

FEDERAL RESERVE statistical release



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INDUSTRIAL PRODUCTION AND CAPACITY UTILIZATION

Industrial production rose 1.2 percent in February after having fallen 0.4 percent in January; part of the gain reflects a bounceback from the temporary disruptions caused by the blizzard that hit the East Coast in early January. The level of total output in February was 0.8 percent higher than in December, with the improvement concentrated mainly in business equipment and in related durable goods materials; the recovery of aircraft and parts production after the settlement of a strike at a major manufacturer in mid-December accounted for nearly one-third of the overall growth in total industrial output since the end of last year. Among other major market groups, the levels of production of consumer goods and construction supplies were about the same as in December, while the output of materials other than durables declined, on balance, over the past two months. At 123.7 percent of its 1987 average, industrial production in February was up 1.6 percent from February 1995. Capacity utilization rose 0.8 percentage point in February, to 82.9 percent.

(over)

INDUSTRIAL PRODUCTION AND CAPACITY UTILIZATION: SUMMARY

Seasonally adjusted

| | Index, 1987=100 | | | | Percent change | | | | Feb. 95 to Feb. 96 |
|-------------------------------|---------------------------|-------------------|---------------------------|-------------------|---------------------------|-------------------|---------------------------|-------------------|-----------------------|
| | 1995 Nov. ^f | Dec. ^f | 1996 Jan. ^f | Feb. ^p | 1995 Nov. ^f | Dec. ^f | 1996 Jan. ^f | Feb. ^p | |
| Industrial Production | | | | | | | | | |
| Total index | 122.6 | 122.7 | 122.1 | 123.7 | .3 | .1 | -.4 | 1.2 | 1.6 |
| Previous estimates | 122.4 | 122.6 | 121.9 | | .2 | .2 | -.6 | | |
| Major market groups: | | | | | | | | | |
| Products, total | 118.8 | 118.9 | 118.4 | 120.0 | .4 | .1 | -.5 | 1.4 | 1.5 |
| Consumer goods | 115.9 | 115.2 | 113.7 | 115.1 | .9 | -.6 | -1.3 | 1.2 | .2 |
| Business equipment | 156.9 | 158.2 | 160.7 | 163.8 | .2 | .9 | 1.6 | 1.9 | 6.2 |
| Construction supplies | 108.7 | 110.4 | 108.0 | 110.5 | .3 | 1.6 | -2.2 | 2.3 | .9 |
| Materials | 128.4 | 128.4 | 128.0 | 129.3 | .3 | .0 | -.3 | 1.0 | 1.8 |
| Major industry groups: | | | | | | | | | |
| Manufacturing | 124.5 | 124.7 | 124.3 | 126.1 | .1 | .2 | -.3 | 1.4 | 1.7 |
| Durable | 134.3 | 134.8 | 134.6 | 137.2 | .6 | .4 | -.2 | 1.9 | 3.9 |
| Nondurable | 113.7 | 113.5 | 112.9 | 113.8 | -.5 | -.2 | -.6 | .8 | -.9 |
| Mining | 98.3 | 97.8 | 97.3 | 98.8 | .1 | -.6 | -.4 | 1.5 | -2.0 |
| Utilities | 125.4 | 124.7 | 123.2 | 121.8 | 3.1 | -.6 | -1.1 | -1.2 | 2.7 |
| | Percent of Capacity | | | | | | | | Capacity growth |
| Capacity Utilization | Average 1967-95 | 1982 Low | 1988-89 High | 1995 Feb. | 1995 Nov. ^f | Dec. ^f | 1996 Jan. ^f | Feb. ^p | Feb. 95 to Feb. 96 |
| Total industry | 82.1 | 71.8 | 84.9 | 84.7 | 82.9 | 82.7 | 82.1 | 82.9 | 3.9 |
| Previous estimates | | | | | 82.8 | 82.7 | 81.9 | | |
| Manufacturing | 81.4 | 70.0 | 85.2 | 84.2 | 81.9 | 81.8 | 81.2 | 82.1 | 4.3 |
| Advanced processing | 80.7 | 71.4 | 83.5 | 82.0 | 80.3 | 80.1 | 79.6 | 80.6 | 4.9 |
| Primary processing | 82.6 | 66.8 | 89.0 | 89.3 | 85.9 | 85.7 | 84.9 | 85.7 | 2.8 |
| Mining | 87.4 | 80.6 | 86.5 | 90.0 | 87.7 | 87.2 | 86.8 | 88.1 | .1 |
| Utilities | 86.9 | 76.2 | 92.6 | 88.2 | 92.5 | 91.9 | 90.7 | 89.6 | 1.1 |

Market Groups

The production of consumer goods rebounded 1.2 percent after having dropped by a similar amount in January. The output of durable consumer goods rose 3.7 percent but remained below its December level, as the pickup in production of goods for the home, such as appliances, did not fully reverse its drop in January. The production of motor vehicles was about 1 percent higher than in December. The output of nondurable consumer goods rose 0.6 percent, to a level a bit higher than in December. The production of consumer chemicals and food exceeded their December levels. The output of business equipment rose sharply in both January and February, reflecting, in part, the increase in aircraft production. The output of information processing equipment remained strong, and the production of industrial equipment, which had been sluggish since last summer, picked up.

The output of construction supplies increased more than 2 percent, returning to the high level at the end of last year. The production of materials rose sharply, more than reversing the loss in January. The output of durable materials rose 1.5 percent after having posted a small gain in January. February's gain in the production of durable materials mainly reflected increases in parts and components for equipment, particularly those used in information processing equipment and in aircraft; the output of basic metals also rose sharply. The production of nondurable materials rose 0.9 percent but remained 0.7 percent below its level in December. The output of energy materials was about unchanged.

Industry Groups

Manufacturing output rose 1.4 percent in February and was more than 1 percent higher than in December. The strength since the end of last year has been primarily concentrated in durables; in addition to the rebound in the production of aircraft and parts, noticeable growth occurred in primary metals, industrial machinery and equipment, electrical machinery, instruments, and stone, clay, and glass products. The level of output of nondurables was just slightly higher than in December; the food and petroleum industries showed the most notable improvements, while the output of apparel fell. The output of mining rose 1.5 percent in February, with a rebound in coal mining accounting for nearly half of the gain. The output at utilities fell 1.2 percent, its third successive monthly decline.

Capacity utilization in manufacturing rose 0.9 percentage point, to 82.1 percent, the same as it was in October. Utilization in the advanced-processing industries rose 1.0 percentage point, to 80.6 percent, its highest level since last September. Among the primary-processing industries, utilization rose 0.8 percentage point, to 85.7 percent, the same as it was in December. The rate of factory utilization increased for all major manufacturing industries except chemicals. The operating rate in mining advanced 1.3 percentage points, to 88.1 percent, while the rate at utilities declined 1.1 percentage points, to 89.6 percent.

INDUSTRIAL PRODUCTION AND CAPACITY UTILIZATION

Seasonally adjusted

February data

Industrial production indexes

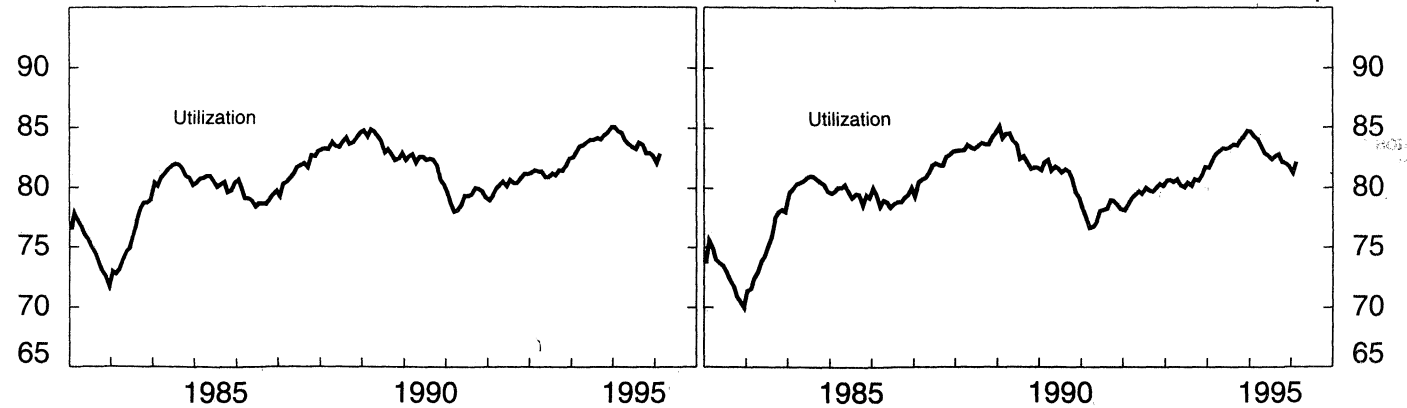
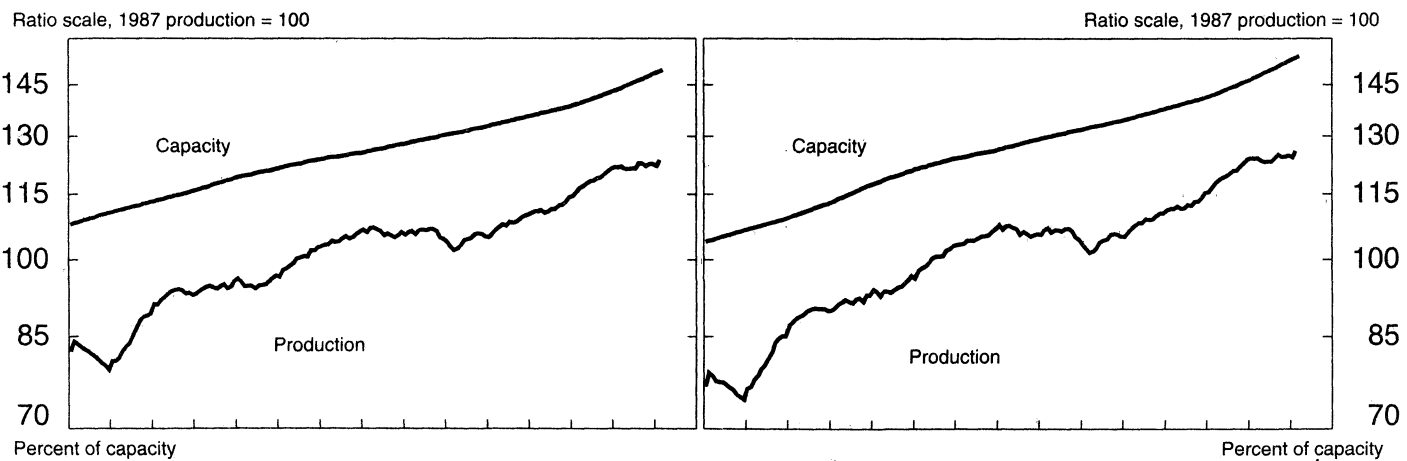
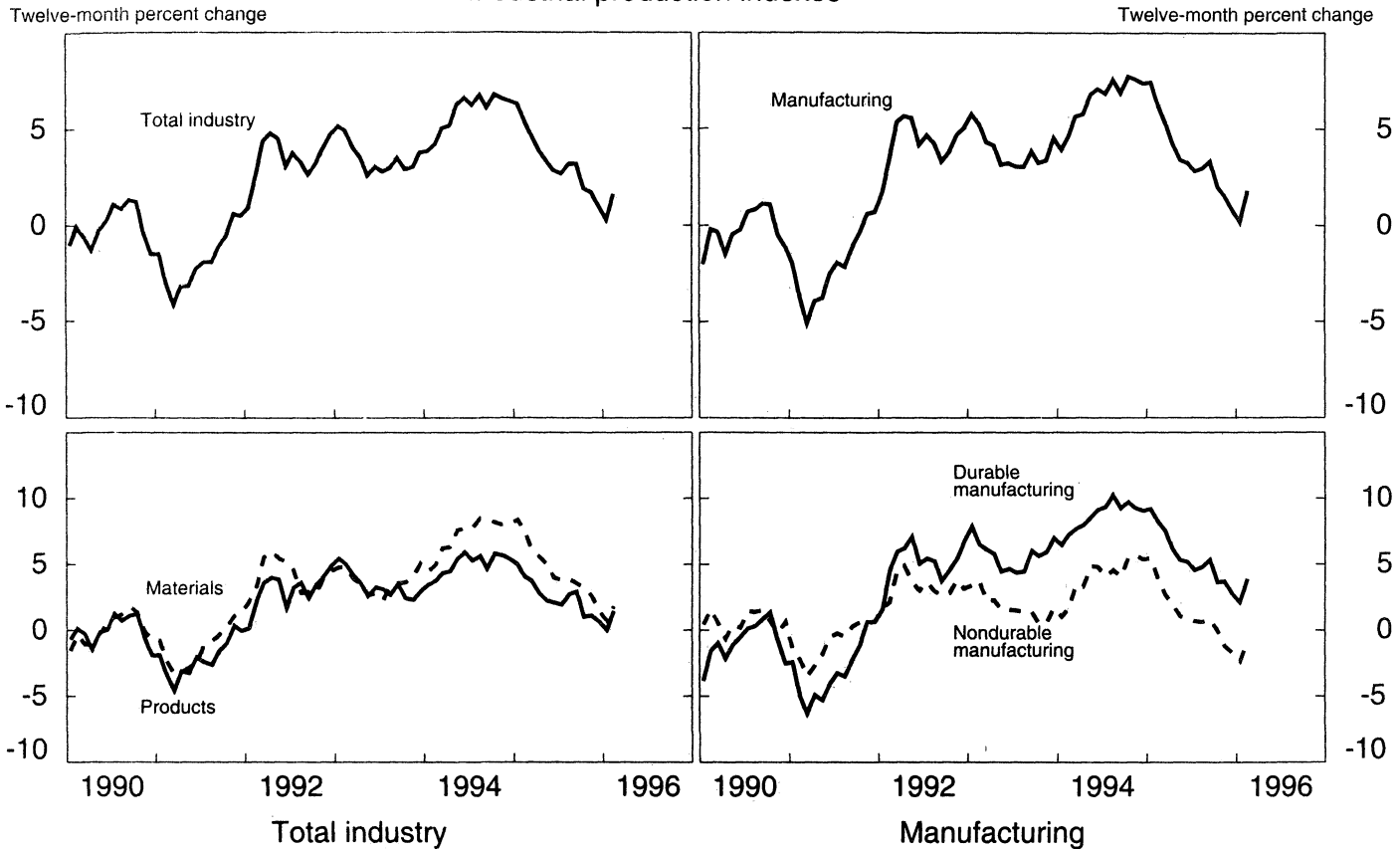


Table 1A
INDUSTRIAL PRODUCTION: MARKET GROUPS

| Item | 1992 | | Index, 1987=100 | | | | | | | | | | | |
|--------------------------------------|--------------------------|-------|---------------------|-------|-------------------|-------------------|------------------------|-------------------|-------------------------|-------|-------------------|-------------------|------------------------|-------------------|
| | Value added ¹ | Index | Seasonally Adjusted | | | | | | Not seasonally adjusted | | | | | |
| | | | 1995 Sept. | Oct. | Nov. ^f | Dec. ^r | 1996 Jan. ^r | Feb. ^p | 1995 Sept. | Oct. | Nov. ^r | Dec. ^r | 1996 Jan. ^r | Feb. ^p |
| Total index | 100.0 | 107.7 | 122.8 | 122.2 | 122.6 | 122.7 | 122.1 | 123.7 | 126.0 | 123.5 | 121.5 | 120.8 | 120.7 | 123.3 |
| Products, total | 60.6 | 106.4 | 119.4 | 118.3 | 118.8 | 118.9 | 118.4 | 120.0 | 124.0 | 120.5 | 117.3 | 116.4 | 116.2 | 118.9 |
| Final products | 46.3 | 108.7 | 122.6 | 121.3 | 121.9 | 121.8 | 121.4 | 123.3 | 127.3 | 123.6 | 120.5 | 119.4 | 119.6 | 122.8 |
| Consumer goods | 28.6 | 106.0 | 116.0 | 114.9 | 115.9 | 115.2 | 113.7 | 115.1 | 121.0 | 117.3 | 114.0 | 112.0 | 113.0 | 115.1 |
| Durable | 5.6 | 103.0 | 125.8 | 123.4 | 124.9 | 126.2 | 120.1 | 124.6 | 129.7 | 132.2 | 124.3 | 116.8 | 115.8 | 128.9 |
| Automotive products | 2.5 | 100.9 | 132.9 | 128.5 | 130.5 | 132.8 | 125.4 | 132.6 | 138.0 | 141.4 | 129.3 | 118.5 | 119.3 | 140.4 |
| Autos and trucks | 1.6 | 97.1 | 133.1 | 128.6 | 129.8 | 132.1 | 123.9 | 133.4 | 138.5 | 145.1 | 129.9 | 114.3 | 116.5 | 145.2 |
| Autos | .9 | 80.9 | 102.6 | 100.2 | 100.2 | 99.5 | 92.8 | 99.9 | 105.6 | 112.5 | 100.6 | 88.8 | 88.0 | 110.4 |
| Trucks | .7 | 125.2 | 187.7 | 179.1 | 182.8 | 190.6 | 179.9 | 193.6 | 197.6 | 203.3 | 182.1 | 159.9 | 167.8 | 207.6 |
| Auto parts and allied goods | .9 | 107.3 | 130.8 | 126.7 | 130.2 | 132.7 | 127.0 | 129.4 | 135.2 | 132.1 | 126.5 | 125.3 | 123.5 | 129.0 |
| Other durable goods | 3.0 | 104.9 | 119.6 | 118.9 | 119.9 | 120.4 | 115.5 | 117.5 | 122.4 | 124.1 | 120.0 | 115.4 | 112.7 | 118.9 |
| Appliances, TVs, and air-cond. | .7 | 110.4 | 139.4 | 140.1 | 145.3 | 141.9 | 130.6 | 134.6 | 142.0 | 149.4 | 142.4 | 125.0 | 127.8 | 142.5 |
| Carpeting and furniture | .8 | 97.1 | 106.9 | 105.6 | 104.1 | 107.1 | 102.2 | 104.3 | 110.5 | 109.6 | 99.6 | 100.2 | 100.0 | 106.1 |
| Miscellaneous | 1.5 | 106.8 | 117.8 | 116.9 | 117.6 | 118.3 | 116.4 | 117.5 | 120.2 | 121.1 | 122.0 | 119.9 | 113.2 | 115.4 |
| Nondurable | 23.0 | 106.9 | 113.7 | 112.9 | 113.8 | 112.6 | 112.2 | 112.9 | 118.9 | 113.7 | 111.5 | 110.9 | 112.4 | 111.8 |
| Foods and tobacco | 10.3 | 105.4 | 111.6 | 111.1 | 110.9 | 110.2 | 110.0 | 111.0 | 119.9 | 117.3 | 109.9 | 104.0 | 104.8 | 106.2 |
| Clothing | 2.4 | 96.2 | 93.4 | 92.9 | 91.5 | 89.9 | 88.0 | 90.2 | 97.9 | 94.9 | 91.1 | 87.3 | 82.1 | 87.6 |
| Chemical products | 4.5 | 119.6 | 134.0 | 135.7 | 135.0 | 135.4 | 135.8 | 136.0 | 148.3 | 136.2 | 129.0 | 127.2 | 126.7 | 126.7 |
| Paper products | 2.9 | 103.8 | 107.3 | 106.6 | 108.4 | 105.9 | 105.0 | 104.8 | 107.3 | 104.6 | 108.0 | 106.6 | 104.4 | 105.7 |
| Energy products | 2.9 | 108.2 | 119.0 | 113.1 | 121.1 | 118.0 | 117.5 | 117.2 | 106.2 | 96.6 | 115.9 | 140.0 | 156.7 | 140.2 |
| Fuels | .9 | 104.6 | 111.4 | 107.3 | 108.2 | 108.6 | 109.4 | 113.0 | 112.7 | 108.2 | 112.1 | 113.5 | 107.1 | 107.7 |
| Utilities | 2.1 | 109.6 | 122.2 | 115.4 | 126.6 | 121.9 | 120.9 | 118.8 | 103.2 | 91.4 | 117.4 | 151.4 | 178.2 | 154.2 |
| Equipment, total | 17.7 | 112.5 | 133.1 | 131.5 | 131.4 | 132.2 | 133.9 | 136.4 | 137.4 | 133.6 | 130.8 | 131.3 | 130.0 | 135.2 |
| Business equipment | 13.7 | 123.4 | 158.2 | 156.5 | 156.9 | 158.2 | 160.7 | 163.8 | 163.7 | 158.8 | 155.0 | 156.1 | 155.2 | 162.5 |
| Information processing & related | 5.7 | 137.8 | 203.0 | 206.5 | 208.1 | 209.7 | 213.5 | 218.7 | 211.3 | 209.3 | 204.8 | 209.0 | 204.7 | 213.4 |
| Computer and office | 1.4 | 172.6 | 390.0 | 402.9 | 417.8 | 431.6 | 446.2 | 458.7 | 407.1 | 411.1 | 399.5 | 425.6 | 418.4 | 449.6 |
| Industrial | 4.0 | 105.7 | 128.7 | 128.6 | 129.1 | 129.1 | 129.3 | 130.4 | 133.6 | 128.8 | 128.3 | 128.1 | 125.2 | 128.9 |
| Transit | 2.6 | 135.8 | 137.9 | 122.3 | 119.6 | 124.1 | 130.0 | 133.9 | 140.6 | 129.5 | 118.4 | 114.6 | 126.2 | 140.4 |
| Autos and trucks | 1.2 | 112.9 | 143.3 | 135.7 | 134.2 | 135.3 | 129.0 | 136.0 | 146.6 | 149.6 | 132.9 | 117.4 | 123.5 | 148.6 |
| Other | 1.4 | 103.3 | 123.3 | 120.9 | 121.4 | 121.7 | 121.8 | 122.6 | 125.7 | 120.3 | 120.0 | 122.0 | 120.2 | 123.0 |
| Defense and space equipment | 3.3 | 84.8 | 65.2 | 64.4 | 62.9 | 62.0 | 61.6 | 61.8 | 65.5 | 64.3 | 64.0 | 64.0 | 62.2 | 61.8 |
| Oil and gas well drilling | .6 | 79.9 | 88.3 | 83.5 | 83.1 | 83.8 | 85.1 | 89.7 | 92.6 | 92.2 | 93.8 | 92.9 | 86.5 | 85.7 |
| Manufactured homes | .2 | 94.2 | 158.0 | 158.9 | 161.8 | 164.4 | 158.1 | 166.0 | 166.4 | 175.9 | 157.9 | 135.8 | 140.0 | 161.8 |
| Intermediate products | 14.3 | 99.3 | 109.5 | 109.2 | 109.3 | 110.1 | 109.0 | 110.1 | 114.0 | 110.9 | 107.6 | 107.4 | 106.1 | 106.9 |
| Construction supplies | 5.3 | 95.2 | 108.4 | 108.3 | 108.7 | 110.4 | 108.0 | 110.5 | 112.9 | 111.8 | 107.3 | 104.9 | 101.4 | 105.5 |
| Business supplies | 9.0 | 102.0 | 110.3 | 109.9 | 109.9 | 110.1 | 109.8 | 110.0 | 114.8 | 110.4 | 108.0 | 109.1 | 109.3 | 108.0 |
| Materials | 39.4 | 109.7 | 128.1 | 128.1 | 128.4 | 128.4 | 128.0 | 129.3 | 129.0 | 128.2 | 128.0 | 127.6 | 127.6 | 130.2 |
| Durable | 20.8 | 112.8 | 144.1 | 143.9 | 145.3 | 144.9 | 145.2 | 147.4 | 146.3 | 145.0 | 145.1 | 144.5 | 142.3 | 147.2 |
| Consumer parts | 4.0 | 107.4 | 139.8 | 138.6 | 140.1 | 139.2 | 139.6 | 140.1 | 142.0 | 140.7 | 139.8 | 136.9 | 135.8 | 141.7 |
| Equipment parts | 7.5 | 120.9 | 169.1 | 169.4 | 171.0 | 170.9 | 171.2 | 175.7 | 169.9 | 169.7 | 171.7 | 174.2 | 170.6 | 175.3 |
| Other | 9.2 | 108.4 | 126.8 | 126.5 | 127.9 | 127.5 | 127.7 | 129.0 | 130.0 | 127.9 | 127.1 | 125.1 | 123.6 | 128.0 |
| Basic metals | 3.1 | 110.0 | 127.0 | 124.3 | 128.1 | 127.0 | 126.9 | 129.5 | 128.0 | 123.8 | 127.2 | 125.1 | 125.8 | 131.9 |
| Nondurable | 8.9 | 110.1 | 117.8 | 118.7 | 116.6 | 117.3 | 115.6 | 116.6 | 118.8 | 120.8 | 116.4 | 112.4 | 115.2 | 117.5 |
| Textile | 1.1 | 100.5 | 106.2 | 107.3 | 104.8 | 103.1 | 99.2 | 103.9 | 106.5 | 109.5 | 104.1 | 94.8 | 99.6 | 105.6 |
| Paper | 1.8 | 110.8 | 117.0 | 121.4 | 114.3 | 115.0 | 113.3 | 113.5 | 117.6 | 121.2 | 115.1 | 111.4 | 115.5 | 116.0 |
| Chemical | 3.9 | 112.7 | 123.3 | 122.9 | 122.7 | 122.0 | 121.7 | 122.1 | 124.2 | 122.9 | 122.2 | 118.7 | 120.3 | 123.9 |
| Other | 2.1 | 109.9 | 115.1 | 114.6 | 114.1 | 118.8 | 115.4 | 116.1 | 116.6 | 122.8 | 113.9 | 111.7 | 114.4 | 113.7 |
| Energy | 9.7 | 103.7 | 105.8 | 105.5 | 105.7 | 105.9 | 105.1 | 105.0 | 104.0 | 102.0 | 104.7 | 107.7 | 109.5 | 108.1 |
| Primary | 6.3 | 100.5 | 101.2 | 101.7 | 100.8 | 100.4 | 99.7 | 100.1 | 99.5 | 98.5 | 100.5 | 101.9 | 102.8 | 103.1 |
| Converted fuel | 3.3 | 110.1 | 115.0 | 113.1 | 115.4 | 116.8 | 116.1 | 115.0 | 112.9 | 108.9 | 112.8 | 119.5 | 123.0 | 118.0 |
| SPECIAL AGGREGATES | | | | | | | | | | | | | | |
| Total excluding: | | | | | | | | | | | | | | |
| Autos and trucks | 97.2 | 107.8 | 122.4 | 121.9 | 122.3 | 122.3 | 122.0 | 123.3 | 125.5 | 122.8 | 121.2 | 121.0 | 120.7 | 122.6 |
| Motor vehicles and parts | 95.2 | 107.7 | 121.8 | 121.3 | 121.7 | 121.7 | 121.5 | 122.8 | 125.0 | 122.2 | 120.6 | 120.3 | 120.1 | 122.0 |
| Computer and office equipment | 98.2 | 106.2 | 118.9 | 118.1 | 118.4 | 118.3 | 117.6 | 119.0 | 121.9 | 119.4 | 117.5 | 116.5 | 116.5 | 118.8 |
| Consumer goods excluding: | | | | | | | | | | | | | | |
| Autos and trucks | 27.0 | 106.7 | 114.9 | 114.0 | 115.0 | 114.1 | 113.1 | 113.9 | 119.8 | 115.5 | 113.0 | 111.9 | 112.8 | 113.2 |
| Energy | 25.7 | 105.8 | 115.7 | 115.1 | 115.3 | 114.9 | 113.3 | 114.9 | 122.6 | 119.6 | 113.8 | 108.9 | 108.1 | 112.3 |
| Business equipment excluding: | | | | | | | | | | | | | | |
| Autos and trucks | 12.5 | 124.3 | 159.5 | 158.4 | 159.0 | 160.4 | 163.8 | 166.5 | 165.2 | 159.5 | 157.0 | 159.8 | 158.3 | 163.7 |
| Computer and office equipment | 12.2 | 115.1 | 134.3 | 131.6 | 130.8 | 131.1 | 132.6 | 134.8 | 138.8 | 133.3 | 130.2 | 129.3 | 129.0 | 134.2 |
| Materials excluding: | | | | | | | | | | | | | | |
| Energy | 29.7 | 111.9 | 136.1 | 136.2 | 136.6 | 136.5 | 136.2 | 138.0 | 137.9 | 137.6 | 136.4 | 134.7 | 134.1 | 138.1 |

