97.4                | 97.4         | 99.5              | 99.1              | 99.2              | 100.4            | 95.3                    | 97.6         | 101.1             | 99.5              | 99.0              | 98.4             |
| <b>Printing and related support activities</b>   | <b>323</b> | 2.35                                  | 87.6                | 88.5         | 87.9              | 89.1              | 88.6              | 89.9             | 82.8                    | 83.1         | 80.9              | 81.7              | 83.9              | 86.7             |
| <b>Petroleum and coal products</b>               | <b>324</b> | 2.46                                  | 104.2               | 102.0        | 102.4             | 104.8             | 104.5             | 104.7            | 103.9                   | 97.3         | 97.1              | 100.4             | 105.9             | 108.1            |
| Petroleum refineries                             | 32411      | 2.14                                  | 107.1               | 104.7        | 104.7             | 107.1             | 107.1             | 106.9            | 106.6                   | 99.1         | 99.2              | 102.7             | 108.9             | 111.0            |
| Aviation fuel and kerosene                       | 32411pt.   | .21                                   | 99.9                | 96.3         | 100.2             | 99.5              |                   |                  | 103.7                   | 96.9         | 95.5              | 97.0              |                   |                  |
| Distillate fuel oil                              | 32411pt.   | .42                                   | 110.3               | 111.0        | 105.3             | 110.8             |                   |                  | 113.1                   | 105.8        | 102.0             | 104.6             |                   |                  |
| Automotive gasoline                              | 32411pt.   | 1.08                                  | 108.6               | 106.9        | 106.4             | 109.5             |                   |                  | 110.2                   | 102.3        | 101.5             | 104.4             |                   |                  |
| Residual fuel oil                                | 32411pt.   | .05                                   | 94.8                | 90.9         | 93.0              | 90.2              |                   |                  | 96.6                    | 92.7         | 92.7              | 89.2              |                   |                  |
| Other refinery output                            | 32411pt.   | .39                                   | 104.8               | 98.7         | 102.5             | 102.7             | 102.6             | 103.4            | 93.0                    | 85.3         | 92.8              | 100.4             | 108.9             | 112.9            |
| Paving, roofing, and other petroleum and coal    | 32412,9    | .32                                   | 91.7                | 90.3         | 93.1              | 95.7              | 93.4              |                  | 92.0                    | 90.9         | 88.2              | 90.8              | 92.6              |                  |
| <b>Chemical</b>                                  | <b>325</b> | 10.02                                 | 107.8               | 107.3        | 108.2             | 108.9             | 109.7             | 110.4            | 106.4                   | 107.2        | 108.2             | 109.2             | 108.9             | 110.4            |
| Basic chemical                                   | 3251       | 1.63                                  | 93.2                | 95.0         | 94.3              | 94.3              | 95.7              | 96.5             | 95.3                    | 95.9         | 94.9              | 95.3              | 96.5              | 95.7             |
| Organic chemicals                                | 32511,9    | .94                                   | 94.8                | 96.9         | 96.4              | 96.7              | 97.1              | 97.1             | 95.0                    | 96.0         | 95.0              | 95.7              | 97.1              | 97.7             |
| Basic inorganic chemicals                        | 32512-8    | .69                                   | 91.0                | 92.5         | 91.4              | 91.0              | 93.7              | 95.7             | 95.8                    | 95.9         | 94.7              | 94.8              | 95.7              | 93.2             |
| Industrial gas                                   | 32512      | .13                                   | 88.4                | 88.2         | 88.0              | 87.7              | 88.1              | 87.3             | 88.1                    | 87.3         | 87.0              | 87.6              | 89.2              | 89.2             |
| Synthetic dye and pigment                        | 32513      | .10                                   | 103.9               | 102.5        | 101.6             |                   |                   |                  | 99.7                    | 100.8        | 102.1             |                   |                   |                  |
| Other basic inorganic chemical                   | 32518      | .45                                   | 88.1                | 90.7         | 89.4              | 89.0              | 92.9              | 96.3             | 96.5                    | 96.6         | 94.6              | 94.2              | 95.7              | 91.8             |
| Alkalies and chlorine                            | 325181     | .05                                   | 109.3               | 105.9        | 105.3             | 110.9             | 109.6             |                  | 107.6                   | 106.9        | 107.4             | 110.6             | 111.4             |                  |
| All other basic inorganic chemical               | 325188     | .38                                   | 86.0                | 89.6         | 88.2              | 86.8              | 91.7              | 95.7             | 96.0                    | 96.4         | 94.0              | 93.1              | 94.8              | 90.4             |
| Acids, phosphates and sulfates                   | 325188pt.  | .04                                   | 89.6                | 90.3         | 91.5              | 92.0              | 91.9              | 91.1             | 90.2                    | 89.9         | 90.7              | 91.1              | 91.2              | 90.7             |
| Misc. inorganic chemicals                        | 325188pt.  | .22                                   | 107.3               | 108.4        | 108.7             | 109.0             | 109.1             | 109.2            | 108.8                   | 109.1        | 108.3             | 107.7             | 106.9             | 106.2            |
| Resin, synthetic rubber, and synthetic fibers    | 3252       | .96                                   | 99.7                | 97.7         | 95.6              | 96.0              | 98.8              | 98.8             | 90.8                    | 96.4         | 100.1             | 99.4              | 101.3             | 100.5            |
| Resin and synthetic rubber                       | 32521      | .78                                   | 108.0               | 106.1        | 104.2             | 104.2             | 108.3             | 108.1            | 99.1                    | 105.3        | 108.7             | 107.5             | 111.0             | 109.6            |
| Plastics material and resin                      | 325211     | .66                                   | 110.5               | 107.9        | 106.1             | 105.8             | 110.5             |                  | 100.4                   | 106.3        | 109.8             | 108.9             | 113.1             |                  |
| Synthetic rubber                                 | 325212     | .11                                   | 93.5                | 95.4         | 92.8              |                   |                   |                  | 90.0                    | 97.7         | 100.8             |                   |                   |                  |
| Artificial and synthetic fibers and filaments    | 32522      | .18                                   | 75.0                | 72.6         | 69.8              | 71.7              |                   |                  | 66.1                    | 69.9         | 74.1              | 74.8              |                   |                  |
| Pesticide, fertilizer, and other agricultural    | 3253       | .36                                   | 82.5                | 82.6         | 84.2              | 85.6              | 85.5              | 85.6             | 84.6                    | 84.7         | 83.4              | 83.8              | 85.0              | 85.0             |
| Pharmaceutical and medicine                      | 3254       | 4.33                                  | 130.5               | 128.7        | 131.4             | 133.4             | 133.8             | 134.7            | 132.3                   | 131.7        | 133.1             | 135.3             | 131.7             | 135.4            |
| Paints, soaps and toiletries, and other chemical | 3255-9     | 2.75                                  | 101.6               | 101.6        | 102.4             | 101.9             | 102.4             | 103.0            | 96.2                    | 97.2         | 98.4              | 99.3              | 100.8             | 102.2            |
| Paints and other chemical products               | 3255,9     | 1.37                                  | 105.3               | 104.9        | 107.6             | 108.6             | 107.9             | 109.7            | 98.6                    | 100.4        | 103.1             | 105.7             | 109.3             | 113.5            |
| Paint, coating, and adhesive                     | 3255       | .64                                   | 106.4               | 107.6        | 109.2             | 111.1             | 110.6             | 112.1            | 96.2                    | 99.5         | 104.8             | 111.0             | 116.0             | 122.7            |
| Paint and coating                                | 32551      | .50                                   | 113.2               | 114.2        | 115.0             | 115.6             | 116.0             | 117.4            | 98.8                    | 103.4        | 109.5             | 116.0             | 123.7             | 131.5            |
| Soaps and toiletries                             | 3256       | 1.38                                  | 98.1                | 98.4         | 97.6              | 95.7              | 97.2              |                  | 93.9                    | 94.1         | 93.9              | 93.3              | 92.8              |                  |
| <b>Plastics and rubber products</b>              | <b>326</b> | 3.72                                  | 103.1               | 103.6        | 104.2             | 104.1             | 105.8             | 106.1            | 102.6                   | 101.7        | 103.9             | 104.0             | 104.6             | 106.0            |
| Plastics product                                 | 3261       | 3.01                                  | 106.1               | 106.9        | 107.3             | 107.5             | 109.2             | 109.5            | 107.7                   | 105.8        | 106.4             | 107.2             | 108.0             | 109.8            |
| Rubber product                                   | 3262       | .71                                   | 92.3                | 91.5         | 93.3              | 92.0              | 93.6              | 94.0             | 84.0                    | 86.9         | 94.8              | 92.9              | 92.4              | 92.4             |
| Tire   | 32621      | .32                                   | 84.6                | 86.9         | 88.5              | 86.2              | 86.7              | 87.6             | 72.6                    | 86.5         | 96.1              | 91.7              | 86.5              | 85.4             |
| Rubber products ex. tires                        | 32622,9    | .39                                   | 98.7                | 95.3         | 97.2              | 96.8              | 99.4              | 99.2             | 93.7                    | 87.0         | 93.4              | 93.7              | 97.3              | 98.3             |

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

| Item   | NAICS      | 2003<br>IP<br>Proportion <sup>1</sup> | Index, 1997 = 100   |              |                   |                   |                   |                  |                         |              |                   |                   |                   |                  |
|--|------------|---------------------------------------|---------------------|--------------|-------------------|-------------------|-------------------|------------------|-------------------------|--------------|-------------------|-------------------|-------------------|------------------|
|  |            |                                       | Seasonally adjusted |              |                   |                   |                   |                  | Not seasonally adjusted |              |                   |                   |                   |                  |
|  |            |                                       | 2003<br>Dec.        | 2004<br>Jan. | Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>r</sup> | May <sup>p</sup> | 2003<br>Dec.            | 2004<br>Jan. | Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>r</sup> | May <sup>p</sup> |
| <b>Nonmetallic mineral product</b>   | <b>327</b> | 2.26                                  | 102.6               | 101.7        | 100.4             | 102.7             | 102.9             | 103.8            | 98.3                    | 94.9         | 93.3              | 96.7              | 101.9             | 105.6            |
| Clay, lime, gypsum, and misc. nonmetallic mineral                              | 3271,4,9   | .68                                   | 95.5                | 95.2         | 96.2              | 95.8              | 95.4              | 97.4             | 92.3                    | 91.8         | 92.3              | 92.7              | 96.6              | 98.2             |
| Clay and misc. nonmetallic mineral products                                    | 3271,9     | .58                                   | 93.9                | 93.4         | 94.3              | 95.0              | 93.9              | 96.1             | 91.4                    | 90.1         | 90.5              | 91.2              | 94.7              | 97.6             |
