

# Manufacturers' Shipments, Inventories, and Orders

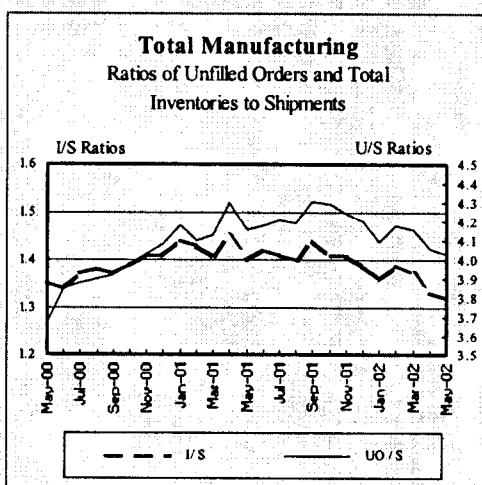
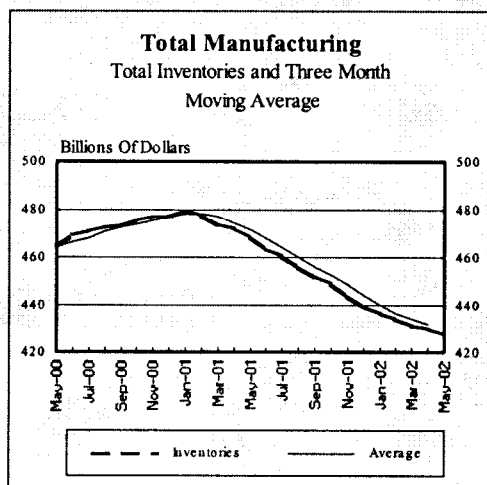
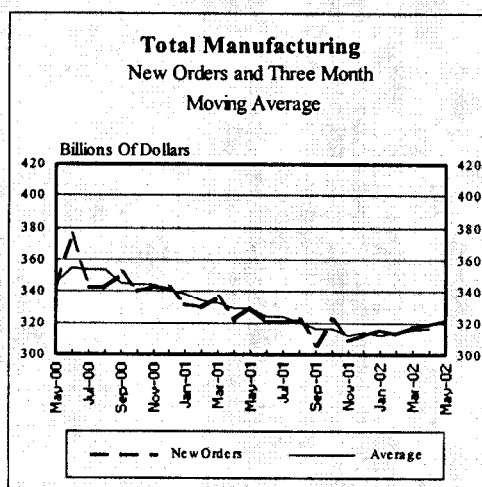
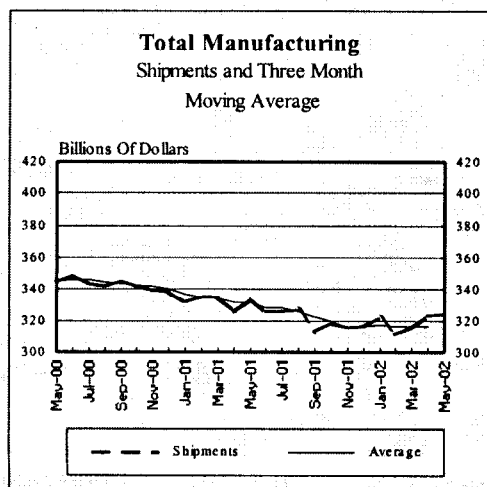
May  
2002

M3-1(02)-5

For Wire Transmission 10:00 a.m. E.S.T., July 3, 2002

Charts exclude semiconductor data

Current  
Industrial  
Reports



For data, call 301-457-4673. For inquiries, contact Dan Sansbury or Derrick Roy, Manufacturers' Shipments, Inventories and Orders Branch, Manufacturing and Construction Division (MCD), Washington, DC 20233-6900 or call 301-763-4804 or 301-763-4814.

The advance report on durable good for June is scheduled for July 25, 2002 at 8:30 a.m. and the full report on August 2, 2002 at 10:00 a.m. For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

Our Internet address is : <http://www.census.gov/indicator/www/m3>

USCENSUSBUREAU

Helping You Make Informed Decisions

U.S. Department of Commerce  
Economics and Statistics Administration  
U.S. CENSUS BUREAU



All figures in text are in seasonally adjusted current dollars

## Summary

New orders for manufactured goods, excluding semiconductors, in May increased \$2.1 billion or 0.7 percent to \$321.0 billion, the Department of Commerce, Census Bureau reported today. This followed a 0.7 percent April increase. Year to date, new orders for 2002 were 3.9 percent below the same period a year ago.

Shipments, excluding semiconductors, increased \$0.7 billion or 0.2 percent to \$323.6 billion, following a 2.3 percent April increase. Year to date, shipments for 2002 were 4.0 percent below the same period a year ago.

Unfilled orders, excluding semiconductors, decreased \$2.6 billion or 0.5 percent to \$496.6 billion, following a 0.8 percent April decrease. The unfilled orders-to-shipments ratio was 4.03, down 0.7 percent from 4.06 in April.

Inventories, excluding semiconductors, down sixteen consecutive months, decreased \$1.9 billion or 0.4 percent to \$428.2 billion, following a 0.3 percent April decrease. The inventories-to-shipments ratio was 1.32, down 0.8 percent from 1.33 in April.

## New Orders

New Orders for manufactured durable goods, excluding semiconductors, in May increased \$1.5 billion or 0.9 percent to \$173.9 billion, revised from the previously published 0.6 percent increase.

Fabricated metal products had the largest durable goods increase, \$0.5 billion or 2.4 percent to \$21.4 billion. Machinery also increased by \$0.5 billion or 2.1 percent to \$22.9 billion. Transportation equipment increased \$0.3 billion or 0.6 percent to \$50.4 billion, led mostly by nondefense aircraft and parts which increased \$1.9 billion.

New orders for nondurable goods increased \$0.6 billion or 0.4 percent to \$147.2 billion, led by an increase in beverage and tobacco products.

## Shipments

Shipments of durable goods, excluding semiconductors, in May increased \$0.1 billion to \$176.5 billion, revised from the previously published \$176.1 billion.

Machinery had the largest increase, \$0.8 billion or 3.3 percent to \$23.5 billion. Transportation equipment had the largest decrease, \$1.0 billion or 2.0 percent to \$52.6 billion, led by motor vehicles and parts.

Shipments of nondurable goods increased \$0.6 billion or 0.4 percent to \$147.2 billion, led by an increase in beverage and tobacco products.

## Unfilled Orders

Unfilled Orders for durable goods, excluding semiconductors, in May decreased \$2.6 billion or 0.5 percent to \$496.6 billion, revised from the previously published 0.6 percent decrease.

Transportation equipment had the largest decrease, \$2.2 billion or 0.9 percent to \$252.6 billion. Machinery, down five consecutive months, decreased \$0.6 billion or 1.1 percent to \$50.5 billion.

## Inventories

Inventories of durable goods, excluding semiconductors, in May, down sixteen consecutive months, decreased \$1.3 billion or 0.5 percent to \$266.5 billion, revised from the previously published 0.6 percent decrease. Durable goods inventories were at their lowest level since August 1996.

Computers and electronic products, excluding semiconductors, had the largest decrease, \$0.4 billion or 1.0 percent to \$44.0 billion, mostly due to nondefense communication equipment. Machinery, down fourteen consecutive months, decreased \$0.3 billion or 0.7 percent to \$45.4 billion. Fabricated metal products, down sixteen consecutive months, also decreased \$0.3 billion or 1.1 percent to \$30.7 billion.

Inventories of nondurable goods decreased \$0.6 billion or 0.4 percent to \$161.7 billion.