1. Proportion as a share of the value added for the total index.

Table 1B
INDUSTRIAL PRODUCTION: MARKET GROUPS

Percent change

| Item | 1994 Q4 to 1995 Q4 | Seasonally adjusted annual rate | | | | Seasonally adjusted | | | | Not seasonally adjusted | | | | Feb. 95 to Feb. 96 |
|--------------------------------------|--------------------------|------------------------------------|-------|-------|-----------------|---------------------|-------------------|-------------------|-------------------|-------------------------|-------------------|-------------------|-------------------|--------------------------|
| | | 1995 | Q2 | Q3 | Q4 ^r | 1995 | Dec. ^r | 1996 | Feb. ^p | 1995 | Dec. ^r | 1996 | Feb. ^p | |
| | | Q1 | | | | Nov. ^r | | Jan. ^r | | Nov. ^r | | Jan. ^r | | |
| Total index | 1.5 | 3.9 | -1.4 | 3.2 | .4 | .3 | .1 | -.4 | 1.2 | -1.6 | -.6 | -.1 | 2.2 | 1.6 |
| Products, total | .9 | 2.6 | -2.1 | 3.9 | -.7 | .4 | .1 | -.5 | 1.4 | -2.6 | -.7 | -.2 | 2.3 | 1.5 |
| Final products | 1.2 | 3.8 | -1.5 | 4.1 | -1.3 | .5 | -.1 | -.3 | 1.5 | -2.5 | -.9 | .1 | 2.7 | 1.7 |
| Consumer goods | .4 | 1.2 | -2.7 | 3.8 | -.6 | .9 | -.6 | -1.3 | 1.2 | -2.8 | -1.7 | .9 | 1.9 | .2 |
| Durable | -.9 | 2.6 | -11.8 | 2.7 | 3.6 | 1.2 | 1.1 | -4.8 | 3.7 | -5.9 | -6.1 | -.9 | 11.3 | -2.2 |
| Automotive products | -1.1 | 8.1 | -15.1 | 1.0 | 3.1 | 1.6 | 1.8 | -5.6 | 5.7 | -8.6 | -8.4 | .7 | 17.6 | -2.0 |
| Autos and trucks | -2.3 | 13.3 | -20.2 | -.6 | 1.6 | 1.0 | 1.7 | -6.2 | 7.6 | -10.5 | -12.0 | 2.0 | 24.6 | -3.5 |
| Autos | -6.0 | 20.3 | -31.3 | .0 | -5.4 | .0 | -.7 | -6.7 | 7.6 | -10.5 | -11.8 | -.8 | 25.5 | -10.4 |
| Trucks | 1.9 | 5.6 | -5.5 | -1.3 | 9.7 | 2.0 | 4.3 | -5.6 | 7.6 | -10.4 | -12.2 | 4.9 | 23.8 | 4.6 |
| Auto parts and allied goods | 1.2 | -2.1 | -3.3 | 4.6 | 6.0 | 2.8 | 1.9 | -4.3 | 1.9 | -4.3 | -.9 | -1.5 | 4.4 | 1.2 |
| Other durable goods | -.8 | -2.5 | -8.4 | 4.3 | 4.1 | .9 | .4 | -4.1 | 1.8 | -3.3 | -3.9 | -2.3 | 5.5 | -2.4 |
| Appliances, TVs, and air-cond. | 5.1 | -1.3 | -10.4 | 14.2 | 20.9 | 3.7 | -2.3 | -8.0 | 3.1 | -4.6 | -12.2 | 2.2 | 11.6 | -.3 |
| Carpeting and furniture | -3.7 | -9.9 | -8.3 | 6.8 | -2.7 | -1.4 | 2.9 | -4.6 | 2.0 | -9.1 | .7 | -.2 | 6.0 | -3.7 |
| Miscellaneous | -2.1 | 1.3 | -7.4 | -1.9 | -.3 | .6 | .6 | -1.7 | 1.0 | .8 | -1.7 | -5.6 | 2.0 | -2.7 |
| Nondurable | .8 | .8 | -.1 | 4.1 | -1.7 | .8 | -1.0 | -.3 | .6 | -1.9 | -.5 | 1.3 | -.5 | .8 |
| Foods and tobacco | -.6 | -1.5 | 3.4 | .5 | -4.7 | -.1 | -.7 | -.1 | .9 | -6.3 | -5.4 | .8 | 1.4 | .8 |
| Clothing | -8.6 | -4.8 | -10.8 | -9.8 | -9.0 | -1.4 | -1.8 | -2.1 | 2.5 | -4.0 | -4.2 | -6.0 | 6.7 | -8.3 |
| Chemical products | 5.8 | 6.7 | -7.4 | 13.6 | 11.5 | -.5 | .2 | .3 | .1 | -5.3 | -1.4 | -.4 | .0 | 5.2 |
| Paper products | .3 | -1.8 | 1.5 | 2.4 | -.9 | 1.7 | -2.3 | -.8 | -.3 | 3.3 | -1.3 | -2.1 | 1.3 | -1.8 |
| Energy products | 6.2 | 7.7 | 7.4 | 16.7 | -5.8 | 7.1 | -2.6 | -.4 | -.3 | 20.0 | 20.8 | 11.9 | -10.5 | 3.6 |
| Fuels | 1.0 | 7.2 | -.9 | 2.6 | -4.6 | .8 | .3 | .8 | 3.3 | 3.6 | 1.3 | -5.7 | .6 | 4.0 |
| Utilities | 8.4 | 7.9 | 11.0 | 22.8 | -6.2 | 9.7 | -3.7 | -.8 | -1.7 | 28.4 | 29.0 | 17.7 | -13.5 | 3.5 |
| Equipment, total | 2.5 | 7.9 | .4 | 4.5 | -2.5 | -.1 | .6 | 1.2 | 1.9 | -2.1 | .4 | -1.0 | 4.0 | 4.1 |
| Business equipment | 4.5 | 10.5 | 1.6 | 6.1 | -.2 | .2 | .9 | 1.6 | 1.9 | -2.4 | .7 | -.5 | 4.7 | 6.2 |
| Information processing & related | 14.0 | 15.4 | 12.3 | 12.0 | 16.3 | .8 | .8 | 1.8 | 2.4 | -2.2 | 2.1 | -2.1 | 4.3 | 15.9 |
| Computer and office | 36.1 | 41.3 | 35.4 | 23.9 | 45.0 | 3.7 | 3.3 | 3.4 | 2.8 | -2.8 | 6.5 | -1.7 | 7.4 | 37.0 |
| Industrial | 3.4 | 7.1 | -1.9 | 6.4 | 2.1 | .4 | .0 | .1 | .9 | -.4 | -.1 | -2.3 | 2.9 | 2.5 |
| Transit | -14.3 | 8.1 | -11.1 | -6.6 | -39.9 | -2.2 | 3.8 | 4.7 | 3.0 | -8.6 | -3.2 | 10.1 | 11.3 | -8.2 |
| Autos and trucks | -6.1 | 7.8 | -17.6 | 5.5 | -17.0 | -1.1 | .9 | -4.6 | 5.4 | -11.2 | -11.6 | 5.2 | 20.3 | -7.9 |
| Other | -3.6 | 3.2 | -12.2 | -.6 | -4.3 | .5 | .2 | .1 | .6 | -.3 | 1.7 | -1.4 | 2.3 | -3.6 |
| Defense and space equipment | -9.1 | -6.3 | -7.8 | -5.7 | -16.4 | -2.3 | -1.4 | -.7 | .4 | -.4 | .0 | -2.8 | -.6 | -9.4 |
| Oil and gas well drilling | -4.8 | 1.0 | 4.7 | -.8 | -21.7 | -.4 | .8 | 1.6 | 5.5 | 1.8 | -1.0 | -6.9 | -.9 | 1.0 |
| Manufactured homes | 13.1 | 14.1 | 1.0 | 17.2 | 21.1 | 1.8 | 1.6 | -3.8 | 5.0 | -10.2 | -14.0 | 3.1 | 15.6 | 14.9 |
| Intermediate products | -.1 | -1.1 | -4.2 | 3.3 | 1.6 | .1 | .8 | -1.1 | 1.0 | -2.9 | -.2 | -1.2 | .7 | .5 |
| Construction supplies | -.4 | -.2 | -7.8 | 1.1 | 6.0 | .3 | 1.6 | -2.2 | 2.3 | -4.0 | -2.2 | -3.3 | 4.0 | .9 |
| Business supplies | .0 | -1.7 | -1.8 | 4.7 | -1.0 | .0 | .2 | -.3 | .2 | -2.2 | 1.0 | .1 | -1.2 | .3 |
| Materials | 2.4 | 5.9 | -.3 | 2.1 | 2.0 | .3 | .0 | -.3 | 1.0 | -.2 | -.4 | .0 | 2.1 | 1.8 |
| Durable | 5.3 | 8.3 | -1.1 | 7.2 | 7.2 | 1.0 | -.3 | .2 | 1.5 | .1 | -.5 | -1.5 | 3.4 | 5.2 |
| Consumer parts | -.3 | 6.6 | -14.4 | 2.5 | 5.8 | 1.1 | -.6 | .3 | .3 | -.6 | -2.1 | -.8 | 4.4 | -1.8 |
| Equipment parts | 13.2 | 13.9 | 12.7 | 17.5 | 8.8 | .9 | -.1 | .2 | 2.6 | 1.2 | 1.5 | -2.1 | 2.8 | 13.0 |
| Other | 1.1 | 4.3 | -5.9 | .3 | 6.3 | 1.1 | -.4 | .2 | 1.0 | -.6 | -1.6 | -1.1 | 3.5 | 1.5 |
| Basic metals | .6 | 2.8 | -4.8 | -.3 | 5.1 | 3.1 | -.9 | -.1 | 2.0 | 2.8 | -1.7 | .5 | 4.9 | 2.5 |
| Nondurable | -2.7 | 3.2 | -1.0 | -9.2 | -3.2 | -1.7 | .6 | -1.5 | .9 | -3.6 | -3.4 | 2.5 | 2.0 | -4.0 |
| Textile | -7.2 | 2.9 | -8.1 | -18.9 | -3.3 | -2.3 | -1.7 | -3.8 | 4.7 | -4.9 | -8.9 | 5.1 | 6.1 | -8.5 |
| Paper | -3.7 | .7 | 4.2 | -8.0 | -11.1 | -5.9 | .6 | -1.5 | .1 | -5.1 | -3.2 | 3.8 | .4 | -6.7 |
| Chemical | -.3 | 10.2 | -.8 | -6.5 | -3.3 | -.2 | -.6 | -.2 | .3 | -.6 | -2.8 | 1.3 | 3.0 | -2.9 |
| Other | -3.9 | -7.3 | -2.1 | -10.2 | 4.8 | -.5 | 4.1 | -2.9 | .6 | -7.3 | -1.9 | 2.4 | -.6 | -1.4 |
| Energy | .1 | 2.7 | 2.7 | 1.0 | -5.8 | .1 | .2 | -.7 | -.1 | 2.6 | 2.9 | 1.7 | -1.3 | -1.3 |
| Primary | -.5 | 2.6 | 1.5 | -3.4 | -2.7 | -.9 | -.4 | -.7 | .4 | 2.1 | 1.3 | .9 | .3 | -2.1 |
| Converted fuel | 1.1 | 2.7 | 4.9 | 9.5 | -11.3 | 2.1 | 1.2 | -.6 | -1.0 | 3.7 | 5.9 | 3.0 | -4.1 | .4 |
| SPECIAL AGGREGATES | | | | | | | | | | | | | | |
| Total excluding: | | | | | | | | | | | | | | |
| Autos and trucks | 1.7 | 3.7 | -.7 | 3.2 | .6 | .4 | .0 | -.2 | 1.1 | -1.3 | -.2 | -.2 | 1.6 | 1.8 |
| Motor vehicles and parts | 1.8 | 3.6 | -.3 | 3.3 | .5 | .3 | .0 | -.2 | 1.1 | -1.4 | -.2 | -.1 | 1.6 | 2.0 |
| Computer and office equipment | .5 | 3.0 | -2.4 | 2.5 | -.9 | .2 | -.1 | -.6 | 1.2 | -1.6 | -.8 | .0 | 2.0 | .5 |
| Consumer goods excluding: | | | | | | | | | | | | | | |
| Autos and trucks | .6 | .3 | -1.2 | 4.2 | -.8 | .9 | -.8 | -.9 | .8 | -2.2 | -.9 | .8 | .3 | .5 |
| Energy | -.2 | .5 | -3.8 | 2.5 | .0 | .2 | -.3 | -1.4 | 1.4 | -4.9 | -4.3 | -.7 | 3.9 | -.2 |
| Business equipment excluding: | | | | | | | | | | | | | | |
| Autos and trucks | 5.6 | 10.8 | 3.7 | 6.2 | 1.9 | .4 | .9 | 2.1 | 1.6 | -1.5 | 1.8 | -1.0 | 3.4 | 7.6 |
| Computer and office equipment | -1.2 | 5.6 | -4.1 | 2.6 | -8.2 | -.6 | .3 | 1.1 | 1.7 | -2.3 | -.7 | -.2 | 4.0 | .2 |
| Materials excluding: | | | | | | | | | | | | | | |
| Energy | 3.1 | 6.8 | -1.1 | 2.4 | 4.3 | .3 | -.1 | -.2 | 1.3 | -.9 | -1.2 | -.5 | 3.0 | 2.6 |

Note—Percent changes shown in the first and last columns are based on seasonally adjusted data.

Table 2A
INDUSTRIAL PRODUCTION: INDUSTRY GROUPS

| Item | SIC | Index, 1987=100 | | | | | | | | | | | | | |
|---|---------|--------------------------|-------|---------------------|-------|-------------------|-------------------|------------------------|-------------------|-------------------------|-------|-------------------|-------------------|------------------------|-------------------|
| | | 1992 | | Seasonally Adjusted | | | | | | Not seasonally adjusted | | | | | |
| | | Value added ¹ | Index | 1995 Sept. | Oct. | Nov. ^r | Dec. ^r | 1996 Jan. ^r | Feb. ^p | 1995 Sept. | Oct. | Nov. ^r | Dec. ^r | 1996 Jan. ^r | Feb. ^p |
| Total index | | 100.0 | 107.7 | 122.8 | 122.2 | 122.6 | 122.7 | 122.1 | 123.7 | 126.0 | 123.5 | 121.5 | 120.8 | 120.7 | 123.3 |
| Manufacturing | | 85.4 | 108.2 | 124.9 | 124.4 | 124.5 | 124.7 | 124.3 | 126.1 | 129.3 | 127.0 | 123.6 | 121.4 | 120.5 | 124.4 |
| Primary processing | | 26.6 | 104.8 | 117.8 | 117.0 | 117.1 | 117.2 | 116.4 | 117.6 | 120.0 | 119.1 | 116.7 | 113.7 | 113.8 | 117.1 |
| Advanced processing | | 58.9 | 109.7 | 128.2 | 127.9 | 128.0 | 128.3 | 128.0 | 130.1 | 133.7 | 130.7 | 126.9 | 125.1 | 123.6 | 127.9 |
| Durable | | 45.0 | 109.3 | 134.4 | 133.5 | 134.3 | 134.8 | 134.6 | 137.2 | 137.8 | 135.9 | 133.7 | 132.6 | 130.9 | 136.9 |
| Lumber and products | 24 | 2.0 | 95.2 | 106.2 | 105.7 | 104.8 | 106.9 | 104.4 | 105.4 | 109.7 | 111.0 | 103.4 | 99.9 | 100.8 | 103.7 |
| Furniture and fixtures | 25 | 1.4 | 99.2 | 112.0 | 110.9 | 109.8 | 109.3 | 108.6 | 109.0 | 117.9 | 111.9 | 107.7 | 107.8 | 104.8 | 108.2 |
| Stone, clay, and glass products | 32 | 2.1 | 95.3 | 103.8 | 104.5 | 104.9 | 104.2 | 104.5 | 105.9 | 107.0 | 107.6 | 105.1 | 100.2 | 98.4 | 102.2 |
| Non-durable | | 31.4 | 106.7 | 114.4 | 114.3 | 113.7 | 113.5 | 112.9 | 113.8 | 119.8 | 117.1 | 112.5 | 109.2 | 108.9 | 110.7 |
| Primary metals | 33 | 3.1 | 101.9 | 121.0 | 115.7 | 120.8 | 120.1 | 121.5 | 123.2 | 121.7 | 115.7 | 119.8 | 116.8 | 120.9 | 126.7 |
| Iron and steel | 331,2 | 1.7 | 104.7 | 127.0 | 115.1 | 126.1 | 123.1 | 127.1 | 127.9 | 127.3 | 114.8 | 124.8 | 118.8 | 125.4 | 132.4 |
| Raw steel | | .1 | 101.2 | 118.6 | 111.3 | 116.4 | 118.0 | 113.9 | 114.6 | 117.3 | 111.9 | 114.8 | 112.0 | 114.1 | 119.3 |
| Nonferrous | 333-6,9 | 1.4 | 98.1 | 113.2 | 115.8 | 113.8 | 116.0 | 114.1 | 117.0 | 114.4 | 116.3 | 113.4 | 113.8 | 115.1 | 119.3 |
| Fabricated metal products | 34 | 5.0 | 99.0 | 115.1 | 114.0 | 114.5 | 114.9 | 114.4 | 115.3 | 118.7 | 116.1 | 114.9 | 114.5 | 110.2 | 112.9 |
| Industrial machinery and equipment | 35 | 8.0 | 124.0 | 181.3 | 183.8 | 186.5 | 190.0 | 191.6 | 194.8 | 186.7 | 184.4 | 181.0 | 186.2 | 183.4 | 193.8 |
| Computer and office equip. | 357 | 1.8 | 172.6 | 390.0 | 402.9 | 417.8 | 431.6 | 446.2 | 458.7 | 407.1 | 411.1 | 399.5 | 425.6 | 418.4 | 449.6 |
| Electrical machinery | 36 | 7.2 | 123.5 | 180.8 | 182.4 | 183.6 | 182.8 | 181.2 | 186.4 | 184.3 | 185.3 | 185.3 | 183.9 | 178.6 | 185.0 |
| Transportation equipment | 37 | 9.5 | 104.8 | 114.1 | 109.3 | 108.6 | 109.6 | 108.9 | 112.1 | 116.0 | 113.9 | 108.7 | 105.3 | 106.8 | 115.7 |
| Motor vehicles and parts | 371 | 4.8 | 107.4 | 143.3 | 139.7 | 140.7 | 141.2 | 135.7 | 140.8 | 146.8 | 149.5 | 140.3 | 130.7 | 131.4 | 148.6 |
| Autos and light trucks | | 2.5 | 102.1 | 132.8 | 128.4 | 129.6 | 131.5 | 123.3 | 132.7 | 138.1 | 144.9 | 129.7 | 114.1 | 116.1 | 144.7 |
| Aerospace and misc. | 372-6,9 | 4.7 | 102.3 | 85.9 | 80.0 | 77.7 | 79.2 | 83.2 | 84.5 | 86.4 | 79.8 | 78.3 | 81.0 | 83.1 | 84.1 |
| Instruments | 38 | 5.4 | 106.3 | 111.3 | 111.4 | 111.5 | 110.0 | 110.4 | 111.9 | 115.1 | 112.1 | 111.1 | 110.1 | 108.0 | 109.7 |
| Miscellaneous | 39 | 1.3 | 106.9 | 122.9 | 122.2 | 123.3 | 123.5 | 122.3 | 123.7 | 125.7 | 127.0 | 127.8 | 124.4 | 118.7 | 120.7 |
| Non-durable | | 40.5 | 106.7 | 114.4 | 114.3 | 113.7 | 113.5 | 112.9 | 113.8 | 119.8 | 117.1 | 112.5 | 109.2 | 108.9 | 110.7 |
| Foods | 20 | 9.4 | 106.9 | 115.5 | 115.4 | 114.8 | 114.8 | 115.0 | 115.7 | 124.1 | 121.2 | 114.9 | 111.4 | 109.5 | 109.7 |
| Tobacco products | 21 | 1.6 | 95.8 | 90.2 | 88.2 | 88.9 | 85.9 | 85.1 | 86.1 | 94.0 | 98.7 | 86.9 | 70.4 | 84.1 | 89.0 |
| Textile mill products | 22 | 1.8 | 104.0 | 110.5 | 111.1 | 108.9 | 108.2 | 103.6 | 108.5 | 113.9 | 116.4 | 106.2 | 97.3 | 99.3 | 107.6 |
| Apparel products | 23 | 2.2 | 95.0 | 94.5 | 93.3 | 92.4 | 91.6 | 89.2 | 91.1 | 97.5 | 94.4 | 93.0 | 91.2 | 85.8 | 89.6 |
| Paper and products | 26 | 3.6 | 110.0 | 118.5 | 119.7 | 116.2 | 117.7 | 115.1 | 116.0 | 118.6 | 122.0 | 115.4 | 112.1 | 117.1 | 118.5 |
| Printing and publishing | 27 | 6.8 | 98.1 | 99.8 | 98.9 | 99.3 | 99.0 | 98.5 | 99.0 | 105.6 | 99.8 | 97.7 | 96.9 | 94.0 | 94.9 |
| Chemicals and products | 28 | 9.9 | 114.4 | 125.3 | 126.7 | 126.0 | 126.1 | 126.2 | 126.4 | 132.1 | 126.9 | 122.5 | 119.8 | 121.1 | 122.7 |
| Petroleum products | 29 | 1.4 | 102.6 | 110.0 | 106.9 | 107.4 | 108.8 | 109.9 | 111.8 | 114.9 | 109.0 | 110.0 | 109.5 | 102.5 | 103.2 |
| Rubber and plastics products | 30 | 3.5 | 116.2 | 139.8 | 139.7 | 140.3 | 139.0 | 138.2 | 139.1 | 141.3 | 141.7 | 139.8 | 137.4 | 136.5 | 138.9 |
| Leather and products | 31 | .3 | 89.0 | 80.5 | 79.7 | 78.2 | 76.8 | 76.0 | 77.6 | 82.6 | 81.0 | 79.6 | 77.2 | 74.4 | 75.6 |
| Mining | | 6.9 | 98.9 | 100.0 | 98.2 | 98.3 | 97.8 | 97.3 | 98.8 | 100.7 | 99.7 | 100.4 | 98.7 | 97.0 | 98.8 |
| Metal mining | 10 | .5 | 163.7 | 170.8 | 178.3 | 175.9 | 175.8 | 174.2 | 175.5 | 173.2 | 173.1 | 173.0 | 172.9 | 168.4 | 176.3 |
| Coal mining | 12 | 1.0 | 108.2 | 116.2 | 112.3 | 109.5 | 108.5 | 103.3 | 108.0 | 117.9 | 114.2 | 109.4 | 104.9 | 105.4 | 115.3 |
| Oil and gas extraction | 13 | 4.8 | 93.2 | 91.2 | 89.2 | 90.1 | 89.4 | 90.1 | 90.6 | 90.7 | 90.4 | 92.9 | 92.1 | 91.3 | 91.0 |
| Stone and earth minerals | 14 | .6 | 99.1 | 113.1 | 112.4 | 110.9 | 112.3 | 111.0 | 115.3 | 121.5 | 118.8 | 113.3 | 107.0 | 95.2 | 99.4 |
| Utilities | | 7.7 | 111.9 | 122.7 | 121.6 | 125.4 | 124.7 | 123.2 | 121.8 | 114.7 | 108.4 | 119.5 | 136.5 | 147.7 | 136.0 |
| Electric | 491,3pt | 6.1 | 111.7 | 122.7 | 123.7 | 123.6 | 123.9 | 122.8 | 122.2 | 125.8 | 114.6 | 115.0 | 124.6 | 129.9 | 122.4 |
| Gas | 492,3pt | 1.6 | 112.7 | 122.4 | 113.6 | 132.5 | 127.7 | 125.0 | 120.1 | 70.8 | 84.2 | 137.0 | 183.2 | 218.0 | 189.7 |
| SPECIAL AGGREGATES | | | | | | | | | | | | | | | |
| Manufacturing excluding: | | | | | | | | | | | | | | | |
| Motor vehicles and parts | | 80.6 | 108.2 | 123.8 | 123.4 | 123.6 | 123.7 | 123.6 | 125.2 | 128.2 | 125.7 | 122.6 | 120.9 | 119.8 | 123.0 |
| Computer and office equipment | | 83.7 | 106.3 | 120.3 | 119.6 | 119.6 | 119.6 | 119.0 | 120.6 | 124.5 | 122.1 | 118.9 | 116.4 | 115.5 | 119.1 |
| Memo: Motor vehicle assemblies² | | | | | | | | | | | | | | | |
| Total | | | | 12.1 | 11.6 | 11.7 | 11.9 | 11.2 | 12.0 | 12.2 | 13.3 | 11.9 | 10.0 | 11.2 | 12.6 |
| Autos | | | | 6.3 | 6.1 | 6.1 | 6.1 | 5.7 | 6.1 | 6.3 | 7.0 | 6.2 | 5.2 | 5.7 | 6.5 |
| Trucks | | | | 5.8 | 5.5 | 5.6 | 5.8 | 5.5 | 5.9 | 5.9 | 6.3 | 5.7 | 4.7 | 5.5 | 6.1 |
| Light | | | | 5.5 | 5.2 | 5.3 | 5.5 | 5.2 | 5.6 | 5.6 | 6.0 | 5.4 | 4.5 | 5.2 | 5.8 |
| Heavy and medium | | | | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.3 | 0.3 |

1. Proportion as a share of the value added for the total index.

2. Millions of units at an annual rate.

Note—Primary processing manufacturing includes textile mill products, paper and products, industrial chemicals, synthetic materials, and fertilizers, petroleum products, rubber and plastics products, lumber and products, primary metals, fabricated metals, and stone, clay, and glass products. Advanced processing manufacturing includes foods, tobacco products, apparel products, printing and publishing, chemical products and other agricultural chemicals, leather and products, furniture and fixtures, industrial machinery and equipment, electrical machinery, transportation equipment, instruments, and miscellaneous manufactures.