| Clay product and refractory  | 3271       | .23                                   | 88.8                | 88.9         | 88.6              | 88.0              | 88.9              | 90.5             | 88.3                    | 87.2         | 87.8              | 88.7              | 91.0              | 93.7             |
| Pottery, ceramics, and plumbing fixture  | 32711      | .09                                   | 64.9                | 65.2         | 64.9              | 64.1              | 64.6              | 67.3             | 67.3                    | 64.5         | 65.0              | 64.8              | 65.0              | 67.3             |
| Clay building material and refractories  | 32712      | .14                                   | 110.1               | 109.9        | 109.5             | 109.2             | 110.5             | 111.0            | 106.9                   | 107.3        | 108.0             | 109.9             | 114.0             | 117.1            |
| Other nonmetallic mineral product  | 3279       | .35                                   | 97.5                | 96.6         | 98.4              | 100.0             | 97.3              |                  | 93.6                    | 92.1         | 92.5              | 93.1              | 97.4              |                  |
| Lime and gypsum product  | 3274       | .10                                   | 107.3               | 107.7        | 109.3             | 102.1             | 106.7             | 107.6            | 99.3                    | 104.1        | 105.2             | 103.6             | 109.9             | 103.1            |
| Glass and glass product  | 3272       | .57                                   | 98.2                | 98.1         | 96.5              | 97.7              | 97.5              | 97.8             | 94.1                    | 95.6         | 95.9              | 95.9              | 97.6              | 96.3             |
| Glass container  | 327213     | .11                                   | 91.7                | 93.1         | 90.5              | 90.9              | 93.7              |                  | 71.6                    | 90.1         | 94.9              | 94.0              | 96.0              |                  |
| Cement and concrete product  | 3273       | 1.01                                  | 112.8               | 110.7        | 107.7             | 113.2             | 114.2             | 114.3            | 107.3                   | 98.3         | 93.5              | 101.8             | 110.6             | 119.2            |
| Cement   | 32731      | .21                                   | 117.2               | 107.4        | 104.6             | 125.1             |                   |                  | 88.3                    | 74.3         | 80.7              | 111.4             |                   |                  |
| Concrete and product   | 32732-9    | .80                                   | 111.9               | 111.9        | 108.8             | 110.2             | 113.5             |                  | 112.7                   | 105.0        | 97.2              | 99.4              | 107.1             |                  |
| <b>Primary metal</b>   | <b>331</b> | 2.16                                  | 88.0                | 87.3         | 90.3              | 88.9              | 88.1              | 88.9             | 83.6                    | 85.1         | 90.8              | 91.2              | 90.4              | 90.6             |
| Iron and steel products  | 3311,2     | .91                                   | 99.7                | 98.8         | 101.1             | 97.7              | 94.3              | 95.3             | 91.7                    | 94.5         | 100.6             | 99.9              | 96.9              | 99.8             |
| Pig iron   | 3311,2pt.  | .09                                   | 84.1                | 80.9         | 78.4              | 83.1              | 78.7              |                  | 78.3                    | 77.2         | 79.0              | 84.2              | 81.2              |                  |
| Raw steel  | 3311,2pt.  | .05                                   | 96.7                | 91.9         | 91.0              | 95.1              | 92.8              |                  | 88.8                    | 89.6         | 93.8              | 97.2              | 95.7              |                  |
| Coke and products  | 3311,2pt.  | .02                                   | 77.4                | 71.6         | 73.1              | 77.1              | 79.0              | 79.4             | 74.4                    | 69.8         | 72.4              | 77.3              | 80.0              | 80.9             |
| Construction steel   | 3311,2pt.  | .10                                   | 110.6               | 107.2        | 112.9             | 113.8             | 97.4              |                  | 100.0                   | 102.5        | 109.9             | 104.9             | 99.8              |                  |
| Consumer durable steel   | 3311,2pt.  | .10                                   | 92.6                | 88.0         | 91.1              | 86.8              | 87.5              |                  | 78.7                    | 83.4         | 92.8              | 91.4              | 89.6              |                  |
| Can and closure steel  | 3311,2pt.  | .02                                   | 66.8                | 67.2         | 72.2              | 78.8              | 70.6              |                  | 59.2                    | 63.8         | 68.6              | 76.9              | 68.5              |                  |
| Equipment steel  | 3311,2pt.  | .05                                   | 59.4                | 62.4         | 63.9              | 60.1              | 60.8              |                  | 53.6                    | 60.8         | 66.2              | 63.4              | 62.8              |                  |
| Miscellaneous steel  | 3311,2pt.  | .48                                   | 114.5               | 115.5        | 118.6             | 110.5             | 108.2             |                  | 107.2                   | 110.2        | 116.9             | 114.9             | 111.4             |                  |
| Alumina and aluminum production and processing                                 | 3313       | .38                                   | 86.4                | 85.5         | 94.9              | 88.9              | 89.0              | 89.5             | 80.0                    | 85.2         | 96.1              | 94.6              | 92.5              | 88.9             |
| Primary aluminum production  | 331312     | .11                                   | 86.7                | 85.1         | 84.2              | 85.0              | 84.8              | 84.3             | 87.0                    | 84.9         | 84.9              | 85.0              | 84.6              | 85.0             |
| Secondary smelting and alloying of aluminum                                    | 331314     | .03                                   | 80.9                | 82.5         | 83.1              | 81.5              |                   |                  | 78.7                    | 79.7         | 90.8              | 81.4              |                   |                  |
| Misc. aluminum materials   | 331315,9   | .12                                   | 80.5                | 83.8         | 94.8              | 87.1              | 85.9              |                  | 74.7                    | 82.6         | 95.5              | 93.6              | 90.8              |                  |
| Aluminum extruded product  | 331316     | .11                                   | 97.1                | 90.6         | 113.1             | 99.1              | 101.3             |                  | 79.8                    | 91.4         | 113.1             | 112.3             | 108.0             |                  |
| Nonferrous metal (except aluminum) production and processing                   | 3314       | .25                                   | 65.9                | 63.0         | 66.0              | 68.2              | 68.7              | 69.7             | 66.5                    | 64.9         | 68.2              | 68.1              | 69.4              | 67.8             |
| Nonferrous metal (except aluminum) smelting and refining                       | 33141      | .08                                   | 67.5                | 66.3         | 65.7              | 65.6              | 66.4              | 67.7             | 69.2                    | 69.0         | 69.7              | 67.8              | 67.5              | 69.6             |
| Primary smelting and refining of copper  | 331411     | .03                                   | 41.1                | 38.3         | 38.0              | 37.3              | 38.9              | 39.8             | 43.4                    | 38.9         | 39.1              | 36.9              | 38.3              | 40.7             |
| Primary smelting and refining of nonferrous                                    | 331419     | .05                                   | 96.7                | 98.1         | 97.1              |                   |                   |                  | 97.6                    | 103.6        | 105.0             |                   |                   |                  |
| Foundries  | 3315       | .62                                   | 84.7                | 85.4         | 85.5              | 87.9              | 89.3              | 89.9             | 83.6                    | 83.0         | 86.4              | 89.4              | 91.3              | 91.1             |
| <b>Fabricated metal product</b>  | <b>332</b> | 5.63                                  | 95.6                | 95.6         | 96.3              | 97.0              | 98.2              | 99.1             | 94.1                    | 92.0         | 94.0              | 95.2              | 96.7              | 98.9             |
| Forging and stamping   | 3321       | .52                                   | 100.8               | 100.9        | 100.4             | 103.4             | 102.7             |                  | 96.5                    | 93.6         | 99.1              | 101.5             | 100.9             |                  |
| Cutlery and handtool   | 3322       | .28                                   | 86.4                | 87.4         | 90.8              | 91.1              | 93.2              | 91.9             | 88.5                    | 88.1         | 90.5              | 91.3              | 92.0              | 91.6             |
| Architectural and structural metals  | 3323       | 1.20                                  | 101.4               | 101.6        | 101.4             | 101.5             | 103.9             | 105.6            | 103.4                   | 100.0        | 98.5              | 98.8              | 100.8             | 105.1            |
| Hardware   | 3325       | .26                                   | 97.2                | 97.8         | 97.0              | 99.0              | 98.6              |                  | 93.6                    | 92.9         | 94.7              | 97.6              | 97.5              |                  |
| Spring and wire product  | 3326       | .18                                   | 90.8                | 92.0         | 90.5              | 88.1              | 89.2              | 89.3             | 92.4                    | 92.3         | 89.9              | 88.0              | 88.7              | 89.4             |
| Machine shops; turned product; and screw, nut, and bolt                        | 3327       | 1.25                                  | 101.9               | 99.0         | 101.5             | 103.1             | 102.9             |                  | 96.0                    | 91.7         | 97.5              | 99.6              | 100.5             |                  |
| Coating, engraving, heat treating, and allied                                  | 3328       | .44                                   | 95.4                | 97.7         | 96.8              | 99.8              | 101.5             |                  | 92.3                    | 91.8         | 95.3              | 97.5              | 99.6              |                  |
| Other fabricated metal product   | 3329       | 1.11                                  | 86.6                | 87.5         | 87.6              | 86.8              | 88.5              | 89.3             | 88.1                    | 87.6         | 87.6              | 87.6              | 88.5              | 89.5             |
| Ball and roller bearing  | 332991     | .13                                   | 83.3                | 82.3         | 77.9              | 76.4              | 77.9              | 79.0             | 81.8                    | 84.2         | 81.8              | 80.3              | 80.7              | 80.9             |
| <b>Machinery</b>   | <b>333</b> | 5.13                                  | 89.6                | 91.1         | 93.5              | 94.1              | 95.1              | 96.5             | 86.1                    | 90.0         | 95.7              | 99.5              | 97.3              | 98.5             |
| Agriculture, construction, and mining machinery                                | 3331       | .84                                   | 87.4                | 90.6         | 95.7              | 93.7              | 95.5              | 97.2             | 75.5                    | 91.2         | 101.1             | 104.5             | 100.6             | 101.8            |
| Agricultural implement   | 33311      | .35                                   | 85.7                | 89.3         | 92.8              | 89.9              | 90.1              | 96.9             | 75.2                    | 92.1         | 102.6             | 104.7             | 101.0             | 101.6            |
| Farm machinery and equipment   | 333111     | .25                                   | 77.2                | 81.4         | 84.0              | 79.8              | 80.2              | 88.6             | 62.3                    | 81.5         | 91.8              | 94.3              | 88.4              | 89.9             |
| Construction machinery   | 33312      | .32                                   | 92.4                | 94.0         | 103.4             | 99.9              | 104.3             | 102.9            | 72.0                    | 93.2         | 107.3             | 113.2             | 106.7             | 109.2            |
| Mining and oil and gas field machinery   | 33313      | .16                                   | 81.9                | 87.7         | 87.4              | 90.2              | 90.2              | 87.5             | 84.3                    | 85.9         | 86.3              | 87.3              | 87.9              | 87.9             |
| Industrial machinery   | 3332       | .60                                   | 79.0                | 78.9         | 80.2              | 82.2              | 81.3              | 82.4             | 80.8                    | 78.9         | 79.8              | 82.4              | 80.4              | 82.0             |