By stage of fabrication, excluding semiconductors, May materials and supplies decreased 0.9 percent in durables and 0.6 percent in nondurables. Work in process decreased 0.3 percent in durables and increased 0.5 percent in nondurables. Finished goods decreased 0.2 percent in durables and 0.5 percent in nondurables.

**SEE BACK PAGE FOR SURVEY DESCRIPTION**

**Our internet address is: <http://www.census.gov/indicator/www/m3>**

For data, call 301-457-4673. For inquiries, contact Dan Sansbury or Derrick Roy, Manufacturers' Shipments, Inventories, and Orders Branch, Manufacturing and Construction Division (MCD), Washington, DC 20233-6900, or call 301-763-4832 or 301-763-4814.

The advance report on durable goods for June is scheduled for July 25, 2002 at 8:30 A.M. EDT and the full report on August 2, 2002 at 10:00 A.M. EDT. For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

**Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS**  
(Millions of Dollars)

| Industry                                                                 | Seasonally Adjusted   |                        |           |                |             |             | Not Seasonally Adjusted <sup>1</sup> |                        |           |          |                |                   |           |
|--------------------------------------------------------------------------|-----------------------|------------------------|-----------|----------------|-------------|-------------|--------------------------------------|------------------------|-----------|----------|----------------|-------------------|-----------|
|                                                                          | Monthly               |                        |           | Percent Change |             |             | Monthly                              |                        |           |          | Percent Change | Year to date      |           |
|                                                                          | May 2002 <sup>p</sup> | Apr. 2002 <sup>r</sup> | Mar. 2002 | Apr. - May     | Mar. - Apr. | Feb. - Mar. | May 2002 <sup>p</sup>                | Apr. 2002 <sup>r</sup> | Mar. 2002 | May 2001 | May 02/01      | 2002 <sup>p</sup> | 2001      |
| All manufacturing industries <sup>2</sup>                                | 323,645               | 322,962                | 315,593   | 0.2            | 2.3         | 1.3         | 332,826                              | 319,852                | 332,852   | 340,558  | -2.3           | 1,576,542         | 1,639,573 |
| Excluding transportation <sup>2</sup>                                    | 271,067               | 269,336                | 265,127   | 0.6            | 1.6         | 2.0         | 275,565                              | 265,892                | 276,767   | 285,405  | -3.4           | 1,311,019         | 1,391,251 |
| Excluding defense <sup>2</sup>                                           | 316,097               | 315,443                | 307,626   | 0.2            | 2.5         | 1.1         | 325,369                              | 312,923                | 324,230   | 334,060  | -2.6           | 1,540,420         | 1,609,054 |
| With unfilled orders <sup>2</sup>                                        | 123,260               | 123,001                | 121,072   | 0.2            | 1.6         | 0.7         | 126,510                              | 120,756                | 131,592   | 130,304  | -2.9           | 601,300           | 638,807   |
| Durable goods industries <sup>2</sup>                                    | 176,495               | 176,426                | 170,376   | 0.0            | 3.6         | 0.0         | 182,802                              | 174,259                | 184,912   | 183,764  | -0.5           | 859,637           | 884,955   |
| Wood products.....                                                       | 7,335                 | 7,484                  | 7,488     | -2.0           | -0.1        | 1.5         | 7,906                                | 7,642                  | 7,292     | 8,130    | -2.8           | 36,017            | 35,090    |
| Nonmetallic mineral products.....                                        | 8,498                 | 8,332                  | 7,678     | 2.0            | 8.5         | 4.6         | 9,096                                | 8,451                  | 7,555     | 8,233    | 10.5           | 38,594            | 37,235    |
| Primary metals.....                                                      | 11,381                | 11,315                 | 10,954    | 0.6            | 3.3         | 3.1         | 12,060                               | 11,708                 | 11,425    | 12,272   | -1.7           | 56,342            | 59,624    |
| Iron and steel mills.....                                                | 5,148                 | 5,113                  | 4,923     | 0.7            | 3.9         | 4.0         | 5,480                                | 5,290                  | 5,127     | 5,491    | -0.2           | 25,371            | 26,395    |
| Aluminum and nonferrous metals.....                                      | 4,883                 | 4,834                  | 4,726     | 1.0            | 2.3         | 3.4         | 5,092                                | 4,989                  | 4,920     | 5,240    | -2.8           | 24,107            | 26,122    |
| Ferrous metal foundries.....                                             | 1,350                 | 1,368                  | 1,305     | -1.3           | 4.8         | -0.9        | 1,488                                | 1,429                  | 1,378     | 1,541    | -3.4           | 6,864             | 7,107     |
| Fabricated metal products.....                                           | 21,087                | 21,171                 | 20,518    | -0.4           | 3.2         | 0.6         | 22,044                               | 21,349                 | 21,084    | 22,213   | -0.8           | 103,728           | 106,433   |
| Machinery.....                                                           | 23,471                | 22,718                 | 22,526    | 3.3            | 0.9         | -2.5        | 24,345                               | 23,327                 | 24,955    | 25,060   | -2.9           | 113,900           | 123,301   |
| Farm machinery.....                                                      | 1,373                 | 1,415                  | 1,495     | -3.0           | -5.4        | 4.0         | 1,591                                | 1,780                  | 1,868     | 1,419    | 12.1           | 8,122             | 6,744     |
| Construction machinery.....                                              | 1,786                 | 1,751                  | 1,707     | 2.0            | 2.6         | 10.7        | 2,007                                | 1,920                  | 2,075     | 1,922    | 4.4            | 8,989             | 9,533     |
| Mining, oil field, and gas field machinery.....                          | 740                   | 779                    | 713       | -5.0           | 9.3         | -2.1        | 681                                  | 743                    | 752       | 768      | -11.3          | 3,618             | 3,823     |
| Industrial machinery.....                                                | 3,175                 | 3,063                  | 2,891     | 3.7            | 5.9         | -2.5        | 2,990                                | 3,167                  | 3,282     | 3,262    | -8.3           | 14,753            | 18,709    |
| Photographic equipment.....                                              | 1,386                 | 1,338                  | 1,410     | 3.6            | -5.1        | 9.0         | 1,401                                | 1,281                  | 1,424     | 1,405    | -0.3           | 6,409             | 6,596     |
| Ventilation, heating, air-conditioning, and refrigeration equipment..... | 2,659                 | 2,688                  | 2,712     | -1.1           | -0.9        | 6.6         | 2,923                                | 2,686                  | 2,919     | 3,182    | -8.1           | 13,108            | 14,204    |