Table 2B
INDUSTRIAL PRODUCTION: INDUSTRY GROUPS

Percent change

| Item | SIC | 1994 Q4 to 1995 Q4 | Seasonally adjusted annual rate | | | | Seasonally adjusted | | | | Not seasonally adjusted | | | | Feb. 95 to Feb. 96 |
|---|---------|--------------------------|------------------------------------|-------|-------|-----------------|---------------------------|-------------------|---------------------------|-------------------|---------------------------|-------------------|---------------------------|-------------------|--------------------------|
| | | | 1995 Q1 | Q2 | Q3 | Q4 ^r | 1995 Nov. ^r | Dec. ^r | 1996 Jan. ^r | Feb. ^p | 1995 Nov. ^r | Dec. ^r | 1996 Jan. ^r | Feb. ^p | |
| Total index | | 1.5 | 3.9 | -1.4 | 3.2 | .4 | .3 | .1 | -.4 | 1.2 | -1.6 | -.6 | -.1 | 2.2 | 1.6 |
| Manufacturing | | 1.4 | 3.9 | -2.2 | 2.6 | 1.3 | .1 | .2 | -.3 | 1.4 | -2.7 | -1.7 | -.8 | 3.3 | 1.7 |
| Primary processing | | -1.1 | 2.4 | -4.7 | -2.1 | .0 | .1 | .1 | -.7 | 1.1 | -2.1 | -2.6 | .1 | 2.9 | -1.2 |
| Advanced processing | | 2.5 | 4.6 | -1.1 | 4.8 | 1.9 | .1 | .2 | -.2 | 1.6 | -2.9 | -1.4 | -1.2 | 3.4 | 3.1 |
| Durable | | 3.4 | 6.9 | -2.0 | 5.2 | 3.6 | .6 | .4 | -.2 | 1.9 | -1.7 | -.8 | -1.3 | 4.6 | 3.9 |
| Lumber and products | 24 | -.2 | -2.4 | -9.0 | 6.7 | 4.7 | -.8 | 2.0 | -2.3 | .9 | -6.9 | -3.4 | .9 | 2.9 | .4 |
| Furniture and fixtures | 25 | -3.7 | -.5 | -9.6 | .6 | -4.8 | -1.0 | -.5 | -.6 | .3 | -3.8 | .0 | -2.7 | 3.3 | -5.2 |
| Stone, clay, and glass products | 32 | .1 | 2.3 | -4.5 | -1.8 | 4.8 | .5 | -.7 | .3 | 1.3 | -2.3 | -4.7 | -1.7 | 3.8 | 1.1 |
| Primary metals | 33 | -1.6 | 1.2 | -6.8 | -2.9 | 2.2 | 4.4 | -.6 | 1.1 | 1.4 | 3.5 | -2.6 | 3.6 | 4.8 | 2.0 |
| Iron and steel | 331,2 | -2.3 | 3.4 | -10.6 | -1.9 | .3 | 9.6 | -2.4 | 3.3 | .6 | 8.7 | -4.8 | 5.6 | 5.6 | 2.4 |
| Raw steel | | .7 | 5.8 | -8.3 | 4.5 | 1.6 | 4.5 | 1.4 | -3.4 | .6 | 2.6 | -2.5 | 1.9 | 4.6 | -1.5 |
| Nonferrous | 333-6,9 | -.8 | -1.6 | -1.8 | -4.1 | 4.8 | -1.7 | 1.9 | -1.6 | 2.6 | -2.5 | .4 | 1.1 | 3.7 | 1.5 |
| Fabricated metal products | 34 | .9 | 3.8 | -4.4 | 2.5 | 2.0 | .4 | .3 | -.5 | .8 | -1.1 | -.3 | -3.8 | 2.5 | .2 |
| Industrial machinery and equipment | 35 | 12.5 | 14.8 | 6.1 | 10.7 | 18.7 | 1.4 | 1.9 | .8 | 1.7 | -1.8 | 2.9 | -1.5 | 5.6 | 13.4 |
| Computer and office equip. | 357 | 36.1 | 41.3 | 35.4 | 23.9 | 45.0 | 3.7 | 3.3 | 3.4 | 2.8 | -2.8 | 6.5 | -1.7 | 7.4 | 37.0 |
| Electrical machinery | 36 | 11.9 | 11.5 | 8.1 | 17.9 | 10.5 | .6 | -.4 | -.9 | 2.9 | .0 | -.8 | -2.9 | 3.6 | 11.1 |
| Transportation equipment | 37 | -6.3 | 5.7 | -12.9 | -2.8 | -13.8 | -.6 | .9 | -.6 | 3.0 | -4.6 | -3.1 | 1.4 | 8.4 | -5.4 |
| Motor vehicles and parts | 371 | -2.6 | 9.7 | -18.2 | .6 | -.5 | .7 | .4 | -3.9 | 3.8 | -6.1 | -6.9 | .5 | 13.1 | -5.1 |
| Autos and light trucks | | -2.7 | 13.8 | -21.3 | -.8 | .8 | .9 | 1.5 | -6.2 | 7.6 | -10.5 | -12.0 | 1.7 | 24.7 | -4.2 |
| Aerospace and misc. | 372-6,9 | -11.9 | -.2 | -3.9 | -7.9 | -31.7 | -2.9 | 2.0 | 5.0 | 1.6 | -1.8 | 3.4 | 2.7 | 1.2 | -5.8 |
| Instruments | 38 | .7 | 1.8 | -.6 | 1.5 | .1 | .1 | -1.4 | .3 | 1.4 | -.9 | -.9 | -1.9 | 1.5 | 1.2 |
| Miscellaneous | 39 | .6 | 4.6 | -3.1 | -1.4 | 2.4 | .8 | .2 | -1.0 | 1.2 | .6 | -2.6 | -4.6 | 1.6 | -.3 |
| Nondurable | | -1.0 | .5 | -2.5 | -.4 | -1.5 | -.5 | -.2 | -.6 | .8 | -3.9 | -3.0 | -.2 | 1.6 | -.9 |
| Foods | 20 | .4 | 1.7 | 2.4 | -1.0 | -1.5 | -.5 | .0 | .2 | .6 | -5.1 | -3.0 | -1.8 | .2 | 1.4 |
| Tobacco products | 21 | -7.0 | -18.3 | 13.6 | 4.4 | -22.8 | .8 | -3.4 | -.9 | 1.2 | -12.0 | -19.0 | 19.5 | 5.8 | -2.2 |
| Textile mill products | 22 | -5.7 | 1.5 | -8.8 | -9.6 | -5.4 | -2.0 | -.6 | -4.2 | 4.7 | -8.8 | -8.4 | 2.1 | 8.4 | -6.4 |
| Apparel products | 23 | -8.9 | -6.0 | -11.8 | -8.9 | -8.9 | -1.0 | -.9 | -2.6 | 2.1 | -1.5 | -1.9 | -5.9 | 4.5 | -8.7 |
| Paper and products | 26 | -3.2 | -2.4 | .5 | -5.5 | -5.2 | -3.0 | 1.3 | -2.2 | .7 | -5.4 | -2.9 | 4.4 | 1.2 | -4.2 |
| Printing and publishing | 27 | -1.9 | -4.1 | -3.9 | 3.5 | -2.7 | .4 | -.4 | -.5 | .5 | -2.0 | -.8 | -3.0 | 1.0 | -1.3 |
| Chemicals and products | 28 | 2.3 | 6.4 | -4.2 | 2.0 | 5.5 | -.5 | .1 | .1 | .1 | -3.5 | -2.2 | 1.1 | 1.3 | 1.3 |
| Petroleum products | 29 | .2 | 3.0 | -1.1 | 4.5 | -5.2 | .4 | 1.4 | 1.0 | 1.7 | .9 | -.5 | -6.5 | .7 | 3.5 |
| Rubber and plastics products | 30 | -.5 | 3.4 | -7.2 | -.6 | 2.7 | .4 | -.9 | -.5 | .6 | -1.4 | -1.7 | -.7 | 1.8 | -1.9 |
| Leather and products | 31 | -9.2 | -3.4 | -13.9 | -10.6 | -8.5 | -1.9 | -1.8 | -1.0 | 2.1 | -1.7 | -3.0 | -3.6 | 1.6 | -8.8 |
| Mining | | -1.9 | 2.1 | .4 | -1.8 | -8.2 | .1 | -.6 | -.4 | 1.5 | .7 | -1.7 | -1.7 | 1.9 | -2.0 |
| Metal mining | 10 | 8.6 | 5.2 | 1.2 | 16.7 | 12.1 | -1.4 | .0 | -.9 | .8 | -.1 | -.1 | -2.6 | 4.6 | 6.0 |
| Coal mining | 12 | -3.1 | 5.1 | -10.9 | 9.4 | -13.9 | -2.5 | -1.0 | -4.8 | 4.6 | -4.2 | -4.1 | .5 | 9.4 | -6.2 |
| Oil and gas extraction | 13 | -3.2 | -.1 | 3.6 | -6.5 | -9.5 | 1.1 | -.8 | .7 | .6 | 2.7 | -.8 | -.8 | -.3 | -2.6 |
| Stone and earth minerals | 14 | 2.0 | 12.2 | -3.5 | 3.2 | -3.2 | -1.3 | 1.3 | -1.2 | 3.9 | -4.6 | -5.6 | -11.0 | 4.4 | 3.6 |
| Utilities | | 6.1 | 5.4 | 8.0 | 14.2 | -2.6 | 3.1 | -.6 | -1.1 | -1.2 | 10.2 | 14.2 | 8.2 | -7.9 | 2.7 |
| Electric | 491,3pt | 5.1 | 4.2 | 5.3 | 16.0 | -3.9 | .0 | .2 | -.9 | -.5 | .4 | 8.4 | 4.2 | -5.7 | 2.6 |
| Gas | 492,3pt | 9.9 | 10.5 | 19.3 | 7.5 | 2.9 | 16.7 | -3.6 | -2.1 | -3.9 | 62.6 | 33.7 | 19.0 | -13.0 | 3.2 |
| SPECIAL AGGREGATES | | | | | | | | | | | | | | | |
| Manufacturing excluding: | | | | | | | | | | | | | | | |
| Motor vehicles and parts | | 1.7 | 3.5 | -1.0 | 2.8 | 1.4 | .1 | .1 | -.1 | 1.3 | -2.4 | -1.4 | -.9 | 2.6 | 2.2 |
| Computer and office equipment | | .2 | 2.9 | -3.4 | 1.9 | -.2 | .0 | .0 | -.5 | 1.4 | -2.7 | -2.1 | -.8 | 3.1 | .5 |

Note—Percent changes shown in the first and last columns are based on seasonally adjusted data.

Table 3
CAPACITY UTILIZATION: MANUFACTURING, MINING, AND UTILITIES

Percent of capacity, seasonally adjusted

| Item | SIC | 1995 Proportion | 1967- 1995 Ave. | 1973 High | 1978- 1980 High | 1982 Low | 1988- 1989 High | 1990- 1991 Low | 1995 Feb. | 1995 Sept. | Oct. | Nov. ^r | Dec. ^r | 1996 Jan. ^r | 1996 Feb. ^p |
|-------------------------------------|---------|--------------------|-----------------------|--------------|-----------------------|-------------|-----------------------|----------------------|--------------|---------------|------|-------------------|-------------------|---------------------------|---------------------------|
| Total industry | | 100.0 | 82.1 | 89.2 | 87.3 | 71.8 | 84.9 | 78.0 | 84.7 | 83.6 | 82.9 | 82.9 | 82.7 | 82.1 | 82.9 |
| Manufacturing | | 87.3 | 81.4 | 88.9 | 87.3 | 70.0 | 85.2 | 76.6 | 84.2 | 82.8 | 82.1 | 81.9 | 81.8 | 81.2 | 82.1 |
| Primary processing | | 25.2 | 82.6 | 92.2 | 89.7 | 66.8 | 89.0 | 77.9 | 89.3 | 86.8 | 86.0 | 85.9 | 85.7 | 84.9 | 85.7 |
| Advanced processing | | 62.1 | 80.7 | 87.5 | 86.3 | 71.4 | 83.5 | 76.1 | 82.0 | 81.1 | 80.5 | 80.3 | 80.1 | 79.6 | 80.6 |
| Durable | | 48.7 | 79.4 | 88.8 | 86.9 | 65.0 | 84.0 | 73.7 | 84.2 | 83.0 | 82.0 | 82.2 | 82.1 | 81.6 | 82.8 |
| Lumber and products | 24 | 1.8 | 83.4 | 90.1 | 87.6 | 60.9 | 93.3 | 76.1 | 89.4 | 89.4 | 88.8 | 87.9 | 89.5 | 87.3 | 88.1 |
| Furniture and fixtures | 25 | 1.4 | 81.9 | 96.8 | 86.6 | 68.9 | 86.8 | 72.2 | 86.0 | 82.3 | 81.2 | 80.2 | 79.6 | 79.0 | 79.2 |
| Stone, clay, and glass products | 32 | 2.1 | 78.0 | 89.2 | 87.0 | 63.1 | 83.8 | 71.0 | 80.8 | 79.3 | 79.7 | 79.9 | 79.3 | 79.4 | 80.4 |
| Primary metals | | 2.9 | 80.9 | 100.6 | 102.4 | 46.8 | 92.8 | 74.2 | 95.2 | 94.4 | 90.1 | 93.9 | 93.3 | 94.2 | 95.4 |
| Iron and steel | 331.2 | 1.6 | 80.6 | 105.8 | 110.4 | 38.3 | 95.7 | 72.0 | 95.4 | 95.7 | 86.5 | 94.7 | 92.2 | 95.1 | 95.5 |
| Raw steel | | .1 | 80.3 | 102.7 | 95.7 | 35.2 | 92.7 | 71.5 | 97.6 | 98.4 | 92.3 | 96.3 | 97.5 | 93.8 | |
| Nonferrous | 333-6.9 | 1.3 | 81.7 | 92.9 | 90.5 | 62.2 | 88.7 | 75.2 | 94.9 | 92.6 | 94.6 | 92.9 | 94.6 | 93.0 | 95.3 |
| Primary copper | 3331 | .1 | 73.5 | 92.1 | 80.8 | 42.1 | 85.9 | 73.6 | 83.6 | 76.7 | 85.7 | 86.0 | 80.9 | 88.6 | 85.6 |
| Primary aluminum | 3334 | .1 | 88.6 | 95.7 | 97.6 | 58.6 | 100.4 | 97.3 | 78.8 | 82.2 | 81.6 | 82.6 | 84.0 | 84.4 | 85.1 |
| Fabricated metal products | | 5.1 | 77.8 | 87.8 | 83.9 | 62.9 | 82.0 | 71.3 | 85.6 | 84.6 | 83.7 | 83.9 | 84.1 | 83.6 | 84.2 |
| Industrial machinery and equipment | 35 | 9.6 | 81.2 | 96.4 | 92.1 | 64.9 | 84.0 | 71.8 | 88.2 | 87.9 | 88.4 | 88.9 | 89.8 | 89.8 | 90.6 |
| Computer and office equip. | 357 | 3.2 | 80.7 | 90.9 | 93.5 | 63.1 | 84.4 | 64.5 | 85.3 | 87.3 | 88.6 | 90.2 | 91.5 | 92.8 | 93.6 |
| Electrical machinery | 36 | 8.7 | 80.8 | 87.8 | 89.4 | 71.1 | 84.9 | 77.0 | 87.5 | 87.8 | 87.6 | 87.2 | 85.9 | 84.3 | 85.9 |
| Transportation equipment | | 10.3 | 75.1 | 83.8 | 82.7 | 56.7 | 84.4 | 69.7 | 78.0 | 73.9 | 70.7 | 70.1 | 70.6 | 70.0 | 72.0 |
| Motor vehicles and parts | 371 | 5.8 | 76.2 | 93.4 | 93.0 | 44.5 | 85.1 | 56.6 | 86.2 | 80.9 | 78.5 | 78.7 | 78.7 | 75.4 | 78.1 |
| Autos and light trucks ¹ | | 2.9 | | | 92.2 | 40.1 | 89.1 | 53.3 | 87.5 | 82.7 | 79.8 | 80.3 | 81.3 | 76.1 | 81.9 |
| Aerospace and misc. | 372-6.9 | 4.5 | 75.2 | 77.0 | 81.1 | 66.9 | 88.4 | 78.8 | 67.9 | 65.0 | 60.6 | 58.8 | 60.0 | 63.0 | 64.0 |
| Instruments | 38 | 5.3 | 81.8 | 89.9 | 92.5 | 79.0 | 81.2 | 76.8 | 78.0 | 78.1 | 78.1 | 78.1 | 77.0 | 77.2 | 78.2 |
| Miscellaneous | 39 | 1.5 | 75.5 | 82.9 | 78.7 | 66.1 | 80.1 | 73.0 | 76.2 | 73.8 | 73.1 | 73.5 | 73.4 | 72.5 | 73.1 |
| Nondurable | | 38.7 | 83.5 | 87.9 | 87.0 | 76.9 | 86.7 | 80.3 | 84.1 | 82.4 | 82.2 | 81.6 | 81.3 | 80.7 | 81.2 |
| Foods | 20 | 9.1 | 82.3 | 86.0 | 84.3 | 78.8 | 83.3 | 80.8 | 82.2 | 82.2 | 82.0 | 81.4 | 81.3 | 81.3 | 81.7 |
| Textile mill products | 22 | 1.7 | 86.2 | 92.0 | 91.7 | 73.8 | 92.1 | 78.8 | 89.8 | 84.1 | 84.3 | 82.5 | 81.7 | 78.1 | 81.7 |
| Apparel products | 23 | 2.1 | 80.9 | 84.2 | 86.0 | 78.9 | 84.2 | 75.0 | 79.7 | 74.9 | 73.9 | 73.1 | 72.4 | 70.5 | 72.0 |
| Paper and products | 26 | 3.2 | 89.9 | 96.9 | 94.2 | 82.0 | 94.8 | 86.7 | 92.7 | 89.2 | 90.0 | 87.1 | 88.0 | 85.9 | 86.3 |
| Pulp and paper | 261-3 | 1.3 | 92.5 | 97.1 | 98.2 | 82.1 | 98.1 | 90.1 | 96.2 | 91.8 | 93.7 | 89.2 | 89.2 | 88.0 | 87.9 |
| Printing and publishing | 27 | 6.4 | 86.0 | 89.7 | 92.2 | 83.0 | 92.3 | 79.0 | 81.0 | 79.5 | 78.6 | 78.8 | 78.3 | 77.8 | 78.1 |
| Chemicals and products | | 9.9 | 79.8 | 87.9 | 85.1 | 70.1 | 85.9 | 79.0 | 81.1 | 80.4 | 81.1 | 80.5 | 80.4 | 80.3 | 80.2 |
| Plastics materials | 2821 | .7 | 86.2 | 102.0 | 90.9 | 63.4 | 97.0 | 74.8 | 95.6 | 88.7 | 89.4 | 90.3 | 89.5 | | |
| Synthetic fibers | 2823.4 | .4 | 85.2 | 93.8 | 98.5 | 64.4 | 99.7 | 77.6 | 93.9 | 88.2 | 88.5 | 89.1 | 88.3 | 85.3 | |
| Petroleum products | 29 | 1.2 | 86.0 | 96.7 | 89.5 | 68.2 | 88.5 | 84.6 | 93.1 | 94.5 | 91.8 | 92.1 | 93.3 | 94.2 | 95.7 |
| Rubber and plastics products | 30 | 3.5 | 84.4 | 94.0 | 90.4 | 73.5 | 90.5 | 78.0 | 93.3 | 88.1 | 87.5 | 87.3 | 86.0 | 85.1 | 85.3 |
| Leather and products | 31 | .2 | 82.2 | 81.3 | 92.4 | 78.1 | 83.8 | 76.0 | 84.2 | 80.2 | 79.5 | 78.1 | 76.8 | 76.1 | 77.8 |
| Mining | | 5.7 | 87.4 | 94.4 | 96.6 | 80.6 | 86.5 | 86.1 | 90.0 | 89.2 | 87.6 | 87.7 | 87.2 | 86.8 | 88.1 |
| Metal mining | 10 | .4 | 78.8 | 90.3 | 87.6 | 43.4 | 87.9 | 80.0 | 85.8 | 88.1 | 91.9 | 90.6 | 90.5 | 89.5 | 90.1 |
| Coal mining | 12 | .9 | 86.9 | 90.8 | 95.7 | 75.4 | 91.4 | 83.4 | 87.5 | 87.7 | 84.7 | 82.6 | 81.7 | 77.7 | 81.2 |
| Oil and gas extraction | 13 | 3.9 | 88.2 | 96.6 | 96.9 | 82.5 | 86.1 | 86.8 | 90.8 | 89.3 | 87.4 | 88.4 | 87.8 | 88.4 | 89.0 |
| Oil and gas well drilling | 138 | .6 | 72.6 | 93.0 | 104.3 | 50.8 | 60.7 | 53.7 | 72.4 | 73.1 | 69.2 | 69.1 | 69.8 | 71.0 | 75.0 |
| Stone and earth minerals | 14 | .5 | 84.6 | 93.7 | 93.3 | 63.3 | 90.0 | 79.4 | 91.1 | 91.0 | 90.1 | 88.7 | 89.7 | 88.4 | 91.7 |
| Utilities | | 6.9 | 86.9 | 95.6 | 88.3 | 76.2 | 92.6 | 83.1 | 88.2 | 90.7 | 89.8 | 92.5 | 91.9 | 90.7 | 89.6 |
| Electric | 491,3pt | 5.4 | 89.0 | 99.0 | 88.3 | 78.7 | 94.8 | 86.7 | 90.4 | 92.5 | 93.1 | 93.0 | 93.1 | 92.2 | 91.7 |
| Gas | 492,3pt | 1.5 | 82.5 | 93.2 | 93.6 | 70.8 | 85.5 | 68.3 | 80.2 | 84.0 | 77.9 | 90.8 | 87.5 | 85.6 | 82.2 |

1. Series begins in 1977.

Note—Primary processing manufacturing includes textile mill products, paper and products, industrial chemicals, synthetic materials, and fertilizers, petroleum products, rubber and plastic products, lumber and products, primary metals, fabricated metals, and stone, clay, and glass products. Advanced processing manufacturing includes foods, tobacco products, apparel products, printing and publishing, chemical products and other agricultural chemicals, leather and products, furniture and fixtures, industrial machinery and equipment, electrical machinery, transportation equipment, instruments, and miscellaneous manufactures.