| Commercial and service industry machinery and other                            | 3333,9     | 1.67                                  | 90.6                | 92.3         | 94.1              | 95.9              | 96.7              | 98.3             | 92.9                    | 92.3         | 93.8              | 95.5              | 95.5              | 98.0             |
| HVAC, metalworking, and power transmission machinery                           | 3334-6     | 2.02                                  | 93.8                | 94.8         | 97.0              | 97.1              | 98.7              | 100.0            | 87.4                    | 91.7         | 100.6             | 107.1             | 103.7             | 103.5            |
| Ventilation, heating, air-conditioning, and commercial refrigeration equipment | 3334       | .75                                   | 112.5               | 114.8        | 121.3             | 120.3             | 122.0             | 122.6            | 85.8                    | 102.0        | 132.5             | 151.8             | 141.3             | 136.8            |
| Metalworking machinery   | 3335       | .53                                   | 65.5                | 66.0         | 67.3              | 66.6              | 67.8              | 69.7             | 67.4                    | 66.9         | 67.7              | 67.3              | 66.8              | 68.8             |
| Engine, turbine, and power transmission equipment                              | 3336       | .75                                   | 111.3               | 111.8        | 111.0             | 113.2             | 115.1             | 116.2            | 114.5                   | 113.2        | 111.2             | 113.7             | 113.6             | 114.9            |

<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       | 2003<br>IP<br>Proportion <sup>1</sup> | Index, 1997 = 100   |              |                   |                   |                   |                  |                         |              |                   |                   |                   |                  |
|--|-------------|---------------------------------------|---------------------|--------------|-------------------|-------------------|-------------------|------------------|-------------------------|--------------|-------------------|-------------------|-------------------|------------------|
|  |             |                                       | Seasonally adjusted |              |                   |                   |                   |                  | Not seasonally adjusted |              |                   |                   |                   |                  |
|  |             |                                       | 2003<br>Dec.        | 2004<br>Jan. | Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>r</sup> | May <sup>p</sup> | 2003<br>Dec.            | 2004<br>Jan. | Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>r</sup> | May <sup>p</sup> |
| <b>Computer and electronic product</b>                       | <b>334</b>  | 7.90                                  | 285.3               | 290.1        | 296.6             | 301.0             | 304.3             | 314.2            | 298.2                   | 277.3        | 287.9             | 308.8             | 289.0             | 303.3            |
| Computer and peripheral equipment                            | 3341        | 1.17                                  | 288.7               | 295.1        | 301.3             | 308.0             | 315.1             | 322.9            | 293.4                   | 287.1        | 281.8             | 281.9             | 287.7             | 299.1            |
| Communications equipment                                     | 3342        | 1.31                                  | 152.0               | 155.7        | 155.3             | 153.0             | 151.2             | 156.3            | 156.9                   | 154.6        | 155.1             | 153.9             | 151.6             | 156.0            |
| Audio and video equipment                                    | 3343        | .17                                   | 172.7               | 167.5        | 180.4             | 205.4             | 168.0             | 183.7            | 183.9                   | 141.5        | 182.8             | 181.3             | 160.7             | 167.5            |
| Semiconductor and other electronic component                 | 3344        | 2.47                                  | 767.4               | 794.6        | 831.0             | 848.5             | 877.1             | 911.8            | 836.4                   | 713.6        | 782.5             | 944.2             | 789.3             | 858.8            |
| Navigational, measuring, electromedical, and control         | 3345        | 2.62                                  | 111.5               | 110.9        | 111.8             | 112.9             | 113.9             | 116.8            | 113.3                   | 110.5        | 111.8             | 113.8             | 113.1             | 116.4            |
| <b>Electrical equipment, appliance, and component</b>        | <b>335</b>  | 2.18                                  | 96.7                | 97.0         | 96.8              | 96.5              | 98.7              | 99.0             | 92.6                    | 92.7         | 96.0              | 95.7              | 96.8              | 97.6             |
| Household appliance  | 3352        | .43                                   | 123.5               | 125.1        | 121.1             | 119.9             | 126.0             | 121.2            | 111.5                   | 117.8        | 130.1             | 127.9             | 123.9             | 119.1            |
| Small electrical appliance                                   | 33521       | .11                                   | 97.2                | 96.8         | 92.4              | 86.4              | 91.0              | 91.9             | 98.1                    | 84.9         | 82.7              | 81.4              | 74.8              | 75.8             |
| Major appliance  | 33522       | .32                                   | 134.1               | 136.6        | 132.7             | 133.9             | 140.6             | 133.1            | 116.3                   | 131.6        | 150.6             | 147.9             | 145.2             | 137.7            |
| Electrical equipment except appliances                       | 3351,3-9    | 1.75                                  | 91.6                | 91.8         | 92.2              | 92.1              | 93.6              | 94.8             | 89.0                    | 88.0         | 89.6              | 89.6              | 91.7              | 93.5             |
| Electric lighting equipment                                  | 3351        | .26                                   | 89.2                | 89.5         | 90.1              | 91.3              | 94.3              |                  | 87.4                    | 84.8         | 89.9              | 88.9              | 92.8              |                  |
| Electrical equipment   | 3353        | .68                                   | 85.6                | 86.2         | 86.0              | 84.7              | 85.3              |                  | 81.6                    | 83.2         | 83.4              | 81.8              | 83.3              |                  |
| Other electrical equipment and component                     | 3359        | .81                                   | 98.1                | 97.7         | 98.8              | 99.3              | 101.0             | 102.5            | 96.5                    | 93.5         | 95.2              | 97.2              | 99.2              | 101.5            |
| Battery  | 33591       | .12                                   | 98.5                | 100.1        | 108.8             | 103.3             | 103.1             | 105.2            | 97.4                    | 91.8         | 96.2              | 104.5             | 97.6              | 101.6            |
| Communication and energy wire and cable                      | 33592       | .20                                   | 78.8                | 77.9         | 77.9              | 80.6              | 82.2              | 82.5             | 80.3                    | 77.3         | 77.5              | 80.9              | 82.6              | 82.2             |
| Other electrical equipment                                   | 33593,9     | .49                                   | 109.6               | 109.0        | 108.5             | 109.4             | 111.8             |                  | 106.1                   | 103.9        | 105.7             | 105.1             | 109.8             |                  |
| <b>Transportation equipment</b>                              | <b>336</b>  | 10.13                                 | 111.6               | 112.3        | 114.4             | 112.9             | 112.7             | 111.2            | 102.3                   | 107.6        | 118.4             | 120.2             | 115.6             | 115.3            |
| Motor vehicle  | 3361        | 2.94                                  | 124.2               | 126.0        | 128.7             | 125.2             | 125.3             | 120.0            | 105.4                   | 113.2        | 140.2             | 142.3             | 132.0             | 129.4            |
| Automobile and light duty motor vehicle                      | 33611       | 2.83                                  | 124.0               | 125.0        | 128.5             | 125.3             | 125.2             | 120.2            | 105.3                   | 112.9        | 140.2             | 142.4             | 131.8             | 129.5            |
| Automobile   | 336111      | 1.09                                  | 85.3                | 85.8         | 89.3              | 87.2              | 88.1              | 80.7             | 71.1                    | 77.9         | 96.7              | 96.7              | 92.2              | 86.8             |
| Light truck and utility vehicle                              | 336112      | 1.74                                  | 162.0               | 163.5        | 166.8             | 162.4             | 161.4             | 159.2            | 139.0                   | 147.2        | 182.8             | 187.4             | 170.5             | 171.8            |
| Heavy duty truck   | 33612       | .11                                   | 122.4               | 140.1        | 127.6             | 117.3             | 119.8             | 109.9            | 100.9                   | 113.0        | 134.2             | 132.7             | 128.9             | 119.0            |
| Motor vehicle body and trailer                               | 3362        | .41                                   | 124.2               | 128.4        | 130.8             | 131.8             | 134.1             | 134.0            | 107.2                   | 118.1        | 128.2             | 142.1             | 146.9             | 134.5            |
| Truck trailer  | 336212      | .09                                   | 106.2               | 107.9        | 113.9             | 120.0             | 118.6             | 117.8            | 90.5                    | 94.6         | 105.8             | 117.1             | 115.6             | 112.7            |
| Motor home   | 336213      | .05                                   | 120.5               | 120.8        | 128.8             | 117.1             | 127.9             |                  | 111.4                   | 109.8        | 127.8             | 145.5             | 140.7             |                  |
| Travel trailer and camper                                    | 336214      | .14                                   | 199.4               | 218.0        | 215.1             | 217.7             | 215.1             | 217.1            | 141.6                   | 193.6        | 214.9             | 251.3             | 272.8             | 230.6            |
| Motor vehicle parts  | 3363        | 3.32                                  | 118.3               | 118.8        | 121.2             | 119.5             | 118.5             | 117.5            | 103.2                   | 115.8        | 125.3             | 126.8             | 122.4             | 124.1            |
| Aerospace product and parts                                  | 3364        | 2.58                                  | 88.8                | 87.4         | 89.3              | 88.6              | 89.3              | 89.2             | 91.3                    | 87.6         | 88.9              | 89.2              | 87.7              | 88.2             |
| Aircraft and parts   | 336411-3    | 2.13                                  | 90.8                | 89.7         | 91.5              | 90.6              | 91.7              | 91.8             | 93.3                    | 89.9         | 90.9              | 91.3              | 90.1              | 90.8             |
| Railroad eq., ships and boats, and other                     | 3365-9      | .88                                   | 125.8               | 129.2        | 128.9             | 130.6             | 128.6             | 130.3            | 128.2                   | 128.8        | 128.7             | 130.6             | 127.9             | 129.8            |
| Railroad rolling stock                                       | 3365        | .15                                   | 86.1                | 86.9         | 89.4              | 92.7              | 91.3              | 93.8             | 88.7                    | 85.4         | 89.6              | 92.5              | 88.2              | 93.9             |
| Ship and boat building                                       | 3366        | .49                                   | 128.7               | 130.3        | 132.8             | 135.4             | 133.4             | 133.7            | 131.9                   | 130.7        | 131.9             | 135.8             | 131.8             | 133.0            |
| Other transportation equipment                               | 3369        | .25                                   | 158.9               | 168.7        | 159.6             | 157.7             | 155.3             | 159.3            | 159.1                   | 167.3        | 160.2             | 156.6             | 158.4             | 158.3            |
| <b>Furniture and related product</b>                         | <b>337</b>  | 1.65                                  | 100.0               | 101.2        | 101.5             | 101.5             | 102.2             | 102.8            | 97.2                    | 96.1         | 100.8             | 99.3              | 101.1             | 102.3            |
| Household and institutional furniture and kitchen            | 3371        | .99                                   | 108.8               | 108.3        | 108.0             | 108.4             | 110.2             |                  | 105.4                   | 102.8        | 108.2             | 107.6             | 110.1             |                  |