| Metalworking machinery.....                                              | 2,092                 | 2,128                  | 1,983     | -1.7           | 7.3         | -2.8        | 2,071                                | 1,968                  | 2,181     | 2,285    | -9.4           | 9,647             | 11,202    |
| Turbines, generators, and other power transmission equipment.....        | 3,435                 | 2,670                  | 3,119     | 28.7           | -14.4       | -24.4       | 3,402                                | 2,511                  | 3,271     | 3,184    | 6.8            | 14,853            | 14,597    |
| Material handling equipment.....                                         | 1,372                 | 1,419                  | 1,386     | -3.3           | 2.4         | 2.3         | 1,400                                | 1,440                  | 1,565     | 1,643    | -14.8          | 7,126             | 8,496     |
| Computers and electronic products <sup>2</sup>                           | 27,113                | 26,845                 | 26,463    | 1.0            | 1.4         | 0.9         | 25,101                               | 23,445                 | 30,727    | 26,846   | -6.5           | 125,159           | 146,702   |
| Electronic computers.....                                                | 3,642                 | 3,733                  | 3,596     | -2.4           | 3.8         | -4.7        | 3,219                                | 3,269                  | 4,485     | 4,287    | -24.9          | 17,533            | 23,728    |
| Computer storage devices.....                                            | 1,263                 | 1,292                  | 1,301     | -2.2           | -0.7        | -2.4        | 1,000                                | 903                    | 1,823     | 1,002    | -0.2           | 5,679             | 5,394     |
| Other peripheral equipment.....                                          | 1,681                 | 1,646                  | 1,505     | 2.1            | 9.4         | -2.8        | 1,310                                | 1,148                  | 1,983     | 1,223    | 7.1            | 6,802             | 8,159     |
| Nondefense communications equipment.....                                 | 5,718                 | 5,764                  | 5,639     | -0.8           | 2.2         | -2.9        | 5,278                                | 4,931                  | 6,495     | 6,545    | -19.4          | 25,933            | 35,658    |
| Defense communications equipment.....                                    | 326                   | 308                    | 302       | 5.8            | 2.0         | -5.9        | 346                                  | 295                    | 333       | 324      | 6.8            | 1,583             | 1,454     |
| Audio and video equipment.....                                           | 787                   | 746                    | 707       | 5.5            | 5.5         | -1.8        | 675                                  | 605                    | 750       | 589      | 14.6           | 3,391             | 3,263     |
| Semiconductors <sup>3</sup>                                              | (NA)                  | (NA)                   | (NA)      | (NA)           | (NA)        | (NA)        | (NA)                                 | (NA)                   | (NA)      | (NA)     | (NA)           | (NA)              | (NA)      |
| Electronic components.....                                               | 4,323                 | 4,174                  | 4,149     | 3.6            | 0.6         | -1.9        | 4,245                                | 3,995                  | 4,369     | 4,406    | -3.7           | 20,401            | 25,722    |
| Nondefense search and navigation equipment.....                          | 747                   | 737                    | 774       | 1.4            | -4.8        | 4.0         | 737                                  | 670                    | 828       | 821      | -10.2          | 3,633             | 3,969     |
| Defense search and navigation equipment.....                             | 1,964                 | 1,991                  | 1,972     | -1.4           | 1.0         | 4.8         | 1,866                                | 1,883                  | 2,178     | 1,779    | 4.9            | 9,361             | 9,131     |
| Electromedical, measuring, and control instruments.....                  | 5,929                 | 5,761                  | 5,878     | 2.9            | -2.0        | 11.7        | 5,787                                | 5,183                  | 6,777     | 5,278    | 9.6            | 27,661            | 26,927    |
| Electrical equipment, appliances, and components.....                    | 9,228                 | 9,247                  | 9,005     | -0.2           | 2.7         | 3.2         | 9,329                                | 8,981                  | 9,777     | 10,462   | -10.8          | 44,308            | 51,166    |
| Electric lighting equipment.....                                         | 1,096                 | 1,110                  | 1,080     | -1.3           | 2.8         | -0.3        | 1,076                                | 1,015                  | 1,157     | 1,082    | -0.6           | 5,266             | 5,396     |
| Household appliances.....                                                | 2,063                 | 2,045                  | 1,945     | 0.9            | 5.1         | -2.8        | 2,162                                | 2,071                  | 2,104     | 2,065    | 4.7            | 9,995             | 9,766     |
| Electrical equipment.....                                                | 2,702                 | 2,709                  | 2,657     | -0.3           | 2.0         | 12.0        | 2,646                                | 2,492                  | 3,024     | 2,959    | -10.6          | 12,606            | 14,564    |
| Batteries.....                                                           | 569                   | 580                    | 553       | -1.9           | 4.9         | 3.4         | 546                                  | 500                    | 530       | 562      | -2.8           | 2,467             | 2,626     |
| Transportation equipment.....                                            | 52,578                | 53,626                 | 50,466    | -2.0           | 6.3         | -1.9        | 57,261                               | 53,960                 | 56,085    | 55,153   | 3.8            | 265,523           | 248,322   |
| Automobiles.....                                                         | 8,253                 | 8,396                  | 7,453     | -1.7           | 12.7        | -3.2        | 9,136                                | 8,618                  | 8,269     | 8,721    | 4.8            | 41,990            | 38,093    |
| Light trucks and utility vehicles.....                                   | 10,267                | 10,524                 | 8,668     | -2.4           | 21.4        | -12.6       | 11,637                               | 10,877                 | 9,966     | 11,055   | 5.3            | 52,309            | 47,158    |
| Heavy duty trucks.....                                                   | 1,180                 | 1,166                  | 996       | 1.2            | 17.1        | 6.1         | 1,252                                | 1,147                  | 1,094     | 1,197    | 4.6            | 5,290             | 5,705     |
| Motor vehicle bodies, parts, and trailers.....                           | 18,688                | 19,117                 | 17,814    | -2.2           | 7.3         | 0.4         | 20,939                               | 20,205                 | 19,151    | 19,416   | 7.8            | 95,158            | 90,621    |
| Nondefense aircraft and parts.....                                       | 6,415                 | 6,698                  | 7,365     | -4.2           | -9.1        | -1.6        | 6,538                                | 6,015                  | 8,580     | 8,056    | -18.8          | 33,510            | 35,737    |
| Defense aircraft and parts.....                                          | 2,906                 | 2,847                  | 3,028     | 2.1            | -6.0        | 10.5        | 2,818                                | 2,474                  | 3,185     | 2,089    | 34.9           | 12,995            | 9,578     |