Table 4
INDUSTRIAL CAPACITY: MANUFACTURING, MINING, AND UTILITIES

| Item | SIC | Percent change | | | | | | | | Capacity indexes | | | | | | |
|-------------------------------------|---------|----------------|----------------|----------------|----------------------|------|------|------|------|------------------------|------------|-------|-------|-------|-----------|-------|
| | | Annual rate | | | December to December | | | | | Percent of 1987 output | | | | | | |
| | | 1967-1995 Ave. | 1967-1975 Ave. | 1975-1995 Ave. | 1991 | 1992 | 1993 | 1994 | 1995 | 1995 Feb. | 1995 Sept. | Oct. | Nov. | Dec. | 1996 Jan. | Feb. |
| Total industry | | 2.9 | 3.7 | 2.5 | 1.9 | 2.1 | 2.1 | 3.2 | 3.9 | 143.6 | 146.9 | 147.3 | 147.8 | 148.3 | 148.8 | 149.2 |
| Manufacturing | | 3.3 | 3.9 | 3.0 | 1.9 | 2.5 | 2.5 | 3.6 | 4.3 | 147.2 | 150.9 | 151.4 | 152.0 | 152.5 | 153.0 | 153.5 |
| Primary processing | | 2.2 | 4.0 | 1.4 | 1.2 | 1.4 | 1.5 | 2.2 | 2.9 | 133.4 | 135.7 | 136.0 | 136.4 | 136.7 | 137.0 | 137.2 |
| Advanced processing | | 3.8 | 3.9 | 3.8 | 2.4 | 2.9 | 2.9 | 4.2 | 4.9 | 153.8 | 158.1 | 158.8 | 159.5 | 160.1 | 160.8 | 161.4 |
| Durable | | 3.6 | 3.7 | 3.5 | 2.3 | 2.5 | 3.1 | 4.8 | 5.6 | 156.8 | 161.9 | 162.7 | 163.4 | 164.2 | 165.0 | 165.7 |
| Lumber and products | 24 | 1.7 | 2.9 | 1.2 | -1 | .7 | 1.2 | .8 | 2.0 | 117.4 | 118.8 | 119.0 | 119.2 | 119.4 | 119.5 | 119.7 |
| Furniture and fixtures | 25 | 3.0 | 4.5 | 2.3 | .3 | 1.0 | 1.9 | 1.9 | 3.1 | 133.7 | 136.2 | 136.5 | 136.9 | 137.2 | 137.5 | 137.7 |
| Stone, clay, and glass products | 32 | 1.3 | 2.5 | .8 | .6 | .7 | .2 | 1.0 | 1.6 | 129.6 | 130.9 | 131.1 | 131.2 | 131.4 | 131.6 | 131.6 |
| Primary metals | 33 | .0 | 1.7 | -.7 | -.9 | -1.2 | -.2 | 2.0 | 1.4 | 126.9 | 128.2 | 128.4 | 128.6 | 128.8 | 129.0 | 129.2 |
| Iron and steel | 331,2 | -.8 | .7 | -1.4 | -1.4 | -2.4 | -.8 | 3.1 | 1.7 | 130.9 | 132.7 | 133.0 | 133.2 | 133.5 | 133.6 | 133.9 |
| Raw steel | | -1.2 | .3 | -1.8 | -1.7 | -3.1 | -4.3 | 1.4 | .9 | 119.2 | 120.5 | 120.6 | 120.8 | 121.0 | 121.4 | 122.3 |
| Nonferrous | 333-6,9 | 1.3 | 3.6 | .3 | .1 | .4 | .5 | .6 | 1.1 | 121.5 | 122.3 | 122.4 | 122.5 | 122.7 | 122.7 | 122.8 |
| Primary copper | 3331 | .3 | 1.8 | -.4 | 6.5 | 7.8 | 5.0 | -1.2 | 3.0 | 156.7 | 159.6 | 160.0 | 160.5 | 160.9 | 160.9 | 160.5 |
| Primary aluminum | 3334 | 1.3 | 5.2 | -.4 | .6 | .3 | .5 | .0 | .0 | 125.0 | 125.0 | 125.0 | 125.0 | 125.0 | 125.0 | 125.0 |
| Fabricated metal products | 34 | 1.6 | 3.1 | 1.0 | -.2 | .4 | 1.1 | 1.9 | 2.0 | 134.4 | 136.0 | 136.2 | 136.5 | 136.7 | 136.9 | 137.0 |
| Industrial machinery and equipment | 35 | 6.6 | 4.7 | 7.5 | 5.2 | 4.0 | 6.0 | 9.0 | 10.2 | 194.8 | 206.2 | 207.9 | 209.7 | 211.5 | 213.3 | 215.1 |
| Computer and office equip. | 357 | 20.6 | 12.0 | 24.7 | 14.0 | 14.0 | 19.1 | 25.5 | 24.7 | 392.8 | 446.6 | 454.9 | 463.3 | 471.9 | 480.9 | 490.3 |
| Electrical machinery | 36 | 5.9 | 6.1 | 5.8 | 4.9 | 6.5 | 7.4 | 9.9 | 13.2 | 191.6 | 206.0 | 208.2 | 210.4 | 212.7 | 214.9 | 217.0 |
| Transportation equipment | 37 | 2.7 | 3.0 | 2.5 | 1.6 | 2.1 | 1.9 | 3.5 | 2.8 | 151.8 | 154.2 | 154.6 | 155.0 | 155.3 | 155.6 | 155.7 |
| Motor vehicles and parts | 371 | 3.4 | 4.5 | 2.9 | 3.1 | 3.8 | 4.6 | 6.8 | 5.2 | 172.1 | 177.2 | 177.9 | 178.7 | 179.5 | 180.0 | 180.3 |
| Autos and light trucks ¹ | | | | | 1.0 | 2.5 | 2.7 | 6.1 | 2.7 | 158.3 | 160.6 | 161.0 | 161.3 | 161.7 | 162.0 | 162.1 |
| Aerospace and misc. | 372-6,9 | 1.8 | 1.3 | 2.0 | -.1 | .3 | -.9 | -.2 | -.1 | 132.2 | 132.1 | 132.1 | 132.1 | 132.1 | 132.0 | 132.0 |
| Instruments | 38 | 4.8 | 7.6 | 3.7 | 1.2 | 1.3 | .9 | .9 | 1.0 | 141.7 | 142.5 | 142.6 | 142.7 | 142.9 | 143.0 | 143.1 |
| Miscellaneous | 39 | 2.5 | 4.4 | 1.6 | 2.7 | 5.0 | 3.6 | 3.9 | 4.0 | 162.9 | 166.7 | 167.2 | 167.8 | 168.3 | 168.8 | 169.2 |
| Nondurable | | 2.9 | 4.3 | 2.2 | 1.8 | 2.4 | 1.7 | 2.2 | 2.7 | 136.6 | 138.7 | 139.0 | 139.4 | 139.7 | 140.0 | 140.2 |
| Foods | 20 | 2.5 | 3.0 | 2.3 | 1.8 | 2.2 | 2.1 | 2.0 | 2.0 | 138.8 | 140.5 | 140.7 | 140.9 | 141.2 | 141.4 | 141.6 |
| Textile mill products | 22 | 2.2 | 4.3 | 1.3 | 1.5 | 2.6 | 3.4 | 3.1 | 3.1 | 129.1 | 131.4 | 131.7 | 132.1 | 132.4 | 132.7 | 132.9 |
| Apparel products | 23 | 1.4 | 2.3 | 1.0 | -.5 | 2.4 | 2.5 | .9 | 1.2 | 125.2 | 126.1 | 126.2 | 126.3 | 126.4 | 126.5 | 126.5 |
| Paper and products | 26 | 2.8 | 3.9 | 2.3 | 2.7 | 2.2 | 2.2 | 2.1 | 2.9 | 130.6 | 132.8 | 133.1 | 133.4 | 133.8 | 134.1 | 134.3 |
| Pulp and paper | 261-3 | 2.4 | 3.0 | 2.1 | 2.9 | 2.2 | 1.7 | 1.4 | 2.6 | 125.3 | 127.2 | 127.5 | 127.8 | 128.0 | 128.3 | 128.6 |
| Printing and publishing | 27 | 3.0 | 3.0 | 3.0 | .6 | 1.0 | -1.0 | 1.8 | 2.5 | 123.8 | 125.6 | 125.8 | 126.1 | 126.4 | 126.6 | 126.7 |
| Chemicals and products | 28 | 3.8 | 6.8 | 2.5 | 3.2 | 4.1 | 2.5 | 2.2 | 2.5 | 153.7 | 155.9 | 156.2 | 156.6 | 156.9 | 157.2 | 157.5 |
| Plastics materials | 2821 | 6.5 | 12.7 | 3.8 | 1.0 | 1.1 | .4 | 3.3 | 5.0 | 132.1 | 136.0 | 136.6 | 137.1 | 137.7 | 138.2 | 138.6 |
| Synthetic fibers | 2823,4 | 4.2 | 9.7 | 1.8 | 1.5 | 5.0 | 1.5 | 3.6 | 3.5 | 134.2 | 136.9 | 137.3 | 137.7 | 138.0 | 138.4 | 138.6 |
| Petroleum products | 29 | 1.5 | 4.2 | .3 | -1.0 | -1.3 | -.5 | .3 | .6 | 116.0 | 116.5 | 116.5 | 116.6 | 116.6 | 116.7 | 116.8 |
| Rubber and plastics products | 30 | 5.6 | 8.6 | 4.3 | 3.5 | 4.2 | 4.1 | 4.7 | 7.5 | 152.0 | 158.7 | 159.6 | 160.6 | 161.6 | 162.4 | 163.1 |
| Leather and products | 31 | -3.2 | -1.5 | -4.0 | -4.4 | -2.6 | -2.2 | -2.6 | -1.3 | 101.1 | 100.4 | 100.3 | 100.2 | 100.1 | 99.9 | 99.7 |
| Mining | | .0 | -.1 | .1 | -.2 | -1.2 | -.9 | -.1 | .1 | 112.0 | 112.1 | 112.1 | 112.1 | 112.1 | 112.1 | 112.1 |
| Metal mining | 10 | 1.3 | .7 | 1.6 | 2.0 | 2.5 | 1.6 | -.6 | .8 | 192.9 | 193.9 | 194.0 | 194.2 | 194.3 | 194.5 | 194.7 |
| Coal mining | 12 | 2.4 | 2.5 | 2.4 | 2.1 | .9 | 1.1 | 1.1 | 1.1 | 131.6 | 132.4 | 132.6 | 132.7 | 132.8 | 132.9 | 133.0 |
| Oil and gas extraction | 13 | -.5 | -1.0 | -.4 | -.9 | -2.3 | -1.9 | -.5 | -.6 | 102.4 | 102.1 | 102.0 | 101.9 | 101.9 | 101.8 | 101.8 |
| Oil and gas well drilling | 138 | .3 | .8 | .1 | -5.5 | -8.2 | -6.2 | -1.0 | -2.4 | 122.6 | 120.9 | 120.6 | 120.4 | 120.1 | 119.9 | 119.6 |
| Stone and earth minerals | 14 | 1.0 | 2.6 | .3 | -.5 | .6 | .9 | 1.6 | 3.1 | 122.1 | 124.3 | 124.6 | 125.0 | 125.3 | 125.5 | 125.7 |
| Utilities | | 2.8 | 6.0 | 1.4 | 1.2 | 1.2 | .5 | .5 | 1.1 | 134.4 | 135.3 | 135.4 | 135.6 | 135.7 | 135.8 | 135.9 |
| Electric | 491,3pt | 3.9 | 7.8 | 2.2 | 1.6 | 1.5 | .6 | .4 | 1.2 | 131.7 | 132.7 | 132.8 | 133.0 | 133.1 | 133.2 | 133.3 |
| Gas | 492,3pt | .3 | 2.3 | -.6 | .0 | .0 | .2 | .5 | .7 | 145.1 | 145.7 | 145.8 | 145.9 | 146.0 | 146.1 | 146.2 |

1. Series begins in 1977.

Table 5A
INDUSTRIAL PRODUCTION, CAPACITY AND UTILIZATION FOR TOTAL INDUSTRY: HISTORICAL DATA

Seasonally adjusted

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Q1 | Q2 | Q3 | Q4 | Annual |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Industrial Production, Percent Change¹ | | | | | | | | | | | | | | | | | |
| 1984 | 2.0 | -.1 | 1.0 | .6 | .7 | .5 | .4 | .1 | -.1 | -.7 | .0 | -.6 | 11.2 | 7.7 | 4.0 | -3.4 | 9.3 |
| 1985 | .4 | .7 | .3 | .4 | .2 | -.3 | -.3 | .5 | .5 | -.8 | .4 | 1.0 | 2.4 | 3.8 | .1 | 1.2 | 1.7 |
| 1986 | .5 | -.7 | -.9 | .2 | .0 | -.5 | .5 | .2 | .1 | .7 | .7 | .6 | 2.4 | -3.4 | 1.3 | 5.8 | .9 |
| 1987 | -.3 | 1.4 | .4 | .5 | .6 | .9 | .4 | .3 | -.2 | 1.3 | .1 | .7 | 5.5 | 8.1 | 5.2 | 6.5 | 4.9 |
| 1988 | .3 | .2 | .0 | .8 | -.3 | .0 | .6 | .6 | -.5 | .3 | .6 | .6 | 3.8 | 3.0 | 2.9 | 3.0 | 4.4 |
| 1989 | .3 | -.5 | .9 | .0 | -.3 | -.3 | -1.0 | .5 | -.4 | -.4 | .4 | .7 | 3.9 | .3 | -4.4 | -.2 | 1.5 |
| 1990 | -.5 | .5 | .3 | -.7 | .7 | .2 | -.2 | .3 | .0 | -.5 | -1.3 | -.4 | 2.1 | 1.1 | 1.6 | -5.2 | .0 |
| 1991 | -.5 | -1.0 | -.8 | .3 | .8 | 1.1 | .2 | .3 | .8 | .1 | -.1 | -.5 | -8.4 | 1.1 | 6.7 | 2.0 | -1.8 |
| 1992 | -.1 | .6 | .9 | .7 | .5 | -.3 | .8 | -.2 | .2 | .7 | .6 | .2 | .8 | 7.0 | 3.1 | 4.9 | 3.4 |
| 1993 | .3 | .4 | .0 | .2 | -.5 | .2 | .6 | .0 | .7 | .1 | .7 | .9 | 3.7 | .5 | 3.2 | 5.5 | 3.5 |
| 1994 | .4 | .8 | .8 | .3 | .5 | .5 | .2 | .5 | .1 | .7 | .5 | .8 | 8.4 | 7.0 | 4.6 | 6.4 | 5.9 |
| 1995 | .3 | -.1 | .1 | -.4 | .0 | .1 | .1 | 1.0 | .1 | -.5 | .3 | .1 | 3.9 | -1.4 | 3.2 | .4 | 3.2 |
| 1996 | -.4 | 1.2 | | | | | | | | | | | | | | | |
| Industrial Production | | | | | | | | | | | | | | | | | |
| 1984 | 91.0 | 90.9 | 91.9 | 92.4 | 93.0 | 93.5 | 93.9 | 94.0 | 93.9 | 93.2 | 93.3 | 92.8 | 91.3 | 93.0 | 93.9 | 93.1 | 92.8 |
| 1985 | 93.1 | 93.8 | 94.1 | 94.5 | 94.7 | 94.4 | 94.1 | 94.5 | 95.0 | 94.2 | 94.6 | 95.6 | 93.6 | 94.5 | 94.6 | 94.8 | 94.4 |
| 1986 | 96.1 | 95.5 | 94.6 | 94.8 | 94.7 | 94.3 | 94.8 | 94.9 | 95.0 | 95.6 | 96.3 | 96.8 | 95.4 | 94.6 | 94.9 | 96.2 | 95.3 |
| 1987 | 96.5 | 97.9 | 98.2 | 98.8 | 99.4 | 100.3 | 100.6 | 100.9 | 100.7 | 102.1 | 102.2 | 102.8 | 97.5 | 99.5 | 100.8 | 102.3 | 100.0 |
| 1988 | 103.2 | 103.4 | 103.4 | 104.3 | 104.0 | 104.0 | 104.6 | 105.2 | 104.7 | 105.0 | 105.6 | 106.3 | 103.3 | 104.1 | 104.8 | 105.6 | 104.4 |
| 1989 | 106.6 | 106.2 | 107.1 | 107.1 | 106.7 | 106.4 | 105.3 | 105.8 | 105.4 | 105.0 | 105.4 | 106.1 | 106.6 | 106.7 | 105.5 | 105.5 | 106.0 |
| 1990 | 105.5 | 106.1 | 106.4 | 105.7 | 106.5 | 106.7 | 106.5 | 106.8 | 106.8 | 106.3 | 105.0 | 104.5 | 106.0 | 106.3 | 106.7 | 105.3 | 106.0 |
| 1991 | 104.0 | 102.9 | 102.1 | 102.4 | 103.2 | 104.3 | 104.5 | 104.8 | 105.7 | 105.8 | 105.6 | 105.1 | 103.0 | 103.3 | 105.0 | 105.5 | 104.2 |
| 1992 | 105.0 | 105.6 | 106.5 | 107.3 | 107.8 | 107.5 | 108.4 | 108.2 | 108.4 | 109.2 | 109.8 | 110.0 | 105.7 | 107.5 | 108.3 | 109.7 | 107.7 |
| 1993 | 110.4 | 110.8 | 110.8 | 111.1 | 110.6 | 110.8 | 111.4 | 111.4 | 112.2 | 112.3 | 113.1 | 114.1 | 110.7 | 110.8 | 111.7 | 113.2 | 111.5 |
| 1994 | 114.6 | 115.5 | 116.4 | 116.8 | 117.5 | 118.1 | 118.4 | 118.9 | 119.1 | 119.9 | 120.5 | 121.5 | 115.5 | 117.5 | 118.8 | 120.6 | 118.1 |
| 1995 | 121.8 | 121.7 | 121.9 | 121.4 | 121.3 | 121.4 | 121.5 | 122.7 | 122.8 | 122.2 | 122.6 | 122.7 | 121.8 | 121.4 | 122.3 | 122.5 | 121.9 |
| 1996 | 122.1 | 123.7 | | | | | | | | | | | | | | | |
| Capacity | | | | | | | | | | | | | | | | | |
| 1984 | 113.3 | 113.5 | 113.7 | 113.9 | 114.2 | 114.4 | 114.6 | 114.8 | 115.0 | 115.3 | 115.5 | 115.7 | 113.5 | 114.2 | 114.8 | 115.5 | 114.5 |
| 1985 | 116.0 | 116.2 | 116.5 | 116.8 | 117.1 | 117.3 | 117.6 | 117.9 | 118.2 | 118.4 | 118.7 | 119.0 | 116.2 | 117.1 | 117.9 | 118.7 | 117.5 |
| 1986 | 119.2 | 119.4 | 119.6 | 119.8 | 120.0 | 120.2 | 120.4 | 120.6 | 120.8 | 121.0 | 121.2 | 121.4 | 119.4 | 120.0 | 120.6 | 121.2 | 120.3 |
| 1987 | 121.6 | 121.8 | 122.0 | 122.2 | 122.4 | 122.6 | 122.8 | 123.0 | 123.2 | 123.4 | 123.6 | 123.8 | 121.8 | 122.4 | 123.0 | 123.6 | 122.7 |
| 1988 | 123.9 | 124.1 | 124.2 | 124.4 | 124.5 | 124.7 | 124.8 | 125.0 | 125.1 | 125.3 | 125.4 | 125.5 | 124.1 | 124.5 | 125.0 | 125.4 | 124.7 |
| 1989 | 125.7 | 125.9 | 126.1 | 126.3 | 126.5 | 126.7 | 126.9 | 127.1 | 127.3 | 127.5 | 127.7 | 127.9 | 125.9 | 126.5 | 127.1 | 127.7 | 126.8 |
| 1990 | 128.1 | 128.3 | 128.5 | 128.7 | 128.9 | 129.1 | 129.3 | 129.5 | 129.7 | 129.9 | 130.1 | 130.3 | 128.3 | 128.9 | 129.5 | 130.1 | 129.2 |
| 1991 | 130.5 | 130.7 | 130.9 | 131.1 | 131.3 | 131.5 | 131.7 | 131.9 | 132.1 | 132.3 | 132.5 | 132.7 | 130.7 | 131.3 | 131.9 | 132.5 | 131.6 |
| 1992 | 132.9 | 133.2 | 133.4 | 133.6 | 133.9 | 134.1 | 134.3 | 134.6 | 134.8 | 135.1 | 135.3 | 135.5 | 133.2 | 133.9 | 134.6 | 135.3 | 134.2 |
| 1993 | 135.8 | 136.0 | 136.3 | 136.5 | 136.7 | 137.0 | 137.2 | 137.5 | 137.7 | 137.9 | 138.2 | 138.4 | 136.0 | 136.7 | 137.5 | 138.2 | 137.1 |
| 1994 | 138.7 | 139.1 | 139.5 | 139.8 | 140.2 | 140.5 | 140.9 | 141.3 | 141.7 | 142.0 | 142.4 | 142.8 | 139.1 | 140.2 | 141.3 | 142.4 | 140.8 |
| 1995 | 143.2 | 143.6 | 144.1 | 144.5 | 145.0 | 145.5 | 145.9 | 146.4 | 146.9 | 147.3 | 147.8 | 148.3 | 143.7 | 145.0 | 146.4 | 147.8 | 145.7 |
| 1996 | 148.8 | 149.2 | | | | | | | | | | | | | | | |
| Utilization | | | | | | | | | | | | | | | | | |
| 1984 | 80.4 | 80.1 | 80.8 | 81.1 | 81.5 | 81.8 | 81.9 | 81.8 | 81.6 | 80.9 | 80.8 | 80.2 | 80.4 | 81.4 | 81.8 | 80.6 | 81.1 |
| 1985 | 80.3 | 80.7 | 80.7 | 80.9 | 80.9 | 80.5 | 80.0 | 80.2 | 80.4 | 79.6 | 79.7 | 80.4 | 80.6 | 80.7 | 80.2 | 79.9 | 80.3 |
| 1986 | 80.6 | 79.9 | 79.1 | 79.1 | 78.9 | 78.4 | 78.7 | 78.7 | 78.7 | 79.1 | 79.4 | 79.8 | 79.9 | 78.8 | 78.7 | 79.4 | 79.2 |
| 1987 | 79.3 | 80.3 | 80.5 | 80.8 | 81.2 | 81.8 | 81.9 | 82.0 | 81.8 | 82.7 | 82.7 | 83.1 | 80.1 | 81.3 | 81.9 | 82.8 | 81.5 |
| 1988 | 83.2 | 83.3 | 83.2 | 83.8 | 83.5 | 83.4 | 83.8 | 84.2 | 83.7 | 83.8 | 84.2 | 84.6 | 83.3 | 83.6 | 83.9 | 84.2 | 83.7 |
| 1989 | 84.8 | 84.3 | 84.9 | 84.8 | 84.3 | 83.9 | 83.0 | 83.3 | 82.8 | 82.3 | 82.5 | 82.9 | 84.7 | 84.3 | 83.0 | 82.6 | 83.7 |
| 1990 | 82.4 | 82.7 | 82.8 | 82.1 | 82.6 | 82.6 | 82.4 | 82.5 | 82.4 | 81.8 | 80.7 | 80.2 | 82.6 | 82.5 | 82.4 | 80.9 | 82.1 |
| 1991 | 79.7 | 78.7 | 78.0 | 78.1 | 78.6 | 79.3 | 79.4 | 79.4 | 80.0 | 79.9 | 79.7 | 79.2 | 78.8 | 78.7 | 79.6 | 79.6 | 79.2 |
| 1992 | 78.9 | 79.3 | 79.9 | 80.3 | 80.5 | 80.2 | 80.7 | 80.4 | 80.4 | 80.8 | 81.2 | 81.2 | 79.4 | 80.3 | 80.5 | 81.0 | 80.3 |
| 1993 | 81.3 | 81.5 | 81.4 | 81.4 | 80.9 | 80.9 | 81.2 | 81.1 | 81.5 | 81.4 | 81.8 | 82.4 | 81.4 | 81.0 | 81.2 | 81.9 | 81.4 |
| 1994 | 82.6 | 83.0 | 83.5 | 83.6 | 83.8 | 84.0 | 84.0 | 84.2 | 84.0 | 84.4 | 84.6 | 85.1 | 83.0 | 83.8 | 84.1 | 84.7 | 83.9 |
| 1995 | 85.1 | 84.7 | 84.6 | 84.0 | 83.7 | 83.5 | 83.3 | 83.8 | 83.6 | 82.9 | 82.9 | 82.7 | 84.8 | 83.7 | 83.6 | 82.8 | 83.7 |
| 1996 | 82.1 | 82.9 | | | | | | | | | | | | | | | |