| Office and other furniture                                   | 3372,9      | .66                                   | 89.2                | 92.4         | 93.5              | 93.0              | 92.3              | 93.3             | 87.0                    | 87.8         | 91.6              | 89.0              | 89.9              | 91.0             |
| <b>Miscellaneous</b>   | <b>339</b>  | 3.21                                  | 117.6               | 116.7        | 117.1             | 117.4             | 118.9             | 120.3            | 114.4                   | 112.0        | 111.6             | 112.9             | 115.8             | 118.0            |
| Medical equipment and supplies                               | 3391        | 1.93                                  | 137.2               | 134.6        | 136.1             | 137.0             | 138.5             |                  | 129.3                   | 127.2        | 126.7             | 128.2             | 132.9             |                  |
| <b>Logging</b>   | <b>1133</b> | .19                                   | 83.5                | 80.6         | 82.4              | 85.2              | 85.2              | 85.4             | 81.8                    | 76.2         | 79.1              | 77.6              | 72.7              | 79.1             |
| <b>Newspaper, periodical, book, and directory publishers</b> | <b>5111</b> | 5.17                                  | 106.6               | 107.2        | 110.5             | 110.8             | 112.7             | 115.1            | 108.6                   | 105.4        | 109.4             | 109.3             | 113.6             | 113.1            |
| Newspaper publishers   | 51111       | 1.70                                  | 92.2                | 91.8         | 93.0              | 93.5              | 95.2              | 95.9             | 92.9                    | 88.5         | 92.7              | 89.6              | 99.3              | 93.0             |
| Periodical, book, and other publishers                       | 51112-9     | 3.48                                  | 115.0               | 116.0        | 120.6             | 120.8             | 122.9             | 126.3            | 117.9                   | 115.3        | 119.2             | 120.8             | 122.0             | 124.9            |
| <b>STAGE-OF-PROCESS GROUPS (CAPACITY<sup>2</sup>)</b>        |             |                                       |                     |              |                   |                   |                   |                  |                         |              |                   |                   |                   |                  |
| Crude  |             | 10.76                                 | 92.2                | 92.6         | 92.3              | 92.1              | 93.0              | 93.0             | 91.8                    | 92.4         | 92.6              | 92.6              | 92.9              | 92.8             |
| Primary and semifinished                                     |             | 49.87                                 | 119.9               | 121.0        | 122.1             | 121.9             | 123.2             | 125.1            | 118.9                   | 122.0        | 122.0             | 122.5             | 120.5             | 122.6            |
| Finished   |             | 39.37                                 | 110.1               | 110.4        | 111.5             | 111.9             | 112.4             | 113.2            | 107.4                   | 107.5        | 111.0             | 112.1             | 111.1             | 112.5            |

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

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

Table 1 (continued)

## INDUSTRIAL PRODUCTION: MARKET GROUP SUMMARY

| Item   | NAICS | 2003<br>IP<br>Proportion <sup>1</sup> | Index, 1997 = 100   |              |                   |                   |                   |                  |                         |              |                   |                   |                   |                  |
|--|-------|---------------------------------------|---------------------|--------------|-------------------|-------------------|-------------------|------------------|-------------------------|--------------|-------------------|-------------------|-------------------|------------------|
|  |       |                                       | Seasonally adjusted |              |                   |                   |                   |                  | Not seasonally adjusted |              |                   |                   |                   |                  |
|  |       |                                       | 2003<br>Dec.        | 2004<br>Jan. | Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>r</sup> | May <sup>p</sup> | 2003<br>Dec.            | 2004<br>Jan. | Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>r</sup> | May <sup>p</sup> |
| <b>Total index</b>                                   |       | 100.00                                | 113.1               | 113.8        | 114.8             | 114.8             | 115.7             | 116.9            | 111.5                   | 113.1        | 114.6             | 115.2             | 113.9             | 115.5            |
| <b>Products and nonindustrial supplies</b>           |       | 58.64                                 | 109.5               | 110.2        | 111.2             | 111.2             | 112.0             | 113.3            | 108.5                   | 110.7        | 111.5             | 111.5             | 110.0             | 111.1            |
| <b>Final products</b>                                |       | 43.11                                 | 109.1               | 109.8        | 110.8             | 110.8             | 111.6             | 112.6            | 108.3                   | 111.2        | 112.4             | 112.1             | 109.6             | 110.2            |
| <b>Consumer goods</b>                                |       | 31.19                                 | 107.3               | 108.1        | 108.8             | 108.8             | 109.4             | 110.3            | 106.7                   | 110.8        | 111.2             | 110.3             | 107.1             | 107.2            |
| <b>Durable</b>                                       |       | 8.15                                  | 121.2               | 122.7        | 123.8             | 122.9             | 123.4             | 122.7            | 114.0                   | 116.3        | 126.8             | 128.2             | 125.4             | 124.4            |
| Automotive products                                  |       | 4.13                                  | 133.1               | 135.0        | 137.2             | 135.0             | 135.0             | 132.4            | 119.1                   | 126.1        | 144.6             | 147.3             | 140.6             | 138.3            |
| Autos and trucks, consumer                           |       | 2.50                                  | 138.1               | 139.2        | 142.9             | 139.3             | 139.1             | 133.8            | 117.4                   | 125.7        | 156.0             | 158.6             | 146.5             | 144.2            |
| Auto parts and allied goods                          |       | 1.63                                  | 125.6               | 128.7        | 128.9             | 128.6             | 128.8             | 129.8            | 120.9                   | 126.2        | 128.5             | 131.4             | 132.0             | 129.7            |
| Other goods  |       | 4.02                                  | 110.8               | 111.9        | 112.1             | 112.2             | 113.3             | 114.2            | 109.5                   | 107.8        | 111.3             | 111.6             | 112.1             | 112.4            |
| Home electronics                                     |       | .36                                   | 202.7               | 203.1        | 212.0             | 227.5             | 211.4             | 222.2            | 216.6                   | 191.5        | 206.6             | 200.3             | 185.2             | 188.2            |
| Appliances, furniture, and carpeting                 |       | 1.42                                  | 111.4               | 113.3        | 112.4             | 110.7             | 113.1             | 112.2            | 104.9                   | 108.4        | 114.8             | 114.0             | 115.3             | 112.1            |
| Household appliances                                 |       | .36                                   | 124.5               | 128.4        | 129.1             | 125.0             | 130.4             | 123.7            | 108.9                   | 122.4        | 141.6             | 141.2             | 136.2             | 125.3            |
| Carpeting and furniture                              |       | 1.06                                  | 107.3               | 108.7        | 107.2             | 106.3             | 107.8             | 108.6            | 103.7                   | 104.1        | 106.6             | 105.7             | 108.8             | 108.0            |
| Miscellaneous goods                                  |       | 2.24                                  | 99.0                | 99.6         | 99.6              | 99.5              | 101.2             | 102.2            | 99.0                    | 96.6         | 97.4              | 98.9              | 100.4             | 102.3            |
| <b>Nondurable</b>                                    |       | 23.04                                 | 102.3               | 102.9        | 103.5             | 103.7             | 104.4             | 105.8            | 103.8                   | 108.4        | 105.8             | 104.1             | 100.9             | 101.3            |
| Non-energy   |       | 18.28                                 | 100.1               | 99.8         | 100.8             | 101.6             | 102.1             | 103.2            | 98.0                    | 97.7         | 99.1              | 100.1             | 100.0             | 101.9            |
| Foods and tobacco                                    |       | 9.98                                  | 96.1                | 96.0         | 96.3              | 97.2              | 97.3              | 98.6             | 92.3                    | 92.4         | 93.9              | 94.7              | 94.9              | 96.8             |
| Clothing   |       | .86                                   | 61.2                | 61.2         | 62.1              | 62.5              | 63.9              | 63.1             | 61.4                    | 59.8         | 61.0              | 62.3              | 63.1              | 64.1             |
| Chemical products                                    |       | 4.67                                  | 118.7               | 117.6        | 119.3             | 120.2             | 120.9             | 121.4            | 119.0                   | 118.6        | 119.5             | 120.8             | 118.4             | 120.7            |
| Paper products                                       |       | 2.24                                  | 109.7               | 110.3        | 113.7             | 113.8             | 115.4             | 117.9            | 111.6                   | 109.8        | 112.9             | 113.8             | 114.7             | 116.7            |
| Miscellaneous goods                                  |       | .53                                   | 116.9               | 115.3        | 116.1             | 117.2             | 118.3             | 119.8            | 111.4                   | 109.6        | 109.3             | 111.3             | 114.8             | 117.5            |
| Energy   |       | 4.76                                  | 113.0               | 117.2        | 116.2             | 114.1             | 115.6             | 118.1            | 130.4                   | 156.2        | 135.8             | 122.8             | 106.6             | 100.3            |
| Fuels  |       | 1.57                                  | 108.3               | 107.5        | 105.8             | 109.3             | 108.9             | 108.7            | 110.1                   | 103.0        | 101.5             | 104.2             | 110.0             | 111.8            |
| Residential utilities                                |       | 3.19                                  | 115.1               | 121.9        | 121.3             | 116.3             | 118.7             | 122.6            | 140.6                   | 183.9        | 153.6             | 132.2             | 104.7             | 94.2             |
| <b>Equipment, total</b>                              |       | 11.92                                 | 112.0               | 112.7        | 114.4             | 114.4             | 115.4             | 116.8            | 110.6                   | 110.5        | 113.8             | 115.2             | 114.5             | 116.6            |
| <b>Business equipment</b>                            |       | 9.58                                  | 113.2               | 114.4        | 116.2             | 116.0             | 117.2             | 118.8            | 111.1                   | 111.8        | 115.7             | 117.0             | 116.5             | 118.8            |
| Transit  |       | 1.57                                  | 77.8                | 78.0         | 79.3              | 78.3              | 79.6              | 78.2             | 74.5                    | 74.2         | 80.4              | 81.4              | 79.8              | 79.1             |
| Business vehicles                                    |       | .44                                   | 79.5                | 83.4         | 82.9              | 79.6              | 80.5              | 75.6             | 66.6                    | 72.8         | 89.3              | 89.9              | 85.1              | 81.5             |
| Business light vehicles                              |       | .33                                   | 66.5                | 67.1         | 69.4              | 67.9              | 68.3              | 64.8             | 56.1                    | 60.6         | 75.4              | 76.4              | 71.7              | 69.7             |
| Autos  |       | .20                                   | 69.7                | 70.3         | 73.6              | 72.3              | 73.6              | 68.0             | 58.1                    | 63.8         | 79.6              | 80.1              | 77.0              | 73.1             |
| Trucks   |       | .13                                   | 65.9                | 66.4         | 67.6              | 65.7              | 65.1              | 64.0             | 56.5                    | 59.7         | 74.0              | 75.7              | 68.6              | 68.9             |