| Ships and boats.....                                                     | 1,786                 | 1,805                  | 1,811     | -1.1           | -0.3        | 0.4         | 1,859                                | 1,855                  | 2,042     | 1,733    | 7.3            | 8,827             | 8,008     |
| Furniture and related products.....                                      | 5,686                 | 5,698                  | 5,505     | -0.2           | 3.5         | 0.2         | 5,545                                | 5,618                  | 5,710     | 5,678    | -2.3           | 27,815            | 29,532    |
| Miscellaneous durable goods.....                                         | 10,118                | 9,990                  | 9,773     | 1.3            | 2.2         | 1.3         | 10,115                               | 9,778                  | 10,302    | 9,717    | 4.1            | 48,251            | 47,550    |
| Nondurable goods industries.....                                         | 147,150               | 146,536                | 145,217   | 0.4            | 0.9         | 2.9         | 150,024                              | 145,593                | 147,940   | 156,794  | -4.3           | 716,905           | 754,618   |
| Food products.....                                                       | 37,397                | 37,607                 | 37,841    | -0.6           | -0.6        | 0.1         | 37,072                               | 36,148                 | 38,791    | 37,705   | -1.7           | 185,055           | 183,637   |
| Grain and oilseed milling.....                                           | 4,080                 | 4,043                  | 4,004     | 0.9            | 1.0         | -2.2        | 4,144                                | 3,903                  | 3,953     | 4,023    | 3.0            | 20,273            | 19,531    |
| Dairy products.....                                                      | 5,257                 | 5,289                  | 5,471     | -0.6           | 3.3         | 5.8         | 5,372                                | 5,103                  | 5,664     | 5,744    | -6.5           | 26,352            | 26,493    |
| Meat, poultry, and seafood products.....                                 | 11,057                | 11,227                 | 11,209    | -1.5           | 0.2         | -1.9        | 11,201                               | 11,056                 | 11,343    | 11,556   | -3.1           | 55,386            | 54,694    |
| Beverage and tobacco products.....                                       | 9,425                 | 8,925                  | 9,490     | 5.6            | -6.0        | 6.5         | 9,916                                | 8,947                  | 9,466     | 10,919   | -9.2           | 45,395            | 47,212    |
| Beverages.....                                                           | 5,769                 | 5,711                  | 5,675     | 1.0            | 0.6         | 1.0         | 6,260                                | 5,733                  | 5,651     | 6,168    | 1.5            | 27,491            | 26,547    |
| Tobacco.....                                                             | 3,656                 | 3,214                  | 3,815     | 13.8           | -15.8       | 15.9        | 3,656                                | 3,214                  | 3,815     | 4,751    | -23.0          | 17,904            | 20,665    |
| Textile mills.....                                                       | 3,657                 | 3,805                  | 3,472     | -3.9           | 9.6         | 0.1         | 3,678                                | 3,664                  | 3,767     | 3,841    | -4.2           | 17,554            | 19,207    |
| Textile products.....                                                    | 3,173                 | 3,215                  | 2,988     | -1.3           | 7.6         | 0.3         | 3,204                                | 3,212                  | 3,158     | 2,873    | 11.5           | 14,996            | 14,011    |
| Apparel.....                                                             | 4,766                 | 4,722                  | 4,538     | 0.9            | 4.1         | -1.8        | 4,382                                | 4,561                  | 4,677     | 4,403    | -0.5           | 22,692            | 23,943    |
| Leather and allied products.....                                         | 668                   | 719                    | 571       | -7.1           | 25.9        | -9.1        | 640                                  | 635                    | 598       | 709      | -9.7           | 3,023             | 3,696     |
| Paper products.....                                                      | 12,518                | 12,410                 | 12,126    | 0.9            | 2.3         | 3.6         | 12,652                               | 12,214                 | 12,148    | 13,071   | -3.2           | 60,669            | 65,217    |
| Pulp, paper, and paperboard mills.....                                   | 5,904                 | 5,739                  | 5,648     | 2.9            | 1.6         | 6.8         | 5,851                                | 5,691                  | 5,639     | 6,045    | -3.2           | 28,116            | 30,910    |
| Paperboard containers.....                                               | 3,640                 | 3,616                  | 3,522     | 0.7            | 2.7         | 1.6         | 3,787                                | 3,618                  | 3,577     | 3,761    | 0.7            | 17,914            | 18,457    |
| Printing.....                                                            | 7,933                 | 7,997                  | 7,958     | -0.8           | 0.5         | 3.2         | 7,672                                | 7,710                  | 8,121     | 8,084    | -5.1           | 38,291            | 40,986    |
| Petroleum and coal products.....                                         | 17,962                | 17,805                 | 17,911    | 0.9            | -0.6        | 12.9        | 18,852                               | 17,564                 | 16,671    | 21,343   | -11.7          | 82,315            | 95,361    |
| Petroleum refineries.....                                                | 16,365                | 16,255                 | 16,383    | 0.7            | -0.8        | 13.7        | 17,127                               | 16,080                 | 15,233    | 19,597   | -12.6          | 75,509            | 88,266    |
| Basic chemicals.....                                                     | 34,687                | 34,431                 | 33,953    | 0.7            | 1.4         | 2.8         | 36,018                               | 35,436                 | 35,665    | 38,410   | -6.2           | 172,544           | 187,730   |
| Pesticides, fertilizers, and other agricultural chemicals.....           | 1,606                 | 1,653                  | 1,638     | -2.8           | 0.9         | 6.0         | 2,509                                | 2,957                  | 2,316     | 2,679    | -6.3           | 10,708            | 11,566    |
| Pharmaceuticals and medicines.....                                       | 8,453                 | 8,537                  | 8,611     | -1.0           | -0.9        | -0.3        | 8,500                                | 8,287                  | 8,922     | 10,144   | -16.2          | 43,192            | 49,779    |
| Paints, coatings, and adhesives.....                                     | 2,301                 | 2,281                  | 2,260     | 0.9            | 0.9         | -3.5        | 2,566                                | 2,407                  | 2,309     | 2,641    | -2.8           | 11,709            | 11,852    |
| Plastics and rubber products.....                                        | 14,964                | 14,900                 | 14,369    | 0.4            | 3.7         | -0.2        | 15,938                               | 15,502                 | 14,878    | 15,436   | 3.3            | 74,371            | 73,618    |