1. Quarterly percent changes are at annual rates. Annual percent changes are calculated from annual averages.

Table 5B
INDUSTRIAL PRODUCTION, CAPACITY AND UTILIZATION FOR MANUFACTURING: HISTORICAL DATA

Seasonally adjusted

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Q1 | Q2 | Q3 | Q4 | Annual |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Industrial Production, Percent Change¹ | | | | | | | | | | | | | | | | | |
| 1984 | 2.3 | .6 | .9 | .4 | .5 | .6 | .4 | .2 | -.1 | .0 | .0 | -.4 | 13.3 | 6.9 | 4.7 | -.3 | 10.4 |
| 1985 | .1 | .6 | .7 | .3 | .6 | -.5 | -.2 | .8 | .2 | -.7 | 1.3 | .1 | 1.7 | 5.1 | 1.0 | 2.4 | 2.6 |
| 1986 | 1.3 | -.4 | -1.0 | .9 | .0 | -.3 | .6 | .5 | .3 | .7 | .5 | 1.0 | 4.6 | .1 | 3.5 | 7.2 | 2.9 |
| 1987 | -.6 | 1.7 | .5 | .4 | .7 | .9 | .4 | .0 | .2 | 1.0 | .4 | .6 | 6.3 | 8.6 | 5.6 | 6.8 | 6.0 |
| 1988 | .2 | .1 | .2 | .7 | -.1 | .0 | .5 | .4 | .0 | .1 | .9 | .6 | 3.6 | 3.3 | 3.0 | 4.4 | 4.7 |
| 1989 | .8 | -.9 | .6 | .2 | -.5 | -.2 | -1.2 | .4 | -.4 | -.5 | .3 | .2 | 4.3 | -.3 | -5.3 | -1.3 | 1.6 |
| 1990 | -.1 | .9 | .4 | -.9 | .5 | .0 | -.3 | .5 | -.1 | -.6 | -1.2 | -.5 | 3.7 | .2 | 1.0 | -5.5 | -.3 |
| 1991 | -.9 | -.9 | -.9 | .3 | .7 | 1.3 | .3 | .3 | 1.0 | .1 | -.2 | -.4 | -9.8 | 1.0 | 8.1 | 2.5 | -2.1 |
| 1992 | .1 | .8 | .9 | .6 | .6 | .0 | .8 | -.1 | .1 | .6 | .6 | .0 | 2.3 | 7.6 | 3.8 | 4.3 | 4.2 |
| 1993 | .8 | .3 | .0 | .4 | -.4 | .0 | .6 | -.1 | .9 | .0 | .8 | 1.1 | 4.6 | 1.2 | 3.0 | 6.0 | 3.9 |
| 1994 | .2 | .9 | 1.0 | .6 | .6 | .3 | .4 | .6 | .2 | .9 | .6 | .9 | 8.9 | 8.5 | 5.1 | 7.9 | 6.6 |
| 1995 | .3 | -.2 | .1 | -.4 | -.3 | .1 | .0 | .7 | .6 | -.4 | .1 | .2 | 3.9 | -2.2 | 2.6 | 1.3 | 3.4 |
| 1996 | -.3 | 1.4 | | | | | | | | | | | | | | | |
| Industrial Production | | | | | | | | | | | | | | | | | |
| 1984 | 87.1 | 87.6 | 88.3 | 88.7 | 89.1 | 89.7 | 90.1 | 90.3 | 90.2 | 90.2 | 90.2 | 89.8 | 87.7 | 89.2 | 90.2 | 90.1 | 89.3 |
| 1985 | 89.9 | 90.4 | 91.1 | 91.4 | 92.0 | 91.5 | 91.3 | 92.0 | 92.3 | 91.6 | 92.8 | 92.8 | 90.5 | 91.6 | 91.9 | 92.4 | 91.6 |
| 1986 | 94.0 | 93.6 | 92.7 | 93.5 | 93.6 | 93.3 | 93.9 | 94.4 | 94.6 | 95.3 | 95.8 | 96.7 | 93.5 | 93.5 | 94.3 | 95.9 | 94.3 |
| 1987 | 96.2 | 97.8 | 98.3 | 98.7 | 99.4 | 100.3 | 100.7 | 100.7 | 100.9 | 102.0 | 102.4 | 103.0 | 97.4 | 99.4 | 100.8 | 102.5 | 100.0 |
| 1988 | 103.2 | 103.4 | 103.6 | 104.3 | 104.2 | 104.2 | 104.7 | 105.1 | 105.2 | 105.3 | 106.2 | 106.8 | 103.4 | 104.2 | 105.0 | 106.1 | 104.7 |
| 1989 | 107.7 | 106.7 | 107.3 | 107.6 | 107.1 | 106.8 | 105.5 | 106.0 | 105.6 | 105.1 | 105.4 | 105.6 | 107.2 | 107.2 | 105.7 | 105.4 | 106.4 |
| 1990 | 105.5 | 106.5 | 107.0 | 106.0 | 106.6 | 106.6 | 106.3 | 106.9 | 106.8 | 106.2 | 104.9 | 104.4 | 106.3 | 106.4 | 106.6 | 105.1 | 106.1 |
| 1991 | 103.4 | 102.5 | 101.5 | 101.8 | 102.5 | 103.8 | 104.2 | 104.5 | 105.6 | 105.7 | 105.5 | 105.1 | 102.5 | 102.7 | 104.8 | 105.4 | 103.8 |
| 1992 | 105.1 | 105.9 | 106.9 | 107.6 | 108.2 | 108.1 | 109.0 | 108.9 | 109.0 | 109.7 | 110.4 | 110.3 | 106.0 | 108.0 | 109.0 | 110.1 | 108.2 |
| 1993 | 111.2 | 111.5 | 111.5 | 112.0 | 111.6 | 111.6 | 112.3 | 112.2 | 113.2 | 113.2 | 114.1 | 115.3 | 111.4 | 111.7 | 112.5 | 114.2 | 112.3 |
| 1994 | 115.5 | 116.6 | 117.8 | 118.5 | 119.1 | 119.5 | 120.0 | 120.7 | 120.9 | 122.0 | 122.7 | 123.8 | 116.6 | 119.0 | 120.5 | 122.8 | 119.7 |
| 1995 | 124.1 | 123.9 | 124.0 | 123.5 | 123.2 | 123.3 | 123.3 | 124.2 | 124.9 | 124.4 | 124.5 | 124.7 | 124.0 | 123.3 | 124.1 | 124.5 | 123.9 |
| 1996 | 124.3 | 126.1 | | | | | | | | | | | | | | | |
| Capacity | | | | | | | | | | | | | | | | | |
| 1984 | 109.4 | 109.7 | 110.0 | 110.3 | 110.6 | 110.9 | 111.2 | 111.5 | 111.8 | 112.1 | 112.4 | 112.7 | 109.7 | 110.6 | 111.5 | 112.4 | 111.1 |
| 1985 | 113.1 | 113.4 | 113.8 | 114.2 | 114.6 | 115.0 | 115.3 | 115.7 | 116.1 | 116.5 | 116.9 | 117.2 | 113.4 | 114.6 | 115.7 | 116.9 | 115.2 |
| 1986 | 117.6 | 117.9 | 118.2 | 118.5 | 118.8 | 119.1 | 119.3 | 119.6 | 119.9 | 120.2 | 120.5 | 120.8 | 117.9 | 118.8 | 119.6 | 120.5 | 119.2 |
| 1987 | 121.2 | 121.5 | 121.7 | 121.9 | 122.2 | 122.4 | 122.7 | 122.9 | 123.2 | 123.4 | 123.7 | 123.9 | 121.5 | 122.2 | 122.9 | 123.7 | 122.6 |
| 1988 | 124.1 | 124.3 | 124.5 | 124.7 | 124.9 | 125.1 | 125.3 | 125.5 | 125.7 | 125.9 | 126.0 | 126.2 | 124.3 | 124.9 | 125.5 | 126.0 | 125.2 |
| 1989 | 126.5 | 126.7 | 127.0 | 127.2 | 127.4 | 127.7 | 127.9 | 128.2 | 128.4 | 128.7 | 128.9 | 129.2 | 126.7 | 127.4 | 128.2 | 128.9 | 127.8 |
| 1990 | 129.4 | 129.6 | 129.8 | 130.1 | 130.3 | 130.5 | 130.7 | 130.9 | 131.2 | 131.4 | 131.6 | 131.8 | 129.6 | 130.3 | 130.9 | 131.6 | 130.6 |
| 1991 | 132.0 | 132.2 | 132.5 | 132.7 | 132.9 | 133.1 | 133.3 | 133.5 | 133.7 | 133.9 | 134.2 | 134.4 | 132.2 | 132.9 | 133.5 | 134.2 | 133.2 |
| 1992 | 134.6 | 134.9 | 135.2 | 135.5 | 135.7 | 136.0 | 136.3 | 136.6 | 136.8 | 137.1 | 137.4 | 137.7 | 134.9 | 135.7 | 136.6 | 137.4 | 136.1 |
| 1993 | 138.0 | 138.2 | 138.5 | 138.8 | 139.1 | 139.4 | 139.7 | 139.9 | 140.2 | 140.5 | 140.8 | 141.1 | 138.2 | 139.1 | 139.9 | 140.8 | 139.5 |
| 1994 | 141.5 | 141.9 | 142.3 | 142.7 | 143.1 | 143.6 | 144.0 | 144.4 | 144.9 | 145.3 | 145.7 | 146.2 | 141.9 | 143.1 | 144.4 | 145.7 | 143.8 |
| 1995 | 146.6 | 147.2 | 147.7 | 148.2 | 148.7 | 149.2 | 149.8 | 150.3 | 150.9 | 151.4 | 152.0 | 152.5 | 147.2 | 148.7 | 150.3 | 152.0 | 149.5 |
| 1996 | 153.0 | 153.5 | | | | | | | | | | | | | | | |
| Utilization | | | | | | | | | | | | | | | | | |
| 1984 | 79.6 | 79.9 | 80.3 | 80.4 | 80.6 | 80.9 | 81.0 | 80.9 | 80.7 | 80.5 | 80.3 | 79.7 | 79.9 | 80.6 | 80.9 | 80.2 | 80.4 |
| 1985 | 79.5 | 79.7 | 80.0 | 80.0 | 80.3 | 79.6 | 79.2 | 79.5 | 79.5 | 78.6 | 79.4 | 79.2 | 79.8 | 80.0 | 79.4 | 79.1 | 79.5 |
| 1986 | 80.0 | 79.4 | 78.5 | 79.0 | 78.8 | 78.4 | 78.7 | 78.9 | 78.9 | 79.3 | 79.5 | 80.0 | 79.3 | 78.7 | 78.8 | 79.6 | 79.1 |
| 1987 | 79.3 | 80.5 | 80.7 | 80.9 | 81.3 | 81.9 | 82.1 | 81.9 | 81.9 | 82.6 | 82.8 | 83.1 | 80.2 | 81.4 | 82.0 | 82.8 | 81.6 |
| 1988 | 83.2 | 83.1 | 83.2 | 83.6 | 83.4 | 83.3 | 83.6 | 83.8 | 83.7 | 83.7 | 84.3 | 84.6 | 83.2 | 83.5 | 83.7 | 84.2 | 83.6 |
| 1989 | 85.2 | 84.2 | 84.6 | 84.6 | 84.0 | 83.7 | 82.5 | 82.7 | 82.2 | 81.7 | 81.8 | 81.8 | 84.6 | 84.1 | 82.5 | 81.7 | 83.2 |
| 1990 | 81.6 | 82.2 | 82.4 | 81.5 | 81.8 | 81.7 | 81.3 | 81.6 | 81.4 | 80.8 | 79.7 | 79.2 | 82.0 | 81.7 | 81.4 | 79.9 | 81.3 |
| 1991 | 78.3 | 77.5 | 76.6 | 76.8 | 77.2 | 78.0 | 78.2 | 78.3 | 78.9 | 78.9 | 78.6 | 78.2 | 77.5 | 77.3 | 78.5 | 78.6 | 78.0 |
| 1992 | 78.1 | 78.5 | 79.1 | 79.4 | 79.7 | 79.5 | 80.0 | 79.8 | 79.7 | 80.0 | 80.3 | 80.1 | 78.6 | 79.6 | 79.8 | 80.2 | 79.5 |
| 1993 | 80.6 | 80.6 | 80.5 | 80.7 | 80.2 | 80.0 | 80.4 | 80.2 | 80.7 | 80.6 | 81.0 | 81.7 | 80.6 | 80.3 | 80.4 | 81.1 | 80.6 |
| 1994 | 81.7 | 82.2 | 82.8 | 83.0 | 83.2 | 83.2 | 83.3 | 83.6 | 83.5 | 83.9 | 84.2 | 84.7 | 82.2 | 83.2 | 83.4 | 84.3 | 83.3 |
| 1995 | 84.6 | 84.2 | 84.0 | 83.3 | 82.8 | 82.6 | 82.3 | 82.6 | 82.8 | 82.1 | 81.9 | 81.8 | 84.3 | 82.9 | 82.6 | 82.0 | 82.9 |
| 1996 | 81.2 | 82.1 | | | | | | | | | | | | | | | |

1. Quarterly percent changes are at annual rates. Annual percent changes are calculated from annual averages.

Table 6
INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

| Item | SIC | Index, 1987 = 100 | | | | | | | | | | | | | |
|---------------------------------|------------|--------------------------|-------|---------------------|-------|-------|-------------------|-------------------|------------------------|-------------------------|-------|-------|-------------------|-------------------|------------------------|
| | | 1992 | | Seasonally adjusted | | | | | | Not seasonally adjusted | | | | | |
| | | Value added ¹ | Index | 1995 Aug. | Sept. | Oct. | Nov. ^f | Dec. ^f | 1996 Jan. ^f | 1995 Aug. | Sept. | Oct. | Nov. ^f | Dec. ^f | 1996 Jan. ^f |
| Metal mining | 10 | .46 | 163.7 | 172.1 | 170.8 | 178.3 | 175.9 | 175.8 | 174.2 | 173.0 | 173.2 | 173.1 | 173.0 | 172.9 | 168.4 |
| Iron ore | 101 | .06 | 116.3 | 134.5 | 132.1 | 140.0 | 129.8 | | | 137.8 | 136.2 | 137.1 | 129.0 | | |
| Nonferrous ores | 102-4,8,9 | .40 | 173.2 | 179.5 | 178.4 | 185.9 | 185.0 | 184.1 | 181.6 | 179.7 | 180.3 | 180.1 | 181.7 | 180.3 | 176.5 |
| Copper | 102 | .13 | 141.9 | 152.5 | 155.9 | 156.3 | 150.5 | 155.6 | | 155.1 | 157.2 | 157.2 | 147.4 | 153.3 | |
| Coal mining | 12 | 1.03 | 108.2 | 109.7 | 116.2 | 112.3 | 109.5 | 108.5 | 103.3 | 113.2 | 117.9 | 114.2 | 109.4 | 104.9 | 105.4 |
| Oil and gas extraction | 13 | 4.79 | 93.2 | 92.4 | 91.2 | 89.2 | 90.1 | 89.4 | 90.1 | 91.0 | 90.7 | 90.4 | 92.9 | 92.1 | 91.3 |
| Crude oil and natural gas | 131 | 3.99 | 93.8 | 91.2 | 89.7 | 88.2 | 89.4 | 88.7 | 89.0 | 89.4 | 88.4 | 88.2 | 90.8 | 90.5 | 90.4 |
| Crude oil, total | | 2.31 | 85.9 | 77.5 | 75.9 | 75.6 | 77.3 | 75.3 | 76.3 | 76.5 | 75.4 | 76.2 | 77.7 | 76.3 | 76.7 |
| Natural gas | | 1.67 | 107.5 | 114.9 | 113.7 | 110.1 | 110.4 | 111.9 | | 111.6 | 111.0 | 108.9 | 113.6 | 115.1 | |
| Natural gas liquids | 132 | .25 | 109.4 | 111.5 | 114.3 | 112.7 | 114.0 | 108.4 | 113.3 | 111.9 | 114.7 | 114.2 | 115.4 | 107.7 | 111.1 |
| Oil and gas well drilling | 138 | .55 | 79.9 | 89.5 | 88.3 | 83.5 | 83.1 | 83.8 | 85.1 | 90.2 | 92.6 | 92.2 | 93.8 | 92.9 | 86.5 |
| Stone and earth minerals | 14 | .58 | 99.1 | 111.6 | 113.1 | 112.4 | 110.9 | 112.3 | 111.0 | 120.0 | 121.5 | 118.8 | 113.3 | 107.0 | 95.2 |
| Foods | 20 | 9.42 | 106.9 | 115.5 | 115.5 | 115.4 | 114.8 | 114.8 | 115.0 | 122.9 | 124.1 | 121.2 | 114.9 | 111.4 | 109.5 |
| Meat products | 201 | 1.14 | 114.5 | 124.3 | 127.0 | 126.0 | 129.8 | 130.6 | 129.4 | 127.7 | 130.9 | 133.2 | 128.8 | 125.8 | 127.8 |
| Beef | | .44 | 97.8 | 107.2 | 110.4 | 106.3 | 110.4 | 110.7 | 110.0 | 113.2 | 115.4 | 110.9 | 106.8 | 104.0 | 108.5 |
| Pork | | .28 | 119.7 | 124.9 | 119.9 | 121.8 | 125.7 | 123.1 | 124.5 | 120.6 | 122.7 | 131.5 | 134.5 | 128.6 | 124.3 |
| Poultry | | .41 | 132.9 | 147.1 | 154.8 | 156.5 | 159.6 | 163.8 | 159.9 | 152.9 | 157.9 | 165.3 | 155.0 | 153.8 | 157.0 |
| Miscellaneous meats | | .01 | 88.2 | 79.8 | 82.2 | 80.9 | 82.1 | 81.7 | 82.0 | 76.7 | 80.6 | 81.8 | 81.8 | 84.0 | 82.9 |
| Dairy products | 202 | .96 | 103.3 | 111.9 | 113.2 | 112.5 | 112.4 | 111.7 | 112.0 | 109.0 | 107.0 | 104.8 | 103.5 | 107.4 | 107.6 |
| Butter | 2021 | .01 | 101.1 | 89.0 | 91.6 | 90.7 | 89.1 | 93.8 | 84.8 | 67.2 | 74.8 | 84.1 | 81.4 | 101.0 | 107.0 |
| Cheese | 2022 | .27 | 122.2 | 132.5 | 137.3 | 133.9 | 138.4 | 139.0 | 138.7 | 127.7 | 135.9 | 133.8 | 138.5 | 139.3 | 134.4 |
| Concentrated milk | 2023 | .20 | 102.8 | 121.0 | 121.9 | 118.0 | 113.8 | 116.3 | 117.9 | 106.0 | 99.3 | 99.1 | 95.9 | 118.6 | 118.6 |
| Frozen desserts | 2024 | .13 | 121.4 | 130.7 | 127.6 | 134.0 | 130.8 | 117.7 | 121.0 | 150.9 | 127.4 | 115.8 | 101.9 | 86.1 | 92.6 |
| Milk and misc. dairy products | 2026 | .36 | 90.2 | 93.6 | 94.3 | 94.7 | 95.0 | 95.1 | 94.5 | 92.0 | 92.0 | 91.1 | 90.7 | 91.7 | 93.1 |
| Canned and frozen food | 203 | 1.37 | 107.9 | 116.2 | 111.9 | 111.3 | 110.4 | 114.3 | 115.4 | 136.5 | 139.0 | 126.9 | 111.9 | 106.4 | 102.8 |
| Grain mill products | 204 | 1.26 | 109.3 | 117.0 | 120.0 | 118.7 | 117.0 | 114.5 | 114.1 | 119.8 | 124.3 | 121.7 | 120.0 | 116.3 | 111.1 |
| Bakery products | 205 | 1.07 | 93.2 | 98.3 | 98.4 | 98.7 | 95.1 | 94.3 | 95.6 | 108.8 | 109.5 | 101.3 | 92.8 | 89.4 | 88.9 |
| Sugar and confectionery | 206 | .66 | 111.0 | 113.5 | 111.4 | 113.3 | 112.4 | 118.7 | 115.4 | 110.9 | 120.9 | 136.7 | 136.9 | 137.1 | 120.0 |
| Fats and oils | 207 | .23 | 110.1 | 116.7 | 112.9 | 114.6 | 113.8 | 112.9 | 112.3 | 110.0 | 111.6 | 120.3 | 121.3 | 116.1 | 113.5 |
| Beverages | 208 | 1.75 | 109.2 | 118.8 | 120.1 | 121.3 | 119.7 | 117.3 | 118.1 | 129.4 | 127.0 | 123.9 | 114.7 | 105.0 | 108.0 |
| Beer and ale | 2082,3 | .62 | 115.2 | 118.7 | 119.7 | 120.0 | | | | 126.9 | 112.7 | 113.8 | | | |
| Soft drinks | 2086,7 | .89 | 109.1 | 125.4 | 126.2 | 127.5 | 125.5 | 119.7 | 121.3 | 142.7 | 144.1 | 131.0 | 120.1 | 111.0 | 110.3 |
| Coffee and miscellaneous | 209 | .98 | 106.3 | 122.4 | 120.3 | 120.1 | 121.4 | 120.7 | 121.2 | 132.5 | 130.6 | 125.1 | 120.7 | 121.0 | 118.0 |
| Roasted coffee | 2095 | .16 | 91.2 | 98.5 | 88.7 | 94.9 | 97.2 | 91.9 | | 96.8 | 85.3 | 101.2 | 100.9 | 114.7 | |
| Tobacco products | 21 | 1.63 | 95.8 | 91.3 | 90.2 | 88.2 | 88.9 | 85.9 | 85.1 | 97.3 | 94.0 | 98.7 | 86.9 | 70.4 | 84.1 |
| Textile mill products | 22 | 1.79 | 104.0 | 112.4 | 110.5 | 111.1 | 108.9 | 108.2 | 103.6 | 116.3 | 113.9 | 116.4 | 106.2 | 97.3 | 99.3 |
| Fabrics | 221-4 | .48 | 99.4 | 107.9 | 104.2 | 107.7 | 103.9 | 103.4 | 98.0 | 109.8 | 103.1 | 109.4 | 103.1 | 96.4 | 99.4 |
| Cotton and synthetic | 221,2 | .39 | 99.0 | 109.6 | 105.2 | 109.7 | 105.2 | 105.2 | 98.9 | 112.7 | 105.0 | 113.0 | 105.1 | 97.0 | 100.3 |
| Narrow fabrics | 224 | .04 | 103.5 | 113.4 | 113.2 | 111.6 | 109.6 | 103.8 | 100.6 | 114.5 | 114.8 | 111.2 | 111.0 | 105.7 | 100.0 |
| Knit goods | 225 | .48 | 116.7 | 127.0 | 124.3 | 127.4 | 125.5 | 121.9 | 121.8 | 136.9 | 136.3 | 136.9 | 121.3 | 110.5 | 101.7 |
| Knit garments | 2253,4,7-9 | .35 | 116.7 | 133.6 | 129.9 | 134.3 | 131.6 | 126.7 | 127.5 | 152.5 | 148.6 | 139.9 | 124.8 | 116.9 | 104.8 |
| Fabric finishing | 226 | .17 | 95.2 | 97.7 | 91.1 | 99.5 | 95.6 | 87.7 | 84.4 | 100.9 | 91.1 | 102.4 | 95.7 | 78.9 | 86.9 |
| Carpeting | 227 | .21 | 97.0 | 99.4 | 105.4 | 97.7 | 96.9 | 108.3 | 93.2 | 101.2 | 107.1 | 111.5 | 87.3 | 83.7 | 92.5 |
| Yarns and miscellaneous | 228,9 | .45 | 103.5 | 114.8 | 114.0 | 109.7 | 109.1 | 108.3 | 106.1 | 116.6 | 116.1 | 112.1 | 108.1 | 99.1 | 104.5 |
| Cotton and synthetic yarns | 2281,2,4 | .24 | 100.6 | 110.1 | 108.6 | 100.4 | 99.7 | 99.3 | 96.8 | 113.1 | 110.4 | 103.8 | 96.4 | 81.9 | 95.7 |
| Apparel products | 23 | 2.19 | 95.0 | 94.5 | 94.5 | 93.3 | 92.4 | 91.6 | 89.2 | 97.4 | 97.5 | 94.4 | 93.0 | 91.2 | 85.8 |
| Lumber and products | 24 | 1.99 | 95.2 | 103.7 | 106.2 | 105.7 | 104.8 | 106.9 | 104.4 | 107.7 | 109.7 | 111.0 | 103.4 | 99.9 | 100.8 |
| Logging and lumber | 241,2 | .84 | 95.2 | 94.0 | 98.7 | 96.8 | 95.0 | 97.8 | 95.9 | 98.0 | 102.7 | 104.2 | 93.3 | 90.2 | 93.1 |
| Logging | 241 | .31 | 85.0 | 85.8 | 84.9 | 86.2 | 87.2 | 85.1 | 85.7 | 92.8 | 92.0 | 94.0 | 87.4 | 82.9 | 79.9 |
| Lumber products | 243-5,9 | 1.16 | 95.2 | 110.7 | 111.6 | 112.1 | 112.2 | 113.4 | 110.4 | 114.8 | 114.8 | 116.0 | 110.7 | 106.8 | 106.4 |
| Millwork and plywood | 243 | .65 | 89.5 | 97.0 | 96.7 | 96.7 | 96.7 | 97.4 | 94.7 | 100.5 | 99.2 | 98.9 | 96.7 | 95.1 | 91.7 |
| Plywood | 2435,6 | .18 | 86.2 | 88.4 | 85.5 | 85.2 | 84.9 | 88.7 | 85.9 | 91.0 | 88.3 | 88.8 | 83.1 | 80.7 | 83.3 |
| Manufactured homes | 245 | .15 | 94.2 | 155.9 | 158.0 | 158.9 | 161.8 | 164.4 | 158.1 | 169.1 | 166.4 | 175.9 | 157.9 | 135.8 | 140.0 |