| Information processing                               |       | 3.05                                  | 177.6               | 179.2        | 180.9             | 181.3             | 182.3             | 187.4            | 180.6                   | 176.8        | 177.9             | 179.3             | 179.4             | 185.7            |
| Industrial and other                                 |       | 4.96                                  | 92.5                | 93.8         | 95.5              | 95.6              | 96.6              | 98.1             | 89.5                    | 91.9         | 95.3              | 96.5              | 96.3              | 98.2             |
| Industrial equipment                                 |       | 2.59                                  | 85.3                | 86.4         | 88.6              | 89.1              | 90.0              | 91.4             | 84.6                    | 86.2         | 88.7              | 90.3              | 89.2              | 91.4             |
| Other equipment                                      |       | 2.38                                  | 102.6               | 104.0        | 105.2             | 104.6             | 105.8             | 107.5            | 96.3                    | 99.9         | 104.4             | 105.2             | 106.2             | 107.6            |
| Oil and gas well drilling<br>and manufactured homes  |       | .35                                   | 73.1                | 70.2         | 71.2              | 70.3              | 71.6              | 70.5             | 68.0                    | 67.5         | 68.8              | 69.2              | 70.1              | 71.4             |
| Defense and space equipment                          |       | 1.99                                  | 112.4               | 111.7        | 113.2             | 114.4             | 114.5             | 115.1            | 115.4                   | 111.6        | 112.9             | 115.0             | 112.6             | 113.8            |
| <b>Nonindustrial supplies</b>                        |       | 15.53                                 | 110.8               | 111.3        | 112.1             | 112.2             | 113.4             | 115.3            | 109.3                   | 109.1        | 108.7             | 109.7             | 110.9             | 113.7            |
| Construction supplies                                |       | 4.23                                  | 104.1               | 104.1        | 104.3             | 104.9             | 105.9             | 107.4            | 100.5                   | 98.0         | 98.9              | 101.8             | 105.1             | 109.8            |
| Other business supplies                              |       | 11.30                                 | 113.4               | 114.1        | 115.3             | 115.1             | 116.3             | 118.4            | 112.8                   | 113.5        | 112.7             | 112.8             | 113.1             | 115.1            |
| General business supplies                            |       | 8.88                                  | 112.0               | 112.4        | 113.8             | 114.4             | 115.5             | 117.2            | 110.7                   | 108.7        | 110.5             | 111.6             | 113.8             | 114.9            |
| Commercial energy products                           |       | 2.42                                  | 118.0               | 120.0        | 120.3             | 117.2             | 118.7             | 122.6            | 120.2                   | 131.0        | 120.6             | 116.9             | 110.3             | 115.6            |
| <b>Materials</b>                                     |       | 41.36                                 | 118.2               | 118.9        | 119.8             | 119.8             | 120.8             | 122.1            | 115.6                   | 116.5        | 118.9             | 120.6             | 119.5             | 121.7            |
| Non-energy   |       | 29.83                                 | 123.0               | 123.3        | 124.9             | 125.3             | 126.2             | 127.4            | 119.2                   | 119.1        | 123.6             | 126.8             | 125.7             | 127.8            |
| Durable  |       | 18.63                                 | 140.2               | 141.0        | 143.4             | 144.0             | 145.0             | 146.6            | 135.8                   | 134.9        | 141.7             | 147.4             | 144.1             | 147.6            |
| Consumer parts                                       |       | 3.92                                  | 109.9               | 110.4        | 112.6             | 111.8             | 110.9             | 110.3            | 94.1                    | 106.0        | 117.9             | 120.0             | 116.1             | 116.8            |
| Equipment parts                                      |       | 6.51                                  | 228.8               | 233.0        | 237.9             | 240.2             | 244.8             | 250.2            | 237.6                   | 223.9        | 232.1             | 250.1             | 234.3             | 244.1            |
| Computer and other<br>board assemblies and parts     |       | .51                                   | 159.9               | 161.1        | 162.9             | 164.3             | 170.6             | 174.4            | 162.8                   | 157.0        | 158.0             | 159.4             | 165.0             | 171.5            |
| Semiconductors, printed<br>circuit boards, and other |       | 1.85                                  | 1050.9              | 1094.7       | 1153.5            | 1181.4            | 1218.8            | 1270.7           | 1159.6                  | 968.0        | 1076.1            | 1335.3            | 1079.6            | 1184.7           |
| Other equipment parts                                |       | 4.15                                  | 90.6                | 91.3         | 91.9              | 92.1              | 93.1              | 94.1             | 91.2                    | 91.0         | 91.6              | 92.3              | 92.2              | 93.7             |
| Other  |       | 8.21                                  | 96.7                | 96.4         | 97.5              | 98.0              | 98.5              | 99.3             | 93.3                    | 91.6         | 94.5              | 96.4              | 98.2              | 100.2            |
| Basic metals   |       | 2.11                                  | 85.6                | 85.9         | 88.6              | 87.4              | 87.2              | 87.8             | 82.9                    | 83.9         | 89.0              | 89.6              | 88.9              | 88.6             |
| Miscellaneous materials                              |       | 6.10                                  | 101.4               | 100.9        | 101.4             | 102.6             | 103.4             | 104.3            | 97.7                    | 95.0         | 97.0              | 99.4              | 102.2             | 105.2            |
| Nondurable   |       | 11.20                                 | 96.2                | 95.8         | 96.4              | 96.5              | 97.2              | 98.0             | 93.3                    | 94.0         | 95.5              | 95.8              | 97.3              | 97.5             |
| Textile  |       | .68                                   | 68.8                | 68.6         | 66.2              | 66.2              | 65.3              | 65.8             | 65.8                    | 66.7         | 66.4              | 67.6              | 67.3              | 68.2             |
| Paper  |       | 2.61                                  | 89.7                | 89.8         | 89.6              | 89.9              | 90.3              | 91.4             | 86.0                    | 88.0         | 88.2              | 87.5              | 89.3              | 89.5             |
| Chemical   |       | 4.23                                  | 102.8               | 101.8        | 102.6             | 103.4             | 104.0             | 104.4            | 100.0                   | 101.0        | 102.5             | 103.4             | 104.2             | 105.1            |
| Other materials                                      |       | 3.68                                  | 101.6               | 101.6        | 103.3             | 102.6             | 103.8             | 105.0            | 99.2                    | 98.7         | 101.7             | 101.6             | 104.4             | 103.5            |
| Containers   |       | 1.13                                  | 97.8                | 98.3         | 99.3              | 98.4              | 101.0             | 101.3            | 89.8                    | 93.7         | 97.1              | 98.1              | 103.7             | 101.4            |
| Miscellaneous materials                              |       | 2.54                                  | 103.5               | 103.2        | 105.3             | 104.7             | 105.3             | 106.8            | 103.6                   | 101.1        | 103.8             | 103.2             | 104.7             | 104.6            |
| Energy   |       | 11.53                                 | 101.4               | 102.6        | 102.2             | 101.3             | 102.6             | 103.9            | 101.6                   | 104.4        | 102.2             | 100.5             | 99.5              | 102.0            |
| Primary energy                                       |       | 7.83                                  | 99.1                | 99.6         | 99.3              | 98.6              | 99.6              | 99.8             | 99.7                    | 100.9        | 100.4             | 98.7              | 98.1              | 99.7             |
| Converted fuel                                       |       | 3.70                                  | 105.3               | 108.0        | 107.2             | 106.0             | 108.0             | 111.5            | 104.5                   | 110.9        | 105.1             | 103.5             | 101.6             | 106.1            |

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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    | 2003<br>Proportion | 1972-<br>2003<br>Ave. | 1978-<br>1980<br>High | 1982<br>Low | 1988-<br>1989<br>High | 1990-<br>1991<br>Low | 1994-<br>1995<br>High | 2003<br>May | 2003<br>Dec. | 2004<br>Jan. | Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>r</sup> | May <sup>p</sup> |
|---|----------|--------------------|-----------------------|-----------------------|-------------|-----------------------|----------------------|-----------------------|-------------|--------------|--------------|-------------------|-------------------|-------------------|------------------|
| <b>Total industry</b>   |          | 100.00             | 81.1                  | 86.6                  | 70.9        | 85.2                  | 78.6                 | 84.8                  | 74.1        | 75.8         | 76.2         | 76.7              | 76.6              | 77.1              | 77.8             |
| STAGE-OF-PROCESS GROUPS   |          |                    |                       |                       |             |                       |                      |                       |             |              |              |                   |                   |                   |                  |
| Crude   |          | 9.67               | 86.3                  | 91.5                  | 77.2        | 88.5                  | 84.7                 | 88.9                  | 83.0        | 83.9         | 84.2         | 84.0              | 83.8              | 84.6              | 84.6             |
| Primary and semifinished  |          | 48.65              | 82.2                  | 87.9                  | 68.1        | 86.4                  | 77.5                 | 87.9                  | 75.9        | 78.0         | 78.5         | 79.1              | 78.8              | 79.5              | 80.6             |
| Finished  |          | 41.68              | 78.2                  | 83.7                  | 71.3        | 83.2                  | 77.2                 | 80.3                  | 70.4        | 71.8         | 72.0         | 72.7              | 72.9              | 73.1              | 73.6             |
| INDUSTRY GROUPS   |          |                    |                       |                       |             |                       |                      |                       |             |              |              |                   |                   |                   |                  |
| <b>Manufacturing</b>  |          | 84.35              | 80.0                  | 86.3                  | 68.7        | 85.6                  | 77.2                 | 84.3                  | 72.6        | 74.4         | 74.5         | 75.3              | 75.4              | 75.9              | 76.4             |
| <b>Manufacturing (NAICS)</b>                                    |          | 79.53              | 79.8                  | 86.3                  | 68.0        | 85.5                  | 77.0                 | 84.4                  | 72.0        | 73.9         | 74.0         | 74.6              | 74.8              | 75.1              | 75.7             |
| <b>Durable manufacturing</b>                                    |          | 44.99              | 78.3                  | 86.9                  | 63.2        | 84.5                  | 73.4                 | 83.7                  | 69.0        | 71.7         | 72.0         | 72.9              | 72.8              | 73.1              | 73.5             |
| Wood products   | 321      | 1.45               | 80.2                  | 87.4                  | 59.6        | 88.8                  | 73.0                 | 87.9                  | 72.5        | 76.3         | 77.2         | 77.3              | 76.6              | 77.5              | 79.1             |
| Nonmetallic mineral products                                    | 327      | 2.20               | 79.4                  | 88.1                  | 62.5        | 85.7                  | 72.1                 | 84.0                  | 76.6        | 79.1         | 78.4         | 77.3              | 79.1              | 79.2              | 79.8             |
| Primary metal   | 331      | 2.18               | 80.8                  | 91.1                  | 47.2        | 95.3                  | 75.2                 | 94.9                  | 72.8        | 77.8         | 77.1         | 79.8              | 78.7              | 78.2              | 79.1             |