<sup>p</sup> Preliminary      <sup>r</sup> Revised      (NA) Not available.

<sup>1</sup> Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations.

<sup>2</sup> See footnote at end of Table 2.

<sup>3</sup> See footnote at end of Table 2.

See note at end of Table 2 relating to survey error and revision.

**Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS**  
(Millions of Dollars)

| Industry                                                                 | Seasonally Adjusted   |                        |           |                |             |             | Not Seasonally Adjusted <sup>1</sup> |                        |           |          |                          |                   |           |
|--------------------------------------------------------------------------|-----------------------|------------------------|-----------|----------------|-------------|-------------|--------------------------------------|------------------------|-----------|----------|--------------------------|-------------------|-----------|
|                                                                          | Monthly               |                        |           | Percent Change |             |             | Monthly                              |                        |           |          | Percent Change May 02/01 | Year to date      |           |
|                                                                          | May 2002 <sup>p</sup> | Apr. 2002 <sup>r</sup> | Mar. 2002 | Apr. - May     | Mar. - Apr. | Feb. - Mar. | May 2002 <sup>p</sup>                | Apr. 2002 <sup>r</sup> | Mar. 2002 | May 2001 |                          | 2002 <sup>p</sup> | 2001      |
| All manufacturing industries <sup>2</sup> .....                          | 321,006               | 318,861                | 316,737   | 0.7            | 0.7         | 1.2         | 328,054                              | 316,483                | 334,883   | 333,718  | -1.7                     | 1,575,822         | 1,636,375 |
| Excluding transportation <sup>2</sup> .....                              | 270,632               | 268,777                | 262,886   | 0.7            | 2.2         | 1.6         | 274,389                              | 266,039                | 274,110   | 280,528  | -2.2                     | 1,309,042         | 1,381,250 |
| Excluding defense <sup>2</sup> .....                                     | 314,766               | 312,152                | 304,932   | 0.8            | 2.4         | 0.5         | 323,033                              | 310,390                | 321,085   | 327,970  | -1.5                     | 1,534,671         | 1,600,808 |
| With unfilled orders <sup>2</sup> .....                                  | 120,621               | 118,900                | 122,216   | 1.4            | -2.7        | 0.3         | 121,738                              | 117,387                | 133,623   | 123,464  | -1.4                     | 600,580           | 635,609   |
| Durable goods industries <sup>2</sup> .....                              | 173,856               | 172,325                | 171,520   | 0.9            | 0.5         | -0.3        | 178,030                              | 170,890                | 186,943   | 176,924  | 0.6                      | 858,917           | 881,757   |
| Primary metals.....                                                      | 11,382                | 11,290                 | 10,623    | 0.8            | 6.3         | 0.2         | 11,891                               | 11,624                 | 11,195    | 12,069   | -1.5                     | 56,704            | 59,869    |
| Iron and steel mills.....                                                | 5,338                 | 5,330                  | 4,925     | 0.2            | 8.2         | 1.9         | 5,627                                | 5,501                  | 5,233     | 5,396    | 4.3                      | 26,560            | 26,460    |
| Aluminum and nonferrous metals.....                                      | 4,752                 | 4,648                  | 4,412     | 2.2            | 5.3         | -1.6        | 4,872                                | 4,733                  | 4,628     | 5,114    | -4.7                     | 23,389            | 26,238    |
| Ferrous metal foundries.....                                             | 1,292                 | 1,312                  | 1,286     | -1.5           | 2.0         | -0.1        | 1,392                                | 1,390                  | 1,334     | 1,559    | -10.7                    | 6,755             | 7,171     |
| Fabricated metal products.....                                           | 21,408                | 20,913                 | 20,568    | 2.4            | 1.7         | 0.8         | 22,649                               | 21,219                 | 21,442    | 21,797   | -3.9                     | 104,387           | 106,028   |
| Machinery.....                                                           | 22,920                | 22,446                 | 21,458    | 2.1            | 4.6         | -2.4        | 23,555                               | 23,369                 | 23,624    | 24,095   | -2.2                     | 111,439           | 121,597   |
| Construction machinery.....                                              | 1,767                 | 1,888                  | 1,681     | -6.4           | 12.3        | 16.1        | 1,893                                | 2,073                  | 2,010     | 1,754    | 7.9                      | 9,182             | 9,239     |
| Mining, oil field, and gas field machinery.....                          | 728                   | 719                    | 750       | 1.3            | -4.1        | -6.1        | 669                                  | 683                    | 789       | 812      | -17.6                    | 3,698             | 3,960     |
| Industrial machinery.....                                                | 3,490                 | 3,357                  | 3,039     | 4.0            | 10.5        | 3.4         | 3,321                                | 3,694                  | 3,129     | 3,022    | 9.9                      | 15,775            | 16,968    |
| Photographic equipment.....                                              | 1,429                 | 1,413                  | 1,441     | 1.1            | -1.9        | 11.4        | 1,461                                | 1,347                  | 1,452     | 1,397    | 4.6                      | 6,595             | 6,447     |
| Ventilation, heating, air-conditioning, and refrigeration equipment..... | 2,669                 | 2,766                  | 2,643     | -3.5           | 4.7         | 4.2         | 2,973                                | 2,871                  | 2,897     | 2,982    | -0.3                     | 13,635            | 14,353    |
| Metalworking machinery.....                                              | 2,045                 | 2,025                  | 1,920     | 1.0            | 5.5         | -2.0        | 2,053                                | 1,915                  | 2,129     | 2,434    | -15.7                    | 9,582             | 11,117    |
| Turbines, generators, and other power transmission equipment.....        | 2,469                 | 2,272                  | 2,101     | 8.7            | 8.1         | -34.4       | 2,403                                | 2,040                  | 2,108     | 2,956    | -18.7                    | 10,709            | 15,288    |
| Material handling equipment.....                                         | 1,330                 | 1,329                  | 1,331     | 0.1            | -0.2        | 6.6         | 1,242                                | 1,273                  | 1,636     | 1,509    | -17.7                    | 6,738             | 8,447     |
| Computers and electronic products <sup>2</sup> .....                     | 26,958                | 26,787                 | 26,048    | 0.6            | 2.8         | 0.3         | 24,297                               | 23,615                 | 30,030    | 24,569   | -1.1                     | 124,788           | 142,395   |
| Electronic computers.....                                                | 3,567                 | 3,469                  | 3,580     | 2.8            | -3.1        | -7.9        | 3,419                                | 2,965                  | 4,409     | 4,491    | -23.9                    | 17,616            | 23,876    |
| Nondefense communications equipment.....                                 | 6,082                 | 5,927                  | 5,119     | 2.6            | 15.8        | -16.1       | 5,295                                | 5,048                  | 5,982     | 5,371    | -1.4                     | 26,575            | 34,345    |
| Defense communications equipment.....                                    | 253                   | 257                    | 288       | -1.6           | -10.8       | -11.7       | 273                                  | 244                    | 319       | 238      | 14.7                     | 1,439             | 1,512     |
| Semiconductors <sup>3</sup> .....                                        | (NA)                  | (NA)                   | (NA)      | (NA)           | (NA)        | (NA)        | (NA)                                 | (NA)                   | (NA)      | (NA)     | (NA)                     | (NA)              | (NA)      |
| Electronic components.....                                               | 4,024                 | 4,219                  | 4,487     | -4.6           | -6.0        | 13.1        | 3,690                                | 4,228                  | 4,342     | 3,841    | -3.9                     | 20,036            | 22,277    |
| Nondefense search and navigation equipment.....                          | 701                   | 694                    | 742       | 1.0            | -6.5        | 8.6         | 695                                  | 627                    | 832       | 696      | -0.1                     | 3,544             | 3,603     |
| Defense search and navigation equipment.....                             | 1,928                 | 1,869                  | 1,758     | 3.2            | 6.3         | 18.7        | 1,471                                | 1,728                  | 2,327     | 1,123    | 31.0                     | 8,411             | 9,361     |
| Electromedical, measuring, and control instruments.....                  | 5,939                 | 5,975                  | 5,921     | -0.6           | 0.9         | 11.1        | 5,831                                | 5,556                  | 6,557     | 5,403    | 7.9                      | 28,113            | 27,308    |
| Electrical equipment, appliances, and components.....                    | 9,362                 | 9,495                  | 8,676     | -1.4           | 9.4         | -2.8        | 9,430                                | 9,158                  | 9,218     | 9,839    | -4.2                     | 44,286            | 49,770    |
| Electric lighting equipment.....                                         | 1,135                 | 1,150                  | 1,074     | -1.3           | 7.1         | 0.4         | 1,185                                | 1,066                  | 1,136     | 1,159    | 2.2                      | 5,398             | 5,474     |
| Household appliances.....                                                | 2,039                 | 2,168                  | 1,943     | -6.0           | 11.6        | -2.6        | 2,081                                | 2,092                  | 1,945     | 2,047    | 1.7                      | 9,770             | 9,574     |
| Electrical equipment.....                                                | 2,778                 | 2,777                  | 2,408     | 0.0            | 15.3        | -4.1        | 2,743                                | 2,556                  | 2,698     | 2,990    | -8.3                     | 12,577            | 14,387    |
| Transportation equipment.....                                            | 50,374                | 50,084                 | 53,851    | 0.6            | -7.0        | -0.9        | 53,665                               | 50,444                 | 60,773    | 53,190   | 0.9                      | 266,780           | 255,125   |
| Motor vehicle bodies, parts, and trailers.....                           | 18,871                | 19,241                 | 17,970    | -1.9           | 7.1         | 0.8         | 20,809                               | 20,181                 | 19,236    | 18,822   | 10.6                     | 95,693            | 90,184    |
| Nondefense aircraft and parts.....                                       | 5,593                 | 3,740                  | 6,502     | 49.5           | -42.5       | 3.5         | 5,406                                | 3,224                  | 8,116     | 6,843    | -21.0                    | 27,037            | 36,529    |
| Defense aircraft and parts.....                                          | 2,140                 | 2,144                  | 6,335     | -0.2           | -66.2       | 72.8        | 1,815                                | 1,977                  | 7,132     | 2,869    | -36.7                    | 18,472            | 12,110    |
| Ships and boats.....                                                     | 1,592                 | 2,275                  | 1,559     | -30.0          | 45.9        | -58.4       | 1,442                                | 2,421                  | 1,795     | 1,367    | 5.5                      | 10,178            | 11,507    |
| Furniture and related products.....                                      | 5,661                 | 5,642                  | 5,455     | 0.3            | 3.4         | 0.1         | 5,586                                | 5,728                  | 5,610     | 5,678    | -1.6                     | 27,918            | 29,158    |
| Nondurable goods industries.....                                         | 147,150               | 146,536                | 145,217   | 0.4            | 0.9         | 2.9         | 150,024                              | 145,593                | 147,940   | 156,794  | -4.3                     | 716,905           | 754,618   |

<sup>p</sup> Preliminary      <sup>r</sup> Revised      (NA) Not available.

<sup>1</sup> Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations.

<sup>2</sup> Aggregate estimates and percent changes exclude semiconductor industry data. Due to the number of large semiconductor manufacturers choosing not to participate in this voluntary monthly survey, the Census Bureau cannot currently produce monthly estimates of semiconductor shipments, orders, or inventories.