1. Proportion as a share of the value added for the total index.

Table 6 (continued)
INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

| Item | SIC | Index, 1987 = 100 | | | | | | | | | | | | | |
|--|-----------|--------------------------|-------|---------------------|-------|-------|-------------------|-------------------|------------------------|-------------------------|-------|-------|-------------------|-------------------|------------------------|
| | | 1992 | | Seasonally adjusted | | | | | | Not seasonally adjusted | | | | | |
| | | Value added ¹ | Index | 1995 Aug. | Sept. | Oct. | Nov. ^f | Dec. ^f | 1996 Jan. ^f | 1995 Aug. | Sept. | Oct. | Nov. ^f | Dec. ^f | 1996 Jan. ^f |
| Furniture and fixtures | 25 | 1.37 | 99.2 | 110.9 | 112.0 | 110.9 | 109.8 | 109.3 | 108.6 | 118.0 | 117.9 | 111.9 | 107.7 | 107.8 | 104.8 |
| Household furniture | 251 | .63 | 97.1 | 106.0 | 107.4 | 108.5 | 106.4 | 106.8 | 105.2 | 110.8 | 111.7 | 108.9 | 103.6 | 105.7 | 102.5 |
| Paper and products | 26 | 3.60 | 110.0 | 118.6 | 118.5 | 119.7 | 116.2 | 117.7 | 115.1 | 119.8 | 118.6 | 122.0 | 115.4 | 112.1 | 117.1 |
| Pulp and paper | 261-3 | 1.53 | 110.4 | 119.7 | 116.8 | 119.4 | 114.0 | 114.2 | 112.9 | 119.8 | 117.2 | 119.3 | 114.4 | 111.1 | 115.0 |
| Wood pulp | 261 | .15 | 109.9 | 114.8 | 113.2 | 112.0 | 107.0 | 107.9 | | 113.0 | 111.7 | 112.1 | 106.9 | 107.4 | |
| Paper | 262 | .89 | 109.8 | 118.0 | 115.6 | 119.2 | 113.6 | 115.2 | 114.0 | 119.1 | 115.9 | 119.6 | 114.7 | 111.1 | 116.1 |
| Paperboard | 263 | .49 | 111.8 | 124.4 | 120.4 | 122.3 | 117.2 | 114.4 | 113.0 | 123.2 | 121.5 | 121.1 | 116.5 | 112.3 | 114.7 |
| Paper products | 265,7 | 2.07 | 109.6 | 117.9 | 119.7 | 120.0 | 117.7 | 120.5 | 116.7 | 119.7 | 119.6 | 123.9 | 116.1 | 112.8 | 118.6 |
| Paperboard containers | 265 | .74 | 112.3 | 120.0 | 126.1 | 121.5 | 123.3 | 129.9 | 121.1 | 122.6 | 126.4 | 134.6 | 117.4 | 114.9 | 122.4 |
| Converted paper products | 267 | 1.33 | 108.1 | 116.7 | 116.2 | 119.1 | 114.7 | 115.5 | 114.3 | 118.1 | 115.8 | 118.1 | 115.4 | 111.7 | 116.5 |
| Printing and publishing | 27 | 6.76 | 98.1 | 100.5 | 99.8 | 98.9 | 99.3 | 99.0 | 98.5 | 106.7 | 105.6 | 99.8 | 97.7 | 96.9 | 94.0 |
| Newspapers | 271 | 1.63 | 77.0 | 72.1 | 71.1 | 69.3 | 67.4 | 68.3 | 68.8 | 69.3 | 70.2 | 69.8 | 68.7 | 69.4 | 66.8 |
| Periodicals, books, and cards | 272,3,7 | 2.01 | 103.5 | 106.0 | 106.0 | 105.7 | 106.6 | 103.8 | 102.0 | 106.2 | 105.7 | 102.7 | 105.7 | 105.3 | 101.3 |
| Job printing | 274-6,8,9 | 3.12 | 107.3 | 114.9 | 114.0 | 113.5 | 115.3 | 115.6 | 115.4 | 131.5 | 128.5 | 117.0 | 111.1 | 108.9 | 106.5 |
| Chemicals and products | 28 | 9.85 | 114.4 | 124.4 | 125.3 | 126.7 | 126.0 | 126.1 | 126.2 | 131.2 | 132.1 | 126.9 | 122.5 | 119.8 | 121.1 |
| Industrial chemicals and synthetic materials | 281,2,6 | 3.82 | 113.5 | 120.1 | 120.4 | 120.4 | 120.0 | 119.2 | 119.1 | 120.0 | 121.3 | 120.5 | 119.4 | 116.2 | 117.9 |
| Basic chemicals | 281 | 1.00 | 117.6 | 110.0 | 109.0 | 110.6 | 110.1 | 108.9 | 110.9 | 111.2 | 111.4 | 111.3 | 110.4 | 105.8 | 108.9 |
| Alkalies and chlorine | 2812 | .08 | 105.4 | 119.6 | 117.5 | 115.6 | 112.5 | 117.5 | | 120.3 | 116.9 | 116.2 | 114.0 | 118.6 | |
| Inorganic pigments | 2816 | .12 | 114.2 | 114.9 | 107.4 | 118.3 | 111.0 | 102.0 | 116.5 | 114.0 | 108.9 | 111.1 | 109.2 | 100.3 | 112.4 |
| Inorganic chemicals, nec | 2819 | .67 | 122.4 | 103.1 | 103.3 | 104.8 | 105.1 | 104.5 | 104.8 | 104.8 | 106.4 | 107.4 | 105.4 | 100.6 | 102.7 |
| Acids and other | | .40 | 119.4 | 120.7 | 121.1 | 123.4 | 124.4 | 124.4 | 123.1 | 124.4 | 126.9 | 126.5 | 125.2 | 116.4 | 118.7 |
| Synthetic materials | 282 | 1.25 | 110.4 | 119.3 | 122.9 | 123.7 | 125.0 | 124.5 | 123.0 | 118.5 | 123.3 | 124.6 | 123.5 | 117.3 | 119.9 |
| Plastics materials | 2821 | .75 | 112.0 | 115.7 | 120.6 | 122.1 | 123.8 | 123.2 | | 114.0 | 121.1 | 123.6 | 122.2 | 116.0 | |
| Synthetic fibers | 2823,4 | .39 | 105.9 | 116.7 | 120.7 | 121.5 | 122.6 | 121.9 | 118.0 | 117.6 | 121.4 | 122.5 | 120.8 | 114.8 | 115.1 |
| Industrial organic chemicals | 286 | 1.57 | 113.8 | 127.4 | 125.7 | 124.3 | 122.5 | 121.8 | 121.5 | 127.2 | 126.3 | 123.3 | 122.0 | 122.1 | 122.2 |
| Chemical products | 283-5,9 | 5.51 | 114.8 | 126.6 | 127.9 | 130.2 | 129.5 | 130.1 | 130.4 | 139.0 | 139.8 | 130.7 | 123.4 | 121.0 | 122.1 |
| Drugs and medicines | 283 | 2.91 | 127.4 | 145.0 | 145.9 | 146.3 | 144.3 | 146.1 | 146.0 | 161.5 | 163.1 | 147.3 | 137.6 | 137.1 | 134.7 |
| Soap and toiletries | 284 | 1.57 | 109.4 | 115.4 | 117.5 | 121.4 | 122.9 | 120.8 | 122.2 | 126.8 | 127.6 | 121.2 | 117.8 | 113.9 | 116.3 |
| Paints | 285 | .43 | 95.0 | 105.1 | 103.4 | 107.9 | 111.0 | 110.9 | 109.5 | 112.4 | 107.6 | 109.7 | 96.7 | 82.8 | 94.1 |
| Agricultural chemicals | 287 | .52 | 118.8 | 134.0 | 132.8 | 134.5 | 133.6 | 134.1 | 134.5 | 131.6 | 131.7 | 135.4 | 135.9 | 134.4 | 135.7 |
| Petroleum products | 29 | 1.43 | 102.6 | 108.5 | 110.0 | 106.9 | 107.4 | 108.8 | 109.9 | 113.6 | 114.9 | 109.0 | 110.0 | 109.5 | 102.5 |
| Petroleum refining and misc. | 291,9 | 1.25 | 104.3 | 107.7 | 110.0 | 105.8 | 106.4 | 107.7 | 109.1 | 111.4 | 113.2 | 106.5 | 108.2 | 109.2 | 104.0 |
| Miscellaneous petroleum products | | .23 | 105.1 | 111.9 | 108.4 | 103.2 | 104.3 | 107.5 | 107.2 | 127.7 | 122.0 | 105.7 | 97.9 | 92.7 | 86.5 |
| Distillate fuel oil | | .23 | 109.0 | 115.6 | 118.4 | 112.2 | 115.7 | 117.9 | 119.1 | 114.7 | 120.5 | 116.4 | 122.5 | 122.4 | 114.9 |
| Residual fuel oil | | .04 | 100.8 | 93.3 | 95.4 | 85.6 | 75.3 | 90.3 | 90.3 | 90.3 | 91.5 | 81.6 | 79.2 | 96.6 | 90.7 |
| Aviation fuel and kerosene | | .12 | 101.0 | 99.4 | 106.9 | 106.7 | 108.4 | 107.5 | 116.7 | 102.1 | 107.0 | 104.7 | 110.1 | 113.9 | 120.4 |
| Automotive gasoline | | .62 | 103.2 | 106.0 | 109.1 | 105.7 | 105.6 | 105.4 | 106.1 | 107.4 | 110.1 | 105.3 | 108.5 | 110.6 | 104.3 |
| Paving and roofing materials | 295 | .18 | 93.5 | 114.6 | 112.9 | 115.1 | 114.2 | 117.4 | 115.7 | 129.2 | 127.3 | 126.3 | 123.3 | 113.0 | 94.2 |
| Rubber and plastics products | 30 | 3.51 | 116.2 | 138.7 | 139.8 | 139.7 | 140.3 | 139.0 | 138.2 | 139.3 | 141.3 | 141.7 | 139.8 | 137.4 | 136.5 |
| Tires | 301 | .39 | 120.5 | 144.1 | 144.4 | 142.8 | 147.5 | 138.7 | 137.5 | 143.2 | 142.6 | 151.9 | 138.2 | 117.5 | 140.8 |
| Other rubber products | 302,5,6 | .59 | 105.9 | 122.0 | 123.0 | 122.3 | 121.6 | 118.8 | 120.5 | 127.0 | 127.3 | 123.8 | 119.5 | 115.1 | 113.5 |
| Plastics products, nec | 308 | 2.54 | 118.0 | 142.0 | 143.2 | 143.5 | 143.6 | 143.7 | 142.7 | 141.7 | 144.5 | 144.6 | 145.0 | 145.9 | 141.5 |
| Leather and products | 31 | .27 | 89.0 | 80.8 | 80.5 | 79.7 | 78.2 | 76.8 | 76.0 | 82.4 | 82.6 | 81.0 | 79.6 | 77.2 | 74.4 |
| Shoes | 314 | .12 | 83.2 | 73.8 | 73.9 | 71.5 | 70.5 | 67.8 | 66.4 | 76.6 | 75.9 | 72.3 | 71.2 | 68.0 | 65.9 |
| Stone, clay, and glass products | 32 | 2.07 | 95.3 | 103.0 | 103.8 | 104.5 | 104.9 | 104.2 | 104.5 | 106.8 | 107.0 | 107.6 | 105.1 | 100.2 | 98.4 |
| Pressed and blown glass | 322 | .35 | 100.7 | 94.8 | 89.9 | 92.9 | 90.7 | 94.2 | 98.0 | 98.3 | 91.3 | 95.3 | 89.5 | 82.7 | 91.1 |
| Glass containers | 3221 | .18 | 93.5 | 77.6 | 71.0 | 76.9 | 71.3 | 75.4 | 80.6 | 81.0 | 70.8 | 79.3 | 68.9 | 57.5 | 73.2 |
| Cement | 324 | .13 | 88.3 | 96.4 | 96.7 | 99.9 | 99.0 | | | 117.5 | 115.2 | 120.3 | 97.0 | | |
| Structural clay products | 325 | .10 | 87.9 | 90.5 | 90.3 | 87.3 | 86.4 | 84.6 | 83.4 | 95.1 | 92.5 | 89.1 | 84.6 | 77.4 | 76.0 |
| Concrete and miscellaneous | 326-9 | 1.18 | 92.7 | 101.2 | 103.4 | 103.4 | 105.2 | 103.8 | 102.8 | 103.2 | 105.2 | 105.1 | 106.3 | 104.1 | 101.0 |

1. Proportion as a share of the value added for the total index.

Table 6 (continued)
INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

| Item | SIC | Index, 1987 = 100 | | | | | | | | | | | | | |
|---|----------------|--------------------------|-------|---------------------|------------|-----------|------------------------|------------------------|------------------------|-------------------------|------------|-----------|------------------------|------------------------|------------------------|
| | | 1992 | | Seasonally adjusted | | | | | | Not seasonally adjusted | | | | | |
| | | Value added ¹ | Index | 1995 Aug. | 1995 Sept. | 1995 Oct. | 1995 Nov. ^f | 1995 Dec. ^f | 1996 Jan. ^f | 1995 Aug. | 1995 Sept. | 1995 Oct. | 1995 Nov. ^f | 1995 Dec. ^f | 1996 Jan. ^f |
| Primary metals | 33 | 3.11 | 101.9 | 115.4 | 121.0 | 115.7 | 120.8 | 120.1 | 121.5 | 113.0 | 121.7 | 115.7 | 119.8 | 116.8 | 120.9 |
| Iron and steel | 331,2 | 1.74 | 104.7 | 117.7 | 127.0 | 115.1 | 126.1 | 123.1 | 127.1 | 114.5 | 127.3 | 114.8 | 124.8 | 118.8 | 125.4 |
| Basic steel and mill products | 331 | 1.33 | 106.9 | 118.5 | 130.8 | 114.5 | 130.9 | 125.4 | 132.9 | 115.8 | 130.5 | 113.6 | 128.0 | 120.7 | 132.6 |
| Basic iron and steel | | .30 | 102.4 | 112.0 | 115.6 | 109.8 | 113.5 | 111.6 | 111.9 | 109.3 | 113.9 | 109.7 | 113.3 | 110.7 | 112.1 |
| Pig iron | | .18 | 106.9 | 117.1 | 121.5 | 114.7 | 118.5 | 114.3 | 116.8 | 114.2 | 119.0 | 114.2 | 119.3 | 116.0 | 117.2 |
| Raw steel | | .09 | 101.2 | 114.2 | 118.6 | 111.3 | 116.4 | 118.0 | 113.9 | 110.6 | 117.3 | 111.9 | 114.8 | 112.0 | 114.1 |
| Steel mill products | | 1.03 | 108.4 | 120.5 | 135.5 | 116.0 | 136.4 | 129.6 | 139.5 | 117.8 | 135.6 | 114.8 | 132.6 | 123.8 | 139.0 |
| Consumer durable steel | | .16 | 98.0 | 116.9 | 125.4 | 108.9 | 123.2 | 114.4 | 133.3 | 110.8 | 124.3 | 109.4 | 121.8 | 110.1 | 130.7 |
| Equipment steel | | .11 | 93.5 | 104.0 | 119.0 | 97.0 | 113.0 | 114.4 | 123.0 | 98.8 | 116.9 | 95.0 | 110.9 | 108.5 | 127.1 |
| Construction steel | | .11 | 108.8 | 127.0 | 143.0 | 123.1 | 141.2 | 147.6 | 164.6 | 129.8 | 147.1 | 127.9 | 142.0 | 140.5 | 155.0 |
| Can and closure steel | | .05 | 93.4 | 90.9 | 105.3 | 88.3 | 89.6 | 103.0 | 98.3 | 91.0 | 100.9 | 77.3 | 85.8 | 125.7 | 84.7 |
| Miscellaneous steel | | .60 | 116.3 | 127.0 | 143.9 | 123.7 | 149.2 | 136.9 | 144.2 | 124.5 | 144.5 | 122.0 | 143.5 | 131.0 | 146.2 |
| Iron and steel foundries | 332 | .41 | 97.5 | 114.7 | 115.1 | 115.6 | 111.7 | 114.9 | 108.9 | 110.0 | 117.2 | 117.4 | 114.2 | 112.1 | 103.3 |
| Nonferrous metals | 333-6,9 | 1.37 | 98.1 | 111.9 | 113.2 | 115.8 | 113.8 | 116.0 | 114.1 | 110.6 | 114.4 | 116.3 | 113.4 | 113.8 | 115.1 |
| Primary nonferrous metals | 333 | .20 | 117.2 | 119.0 | 114.9 | 119.0 | 118.8 | 118.3 | 124.9 | 115.0 | 115.4 | 119.6 | 118.8 | 117.8 | 125.0 |
| Copper | 3331 | .06 | 125.0 | 133.1 | 122.5 | 137.2 | 138.0 | 130.2 | 142.6 | 133.8 | 125.8 | 135.8 | 139.4 | 128.5 | 140.0 |
| Aluminum | 3334 | .10 | 120.5 | 101.5 | 102.7 | 102.0 | 103.3 | 105.0 | 105.6 | 100.8 | 101.9 | 101.9 | 103.5 | 105.2 | 105.9 |
| Nonferrous products | 335,6 | .97 | 89.6 | 105.0 | 106.1 | 109.4 | 106.3 | 109.5 | 106.3 | 104.4 | 107.3 | 109.7 | 105.5 | 107.0 | 108.2 |
| Nonferrous mill products | 335 | .73 | 89.0 | 100.9 | 101.9 | 106.3 | 101.1 | 105.4 | 101.2 | 100.7 | 103.3 | 106.4 | 99.9 | 101.2 | 103.5 |
| Aluminum | 3353-5 | .28 | 89.2 | 87.0 | 89.4 | 99.7 | 82.3 | 97.6 | 86.2 | 87.5 | 90.1 | 99.6 | 77.4 | 86.0 | 92.0 |
| Nonferrous foundries | 336 | .23 | 91.6 | 118.2 | 119.7 | 119.2 | 122.9 | 122.6 | 122.7 | 116.1 | 120.3 | 120.1 | 123.4 | 125.5 | 123.1 |
| Fabricated metal products | 34 | 5.03 | 99.0 | 114.3 | 115.1 | 114.0 | 114.5 | 114.9 | 114.4 | 116.9 | 118.7 | 116.1 | 114.9 | 114.5 | 110.2 |
| Metal containers | 341 | .22 | 108.8 | 108.2 | 101.3 | 107.5 | 104.9 | 104.6 | 103.7 | 128.8 | 108.0 | 100.3 | 94.1 | 92.2 | 88.9 |
| Hardware, tools, and cutlery | 342 | .54 | 94.8 | 106.0 | 107.1 | 106.6 | 107.3 | 108.5 | 109.0 | 110.7 | 112.4 | 108.8 | 106.6 | 106.4 | 102.4 |
| Hardware and tools | 3423,5,9 | .48 | 92.8 | 102.5 | 103.5 | 102.8 | 103.2 | 105.0 | 105.8 | 107.6 | 109.1 | 105.1 | 102.0 | 102.1 | 98.7 |
| Structural metal products | 344 | 1.28 | 94.8 | 110.9 | 111.6 | 110.9 | 112.1 | 113.2 | 112.1 | 113.3 | 114.6 | 113.6 | 114.3 | 115.6 | 109.9 |
| Other fabricated metal products | 345-9 | 2.80 | 101.5 | 118.5 | 120.2 | 118.5 | 118.9 | 118.6 | 118.8 | 118.8 | 122.1 | 119.4 | 118.7 | 117.8 | 114.8 |
| Fasteners, stampings, etc. | 345-7 | 1.56 | 104.5 | 126.9 | 129.5 | 126.9 | 128.0 | 127.8 | 129.0 | 128.4 | 133.0 | 128.7 | 126.5 | 123.6 | 120.8 |
| Industrial machinery and equipment | 35 | 7.96 | 124.0 | 179.5 | 181.3 | 183.8 | 186.5 | 190.0 | 191.6 | 184.3 | 186.7 | 184.4 | 181.0 | 186.2 | 183.4 |
| Engines and turbines | 351 | .46 | 101.3 | 118.6 | 114.4 | 112.8 | 111.8 | 111.8 | 112.4 | 114.9 | 114.1 | 112.4 | 114.1 | 116.3 | 113.1 |
| Farm | 352 | .44 | 111.8 | 138.5 | 139.9 | 137.4 | 138.2 | 137.8 | 139.5 | 127.3 | 134.7 | 132.1 | 134.3 | 140.5 | 143.0 |
| Construction and allied | 353 | .76 | 99.8 | 126.5 | 126.5 | 127.6 | 131.1 | 129.4 | 127.8 | 124.9 | 126.1 | 126.7 | 129.6 | 131.4 | 128.5 |
| Metalworking | 354 | .99 | 106.2 | 134.7 | 135.3 | 133.9 | 134.9 | 136.0 | 137.0 | 142.5 | 145.0 | 134.6 | 132.3 | 130.8 | 127.9 |
| Special industry machinery | 355 | .69 | 103.6 | 141.2 | 141.8 | 141.5 | 142.4 | 140.9 | 140.0 | 138.5 | 142.2 | 140.5 | 143.6 | 146.3 | 141.2 |
| General industrial machinery | 356 | 1.07 | 107.8 | 123.4 | 121.3 | 122.0 | 120.5 | 120.1 | 120.5 | 127.4 | 127.6 | 121.9 | 119.4 | 117.4 | 115.3 |
| Bearings and gears | 3562,6,8 | .31 | 95.9 | 108.7 | 108.2 | 108.8 | 109.1 | 108.0 | 107.2 | 106.1 | 108.5 | 107.9 | 110.6 | 112.0 | 108.3 |
| Equipment | 3561,3-5,7,9 | .75 | 113.4 | 130.4 | 127.6 | 128.4 | 126.0 | 125.9 | 126.9 | 137.7 | 136.8 | 128.7 | 123.6 | 120.0 | 118.6 |
| Computer and office equip. | 357 | 1.75 | 172.6 | 379.6 | 390.0 | 402.9 | 417.8 | 431.6 | 446.2 | 411.4 | 407.1 | 411.1 | 399.5 | 425.6 | 418.4 |
| Service industry machines | 358 | .81 | 101.9 | 131.6 | 136.0 | 139.3 | 137.9 | 147.4 | 138.9 | 117.9 | 131.0 | 136.1 | 124.6 | 128.4 | 132.5 |
| Refrig. and heating equip. | 3585 | .56 | 94.0 | 123.4 | 128.9 | 133.5 | 130.7 | 142.0 | 131.4 | 105.1 | 121.8 | 129.1 | 112.4 | 114.8 | 123.3 |
| Miscellaneous machinery | 359 | .98 | 112.3 | 131.7 | 131.9 | 133.9 | 135.5 | 138.6 | 140.0 | 139.9 | 141.3 | 134.9 | 132.4 | 133.3 | 130.1 |
| Electrical machinery | 36 | 7.23 | 123.5 | 178.7 | 180.8 | 182.4 | 183.6 | 182.8 | 181.2 | 179.6 | 184.3 | 185.3 | 185.3 | 183.9 | 178.6 |
| Major electrical and parts | 361,2 | .95 | 103.2 | 122.8 | 120.2 | 118.9 | 120.1 | 118.4 | 119.6 | 128.5 | 126.2 | 120.3 | 117.7 | 114.1 | 114.9 |
| Electric distribution equip. | 361 | .32 | 98.4 | 100.0 | 99.3 | 100.4 | 100.7 | 99.7 | 101.7 | 108.5 | 107.1 | 102.8 | 98.4 | 94.8 | 96.4 |
| Household appliances | 363 | .47 | 106.9 | 135.4 | 132.2 | 133.8 | 139.1 | 141.8 | 128.2 | 133.4 | 137.2 | 144.6 | 133.8 | 123.4 | 125.1 |
| Cooking equipment | 3631 | .07 | 95.7 | 110.4 | 106.8 | 96.1 | 105.4 | 114.0 | 77.7 | 110.6 | 107.4 | 114.5 | 109.3 | 93.7 | 79.1 |
| Refrigerators and freezers | 3632 | .10 | 113.3 | 155.1 | 126.4 | 135.3 | 139.9 | 130.2 | 134.8 | 133.5 | 134.9 | 144.3 | 118.6 | 91.9 | 123.5 |
| Laundry | 3633 | .09 | 108.3 | 132.5 | 145.3 | 147.0 | 157.6 | 165.0 | 140.6 | 136.8 | 146.6 | 159.3 | 150.8 | 134.9 | 138.4 |
| Miscellaneous | 3634,5,9 | .21 | 107.8 | 137.4 | 138.6 | 141.5 | 143.4 | 147.3 | 138.5 | 140.6 | 145.2 | 149.6 | 142.3 | 143.5 | 137.1 |
| Electrical housewares | 3634 | .08 | 99.3 | 109.4 | 112.0 | 112.8 | 110.7 | 113.3 | 111.8 | 110.2 | 120.2 | 125.0 | 123.0 | 118.4 | 105.5 |
| Appliances, nec | 3639 | .06 | 102.3 | 144.9 | 145.6 | 149.9 | 157.2 | 166.1 | 142.8 | 142.3 | 144.4 | 165.4 | 152.5 | 156.7 | 142.6 |
| Audio and video equipment | 365 | .21 | 126.1 | 145.4 | 149.7 | 153.0 | 158.5 | 136.1 | 131.0 | 164.3 | 169.8 | 171.1 | 174.6 | 130.8 | 122.5 |
| Communication equipment | 366 | 1.59 | 120.0 | 157.9 | 158.7 | 161.2 | 155.8 | 155.5 | 156.0 | 156.5 | 159.0 | 161.6 | 159.6 | 162.8 | 155.4 |
| Electronic components | 367 | 2.66 | 153.8 | 277.0 | 284.1 | 288.5 | 293.1 | 291.8 | 291.5 | 275.3 | 284.3 | 290.0 | 296.5 | 297.8 | 290.7 |
| Misc. electrical supplies | 369 | .68 | 106.0 | 133.6 | 138.5 | 135.9 | 138.0 | 142.2 | 136.5 | 135.0 | 145.5 | 141.2 | 141.4 | 146.5 | 134.9 |
| Storage batteries | 3691 | .11 | 93.3 | 107.2 | 128.2 | 105.4 | 109.5 | 131.6 | 103.5 | 116.2 | 162.1 | 125.2 | 119.1 | 138.0 | 92.5 |
| Transportation equipment | 37 | 9.51 | 104.8 | 114.1 | 114.1 | 109.3 | 108.6 | 109.6 | 108.9 | 111.0 | 116.0 | 113.9 | 108.7 | 105.3 | 106.8 |
| Motor vehicles and parts | 371 | 4.79 | 107.4 | 142.1 | 143.3 | 139.7 | 140.7 | 141.2 | 135.7 | 137.3 | 146.8 | 149.5 | 140.3 | 130.7 | 131.4 |
| Autos | | 1.56 | 90.0 | 103.9 | 105.9 | 103.4 | 103.4 | 102.7 | 95.8 | 96.1 | 109.0 | 116.1 | 103.8 | 91.6 | 90.8 |
| Trucks and truck trailers | | 1.32 | 119.7 | 181.7 | 183.2 | 171.7 | 173.0 | 178.8 | 170.1 | 178.6 | 189.9 | 190.6 | 170.4 | 151.3 | 161.1 |
| Trucks and buses | | 1.26 | 121.7 | 184.1 | 184.6 | 173.6 | 174.2 | 180.2 | 172.2 | 180.8 | 191.6 | 193.4 | 172.2 | 151.7 | 162.8 |
| Consumer trucks | | .73 | 125.2 | 188.2 | 187.7 | 179.1 | 182.8 | 190.6 | 179.9 | 183.8 | 197.6 | 203.3 | 182.1 | 159.9 | 167.8 |
| Business vehicles | | .53 | 117.3 | 179.0 | 180.9 | 166.8 | 163.4 | 167.1 | 162.5 | 177.3 | 184.1 | 181.0 | 159.8 | 141.5 | 156.8 |
| Motor vehicle parts | 3714 | 1.85 | 114.8 | 151.4 | 151.7 | 152.4 | 153.1 | 151.1 | 149.9 | 148.9 | 153.4 | 152.2 | 154.5 | 154.4 | 149.8 |
| Motor homes | 3716 | .05 | 87.6 | 141.2 | 140.7 | 135.5 | 164.0 | 171.2 | 153.0 | 139.2 | 136.8 | 150.5 | 133.9 | 128.8 | 143.9 |
| Aerospace and miscellaneous transportation equipment | 372-6,9 | 4.73 | 102.3 | 87.2 | 85.9 | 80.0 | 77.7 | 79.2 | 83.2 | 85.7 | 86.4 | 79.8 | 78.3 | 81.0 | 83.1 |
| Aircraft and parts | 372 | 2.95 | 107.8 | 84.3 | 82.9 | 73.6 | 70.5 | 73.4 | 81.1 | 83.1 | 84.7 | 73.2 | 71.2 | 75.5 | 81.0 |
| Ships and boats | 373 | .51 | 93.6 | 92.1 | 93.3 | 91.0 | 88.4 | 89.0 | 88.2 | 89.8 | 92.1 | 91.0 | 89.1 | 91.7 | 87.9</ |