| Iron and steel products   | 3311,2   | .85                | 81.1                  | 96.2                  | 37.8        | 99.0                  | 70.9                 | 100.6                 | 76.3        | 90.5         | 89.6         | 91.8              | 88.8              | 86.0              | 87.1             |
| Fabricated metal products                                       | 332      | 6.26               | 76.9                  | 83.3                  | 62.0        | 80.3                  | 71.1                 | 83.8                  | 67.0        | 68.4         | 68.3         | 68.7              | 69.2              | 70.0              | 70.5             |
| Machinery   | 333      | 5.73               | 79.5                  | 93.1                  | 58.4        | 84.6                  | 72.8                 | 87.6                  | 67.2        | 70.2         | 71.4         | 73.4              | 73.8              | 74.7              | 75.8             |
| Computer and electronic products                                | 334      | 9.67               | 79.1                  | 89.5                  | 77.3        | 81.1                  | 76.3                 | 85.3                  | 63.0        | 66.6         | 67.3         | 68.2              | 68.6              | 68.5              | 69.8             |
| Computer and office equipment                                   | 3341     | 1.37               | 78.1                  | 89.5                  | 68.8        | 79.3                  | 67.2                 | 86.6                  | 68.3        | 74.2         | 75.3         | 76.2              | 76.9              | 77.4              | 78.0             |
| Communications equipment  | 3342     | 2.09               | 77.7                  | 93.5                  | 83.0        | 81.7                  | 73.2                 | 87.5                  | 50.9        | 50.1         | 51.4         | 51.3              | 50.6              | 49.9              | 51.6             |
| Semiconductor and related electronic components                 | 334412-9 | 2.89               | 80.7                  | 93.8                  | 76.7        | 80.5                  | 78.1                 | 91.5                  | 66.7        | 75.4         | 76.9         | 79.1              | 78.9              | 79.5              | 80.5             |
| Electrical equipment, appliances, and components                | 335      | 2.23               | 83.0                  | 91.9                  | 64.5        | 87.4                  | 75.0                 | 92.5                  | 72.7        | 76.5         | 76.8         | 76.6              | 76.4              | 78.1              | 78.3             |
| Transportation equipment  | 336      | 10.33              | 75.7                  | 86.4                  | 56.4        | 87.8                  | 68.6                 | 77.8                  | 72.0        | 75.5         | 75.8         | 77.1              | 76.0              | 75.7              | 74.5             |
| Motor vehicles and parts  | 3361-3   | 6.27               | 77.7                  | 96.3                  | 45.3        | 89.7                  | 56.5                 | 87.8                  | 77.2        | 82.0         | 82.6         | 84.1              | 82.3              | 81.9              | 79.8             |
| Autos and light trucks  | 33611    | 2.46               | 78.2                  | 100.2                 | 39.6        | 98.6                  | 54.8                 | 88.1                  | 82.3        | 85.2         | 85.5         | 87.4              | 84.9              | 84.6              | 81.0             |
| Aerospace and miscellaneous transportation equipment            | 3364-9   | 4.06               | 72.9                  | 84.2                  | 69.6        | 88.9                  | 81.9                 | 67.7                  | 63.8        | 65.1         | 64.9         | 65.8              | 65.7              | 65.8              | 65.9             |
| Furniture and related products                                  | 337      | 1.77               | 78.9                  | 86.4                  | 66.6        | 84.0                  | 67.9                 | 83.7                  | 69.7        | 69.2         | 70.0         | 70.2              | 70.2              | 70.6              | 71.0             |
| Miscellaneous   | 339      | 3.15               | 76.9                  | 80.2                  | 69.0        | 81.7                  | 77.7                 | 81.2                  | 76.3        | 77.0         | 76.4         | 76.6              | 76.8              | 77.8              | 78.7             |
| <b>Nondurable manufacturing</b>                                 |          | 34.55              | 82.0                  | 85.7                  | 75.6        | 87.0                  | 81.8                 | 85.5                  | 76.1        | 76.9         | 76.9         | 77.2              | 77.7              | 78.1              | 78.8             |
| Food  | 311      | 8.15               | 82.7                  | 85.2                  | 80.7        | 85.8                  | 83.7                 | 84.0                  | 79.3        | 80.0         | 80.0         | 80.5              | 80.9              | 80.7              | 82.2             |
| Beverage and tobacco products                                   | 312      | 3.03               | 80.3                  | 84.9                  | 77.1        | 87.0                  | 74.9                 | 87.8                  | 72.4        | 69.7         | 70.0         | 70.1              | 71.2              | 72.1              | 72.3             |
| Textile mills   | 313      | .72                | 83.3                  | 90.3                  | 72.3        | 91.9                  | 78.4                 | 92.7                  | 68.9        | 69.4         | 69.5         | 67.3              | 67.4              | 66.7              | 67.5             |
| Textile product mills   | 314      | .51                | 83.2                  | 93.0                  | 71.1        | 90.7                  | 73.7                 | 88.0                  | 75.5        | 75.6         | 79.3         | 76.6              | 73.7              | 75.9              | 77.2             |
| Apparel   | 315      | .95                | 80.2                  | 85.0                  | 78.0        | 85.5                  | 78.0                 | 91.2                  | 64.1        | 64.3         | 65.0         | 66.3              | 67.4              | 69.3              | 68.8             |
| Leather and allied products                                     | 316      | .18                | 76.7                  | 86.4                  | 75.5        | 79.9                  | 71.7                 | 81.3                  | 63.2        | 67.5         | 66.6         | 67.2              | 67.9              | 68.7              | 68.2             |
| Paper   | 322      | 2.69               | 88.3                  | 95.4                  | 81.3        | 93.7                  | 85.2                 | 92.4                  | 83.8        | 84.3         | 84.0         | 84.6              | 84.0              | 85.4              | 86.2             |
| Printing and support  | 323      | 2.46               | 84.3                  | 88.2                  | 80.1        | 91.6                  | 82.7                 | 86.0                  | 71.5        | 71.2         | 72.0         | 71.7              | 72.8              | 72.5              | 73.7             |
| Petroleum and coal products                                     | 324      | 2.07               | 86.4                  | 92.3                  | 71.2        | 88.9                  | 82.5                 | 90.2                  | 88.6        | 90.0         | 88.0         | 88.2              | 90.3              | 90.0              | 90.3             |
| Chemical  | 325      | 10.27              | 78.4                  | 83.1                  | 68.1        | 85.6                  | 80.8                 | 81.3                  | 72.5        | 74.4         | 74.0         | 74.5              | 74.9              | 75.3              | 75.6             |
| Plastics material and resin                                     | 325211   | .61                | 85.9                  | 84.7                  | 65.3        | 97.6                  | 78.1                 | 101.3                 | 78.3        | 88.6         | 86.5         | 85.1              | 84.8              | 88.5              |                  |
| Synthetic rubber  | 325212   | .11                | 79.0                  | 90.4                  | 55.5        | 92.5                  | 73.6                 | 88.6                  | 77.6        | 76.0         | 77.5         | 75.3              |                   |                   |                  |
| Artificial and synthetic fibers and filaments                   | 32522    | .18                | 81.5                  | 94.2                  | 62.1        | 96.1                  | 75.6                 | 89.3                  | 75.0        | 85.3         | 82.9         | 80.0              | 82.5              |                   |                  |
| Plastics and rubber products                                    | 326      | 3.51               | 83.7                  | 89.9                  | 70.5        | 91.3                  | 77.2                 | 92.4                  | 79.4        | 80.7         | 81.2         | 81.8              | 81.8              | 83.1              | 83.4             |
| <b>Other manufacturing (non-NAICS)</b>                          |          | 4.81               | 83.6                  | 88.2                  | 85.7        | 90.7                  | 79.1                 | 82.8                  | 83.0        | 83.1         | 83.5         | 86.2              | 86.6              | 88.0              | 89.9             |
| <b>Mining</b>   |          |                    |                       |                       |             |                       |                      |                       |             |              |              |                   |                   |                   |                  |
| Oil and gas extraction  | 211      | 4.65               | 92.0                  | 95.6                  | 89.5        | 91.1                  | 88.8                 | 94.5                  | 91.0        | 91.5         | 92.0         | 91.7              | 91.6              | 92.1              | 91.6             |
| Mining (except oil and gas)                                     | 212      | 1.36               | 84.1                  | 92.5                  | 67.6        | 90.3                  | 80.1                 | 87.9                  | 81.9        | 84.1         | 82.7         | 82.4              | 81.5              | 83.8              | 83.6             |
| Coal mining   | 2121     | .59                | 86.0                  | 97.8                  | 76.3        | 92.6                  | 79.6                 | 87.5                  | 81.1        | 85.6         | 82.1         | 81.2              | 77.3              | 82.7              | 81.3             |
| Metal mining  | 2122     | .21                | 79.7                  | 86.0                  | 32.0        | 90.4                  | 82.1                 | 92.1                  | 72.7        | 70.0         | 76.3         | 77.3              | 76.4              | 76.8              | 77.7             |
| Stone and earth minerals  | 2123     | .56                | 83.1                  | 93.0                  | 64.3        | 89.4                  | 75.5                 | 90.3                  | 86.2        | 88.0         | 85.8         | 85.7              | 88.1              | 87.9              | 88.4             |
| Support activities for mining                                   | 213      | .70                | 71.9                  | 99.8                  | 49.7        | 61.6                  | 52.3                 | 74.2                  | 59.7        | 60.4         | 60.4         | 59.2              | 59.6              | 59.3              | 59.6             |
| <b>Utilities</b>  |          |                    |                       |                       |             |                       |                      |                       |             |              |              |                   |                   |                   |                  |
| Electric  | 2211     | 7.37               | 88.3                  | 88.0                  | 78.9        | 94.2                  | 86.8                 | 96.5                  | 83.9        | 84.9         | 87.2         | 86.4              | 84.8              | 85.7              | 89.1             |
| Natural gas   | 2212     | 1.58               | 80.2                  | 92.1                  | 72.3        | 86.5                  | 67.4                 | 87.8                  | 79.4        | 81.0         | 85.8         | 87.2              | 81.4              | 84.0              | 84.0             |
| SPECIAL AGGREGATES  |          |                    |                       |                       |             |                       |                      |                       |             |              |              |                   |                   |                   |                  |
| Selected high-technology industries                             |          | 6.35               | 78.8                  | 89.4                  | 75.4        | 79.9                  | 74.5                 | 88.3                  | 61.9        | 66.9         | 68.3         | 69.6              | 69.5              | 69.8              | 71.0             |
| Manufacturing ex. selected high-tech industries                 |          | 78.00              | 80.1                  | 86.3                  | 68.2        | 86.1                  | 77.3                 | 84.1                  | 73.8        | 75.5         | 75.5         | 76.3              | 76.5              | 77.0              | 77.5             |
| Manufacturing ex selected high-tech and motor vehicles and pts. |          | 71.73              | 80.2                  | 85.7                  | 69.6        | 85.9                  | 79.2                 | 83.8                  | 73.5        | 74.9         | 74.9         | 75.6              | 76.0              | 76.5              | 77.3             |

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

| Item   | NAICS    | Percent change        |                       |                       |                                  |      |      |      |                   | Capacity indexes<br>Percent of 1997 output |              |              |        |        |        |        |
|--|----------|-----------------------|-----------------------|-----------------------|----------------------------------|------|------|------|-------------------|--|--------------|--------------|--------|--------|--------|--------|
|  |          | Annual rate           |                       |                       | Fourth quarter to fourth quarter |      |      |      |                   | 2003<br>May                                | 2003<br>Dec. | 2004<br>Jan. | Feb.   | Mar.   | Apr.   | May    |