<sup>3</sup> Due to the number of large semiconductor manufacturers choosing not to participate in this voluntary monthly survey, the Census Bureau cannot currently produce monthly estimates of semiconductor shipments, orders, or inventories.

Note: Estimates of manufacturers' shipments, inventories and orders are subject to survey error and revision. One major component of survey error is nonsampling error, which includes errors of coverage, response, and nonreporting. Since the survey panel is not a probability sample, estimates of sampling error cannot be calculated. Further details on survey design, methodology, and data limitations are contained in our most recent annual benchmark publication, Current Industrial Reports: M3-1(01), "Manufacturers' Shipments, Inventories, and Orders: 1992-2001."

**Table 3. VALUE OF MANUFACTURERS' UNFULFILLED ORDERS FOR INDUSTRY GROUPS**  
(Millions of Dollars)

| Industry                                                                 | Seasonally Adjusted   |                        |           |                |             |             | Not Seasonally Adjusted |                        |           |          |                          |
|--------------------------------------------------------------------------|-----------------------|------------------------|-----------|----------------|-------------|-------------|-------------------------|------------------------|-----------|----------|--------------------------|
|                                                                          | Monthly               |                        |           | Percent Change |             |             | Monthly                 |                        |           |          | Percent Change May 02/01 |
|                                                                          | May 2002 <sup>p</sup> | Apr. 2002 <sup>r</sup> | Mar. 2002 | Apr. - May     | Mar. - Apr. | Feb. - Mar. | May 2002 <sup>p</sup>   | Apr. 2002 <sup>r</sup> | Mar. 2002 | May 2001 |                          |
| All manufacturing industries <sup>1</sup> .....                          | 496,597               | 499,236                | 503,337   | -0.5           | -0.8        | 0.2         | 501,238                 | 506,010                | 509,379   | 539,731  | -7.1                     |
| Excluding transportation <sup>1</sup> .....                              | 243,973               | 244,408                | 244,967   | -0.2           | -0.2        | -0.9        | 246,350                 | 247,526                | 247,379   | 273,059  | -9.8                     |
| Excluding defense <sup>1</sup> .....                                     | 353,273               | 354,604                | 357,895   | -0.4           | -0.9        | -0.7        | 355,511                 | 357,847                | 360,380   | 403,841  | -12.0                    |
| Durable goods industries <sup>1</sup> .....                              | 496,597               | 499,236                | 503,337   | -0.5           | -0.8        | 0.2         | 501,238                 | 506,010                | 509,379   | 539,731  | -7.1                     |
| Primary metals.....                                                      | 16,031                | 16,030                 | 16,055    | 0.0            | -0.2        | -2.0        | 16,465                  | 16,634                 | 16,718    | 18,592   | -11.4                    |
| Iron and steel mills.....                                                | 8,718                 | 8,528                  | 8,311     | 2.2            | 2.6         | 0.0         | 9,094                   | 8,947                  | 8,736     | 9,084    | 0.1                      |
| Aluminum and nonferrous metals.....                                      | 5,019                 | 5,150                  | 5,336     | -2.5           | -3.5        | -5.6        | 5,064                   | 5,284                  | 5,540     | 7,010    | -27.8                    |
| Ferrous metal foundries.....                                             | 2,294                 | 2,352                  | 2,408     | -2.5           | -2.3        | -0.8        | 2,307                   | 2,403                  | 2,442     | 2,498    | -7.6                     |
| Fabricated metal products.....                                           | 40,059                | 39,738                 | 39,996    | 0.8            | -0.6        | 0.1         | 40,468                  | 39,863                 | 39,993    | 43,771   | -7.5                     |
| Machinery.....                                                           | 50,479                | 51,030                 | 51,302    | -1.1           | -0.5        | -2.0        | 50,953                  | 51,743                 | 51,701    | 58,262   | -12.5                    |
| Construction machinery.....                                              | 2,215                 | 2,234                  | 2,097     | -0.9           | 6.5         | -1.2        | 2,336                   | 2,450                  | 2,297     | 2,460    | -5.0                     |
| Mining, oil field, and gas field machinery.....                          | 1,279                 | 1,291                  | 1,351     | -0.9           | -4.4        | 2.8         | 1,279                   | 1,291                  | 1,351     | 1,176    | 8.8                      |
| Industrial machinery.....                                                | 9,458                 | 9,143                  | 8,849     | 3.4            | 3.3         | 1.7         | 9,581                   | 9,250                  | 8,723     | 10,108   | -5.2                     |
| Photographic equipment.....                                              | 986                   | 943                    | 868       | 4.6            | 8.6         | 3.7         | 1,002                   | 942                    | 876       | 832      | 20.4                     |
| Ventilation, heating, air-conditioning, and refrigeration equipment..... | 4,696                 | 4,686                  | 4,608     | 0.2            | 1.7         | -1.5        | 4,884                   | 4,834                  | 4,649     | 5,005    | -2.4                     |
| Metalworking machinery.....                                              | 3,690                 | 3,737                  | 3,840     | -1.3           | -2.7        | -1.6        | 3,784                   | 3,802                  | 3,855     | 5,227    | -27.6                    |
| Turbines, generators, and other power transmission equipment.....        | 14,236                | 15,202                 | 15,600    | -6.4           | -2.6        | -6.1        | 14,081                  | 15,080                 | 15,551    | 18,003   | -21.8                    |
| Material handling equipment.....                                         | 4,958                 | 5,000                  | 5,090     | -0.8           | -1.8        | -1.1        | 4,976                   | 5,134                  | 5,301     | 5,681    | -12.4                    |
| Computers and electronic products <sup>1</sup> .....                     | 112,576               | 112,731                | 112,789   | -0.1           | -0.1        | -0.4        | 113,580                 | 114,384                | 114,911   | 125,631  | -9.6                     |
| Electronic computers.....                                                | 6,696                 | 6,771                  | 7,035     | -1.1           | -3.8        | -0.2        | 6,887                   | 6,687                  | 6,991     | 7,532    | -8.6                     |
| Nondefense communications equipment.....                                 | 39,846                | 39,482                 | 39,319    | 0.9            | 0.4         | -1.3        | 40,330                  | 40,313                 | 40,196    | 47,047   | -14.3                    |
| Defense communications equipment.....                                    | 2,421                 | 2,494                  | 2,545     | -2.9           | -2.0        | -0.5        | 2,421                   | 2,494                  | 2,545     | 2,729    | -11.3                    |
| Semiconductors <sup>2</sup> .....                                        | (NA)                  | (NA)                   | (NA)      | (NA)           | (NA)        | (NA)        | (NA)                    | (NA)                   | (NA)      | (NA)     | (NA)                     |
| Electronic components.....                                               | 16,187                | 16,486                 | 16,441    | -1.8           | 0.3         | 2.1         | 15,951                  | 16,506                 | 16,273    | 17,968   | -11.2                    |
| Nondefense search and navigation equipment.....                          | 4,285                 | 4,331                  | 4,374     | -1.1           | -1.0        | -0.7        | 4,336                   | 4,378                  | 4,421     | 5,147    | -15.8                    |
| Defense search and navigation equipment.....                             | 30,377                | 30,413                 | 30,535    | -0.1           | -0.4        | -0.7        | 30,730                  | 31,125                 | 31,280    | 32,705   | -6.0                     |
| Electromedical, measuring, and control instruments.....                  | 12,764                | 12,754                 | 12,540    | 0.1            | 1.7         | 0.3         | 12,925                  | 12,881                 | 12,508    | 12,503   | 3.4                      |
| Electrical equipment, appliances, and components.....                    | 14,813                | 14,679                 | 14,431    | 0.9            | 1.7         | -2.2        | 14,854                  | 14,753                 | 14,576    | 16,353   | -9.2                     |
| Electric lighting equipment.....                                         | 1,468                 | 1,429                  | 1,389     | 2.7            | 2.9         | -0.4        | 1,518                   | 1,409                  | 1,358     | 1,521    | -0.2                     |
| Household appliances.....                                                | 1,119                 | 1,143                  | 1,020     | -2.1           | 12.1        | -0.2        | 1,054                   | 1,135                  | 1,114     | 1,053    | 0.1                      |
| Electrical equipment.....                                                | 8,863                 | 8,787                  | 8,719     | 0.9            | 0.8         | -2.8        | 8,908                   | 8,811                  | 8,747     | 9,031    | -1.4                     |
| Transportation equipment.....                                            | 252,624               | 254,828                | 258,370   | -0.9           | -1.4        | 1.3         | 254,888                 | 258,484                | 262,000   | 266,672  | -4.4                     |
| Motor vehicle bodies, parts, and trailers.....                           | 12,674                | 12,491                 | 12,367    | 1.5            | 1.0         | 1.3         | 12,728                  | 12,858                 | 12,882    | 13,291   | -4.2                     |
| Nondefense aircraft and parts.....                                       | 116,710               | 117,532                | 120,490   | -0.7           | -2.5        | -0.7        | 116,870                 | 118,002                | 120,793   | 138,793  | -15.8                    |
| Defense aircraft and parts.....                                          | 55,261                | 56,027                 | 56,730    | -1.4           | -1.2        | 6.2         | 56,760                  | 57,763                 | 58,260    | 43,902   | 29.3                     |
| Ships and boats.....                                                     | 21,692                | 21,886                 | 21,416    | -0.9           | 2.2         | -1.2        | 21,923                  | 22,340                 | 21,774    | 21,931   | 0.0                      |
| Furniture and related products.....                                      | 6,096                 | 6,121                  | 6,177     | -0.4           | -0.9        | -0.8        | 6,111                   | 6,070                  | 5,960     | 6,493    | -5.9                     |