Table 6 (continued)
INDUSTRIAL PRODUCTION: INDUSTRY SUBTOTALS AND INDIVIDUAL SERIES

| Item | SIC | Index, 1987 = 100 | | | | | | | | | | | | | |
|---------------------------|----------------|--------------------------|-------|---------------------|-------|-------|-------------------|-------------------|------------------------|-------------------------|-------|-------|-------------------|-------------------|------------------------|
| | | 1992 | | Seasonally adjusted | | | | | | Not seasonally adjusted | | | | | |
| | | Value added ¹ | Index | 1995 Aug. | Sept. | Oct. | Nov. ^f | Dec. ^f | 1996 Jan. ^f | 1995 Aug. | Sept. | Oct. | Nov. ^f | Dec. ^f | 1996 Jan. ^f |
| Instruments | 38 | 5.36 | 106.3 | 111.4 | 111.3 | 111.4 | 111.5 | 110.0 | 110.4 | 113.7 | 115.1 | 112.1 | 111.1 | 110.1 | 108.0 |
| Scientific and medical | 381-4 | 4.32 | 107.0 | 110.0 | 109.5 | 109.7 | 109.5 | 108.0 | 107.9 | 112.9 | 113.9 | 110.5 | 108.8 | 108.0 | 105.1 |
| Medical instruments | 384 | 1.56 | 138.2 | 159.0 | 156.5 | 156.8 | 158.7 | 155.4 | 156.9 | 172.9 | 172.7 | 160.9 | 153.9 | 147.6 | 144.8 |
| Misc. manufactures | 39 | 1.32 | 106.9 | 122.4 | 122.9 | 122.2 | 123.3 | 123.5 | 122.3 | 123.1 | 125.7 | 127.0 | 127.8 | 124.4 | 118.7 |
| Consumer goods | 391,3,4,6 | .67 | 106.5 | 117.2 | 117.4 | 115.9 | 117.1 | 118.5 | 116.8 | 116.7 | 119.8 | 121.6 | 123.5 | 119.2 | 113.1 |
| Business supplies | 395,9 | .65 | 107.4 | 127.8 | 128.8 | 128.9 | 129.9 | 128.8 | 128.0 | 129.7 | 131.9 | 132.7 | 132.2 | 129.9 | 124.6 |
| Electric utilities | 491,3pt | 6.15 | 111.7 | 130.0 | 122.7 | 123.7 | 123.6 | 123.9 | 122.8 | 144.7 | 125.8 | 114.6 | 115.0 | 124.6 | 129.9 |
| Generation | | 2.64 | 111.3 | 127.4 | 120.2 | 124.2 | 122.2 | 123.5 | 122.5 | 139.3 | 118.8 | 111.7 | 115.8 | 124.6 | 127.8 |
| Fossil fuel | | 1.32 | 103.6 | 121.3 | 108.8 | 105.9 | 108.4 | 109.9 | | 138.8 | 111.5 | 100.1 | 102.6 | 107.9 | |
| Hydro and nuclear | | 1.32 | 121.4 | 135.7 | 134.9 | 146.9 | 139.7 | 140.7 | | 141.4 | 128.5 | 126.5 | 132.4 | 145.6 | |
| Sales | | 3.51 | 112.0 | 131.9 | 124.6 | 123.2 | 124.7 | 124.2 | 123.0 | 148.8 | 131.1 | 116.7 | 114.4 | 124.6 | 131.4 |
| Residential | | 1.43 | 109.9 | 139.4 | 127.5 | 121.7 | 125.5 | 124.5 | | 162.3 | 133.0 | 105.6 | 108.7 | 130.7 | |
| Nonresidential | | 2.08 | 113.4 | 126.5 | 122.5 | 124.3 | 124.1 | 123.9 | 122.2 | 139.2 | 129.6 | 124.5 | 118.4 | 120.2 | 120.0 |
| Commercial and other | | 1.21 | 112.8 | 130.5 | 125.5 | 127.6 | 128.0 | 126.4 | | 147.0 | 134.9 | 126.2 | 119.0 | 122.3 | |
| Industrial | | .87 | 114.2 | 120.9 | 118.3 | 119.7 | 118.5 | 120.2 | | 128.1 | 122.1 | 122.0 | 117.4 | 117.1 | |
| Gas utilities | 492,3pt | 1.57 | 112.7 | 124.3 | 122.4 | 113.6 | 132.5 | 127.7 | 125.0 | 74.9 | 70.8 | 84.2 | 137.0 | 183.2 | 218.0 |
| Residential | | .64 | 108.7 | 103.3 | 110.5 | 101.4 | 128.7 | | | 32.3 | 37.8 | 60.1 | 136.3 | | |
| Commercial and other | | .28 | 115.4 | 140.8 | 139.3 | 120.3 | 141.6 | | | 70.2 | 70.6 | 83.5 | 148.2 | | |
| Gas transmission | | .46 | 114.4 | 136.8 | 126.4 | 120.7 | 132.2 | | | 108.7 | 95.5 | 102.3 | 133.6 | | |

1. Proportion as a share of the value added for the total index.

Table 7
INDUSTRIAL PRODUCTION: GROSS VALUE OF PRODUCTS

Billions of 1992 dollars at annual rates, seasonally adjusted

| Item | 1987 | 1995 | 1994 Q3 | Q4 | 1995 Q1 | Q2 | Q3 | Q4 ^f | 1995 Sept. | Oct. | Nov. ^f | Dec. ^f | 1996 Jan. ^f | Feb. ^p |
|------------------------------|--------|--------|---------|--------|---------|--------|--------|-----------------|------------|--------|-------------------|-------------------|------------------------|-------------------|
| Products, total | 2002.9 | 2245.1 | 2201.2 | 2232.6 | 2248.8 | 2235.7 | 2254.9 | 2252.4 | 2268.1 | 2240.3 | 2255.8 | 2261.1 | 2246.4 | 2283.0 |
| Final products | 1552.2 | 1748.2 | 1708.5 | 1732.8 | 1750.6 | 1742.0 | 1757.3 | 1751.9 | 1768.2 | 1741.9 | 1756.8 | 1757.1 | 1747.8 | 1779.9 |
| Consumer goods | 1033.4 | 1130.0 | 1118.9 | 1129.0 | 1133.7 | 1125.3 | 1133.6 | 1133.0 | 1141.1 | 1125.1 | 1139.3 | 1134.7 | 1118.1 | 1137.8 |
| Durable | 222.3 | 272.9 | 274.3 | 277.1 | 279.9 | 269.6 | 271.4 | 273.7 | 276.2 | 270.3 | 274.0 | 276.9 | 262.1 | 273.6 |
| Automotive products | 122.4 | 160.6 | 159.3 | 162.5 | 166.2 | 158.7 | 159.0 | 160.3 | 162.9 | 157.7 | 160.2 | 162.9 | 153.7 | 163.0 |
| Other durable goods | 99.9 | 112.3 | 115.0 | 114.5 | 113.8 | 110.9 | 112.4 | 113.5 | 113.2 | 112.6 | 113.8 | 114.0 | 108.5 | 110.6 |
| Nondurable | 811.1 | 857.2 | 844.6 | 851.9 | 853.8 | 855.7 | 862.2 | 859.3 | 864.9 | 854.8 | 865.3 | 857.7 | 856.0 | 864.2 |
| Equipment, total | 518.8 | 618.2 | 589.6 | 603.9 | 616.9 | 616.7 | 623.7 | 618.9 | 627.1 | 616.7 | 617.5 | 622.4 | 629.7 | 642.2 |
| Business and defense | 500.3 | 594.6 | 566.7 | 580.8 | 593.5 | 593.1 | 599.7 | 595.2 | 602.9 | 593.2 | 593.8 | 598.4 | 606.0 | 617.2 |
| Business | 415.6 | 528.2 | 496.4 | 510.7 | 524.7 | 525.7 | 533.3 | 531.7 | 537.2 | 528.5 | 530.5 | 536.0 | 543.9 | 555.1 |
| Defense and space | 84.7 | 66.4 | 70.4 | 70.2 | 68.8 | 67.4 | 66.4 | 63.5 | 65.7 | 64.7 | 63.4 | 62.4 | 62.0 | 62.1 |
| Intermediate products | 450.7 | 496.9 | 492.7 | 499.8 | 498.1 | 493.6 | 497.6 | 500.5 | 499.9 | 498.4 | 499.0 | 504.1 | 498.6 | 503.0 |
| Construction supplies | 177.0 | 200.6 | 200.3 | 203.4 | 202.9 | 198.9 | 199.6 | 202.4 | 201.3 | 200.8 | 200.9 | 205.4 | 200.2 | 204.7 |
| Business supplies | 273.7 | 296.3 | 292.4 | 296.4 | 295.2 | 294.7 | 298.1 | 298.1 | 298.6 | 297.6 | 298.0 | 298.7 | 298.4 | 298.3 |
| Commercial energy products | 70.6 | 76.9 | 75.4 | 75.1 | 74.8 | 75.9 | 78.6 | 79.0 | 78.8 | 77.4 | 79.8 | 79.6 | 79.5 | 78.1 |

Table 8
DIFFUSION INDEXES OF INDUSTRIAL PRODUCTION

Percent

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|-----------------------------|------|------|------|------|------|------|------|------|-------|------|------|------|
| One Month Earlier | | | | | | | | | | | | |
| 1994 | 50.0 | 62.7 | 65.8 | 60.4 | 63.8 | 59.2 | 59.6 | 58.1 | 52.3 | 60.0 | 58.8 | 63.5 |
| 1995 | 52.7 | 45.0 | 48.5 | 42.7 | 49.2 | 51.5 | 48.5 | 58.8 | 53.5 | 44.4 | 51.7 | 50.0 |
| 1996 | 37.7 | | | | | | | | | | | |
| Three Months Earlier | | | | | | | | | | | | |
| 1994 | 61.9 | 63.5 | 69.2 | 72.7 | 73.1 | 67.7 | 67.3 | 66.9 | 61.5 | 60.0 | 62.7 | 66.9 |
| 1995 | 62.7 | 53.1 | 46.5 | 40.8 | 40.0 | 43.8 | 47.7 | 52.3 | 57.3 | 50.4 | 49.6 | 49.2 |
| 1996 | 43.8 | | | | | | | | | | | |
| Six Months Earlier | | | | | | | | | | | | |
| 1994 | 63.1 | 66.5 | 70.8 | 73.1 | 77.7 | 72.3 | 74.2 | 75.4 | 69.6 | 70.8 | 68.5 | 73.1 |
| 1995 | 68.5 | 58.1 | 60.4 | 54.2 | 47.7 | 38.8 | 41.2 | 44.2 | 47.3 | 47.3 | 52.3 | 53.1 |
| 1996 | 46.9 | | | | | | | | | | | |

Note—The diffusion indexes are calculated as the percentage of series that increased over the indicated span (one, three, or six months) plus one-half the percentage that were unchanged.

Table 9
ELECTRIC POWER USE: MANUFACTURING AND MINING

| Item | 1987 SIC | 1987 Billion KWH | Index, 1987 = 100 | | | | | | | | | | | |
|-----------------------------------|-----------|------------------------|---------------------|-------|-------|-------------------|-------------------|---------------------------|-------------------------|-------|-------|-------------------|-------------------|---------------------------|
| | | | Seasonally adjusted | | | | | | Not seasonally adjusted | | | | | |
| | | | 1995 Aug. | Sept. | Oct. | Nov. ^r | Dec. ^r | 1996 Jan. ^p | 1995 Aug. | Sept. | Oct. | Nov. ^r | Dec. ^r | 1996 Jan. ^p |
| Total | | 850.7 | 115.7 | 115.1 | 115.5 | 116.0 | 115.6 | 116.8 | 119.7 | 119.0 | 116.9 | 114.7 | 113.6 | 113.6 |
| MAJOR INDUSTRY GROUPS | | | | | | | | | | | | | | |
| Manufacturing | | 776.5 | 116.2 | 115.6 | 115.9 | 116.3 | 115.9 | 117.2 | 120.6 | 119.8 | 117.4 | 114.9 | 113.5 | 113.5 |
| Durable | | 351.3 | 111.6 | 111.0 | 111.0 | 111.3 | 112.0 | 112.7 | 114.6 | 114.1 | 112.2 | 110.0 | 109.1 | 108.9 |
| Nondurable | | 425.2 | 120.3 | 119.6 | 120.2 | 120.7 | 119.3 | 121.1 | 126.0 | 124.8 | 122.0 | 119.3 | 117.5 | 117.6 |
| Mining | | 74.2 | 108.6 | 108.8 | 109.9 | 112.0 | 111.5 | 111.4 | 106.8 | 108.4 | 110.2 | 112.0 | 114.9 | 114.8 |
| INDUSTRY GROUPS and SERIES | | | | | | | | | | | | | | |
| Metal mining | 10 | 14.6 | 146.9 | 143.2 | 152.5 | 160.7 | 158.2 | 147.3 | 144.2 | 144.4 | 154.0 | 158.2 | 161.5 | 152.8 |
| Iron ore | 101 | 6.3 | 145.4 | 148.6 | 166.0 | 173.0 | 171.7 | 135.5 | 145.7 | 148.2 | 168.1 | 167.5 | 169.7 | 144.2 |
| Copper ore | 102 | 4.8 | 150.1 | 140.3 | 143.5 | 158.1 | 151.5 | 161.8 | 143.6 | 143.8 | 145.4 | 156.7 | 160.8 | 163.9 |
| Coal mining | 12 | 13.4 | 99.8 | 101.2 | 99.5 | 102.0 | 99.1 | 97.3 | 91.9 | 94.4 | 95.7 | 102.7 | 105.3 | 109.6 |
| Oil and gas extraction | 13 | 33.0 | 93.4 | 92.7 | 92.9 | 91.5 | 92.9 | 96.5 | 93.0 | 93.4 | 92.9 | 90.6 | 96.1 | 99.4 |
| Crude oil and natural gas | 131 | 27.7 | 93.6 | 92.7 | 91.8 | 92.2 | 92.5 | 97.1 | 92.7 | 93.1 | 92.2 | 91.4 | 95.8 | 99.7 |
| Natural gas liquids | 132 | 3.7 | 81.3 | 82.9 | 81.5 | 75.4 | 84.9 | 85.1 | 81.8 | 83.4 | 82.0 | 74.6 | 87.4 | 88.4 |
| Stone and earth minerals | 14 | 12.3 | 114.4 | 119.4 | 117.7 | 120.4 | 120.8 | 126.2 | 118.5 | 123.5 | 123.1 | 125.2 | 121.1 | 116.4 |
| Crushed stone | 142 | 3.5 | 137.5 | 135.1 | 134.5 | 137.5 | 135.2 | 143.8 | 147.8 | 147.8 | 147.2 | 149.7 | 136.8 | 116.5 |
| Sand and gravel | 144 | 2.9 | 122.2 | 124.0 | 124.2 | 126.5 | 122.4 | 132.5 | 133.0 | 132.8 | 135.0 | 135.2 | 121.9 | 112.6 |
| Chemical and fertilizer materials | 147 | 3.9 | 102.4 | 112.9 | 110.1 | 114.3 | 116.7 | 117.5 | 103.8 | 112.9 | 112.1 | 115.5 | 116.6 | 116.8 |
| Foods | 20 | 52.9 | 128.0 | 128.1 | 127.3 | 126.8 | 126.3 | 128.1 | 140.0 | 141.2 | 133.1 | 126.8 | 122.4 | 121.9 |
| Meat products | 201 | 8.7 | 141.2 | 141.3 | 141.2 | 142.0 | 144.6 | 143.1 | 155.9 | 155.5 | 144.9 | 139.3 | 138.5 | 135.5 |
| Dairy products | 202 | 6.5 | 115.3 | 116.1 | 115.3 | 112.7 | 112.0 | 116.5 | 126.5 | 124.9 | 115.3 | 107.6 | 105.4 | 109.0 |
| Canned and frozen food | 203 | 6.6 | 129.7 | 126.2 | 124.6 | 124.3 | 129.0 | 131.2 | 152.7 | 156.0 | 143.5 | 125.9 | 119.7 | 116.6 |
| Grain mill products | 204 | 10.9 | 139.6 | 141.5 | 143.3 | 141.5 | 137.9 | 143.0 | 144.2 | 147.7 | 148.2 | 144.7 | 138.8 | 140.2 |
| Bakery products | 205 | 3.3 | 130.8 | 131.8 | 131.3 | 127.9 | 128.2 | 131.3 | 145.4 | 145.8 | 136.1 | 125.4 | 121.6 | 122.1 |
| Sugar and confectionery | 206 | 3.7 | 142.5 | 144.9 | 142.3 | 149.3 | 150.8 | 151.7 | 140.1 | 144.6 | 151.4 | 174.8 | 173.3 | 165.9 |
| Fats and oils | 207 | 3.4 | 154.2 | 145.9 | 147.7 | 147.9 | 145.3 | 143.5 | 148.2 | 145.0 | 144.9 | 151.7 | 156.4 | 156.0 |
| Beverages | 208 | 5.9 | 110.3 | 111.3 | 112.4 | 109.7 | 106.7 | 107.6 | 126.5 | 126.9 | 117.3 | 105.5 | 98.2 | 97.5 |
| Coffee and miscellaneous | 209 | 3.9 | 113.3 | 113.1 | 110.6 | 110.2 | 111.3 | 114.5 | 125.3 | 125.2 | 115.6 | 109.3 | 106.4 | 107.8 |
| Tobacco products | 21 | 1.7 | 114.8 | 108.4 | 103.7 | 112.0 | 113.1 | 109.3 | 124.6 | 119.9 | 112.2 | 109.9 | 107.5 | 99.6 |
| Textile mill products | 22 | 29.9 | 115.2 | 112.7 | 118.0 | 115.7 | 109.5 | 112.4 | 129.4 | 124.6 | 122.4 | 111.2 | 103.0 | 95.6 |
| Fabrics | 221-4 | 11.6 | 102.2 | 99.0 | 103.5 | 103.2 | 95.9 | 96.9 | 115.2 | 109.2 | 107.2 | 99.1 | 90.0 | 82.0 |
| Knit goods | 225 | 3.4 | 142.0 | 135.2 | 144.6 | 141.9 | 145.1 | 142.7 | 161.7 | 153.8 | 149.5 | 135.3 | 132.6 | 117.1 |
| Fabric finishing | 226 | 2.2 | 122.7 | 115.6 | 119.2 | 119.4 | 112.5 | 113.9 | 129.4 | 123.4 | 123.5 | 117.1 | 110.4 | 105.0 |
| Yarn and thread | 228 | 8.4 | 118.7 | 116.6 | 126.6 | 118.5 | 109.4 | 116.8 | 135.4 | 128.9 | 131.5 | 113.0 | 102.8 | 97.0 |
| Miscellaneous textiles | 229 | 2.9 | 128.4 | 132.3 | 131.6 | 130.8 | 126.7 | 132.2 | 142.7 | 145.0 | 136.9 | 127.4 | 120.2 | 117.0 |
| Apparel products | 23 | 6.6 | 102.8 | 100.5 | 102.9 | 104.5 | 104.8 | 104.5 | 121.1 | 117.8 | 105.8 | 98.0 | 94.3 | 90.6 |
| Men's outerwear | 231,2 | 1.9 | 105.4 | 102.5 | 108.8 | 116.0 | 119.4 | 119.3 | 127.8 | 124.0 | 112.7 | 107.0 | 104.7 | 100.9 |
| Women's outerwear | 233 | 1.9 | 88.1 | 84.1 | 87.5 | 91.9 | 89.8 | 87.8 | 105.9 | 99.5 | 90.0 | 85.2 | 80.0 | 77.0 |
| Lumber and products | 24 | 21.6 | 120.7 | 121.9 | 124.4 | 124.0 | 121.6 | 124.2 | 120.2 | 122.2 | 123.3 | 123.8 | 122.2 | 125.2 |
| Lumber | 242 | 7.9 | 106.3 | 105.8 | 108.8 | 108.6 | 107.7 | 108.9 | 104.6 | 105.5 | 108.2 | 110.8 | 108.6 | 110.7 |
| Millwork and plywood | 243 | 5.7 | 114.9 | 115.2 | 115.8 | 116.5 | 115.7 | 119.6 | 114.3 | 115.2 | 115.4 | 116.5 | 116.1 | 120.1 |
| Furniture and fixtures | 25 | 5.7 | 118.5 | 120.5 | 119.1 | 120.0 | 119.9 | 120.0 | 125.8 | 127.4 | 120.7 | 117.6 | 117.9 | 114.7 |
| Household furniture | 251 | 3.2 | 111.1 | 112.8 | 115.2 | 114.5 | 116.6 | 114.7 | 116.5 | 117.2 | 116.8 | 112.9 | 115.7 | 111.7 |
| Paper and products | 26 | 97.0 | 123.9 | 123.7 | 119.5 | 120.4 | 118.7 | 119.5 | 126.2 | 124.8 | 120.3 | 120.4 | 118.4 | 119.0 |
| Wood pulp | 261 | 7.1 | 110.9 | 109.7 | 89.8 | 108.3 | 110.1 | 102.0 | 111.3 | 110.3 | 94.2 | 111.1 | 108.5 | 103.4 |
| Paper | 262 | 51.6 | 122.6 | 124.2 | 119.9 | 119.7 | 117.3 | 119.6 | 124.3 | 123.3 | 120.6 | 119.8 | 117.6 | 120.0 |
| Paperboard | 263 | 26.0 | 132.2 | 125.7 | 121.6 | 123.3 | 122.9 | 122.9 | 133.5 | 126.8 | 121.5 | 122.3 | 124.2 | 122.1 |
| Paperboard containers | 265 | 4.5 | 121.6 | 116.3 | 120.9 | 121.8 | 119.3 | 117.7 | 125.3 | 120.7 | 120.7 | 119.8 | 116.9 | 114.1 |
| Converted paper products | 267 | 7.6 | 118.1 | 120.2 | 120.6 | 119.5 | 117.3 | 118.8 | 122.2 | 126.6 | 122.7 | 119.1 | 114.8 | 113.9 |
| Printing and publishing | 27 | 15.7 | 139.7 | 136.9 | 136.6 | 138.0 | 137.5 | 136.9 | 157.3 | 153.4 | 140.1 | 133.3 | 130.4 | 126.8 |
| Newspapers | 271 | 3.4 | 126.3 | 119.8 | 120.0 | 122.7 | 121.7 | 121.6 | 141.2 | 132.5 | 123.5 | 118.1 | 116.2 | 114.7 |
| Commercial printing | 275 | 8.2 | 139.6 | 137.7 | 138.0 | 140.2 | 141.4 | 140.3 | 158.2 | 155.6 | 141.8 | 136.2 | 133.9 | 129.2 |
| Chemicals and products | 28 | 146.2 | 117.4 | 118.1 | 118.6 | 118.3 | 117.6 | 120.0 | 120.2 | 120.3 | 119.8 | 117.1 | 117.3 | 119.8 |
| Basic chemicals | 281 | 61.8 | 115.3 | 115.4 | 116.2 | 116.4 | 116.8 | 119.1 | 116.3 | 116.1 | 117.7 | 116.4 | 117.9 | 120.0 |
| Alkalies and chlorine | 2812 | 14.1 | 107.2 | 102.9 | 109.5 | 106.2 | 104.0 | 110.4 | 107.6 | 102.9 | 109.7 | 104.9 | 107.1 | 110.3 |
| Inorganic chemicals, nec | 2819 | 29.1 | 125.3 | 126.1 | 126.1 | 127.6 | 127.0 | 131.8 | 124.2 | 124.4 | 128.6 | 127.4 | 130.1 | 133.8 |
| Acid and fertilizer materials | | 10.9 | 109.4 | 111.0 | 106.8 | 114.8 | 113.3 | 111.6 | 112.0 | 110.1 | 105.6 | 113.6 | 114.4 | 114.7 |
| Nuclear materials, nondefense | | 18.2 | 136.5 | 136.9 | 139.8 | 136.8 | 136.8 | 146.1 | 132.9 | 134.6 | 145.0 | 137.2 | 141.3 | 147.4 |