|  |          | 1972-<br>2004<br>Ave. | 1972-<br>1975<br>Ave. | 1975-<br>2004<br>Ave. | 2000                             | 2001 | 2002 | 2003 | 2004 <sup>P</sup> |  |              |              |        |        |        |        |
| <b>Total industry</b>  |          | 2.8                   | 1.3                   | 2.8                   | 4.1                              | 2.3  | 1.6  | 1.1  | 1.6               | 148.4                                      | 149.3        | 149.4        | 149.6  | 149.8  | 150.0  | 150.2  |
| STAGE-OF-PROCESS GROUPS  |          |                       |                       |                       |                                  |      |      |      |                   |  |              |              |        |        |        |        |
| Crude  |          | .4                    | .5                    | .3                    | -1.3                             | 1.2  | -.3  | -1.1 | -.1               | 110.6                                      | 110.0        | 109.9        | 109.9  | 109.9  | 109.9  | 110.0  |
| Primary and semifinished   |          | 3.0                   | 1.6                   | 3.0                   | 5.1                              | 2.8  | 1.8  | 1.8  | 2.3               | 152.3                                      | 153.8        | 154.1        | 154.3  | 154.6  | 154.9  | 155.3  |
| Finished   |          | 3.3                   | 1.4                   | 3.3                   | 4.3                              | 1.8  | 1.7  | .8   | 1.0               | 152.8                                      | 153.3        | 153.3        | 153.4  | 153.5  | 153.6  | 153.8  |
| INDUSTRY GROUPS  |          |                       |                       |                       |                                  |      |      |      |                   |  |              |              |        |        |        |        |
| <b>Manufacturing</b>   |          | 3.1                   | 1.4                   | 3.1                   | 4.8                              | 2.2  | 1.1  | 1.0  | 1.7               | 152.8                                      | 153.6        | 153.7        | 153.8  | 154.0  | 154.3  | 154.5  |
| <b>Manufacturing (NAICS)</b>                                     |          | 3.2                   | 1.4                   | 3.2                   | 5.2                              | 2.4  | 1.3  | 1.1  | 1.8               | 154.5                                      | 155.4        | 155.5        | 155.7  | 155.9  | 156.1  | 156.4  |
| <b>Durable manufacturing</b>                                     |          | 4.3                   | 1.4                   | 4.4                   | 8.3                              | 4.7  | 2.6  | 2.5  | 3.6               | 178.0                                      | 180.4        | 180.7        | 181.1  | 181.6  | 182.2  | 182.8  |
| Wood products  | 321      | 1.5                   | .7                    | 1.5                   | 2.3                              | 1.8  | -1.0 | -.5  | .1                | 133.9                                      | 133.7        | 133.7        | 133.7  | 133.7  | 133.7  | 133.7  |
| Nonmetallic mineral products                                     | 327      | 1.0                   | .5                    | 1.0                   | 2.8                              | 1.6  | -.1  | .0   | -.6               | 129.6                                      | 129.7        | 129.7        | 129.8  | 129.8  | 129.9  | 130.0  |
| Primary metal  | 331      | -.5                   | .3                    | -.7                   | -.3                              | -3.5 | -1.4 | .3   | -2.0              | 112.9                                      | 113.1        | 113.2        | 113.1  | 112.9  | 112.7  | 112.4  |
| Iron and steel products  | 3311,2   | -.9                   | -.1                   | -1.0                  | -.5                              | -5.8 | -.5  | .8   | -2.3              | 109.8                                      | 110.2        | 110.2        | 110.1  | 110.0  | 109.7  | 109.4  |
| Fabricated metal products  | 332      | 1.8                   | 1.4                   | 1.6                   | -.3                              | 2.0  | .5   | .5   | 1.4               | 139.3                                      | 139.8        | 139.9        | 140.0  | 140.2  | 140.4  | 140.5  |
| Machinery  | 333      | 1.8                   | 1.7                   | 1.5                   | 3.0                              | .4   | -1.2 | -1.0 | .0                | 128.3                                      | 127.6        | 127.5        | 127.4  | 127.4  | 127.4  | 127.4  |
| Computer and electronic products                                 | 334      | 15.9                  | 4.4                   | 16.7                  | 31.2                             | 17.7 | 13.1 | 9.2  | 14.4              | 409.8                                      | 428.5        | 431.2        | 434.8  | 439.2  | 444.4  | 450.0  |
| Computer and office equipment                                    | 3341     | 27.2                  | 13.5                  | 26.4                  | 30.9                             | .0   | 18.8 | 11.5 | 18.9              | 371.6                                      | 389.1        | 391.6        | 395.4  | 400.5  | 407.0  | 413.8  |
| Communications equipment   | 3342     | 8.8                   | 1.5                   | 9.6                   | 22.4                             | 18.8 | 15.1 | .5   | .2                | 306.5                                      | 303.5        | 302.9        | 302.6  | 302.5  | 302.6  | 302.8  |
| Semiconductor and related electronic components                  | 334412-9 | 25.6                  | 8.0                   | 26.5                  | 58.8                             | 42.9 | 18.7 | 18.6 | 34.7              | 951.2                                      | 1054.0       | 1070.1       | 1090.2 | 1115.1 | 1144.8 | 1176.3 |
| Electrical equipment, appliances, and components                 | 335      | 1.7                   | 1.3                   | 1.5                   | 2.6                              | -.6  | -1.3 | -.9  | -.2               | 127.1                                      | 126.4        | 126.3        | 126.3  | 126.3  | 126.3  | 126.4  |
| Transportation equipment   | 336      | 2.0                   | 1.0                   | 2.0                   | 1.0                              | 2.1  | .9   | 1.9  | 2.0               | 146.1                                      | 147.9        | 148.1        | 148.4  | 148.6  | 148.9  | 149.1  |
| Motor vehicles and parts   | 3361-3   | 2.8                   | 1.3                   | 2.8                   | 1.0                              | 2.6  | 2.0  | 3.2  | 3.3               | 145.0                                      | 147.9        | 148.3        | 148.8  | 149.2  | 149.6  | 150.0  |
| Autos and light trucks   | 33611    | 3.0                   | 1.6                   | 2.9                   | 3.7                              | 5.3  | 2.8  | 6.1  | 4.1               | 140.0                                      | 145.5        | 146.3        | 147.0  | 147.5  | 148.0  | 148.4  |
| Aerospace and miscellaneous transportation equipment             | 3364-9   | .9                    | .5                    | .8                    | .6                               | .6   | -.6  | -.1  | .2                | 147.8                                      | 147.7        | 147.6        | 147.6  | 147.6  | 147.7  | 147.7  |
| Furniture and related products                                   | 337      | 2.6                   | 1.8                   | 2.3                   | 3.0                              | 1.5  | .4   | -.1  | -.3               | 144.7                                      | 144.6        | 144.5        | 144.5  | 144.6  | 144.6  | 144.7  |
| Miscellaneous  | 339      | 2.8                   | 1.5                   | 2.7                   | 3.7                              | 3.7  | .3   | -.1  | -.3               | 152.8                                      | 152.9        | 152.9        | 152.8  | 152.8  | 152.8  | 152.7  |
| <b>Nondurable manufacturing</b>                                  |          | 1.8                   | 1.3                   | 1.6                   | .9                               | -.4  | -.4  | -.7  | -.5               | 127.1                                      | 126.6        | 126.5        | 126.4  | 126.4  | 126.3  | 126.3  |
| Food   | 311      | 1.9                   | 1.2                   | 1.8                   | 1.2                              | .2   | .0   | -.3  | -.4               | 133.8                                      | 133.5        | 133.4        | 133.4  | 133.3  | 133.3  | 133.2  |
| Beverage and tobacco products                                    | 312      | .2                    | .6                    | .1                    | -1.0                             | -2.0 | -2.2 | -2.3 | -3.2              | 109.5                                      | 108.1        | 107.9        | 107.7  | 107.4  | 107.1  | 106.8  |
| Textile mills  | 313      | .1                    | 1.1                   | -.2                   | -3.2                             | -4.3 | -4.1 | -4.9 | -5.8              | 99.8                                       | 96.8         | 96.3         | 95.9   | 95.4   | 94.9   | 94.4   |
| Textile product mills  | 314      | 1.7                   | .9                    | 1.7                   | 1.3                              | .6   | .2   | -.6  | -.4               | 124.4                                      | 123.8        | 123.7        | 123.7  | 123.6  | 123.6  | 123.6  |
| Apparel  | 315      | -1.0                  | .5                    | -1.3                  | -2.9                             | -3.9 | -5.6 | -8.8 | -7.2              | 99.2                                       | 93.8         | 93.0         | 92.3   | 91.7   | 91.2   | 90.7   |
| Leather and allied products                                      | 316      | -2.5                  | -.8                   | -2.6                  | .1                               | -4.7 | -5.3 | -5.8 | -5.8              | 107.5                                      | 103.7        | 103.2        | 102.7  | 102.1  | 101.6  | 101.1  |
| Paper  | 322      | 1.5                   | 1.4                   | 1.2                   | -.2                              | -1.7 | -2.1 | -1.2 | -.9               | 110.6                                      | 110.0        | 109.9        | 109.8  | 109.7  | 109.6  | 109.6  |
| Printing and support   | 323      | 2.7                   | 1.5                   | 2.6                   | -.3                              | -2.1 | -.2  | -1.3 | -2.1              | 124.2                                      | 123.0        | 122.8        | 122.6  | 122.4  | 122.2  | 122.0  |
| Petroleum and coal products                                      | 324      | 1.1                   | 2.6                   | .5                    | .2                               | .7   | .3   | 1.3  | -.1               | 114.7                                      | 115.8        | 116.0        | 116.1  | 116.1  | 116.1  | 116.0  |
| Chemical   | 325      | 2.5                   | 1.6                   | 2.3                   | 2.5                              | 1.4  | 1.4  | 1.1  | 1.8               | 144.0                                      | 144.9        | 145.1        | 145.2  | 145.4  | 145.7  | 145.9  |
| Plastics material and resin                                      | 325211   | 3.3                   | 2.6                   | 2.9                   | 1.5                              | .6   | .0   | .0   | .5                | 124.7                                      | 124.7        | 124.7        | 124.7  | 124.8  | 124.8  | 124.9  |
| Synthetic rubber   | 325212   | 1.5                   | 1.0                   | 1.3                   | .5                               | 2.6  | -1.3 | -.1  | .7                | 122.8                                      | 123.1        | 123.1        | 123.2  | 123.2  | 123.3  | 123.4  |
| Artificial and synthetic fibers and filaments                    | 32522    | .7                    | 6.3                   | -1.1                  | -3.8                             | -9.5 | -5.5 | -3.8 | -6.0              | 90.1                                       | 88.0         | 87.7         | 87.3   | 86.9   | 86.4   | 85.9   |
| Plastics and rubber products                                     | 326      | 3.5                   | 2.1                   | 3.3                   | 2.8                              | -1.0 | -.7  | -2.0 | -.5               | 129.7                                      | 127.8        | 127.6        | 127.4  | 127.3  | 127.3  | 127.3  |
| <b>Other manufacturing (non-NAICS)</b>                           |          | 1.5                   | 1.3                   | 1.3                   | -.3                              | -1.0 | -1.5 | -1.5 | -.7               | 127.8                                      | 126.8        | 126.7        | 126.6  | 126.5  | 126.4  | 126.4  |
| <b>Mining</b>  |          |                       |                       |                       |                                  |      |      |      |                   |  |              |              |        |        |        |        |
| Oil and gas extraction   | 211      | -.8                   | -1.2                  | -.6                   | -.1                              | 1.7  | .0   | -.3  | .0                | 105.3                                      | 105.1        | 105.1        | 105.1  | 105.1  | 105.1  | 105.1  |
| Mining (except oil and gas)                                      | 212      | 1.4                   | .7                    | 1.4                   | -.6                              | -.1  | .0   | -.2  | -.1               | 116.1                                      | 116.0        | 115.9        | 115.9  | 115.9  | 115.9  | 115.9  |
| Coal mining  | 2121     | 1.7                   | 1.1                   | 1.5                   | -.8                              | 1.7  | 1.3  | .0   | .0                | 117.9                                      | 117.8        | 117.8        | 117.8  | 117.8  | 117.8  | 117.8  |
| Metal mining   | 2122     | 1.3                   | .8                    | 1.2                   | -2.8                             | -4.4 | -3.9 | -1.7 | -.9               | 95.6                                       | 94.9         | 94.8         | 94.7   | 94.6   | 94.6   | 94.5   |
| Stone and earth minerals   | 2123     | .8                    | .0                    | .9                    | .5                               | -.3  | -.1  | .0   | .0                | 124.2                                      | 124.1        | 124.1        | 124.1  | 124.1  | 124.1  | 124.1  |
| Support activities for mining                                    | 213      | 1.2                   | 2.5                   | .6                    | .1                               | 5.5  | 1.2  | .7   | -.6               | 124.9                                      | 125.6        | 125.7        | 125.7  | 125.8  | 125.9  | 125.9  |