<sup>p</sup> Preliminary      <sup>r</sup> Revised      (NA) Not available.

<sup>1</sup> Aggregate estimates and percent changes exclude semiconductor industry data. Due to the number of large semiconductor manufacturers choosing not to participate in this voluntary monthly survey, the Census Bureau cannot currently produce monthly estimates of semiconductor shipments, orders, or inventories.

<sup>2</sup> Due to the number of large semiconductor manufacturers choosing not to participate in this voluntary monthly survey, the Census Bureau cannot currently produce monthly estimates of semiconductor shipments, orders, or inventories.

See note at end of Table 2 relating to survey error and revision.

**Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS**  
(Millions of Dollars)

| Industry                                                                    | Seasonally Adjusted      |                           |              |                |                |                | Not Seasonally Adjusted  |                           |              |             |                                |
|-----------------------------------------------------------------------------|--------------------------|---------------------------|--------------|----------------|----------------|----------------|--------------------------|---------------------------|--------------|-------------|--------------------------------|
|                                                                             | Monthly                  |                           |              | Percent Change |                |                | Monthly                  |                           |              |             | Percent Change<br>May<br>02/01 |
|                                                                             | May<br>2002 <sup>p</sup> | Apr.<br>2002 <sup>r</sup> | Mar.<br>2002 | Apr. -<br>May  | Mar. -<br>Apr. | Feb. -<br>Mar. | May<br>2002 <sup>p</sup> | Apr.<br>2002 <sup>r</sup> | Mar.<br>2002 | May<br>2001 |                                |
| All manufacturing industries <sup>1</sup>                                   | 428,232                  | 430,153                   | 431,434      | -0.4           | -0.3           | -0.6           | 430,677                  | 431,168                   | 428,387      | 471,504     | -8.7                           |
| Excluding transportation <sup>1</sup>                                       | 356,221                  | 357,978                   | 358,994      | -0.5           | -0.3           | -0.3           | 358,720                  | 359,375                   | 357,232      | 394,680     | -9.1                           |
| Excluding defense <sup>1</sup>                                              | 406,143                  | 407,740                   | 408,935      | -0.4           | -0.3           | -0.6           | 408,675                  | 409,003                   | 406,543      | 449,217     | -9.0                           |
| With unfilled orders <sup>1</sup>                                           | 217,350                  | 218,917                   | 220,215      | -0.7           | -0.6           | -1.3           | 218,810                  | 219,394                   | 217,987      | 245,832     | -11.0                          |
| Durable goods industries <sup>1</sup>                                       | 266,530                  | 267,811                   | 269,094      | -0.5           | -0.5           | -1.0           | 268,471                  | 268,416                   | 266,769      | 299,617     | -10.4                          |
| Wood products.....                                                          | 9,666                    | 9,573                     | 9,584        | 1.0            | -0.1           | 2.1            | 9,429                    | 9,356                     | 9,655        | 9,696       | -2.8                           |
| Nonmetallic mineral products.....                                           | 8,939                    | 8,857                     | 8,887        | 0.9            | -0.3           | 0.0            | 9,090                    | 9,015                     | 9,071        | 9,882       | -8.0                           |
| Primary metals.....                                                         | 18,112                   | 18,302                    | 18,399       | -1.0           | -0.5           | -1.3           | 17,989                   | 18,144                    | 18,186       | 20,764      | -13.4                          |
| Iron and steel mills.....                                                   | 10,046                   | 10,170                    | 10,281       | -1.2           | -1.1           | -0.3           | 9,915                    | 9,981                     | 10,041       | 11,519      | -13.9                          |
| Aluminum and nonferrous metals.....                                         | 6,320                    | 6,385                     | 6,371        | -1.0           | 0.2            | -3.0           | 6,289                    | 6,369                     | 6,372        | 7,339       | -14.3                          |
| Ferrous metal foundries.....                                                | 1,746                    | 1,747                     | 1,747        | -0.1           | 0.0            | -0.9           | 1,785                    | 1,794                     | 1,773        | 1,906       | -6.3                           |
| Fabricated metal products.....                                              | 30,696                   | 31,024                    | 31,293       | -1.1           | -0.9           | -0.2           | 30,967                   | 31,315                    | 31,506       | 34,430      | -10.1                          |
| Machinery.....                                                              | 45,420                   | 45,573                    | 46,304       | -0.7           | -1.2           | -0.4           | 45,781                   | 46,065                    | 46,340       | 50,157      | -8.7                           |
| Farm machinery.....                                                         | 1,976                    | 1,956                     | 1,956        | 1.0            | 0.0            | -0.6           | 1,978                    | 1,981                     | 2,046        | 2,188       | -9.6                           |
| Construction machinery.....                                                 | 3,998                    | 4,038                     | 4,054        | -1.0           | -0.4           | -0.5           | 3,977                    | 4,075                     | 4,133        | 3,911       | 1.7                            |
| Mining, oil field,<br>and gas field machinery.....                          | 2,257                    | 2,278                     | 2,338        | -0.9           | -2.6           | 1.5            | 2,290                    | 2,287                     | 2,318        | 2,305       | -0.7                           |
| Industrial machinery.....                                                   | 7,689                    | 7,688                     | 7,848        | 0.0            | -2.0           | 0.4            | 7,872                    | 7,700                     | 7,810        | 9,021       | -12.7                          |
| Photographic equipment.....                                                 | 1,924                    | 1,956                     | 1,955        | -1.6           | 0.1            | 0.8            | 1,955                    | 1,985                     | 1,933        | 2,111       | -7.4                           |
| Ventilation, heating, air-conditioning,<br>and refrigeration equipment..... | 4,078                    | 4,077                     | 4,104        | 0.0            | -0.7           | -0.4           | 4,220                    | 4,239                     | 4,168        | 4,714       | -10.5                          |
| Metalworking machinery.....                                                 | 5,241                    | 5,317                     | 5,456        | -1.4           | -2.5           | -2.5           | 5,308                    | 5,311                     | 5,342        | 6,339       | -16.3                          |
| Turbines, generators, and other<br>power transmission equipment.....        | 5,263                    | 5,336                     | 5,371        | -1.4           | -0.7           | -0.6           | 5,278                    | 5,339                     | 5,279        | 5,031       | 4.9                            |
| Material handling equipment.....                                            | 2,589                    | 2,582                     | 2,610        | 0.3            | -1.1           | 0.1            | 2,629                    | 2,636                     | 2,681        | 2,987       | -12.0                          |
| Computers and electronic products <sup>1</sup>                              | 44,005                   | 44,429                    | 44,506       | -1.0           | -0.2           | -1.6           | 44,959                   | 44,627                    | 43,304       | 56,637      | -20.6                          |