Table 9 (continued)
ELECTRIC POWER USE: MANUFACTURING AND MINING

| Item | 1987 SIC | 1987 Billion KWH | Index, 1987 = 100 | | | | | | | | | | | |
|---|----------|------------------|---------------------|-------|-------|-------------------|-------------------|-------------------------|-----------|-------|-------|-------------------|-------------------|------------------------|
| | | | Seasonally adjusted | | | | | Not seasonally adjusted | | | | | | |
| | | | 1995 Aug. | Sept. | Oct. | Nov. ^r | Dec. ^r | 1996 Jan. ^p | 1995 Aug. | Sept. | Oct. | Nov. ^r | Dec. ^r | 1996 Jan. ^p |
| Chemicals and Products (cont.) | | | | | | | | | | | | | | |
| Synthetic materials | 282 | 26.5 | 114.7 | 116.7 | 116.4 | 117.0 | 114.4 | 116.4 | 119.5 | 120.2 | 116.4 | 115.5 | 112.5 | 115.5 |
| Plastics materials | 2821 | 14.2 | 129.1 | 129.8 | 130.4 | 129.0 | 128.8 | 125.5 | 132.8 | 132.0 | 128.4 | 126.9 | 127.0 | 124.9 |
| Drugs and medicines | 283 | 5.5 | 143.0 | 140.8 | 143.2 | 136.4 | 142.1 | 145.6 | 159.4 | 158.3 | 144.8 | 130.4 | 133.4 | 134.2 |
| Soap and toiletries | 284 | 3.1 | 112.1 | 113.8 | 114.8 | 113.9 | 114.4 | 118.0 | 122.1 | 122.5 | 116.4 | 111.3 | 108.3 | 112.4 |
| Industrial organic chemicals | 286 | 36.0 | 111.5 | 107.1 | 111.9 | 104.1 | 100.1 | 107.1 | 114.0 | 111.4 | 116.2 | 103.5 | 99.2 | 106.7 |
| Agricultural chemicals | 287 | 8.5 | 133.3 | 128.7 | 131.5 | 132.3 | 130.0 | 130.3 | 132.1 | 127.5 | 130.7 | 131.4 | 132.1 | 132.0 |
| Petroleum products | | | | | | | | | | | | | | |
| | 29 | 40.1 | 105.9 | 101.6 | 106.4 | 111.0 | 110.0 | 110.7 | 110.6 | 105.7 | 104.9 | 108.4 | 110.3 | 111.7 |
| Rubber and plastics products | | | | | | | | | | | | | | |
| | 30 | 33.1 | 142.6 | 141.9 | 142.8 | 143.6 | 141.7 | 143.9 | 147.1 | 148.2 | 145.5 | 142.6 | 136.3 | 132.2 |
| Tires | 301 | 3.6 | 111.8 | 113.5 | 115.8 | 120.5 | 119.4 | 118.4 | 122.9 | 122.7 | 118.5 | 116.9 | 108.6 | 110.1 |
| Rubber products, nec | 306 | 3.1 | 119.6 | 118.0 | 119.5 | 116.8 | 113.1 | 114.0 | 122.1 | 122.6 | 121.4 | 115.9 | 110.4 | 107.3 |
| Plastics products, nec | 308 | 24.9 | 149.7 | 148.0 | 148.7 | 149.3 | 147.4 | 150.9 | 152.6 | 153.7 | 151.5 | 148.6 | 142.7 | 137.9 |
| Leather and products | | | | | | | | | | | | | | |
| | 31 | 1.0 | 94.9 | 96.2 | 92.9 | 93.1 | 93.3 | 95.8 | 101.3 | 102.8 | 93.4 | 91.4 | 89.4 | 89.9 |
| Shoes | 314 | .4 | 88.2 | 89.0 | 92.6 | 89.8 | 91.7 | 95.0 | 98.8 | 98.0 | 91.6 | 87.1 | 84.6 | 86.6 |
| Stone, clay, & glass products | | | | | | | | | | | | | | |
| | 32 | 33.8 | 106.8 | 106.6 | 105.8 | 107.6 | 108.6 | 111.3 | 110.4 | 110.2 | 110.0 | 109.8 | 108.1 | 105.6 |
| Flat glass | 321 | 1.7 | 106.8 | 108.9 | 113.2 | 111.7 | 113.5 | 111.2 | 109.3 | 112.8 | 113.0 | 109.6 | 111.9 | 106.8 |
| Pressed and blown glass | 322 | 6.7 | 102.5 | 99.1 | 97.8 | 101.1 | 103.7 | 108.5 | 105.4 | 101.6 | 100.0 | 100.9 | 100.4 | 102.9 |
| Cement | 324 | 10.1 | 103.1 | 104.8 | 102.6 | 104.3 | 110.1 | 113.2 | 109.2 | 111.2 | 112.6 | 111.9 | 111.2 | 102.8 |
| Structural clay products | 325 | 1.6 | 115.8 | 112.6 | 109.4 | 112.7 | 111.0 | 110.6 | 118.3 | 116.6 | 110.6 | 113.5 | 113.2 | 106.7 |
| Concrete products | 327 | 5.1 | 93.8 | 96.0 | 96.6 | 99.9 | 99.7 | 96.5 | 96.3 | 98.7 | 99.4 | 101.5 | 100.0 | 93.6 |
| Primary metals | | | | | | | | | | | | | | |
| | 33 | 137.9 | 108.7 | 109.1 | 109.7 | 110.1 | 111.4 | 110.3 | 108.5 | 108.5 | 110.4 | 109.4 | 110.4 | 110.3 |
| Basic steel and mill products | 331 | 54.4 | 120.2 | 120.4 | 120.7 | 119.4 | 121.1 | 120.8 | 119.2 | 119.3 | 120.4 | 118.8 | 118.5 | 121.2 |
| Iron and steel foundries | 332 | 9.9 | 122.8 | 123.0 | 120.9 | 118.9 | 122.5 | 115.5 | 119.3 | 125.1 | 123.7 | 120.9 | 118.8 | 109.6 |
| Primary nonferrous metals | 333 | 55.8 | 86.3 | 85.8 | 85.9 | 87.4 | 88.5 | 88.6 | 87.2 | 84.8 | 87.0 | 86.2 | 89.9 | 89.9 |
| Aluminum | 3334 | 51.2 | 80.7 | 80.2 | 78.4 | 78.4 | 80.2 | 82.2 | 81.1 | 78.8 | 80.9 | 77.9 | 81.8 | 82.8 |
| Nonferrous foundries | 336 | 2.7 | 123.4 | 122.2 | 120.6 | 120.7 | 123.2 | 125.7 | 122.8 | 125.2 | 123.0 | 122.5 | 120.3 | 119.0 |
| Fabricated metal products | | | | | | | | | | | | | | |
| | 34 | 31.5 | 117.8 | 116.8 | 116.2 | 116.2 | 117.0 | 117.5 | 120.6 | 121.4 | 117.4 | 115.5 | 112.3 | 111.5 |
| Metal containers | 341 | 2.5 | 129.8 | 129.5 | 137.7 | 133.7 | 127.4 | 129.1 | 134.7 | 134.0 | 137.0 | 129.8 | 120.0 | 121.9 |
| Hardware, tools, and cutlery | 342 | 2.7 | 112.3 | 113.0 | 110.6 | 113.3 | 114.9 | 117.0 | 117.0 | 119.0 | 113.3 | 111.8 | 110.7 | 109.0 |
| Structural metal products | 344 | 5.6 | 116.5 | 111.1 | 111.8 | 111.5 | 114.3 | 111.8 | 116.7 | 115.0 | 111.7 | 112.5 | 111.1 | 110.6 |
| Fasteners | 345 | 1.7 | 114.7 | 109.9 | 108.1 | 111.9 | 111.0 | 111.7 | 119.5 | 115.0 | 111.2 | 111.0 | 104.7 | 104.6 |
| Metal stampings | 346 | 7.1 | 133.5 | 135.6 | 131.8 | 131.7 | 133.7 | 135.0 | 133.6 | 137.9 | 134.2 | 132.2 | 128.4 | 125.0 |
| Industrial machinery and equipment | | | | | | | | | | | | | | |
| | 35 | 33.4 | 117.4 | 115.3 | 115.0 | 114.2 | 114.9 | 116.8 | 124.0 | 123.1 | 116.1 | 111.7 | 109.7 | 109.5 |
| Engines and turbines | 351 | 2.5 | 116.3 | 108.1 | 114.0 | 114.0 | 117.0 | 113.5 | 121.6 | 112.1 | 113.2 | 109.7 | 111.0 | 108.3 |
| Farm | 352 | 1.6 | 146.7 | 139.9 | 144.3 | 148.0 | 149.0 | 135.2 | 143.7 | 143.7 | 134.8 | 137.4 | 138.0 | 140.6 |
| Construction and allied | 353 | 4.2 | 108.1 | 107.9 | 105.0 | 100.5 | 100.1 | 103.0 | 114.5 | 116.1 | 106.8 | 99.9 | 97.1 | 96.4 |
| Metalworking | 354 | 4.2 | 135.3 | 134.5 | 131.9 | 133.9 | 137.4 | 133.5 | 143.6 | 143.1 | 132.3 | 130.6 | 130.8 | 124.5 |
| Special industry | 355 | 2.5 | 116.5 | 115.8 | 117.1 | 111.6 | 116.2 | 117.5 | 123.2 | 123.4 | 118.4 | 109.8 | 111.7 | 110.3 |
| General industrial | 356 | 4.8 | 119.8 | 115.7 | 118.6 | 117.2 | 118.0 | 119.7 | 126.6 | 123.8 | 119.1 | 114.9 | 112.4 | 111.7 |
| Computer and office equip. | 357 | 6.1 | 90.5 | 90.9 | 87.1 | 89.1 | 89.5 | 92.1 | 96.6 | 95.4 | 90.3 | 86.8 | 86.1 | 86.4 |
| Service industry machines | 358 | 3.3 | 149.4 | 148.6 | 150.9 | 150.7 | 151.0 | 155.3 | 161.1 | 160.0 | 152.6 | 146.8 | 141.6 | 141.7 |
| Electrical machinery | | | | | | | | | | | | | | |
| | 36 | 31.3 | 115.8 | 113.0 | 114.2 | 114.2 | 114.0 | 117.1 | 122.5 | 121.3 | 116.0 | 111.7 | 110.0 | 109.9 |
| Electrical distribution | 361 | 1.4 | 78.2 | 77.0 | 77.2 | 76.1 | 75.2 | 78.7 | 84.3 | 82.5 | 79.2 | 74.8 | 72.8 | 74.5 |
| Electrical industrial | 362 | 4.1 | 114.0 | 110.4 | 110.0 | 110.6 | 110.3 | 112.9 | 116.4 | 114.3 | 109.3 | 107.8 | 106.8 | 109.1 |
| Household appliances | 363 | 2.5 | 96.9 | 91.5 | 94.3 | 95.2 | 96.1 | 99.2 | 103.6 | 99.0 | 95.8 | 91.4 | 88.3 | 92.7 |
| Lighting and wiring products | 364 | 2.9 | 114.4 | 110.6 | 112.1 | 111.5 | 110.0 | 114.2 | 114.0 | 117.0 | 112.6 | 109.5 | 105.5 | 106.5 |
| TV and radio sets | 365 | .6 | 157.5 | 158.9 | 158.2 | 159.2 | 164.1 | 156.2 | 170.9 | 170.7 | 163.8 | 158.1 | 161.3 | 149.0 |
| Communication equipment | 366 | 3.1 | 94.8 | 94.7 | 93.7 | 95.4 | 99.1 | 98.9 | 102.6 | 103.8 | 95.2 | 92.3 | 95.0 | 92.0 |
| Electronic components | 367 | 12.8 | 130.4 | 127.3 | 131.3 | 130.0 | 131.4 | 136.8 | 138.7 | 136.7 | 132.8 | 126.6 | 127.2 | 129.0 |
| Transportation equipment | | | | | | | | | | | | | | |
| | 37 | 38.3 | 105.7 | 104.9 | 103.4 | 103.1 | 103.6 | 104.6 | 112.1 | 110.1 | 104.8 | 100.7 | 98.2 | 98.6 |
| Motor vehicles and parts | 371 | 21.9 | 107.0 | 105.2 | 106.1 | 106.3 | 106.7 | 108.5 | 113.5 | 110.8 | 108.1 | 104.0 | 100.1 | 101.5 |
| Aircraft and parts | 372 | 10.1 | 90.8 | 90.1 | 86.5 | 85.8 | 88.4 | 87.2 | 95.6 | 94.2 | 88.0 | 83.9 | 84.8 | 82.6 |
| Ships and boats | 373 | 2.1 | 98.5 | 101.8 | 99.2 | 95.2 | 94.5 | 96.3 | 101.4 | 102.6 | 96.3 | 93.1 | 94.7 | 96.9 |
| Instruments | | | | | | | | | | | | | | |
| | 38 | 13.1 | 113.4 | 109.4 | 106.9 | 106.8 | 107.8 | 112.9 | 122.7 | 118.7 | 109.5 | 104.9 | 103.5 | 105.4 |
| Photographic equip. & supplies | 386 | 1.7 | 91.0 | 84.6 | 89.9 | 88.0 | 92.1 | 101.5 | 95.3 | 88.9 | 92.0 | 86.3 | 90.3 | 96.5 |
| Miscellaneous manufactures | | | | | | | | | | | | | | |
| | 39 | 4.6 | 133.7 | 136.3 | 135.3 | 139.5 | 138.4 | 135.7 | 144.4 | 146.7 | 138.8 | 136.1 | 130.5 | 126.4 |
| SUPPLEMENTARY GROUPS | | | | | | | | | | | | | | |
| Total, excluding nuclear nondefense | | 832.5 | 115.0 | 114.4 | 114.7 | 115.3 | 114.9 | 115.8 | 119.2 | 118.5 | 116.0 | 114.0 | 112.8 | 112.5 |
| Utility sales to industry | | 765.4 | 114.8 | 114.5 | 114.7 | 114.5 | 114.1 | 115.2 | 118.9 | 118.5 | 115.9 | 113.5 | 111.9 | 111.7 |
| Industrial generation | | 85.3 | 113.6 | 111.4 | 114.2 | 118.5 | 122.1 | 124.1 | 115.1 | 109.5 | 114.8 | 117.3 | 126.2 | 128.6 |

Explanatory Note

The statistical release of **Industrial Production and Capacity Utilization** reports measures of output, capacity, and capacity utilization in manufacturing, mining, and the electric and gas utilities industries. It also includes survey data on the use of electric power in manufacturing and mining. Data in the release are available on-line on the day of issue through the Economic Bulletin Board of the Department of Commerce. For information, call (202) 482-1986. Diskettes containing historical data and the data published in this release are available from the Board of Governors of the Federal Reserve System, Publications Services, (202) 452-3245.

Industrial Production

Coverage. The industrial production (IP) index measures output in the manufacturing, mining, and electric and gas utilities industries. For the period since 1992, the total IP index has been constructed from 260 individual series based on the 1987 Standard Industrial Classification (SIC). These individual series are classified and grouped in two ways: (1) market groups (shown in table 1), such as consumer goods, equipment, intermediate products, and materials; and (2) industry groups (shown in tables 2 and 6), such as two-digit SIC industries and major aggregates of these industries—for example, durable and nondurable manufacturing, mining, and utilities.

Market groups. For purposes of analysis, the individual IP series are grouped into final products, intermediate products, and materials. Final products are assumed to be purchased by consumers, businesses, or government for final use. Intermediate products are expected to become inputs in nonindustrial sectors, such as construction, agriculture, and services. Materials are industrial output requiring further processing within the industrial sector. Total products comprise final and intermediate products, and final products are divided into consumer goods and equipment.

Timing. The first estimate of output for a month is published around the 15th of the following month. The estimate is preliminary (denoted by the superscript “p” in tables) and subject to revision in each of the subsequent three months as new source data become available. (Revised estimates are denoted by the superscript “r” in tables.) After the fourth month, indexes are not revised further until the time of an annual revision or a benchmark revision. The last three benchmark revisions were published in 1990, 1985, and 1976.

Source data. In annual or benchmark revisions, the individual IP indexes are constructed from a variety of source data, such as the quinquennial *Censuses of Manufactures and Mineral Industries* and the *Annual Survey of Manufactures*, prepared by the Bureau of the Census; the *Minerals Yearbook*, prepared by the Bureau of Mines; and publications of the Department of Energy. On a monthly basis, the individual indexes of industrial production are constructed from two main types of source data: (1) output measured in physical units and (2) data on inputs to the production process, from which output is inferred. Data on physical products, such as tons of steel or barrels of oil, are obtained from private trade associations as well as from government agencies including those listed above; data of this type are used to estimate monthly IP where possible and appropriate. When suitable data on physical product are unavailable, estimates of output are based on either production-worker hours or electric power use by industry. Data on hours worked by production workers are collected in the monthly establishment survey conducted by the Bureau of Labor Statistics. The data on electric power use are described below. The factors used to convert inputs into estimates of production are based on historical relationships between the inputs and the comprehensive data used to benchmark the IP indexes; these factors also may be influenced by technological or cyclical developments. Especially for the first and second estimates for a given month, the available source data are limited and subject to revision.

Weights. In the index, series that measure the output of an individual industry are weighted according to their proportion in the total value-added output of all industries. The industrial production index, which extends back to 1919, is built in chronological segments that are linked together to form a continuous index expressed as a percentage of output in a comparison base year (currently 1987). Each segment, which usually spans five years, is a Laspeyres quantity index showing changes in quantities with prices (Census value added per unit of output) held at base-year values for the segment. For the period from 1992 to the present, IP is aggregated on the basis of 1992 value-added weights. The aggregation of the index for the 1987–91 period is based on 1987 weights, whereas 1982 weights are used for the 1982–86 period. The other weight years in the postwar period are 1977, 1972, 1967, 1963, 1958, 1954, and 1947. The 1992 value-added weights used to aggregate the index are shown in the first column of tables 1, 2, and 6, in the “Value added” column under the heading “1992.”

Seasonal adjustment. Individual series are seasonally adjusted by the X–11 ARIMA method, developed at Statistics Canada. For series based on production-worker hours, the current seasonal factors were estimated with data through October 1995; for other series, the factors were estimated with data through at least June 1995. In some cases, series were preadjusted for the effects of holidays or the business cycle before using X–11 ARIMA. The seasonally adjusted total index is calculated by aggregating the seasonally adjusted major market groups, and may not precisely equal an aggregation of the seasonally adjusted industry groups.

Reliability. The average revision to the level of the total IP index, without regard to sign, between the preliminary estimate and its third revision (or from the first and the

fourth estimates) was 0.35 percent during the 1972–92 period. The average revision to the percent change in total IP, without regard to sign, from the first to the fourth estimates was 0.26 percentage point during the same period. In most cases (about 85 percent), the direction of change in output indicated by the first estimate for a given month is the same as that shown by the fourth estimate.

Rounding. The published percent changes are calculated from unrounded indexes, and may not be the same as percent changes calculated from the rounded indexes shown in the release.

References. *Industrial Production—1986 Edition* contains a more detailed description of the methods used to compile the index, plus a history of its development, a glossary of terms, and a bibliography. To obtain *Industrial Production—1986 Edition* (\$9.00 per copy), write to Board of Governors of the Federal Reserve System, Publications Services, Washington, DC 20551. The 1990 and 1993 revisions to the index were described in the *Federal Reserve Bulletin*, vol. 76 (April 1990), pp. 187–204 and vol. 79 (June 1993), pp. 590–605, respectively. The early 1994 revision was described in the *Federal Reserve Bulletin*, vol. 80 (March 1994), pp. 220–6. The later 1994 revision was described in the *Federal Reserve Bulletin*, vol. 81 (January 1995), pp. 16–26. The annual revision published in November 1995 was described in the January 1996 *Federal Reserve Bulletin*.

Capacity Utilization

Definition. Capacity utilization is calculated for the manufacturing, mining, and electric and gas utilities industries. For a given industry, the utilization rate is equal to an output index divided by a capacity index. Output is measured by seasonally adjusted indexes of industrial production. The capacity indexes attempt to capture the concept of sustainable practical capacity, which is defined as the greatest level of output that a plant can maintain within the framework of a realistic work schedule, taking account of normal downtime, and assuming sufficient availability of inputs to operate the machinery and equipment in place. The 75 individual capacity indexes are based on a variety of data, including capacity data measured in physical units compiled by trade associations, surveys of utilization rates and investment, and estimates of growth of the capital input.

Groups. Estimates of capacity and utilization are available for a variety of groups, including primary and advanced processing industries within manufacturing, durable and nondurable manufacturing, total manufacturing, mining, utilities, and total industry. Component industries of the primary and advanced processing groups within manufacturing are listed in the note on tables 2 and 3 of the release.

Weights. Value-added proportions are used to weight the individual capacity indexes in aggregations in the same manner as individual IP series are aggregated to the total index of industrial production. Although each utilization rate is the result of dividing an IP series by a corresponding capacity index, aggregate utilization rates are equivalent to combinations of individual utilization rates aggregated with proportions that reflect current capacity levels of output valued in base-period value-added per unit of actual output. The implied proportions of individual industry operating rates in the rate for total industry for the most recent year are shown in the first column of table 3.

Perspective. The historical highs and lows in capacity utilization shown in the tables above are specific to each series and did not all occur in the same month. Industrial plants usually operate at capacity utilization rates that are well below 100 percent: none of the broad aggregates has ever reached 100 percent. For total industry and total manufacturing, utilization rates have exceeded 90 percent only in wartime.

References. The basic methodology used to estimate capacity and utilization is discussed in the *Federal Reserve Bulletin*, vol. 71 (October 1985), pp. 754–66. The 1990 and 1993 revisions were described in the *Federal Reserve Bulletin*, vol. 76 (June 1990), pp. 412–35 and vol. 79 (June 1993), pp. 590–605, respectively. The early 1994 revision was described in the *Federal Reserve Bulletin*, vol. 80 (March 1994), pp. 220–6. The later 1994 revision was described in the *Federal Reserve Bulletin*, vol. 81 (January 1995), pp. 16–26. The annual revision published in November 1995 will be described in the January 1996 *Federal Reserve Bulletin*.

Electric Power

Data on electric power (expressed in kilowatt hours) are collected by the Federal Reserve District Banks from electric utilities and also from manufacturing and mining establishments that generate electric power for their own use (cogenerators). The indexes of power use shown in table 9 are sums of kilowatt hours used by an industry or industry group expressed as a percentage of that industry’s or group’s usage in 1987. The first column of the table shows, for reference, electric power use in billions of kilowatt hours as reported by manufacturing and mining industries in the 1987 censuses of those industries. The supplementary group, “Total, less nuclear nondefense,” is shown separately because the nondefense nuclear material series (part of SIC 2819) accounts for a disproportionately large part of total electric power use. Because the value-added proportion for this industry in total IP is considerably smaller than its share of total electric power use, excluding this component from total power use facilitates comparisons with total IP.

Release Schedule for 1996

At 9:15 a.m. on January 24, February 16, March 15, April 16, May 15, June 14, July 16, August 15, September 17, October 17, November 15, and December 16.