| <b>Utilities</b>   |          |                       |                       |                       |                                  |      |      |      |                   |  |              |              |        |        |        |        |
| Electric   | 2211,2   | 2.7                   | 2.6                   | 2.2                   | 2.5                              | 3.7  | 6.0  | 4.4  | 1.5               | 132.6                                      | 135.6        | 136.0        | 136.3  | 136.6  | 136.7  | 136.9  |
| Electric   | 2211     | 3.4                   | 3.7                   | 2.7                   | 2.8                              | 4.7  | 7.0  | 5.2  | 1.7               | 134.0                                      | 137.7        | 138.1        | 138.5  | 138.8  | 138.9  | 139.1  |
| Natural gas  | 2212     | .1                    | -.7                   | .3                    | -.3                              | -.1  | .1   | .1   | .1                | 123.4                                      | 123.5        | 123.5        | 123.5  | 123.5  | 123.5  | 123.5  |
| SPECIAL AGGREGATES   |          |                       |                       |                       |                                  |      |      |      |                   |  |              |              |        |        |        |        |
| Selected high-technology industries                              |          | 21.5                  | 6.8                   | 22.3                  | 42.3                             | 24.9 | 17.6 | 11.8 | 20.6              | 570.3                                      | 604.5        | 609.6        | 616.4  | 624.9  | 635.3  | 646.4  |
| Manufacturing ex. selected high-tech industries                  |          | 1.8                   | 1.2                   | 1.7                   | 1.2                              | .4   | -.1  | -.2  | .1                | 132.7                                      | 132.6        | 132.6        | 132.6  | 132.6  | 132.6  | 132.6  |
| Manufacturing ex. selected high-tech and motor vehicles and pts. |          | 1.7                   | 1.2                   | 1.5                   | 1.2                              | .2   | -.3  | -.5  | -.1               | 131.6                                      | 131.2        | 131.2        | 131.1  | 131.1  | 131.1  | 131.1  |



**Table 4**  
**ELECTRIC POWER USE: MANUFACTURING AND MINING**

| Item   | 2002 NAICS | 1997<br>Billion<br>KWH | Index, 1997 = 100   |       |              |                   |                   |                   |                         |       |              |                   |                   |                   |
|--|------------|------------------------|---------------------|-------|--------------|-------------------|-------------------|-------------------|-------------------------|-------|--------------|-------------------|-------------------|-------------------|
|  |            |                        | Seasonally adjusted |       |              |                   |                   |                   | Not seasonally adjusted |       |              |                   |                   |                   |
|  |            |                        | 2003<br>Nov.        | Dec.  | 2004<br>Jan. | Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>P</sup> | 2003<br>Nov.            | Dec.  | 2004<br>Jan. | Feb. <sup>r</sup> | Mar. <sup>r</sup> | Apr. <sup>P</sup> |
| <b>Total industry</b>                                    |            | 983.9                  | 91.7                | 91.9  | 91.0         | 91.5              | 92.2              | 91.7              | 91.2                    | 90.3  | 89.2         | 89.0              | 90.2              | 91.0              |
| <b>MAJOR INDUSTRY GROUPS</b>                             |            |                        |                     |       |              |                   |                   |                   |                         |       |              |                   |                   |                   |
| Manufacturing  |            | 890.9                  | 92.2                | 92.5  | 91.6         | 92.1              | 92.7              | 92.2              | 91.6                    | 90.6  | 89.5         | 89.4              | 90.6              | 91.5              |
| Manufacturing (NAICS)                                    |            | 884.9                  | 92.2                | 92.5  | 91.6         | 92.1              | 92.7              | 92.2              | 91.7                    | 90.6  | 89.5         | 89.4              | 90.6              | 91.6              |
| Durable manufacturing                                    |            | 386.5                  | 91.6                | 92.7  | 91.8         | 91.8              | 91.9              | 91.7              | 90.0                    | 89.4  | 88.9         | 89.5              | 90.6              | 91.0              |
| Nondurable manufacturing                                 |            | 498.4                  | 92.6                | 92.4  | 91.5         | 92.3              | 93.4              | 92.7              | 92.9                    | 91.6  | 90.0         | 89.4              | 90.7              | 92.0              |
| Other manufacturing (non-NAICS)                          |            | 5.9                    | 92.9                | 92.0  | 89.6         | 90.4              | 90.7              | 88.0              | 90.8                    | 89.6  | 86.5         | 83.3              | 83.6              | 84.0              |
| Mining   | 21         | 93.0                   | 84.1                | 83.6  | 82.6         | 84.0              | 85.2              | 84.7              | 85.3                    | 85.3  | 85.4         | 84.2              | 84.1              | 84.1              |
| <b>INDUSTRY GROUPS AND SERIES</b>                        |            |                        |                     |       |              |                   |                   |                   |                         |       |              |                   |                   |                   |
| Oil and gas extraction                                   | 211        | 32.8                   | 75.1                | 72.5  | 71.0         | 75.8              | 76.4              | 75.4              | 74.3                    | 72.7  | 74.0         | 75.0              | 75.0              | 72.3              |
| Mining (except oil and gas)                              | 212        | 45.6                   | 88.3                | 89.1  | 88.2         | 87.9              | 89.4              | 89.2              | 90.7                    | 91.6  | 90.8         | 88.6              | 88.6              | 90.1              |
| Support activities for mining                            | 213        | 1.8                    | 99.6                | 94.7  | 96.0         | 97.4              | 97.1              | 95.7              | 95.8                    | 92.8  | 100.3        | 95.2              | 92.7              | 91.5              |
| Food   | 311        | 60.6                   | 109.0               | 110.3 | 109.1        | 110.2             | 111.5             | 109.8             | 109.3                   | 107.3 | 105.3        | 104.0             | 104.8             | 106.2             |
| Beverage and tobacco products                            | 312        | 7.6                    | 121.3               | 121.6 | 124.1        | 122.3             | 121.9             | 120.4             | 119.3                   | 114.4 | 112.4        | 108.5             | 110.5             | 112.2             |
| Textile mills  | 313        | 28.5                   | 72.7                | 74.5  | 70.8         | 67.3              | 72.9              | 70.4              | 71.7                    | 69.4  | 61.8         | 64.3              | 68.8              | 68.7              |
| Textile product mills                                    | 314        | 4.8                    | 89.9                | 89.7  | 86.5         | 84.9              | 87.4              | 85.7              | 86.9                    | 83.9  | 78.4         | 82.0              | 84.7              | 85.4              |
| Apparel  | 315        | 7.1                    | 72.3                | 73.7  | 72.3         | 70.3              | 71.2              | 70.4              | 68.9                    | 66.9  | 64.4         | 66.2              | 66.8              | 67.3              |
| Leather and allied products                              | 316        | .9                     | 78.1                | 78.2  | 75.8         | 74.9              | 76.1              | 72.7              | 75.6                    | 75.2  | 73.3         | 73.9              | 73.7              | 71.7              |
| Wood products  | 321        | 21.9                   | 93.7                | 91.6  | 92.5         | 92.0              | 93.3              | 91.4              | 91.6                    | 89.0  | 89.9         | 93.1              | 93.9              | 93.0              |
| Paper  | 322        | 109.5                  | 94.4                | 92.3  | 94.7         | 94.3              | 94.7              | 95.6              | 94.6                    | 92.9  | 94.8         | 91.1              | 93.3              | 93.8              |
| Printing and support                                     | 323        | 14.3                   | 93.2                | 93.2  | 93.6         | 92.8              | 94.9              | 93.4              | 91.1                    | 87.7  | 87.6         | 85.0              | 86.4              | 88.1              |
| Petroleum and coal products                              | 324        | 49.1                   | 107.3               | 107.8 | 105.2        | 109.3             | 111.4             | 108.5             | 105.8                   | 108.0 | 105.8        | 103.5             | 105.7             | 107.5             |
| Chemical   | 325        | 166.1                  | 82.7                | 82.0  | 80.9         | 82.8              | 82.9              | 82.8              | 84.3                    | 83.3  | 82.4         | 82.4              | 82.7              | 84.1              |
| Plastics and rubber products                             | 326        | 49.9                   | 107.5               | 108.0 | 106.9        | 104.6             | 106.1             | 106.0             | 107.1                   | 103.3 | 98.7         | 101.7             | 102.5             | 105.8             |
| Nonmetallic mineral products                             | 327        | 37.6                   | 100.2               | 98.3  | 99.1         | 97.9              | 98.9              | 98.9              | 101.8                   | 97.4  | 94.7         | 92.1              | 92.6              | 96.8              |
| Primary metal  | 331        | 132.6                  | 84.2                | 88.2  | 85.8         | 86.6              | 86.0              | 85.7              | 82.6                    | 85.9  | 86.1         | 85.5              | 87.7              | 86.9              |
| Fabricated metal products                                | 332        | 41.5                   | 99.8                | 100.1 | 100.6        | 100.7             | 103.0             | 102.8             | 98.3                    | 95.9  | 95.5         | 99.1              | 100.5             | 101.2             |
| Machinery  | 333        | 26.9                   | 91.7                | 89.6  | 90.1         | 89.9              | 90.7              | 90.4              | 89.1                    | 84.7  | 86.0         | 87.3              | 87.4              | 87.6              |
| Computer and electronic products                         | 334        | 37.8                   | 88.6                | 88.5  | 86.8         | 87.9              | 87.3              | 87.0              | 85.2                    | 83.9  | 82.8         | 83.1              | 84.7              | 85.5              |
| Electrical equipment, appliances,<br>and components      | 335        | 16.4                   | 87.3                | 87.0  | 86.7         | 86.5              | 86.8              | 87.6              | 85.9                    | 83.4  | 82.8         | 84.3              | 84.0              | 86.2              |
| Transportation equipment                                 | 336        | 53.2                   | 98.1                | 98.5  | 98.1         | 96.4              | 95.8              | 95.9              | 96.2                    | 93.6  | 92.7         | 94.1              | 93.9              | 94.0              |
| Furniture and related products                           | 337        | 8.4                    | 91.7                | 90.9  | 91.8         | 92.0              | 91.9              | 92.9              | 89.7                    | 87.9  | 87.1         | 91.7              | 90.4              | 92.3              |
| Miscellaneous  | 339        | 10.1                   | 103.4               | 103.9 | 101.9        | 104.1             | 103.5             | 102.8             | 99.5                    | 98.4  | 96.6         | 98.7              | 98.5              | 99.9              |
| Logging  | 1133       | .3                     | 46.8                | 47.7  | 47.3         | 47.3              | 44.3              | 41.8              | 44.4                    | 46.5  | 46.9         | 48.4              | 47.0              | 46.0              |
| Newspaper, periodical, book,<br>and directory publishers | 5111       | 5.7                    | 94.7                | 93.6  | 91.2         | 92.0              | 92.5              | 89.8              | 92.5                    | 91.2  | 87.9         | 84.5              | 84.9              | 85.4              |
| <b>SUPPLEMENTARY GROUPS</b>                              |            |                        |                     |       |              |                   |                   |                   |                         |       |              |                   |                   |                   |
| Total ex. nuclear nondefense                             |            | 962.6                  | 92.7                | 93.1  | 92.0         | 92.7              | 93.4              | 92.6              | 91.8                    | 90.7  | 89.6         | 89.6              | 90.8              | 91.5              |
| Utility sales to industry                                |            | 913.5                  | 89.3                | 89.3  | 88.5         | 89.2              | 89.9              | 89.5              | 88.9                    | 87.5  | 86.4         | 87.1              | 88.1              | 89.4              |
| Industrial generation                                    |            | 70.4                   | 130.2               | 130.6 | 129.2        | 124.8             | 122.1             | 121.8             | 127.8                   | 133.8 | 134.5        | 120.7             | 123.6             | 117.8             |

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