| Electronic computers.....                                                   | 3,174                    | 3,142                     | 3,155        | 1.0            | -0.4           | 5.0            | 3,359                    | 3,140                     | 2,982        | 3,893       | -13.7                          |
| Computer storage devices.....                                               | 1,359                    | 1,321                     | 1,321        | 2.9            | 0.0            | 0.5            | 1,490                    | 1,383                     | 1,243        | 2,011       | -25.9                          |
| Other peripheral equipment.....                                             | 2,544                    | 2,585                     | 2,674        | -1.6           | -3.3           | -2.9           | 2,714                    | 2,662                     | 2,569        | 3,616       | -24.9                          |
| Nondefense communications<br>equipment.....                                 | 9,548                    | 9,911                     | 9,837        | -3.7           | 0.8            | -4.1           | 9,727                    | 9,946                     | 9,665        | 14,880      | -34.6                          |
| Defense communications equipment.....                                       | 776                      | 750                       | 709          | 3.5            | 5.8            | -3.0           | 776                      | 750                       | 709          | 806         | -3.7                           |
| Audio and video equipment.....                                              | 1,135                    | 1,106                     | 1,078        | 2.6            | 2.6            | 1.5            | 1,090                    | 1,009                     | 921          | 1,130       | -3.5                           |
| Semiconductors <sup>2</sup>                                                 | (NA)                     | (NA)                      | (NA)         | (NA)           | (NA)           | (NA)           | (NA)                     | (NA)                      | (NA)         | (NA)        | (NA)                           |
| Electronic components.....                                                  | 9,142                    | 9,259                     | 9,371        | -1.3           | -1.2           | 0.3            | 9,258                    | 9,252                     | 9,167        | 11,851      | -21.9                          |
| Nondefense search and navigation<br>equipment.....                          | 3,044                    | 3,040                     | 3,028        | 0.1            | 0.4            | -0.6           | 3,082                    | 3,108                     | 2,973        | 2,944       | 4.7                            |
| Defense search and navigation<br>equipment.....                             | 3,297                    | 3,360                     | 3,366        | -1.9           | -0.2           | -0.5           | 3,328                    | 3,395                     | 3,290        | 3,416       | -2.6                           |
| Electromedical, measuring<br>and control instruments.....                   | 9,585                    | 9,544                     | 9,525        | 0.4            | 0.2            | -3.2           | 9,735                    | 9,587                     | 9,382        | 11,603      | -16.1                          |
| Electrical equipment, appliances,<br>and components.....                    | 13,161                   | 13,209                    | 13,240       | -0.4           | -0.2           | -0.7           | 13,450                   | 13,511                    | 13,320       | 14,949      | -10.0                          |
| Electric lighting equipment.....                                            | 1,490                    | 1,488                     | 1,506        | 0.1            | -1.2           | 0.3            | 1,520                    | 1,501                     | 1,476        | 1,618       | -6.1                           |
| Household appliances.....                                                   | 2,136                    | 2,142                     | 2,140        | -0.3           | 0.1            | -0.1           | 2,273                    | 2,276                     | 2,190        | 2,310       | -1.6                           |
| Electrical equipment.....                                                   | 4,472                    | 4,509                     | 4,492        | -0.8           | 0.4            | -0.9           | 4,481                    | 4,566                     | 4,472        | 4,698       | -4.6                           |
| Batteries.....                                                              | 719                      | 722                       | 724          | -0.4           | -0.3           | -1.0           | 741                      | 726                       | 712          | 822         | -9.9                           |
| Transportation equipment.....                                               | 72,011                   | 72,175                    | 72,440       | -0.2           | -0.4           | -2.2           | 71,957                   | 71,793                    | 71,155       | 76,824      | -6.3                           |
| Automobiles.....                                                            | 1,708                    | 1,681                     | 1,666        | 1.6            | 0.9            | -0.6           | 1,752                    | 1,712                     | 1,661        | 1,903       | -7.9                           |
| Light trucks and utility vehicles.....                                      | 1,960                    | 1,927                     | 1,844        | 1.7            | 4.5            | 3.1            | 2,043                    | 1,985                     | 1,791        | 2,130       | -4.1                           |
| Heavy duty trucks.....                                                      | 887                      | 857                       | 836          | 3.5            | 2.5            | -2.3           | 896                      | 841                       | 840          | 1,036       | -13.5                          |
| Motor vehicle bodies, parts,<br>and trailers.....                           | 15,540                   | 15,624                    | 15,505       | -0.5           | 0.8            | 0.7            | 15,503                   | 15,538                    | 15,313       | 16,853      | -8.0                           |
| Nondefense aircraft and parts.....                                          | 30,137                   | 30,066                    | 30,559       | 0.2            | -1.6           | -5.2           | 30,030                   | 29,913                    | 30,128       | 32,811      | -8.5                           |
| Defense aircraft and parts.....                                             | 10,652                   | 10,842                    | 10,776       | -1.8           | 0.6            | 0.5            | 10,564                   | 10,660                    | 10,452       | 10,289      | 2.7                            |
| Ships and boats.....                                                        | 2,490                    | 2,566                     | 2,625        | -3.0           | -2.2           | 0.5            | 2,514                    | 2,570                     | 2,605        | 2,601       | -3.3                           |
| Furniture and related products.....                                         | 6,990                    | 6,934                     | 6,968        | 0.8            | -0.5           | -0.6           | 7,087                    | 6,925                     | 6,877        | 8,213       | -13.7                          |
| Miscellaneous durable goods.....                                            | 17,530                   | 17,555                    | 17,473       | -0.1           | 0.5            | 0.0            | 17,762                   | 17,665                    | 17,355       | 18,065      | -1.7                           |
| Nondurable goods industries.....                                            | 161,702                  | 162,342                   | 162,340      | -0.4           | 0.0            | 0.1            | 162,206                  | 162,752                   | 161,618      | 171,887     | -5.6                           |
| Food products.....                                                          | 31,374                   | 31,441                    | 31,298       | -0.2           | 0.5            | -0.2           | 30,499                   | 30,808                    | 30,628       | 30,603      | -0.3                           |
| Grain and oilseed milling.....                                              | 3,105                    | 3,105                     | 3,151        | 0.0            | -1.5           | -0.8           | 2,953                    | 3,134                     | 3,210        | 2,990       | -1.2                           |
| Dairy products.....                                                         | 3,497                    | 3,533                     | 3,529        | -1.0           | 0.1            | 0.4            | 3,578                    | 3,623                     | 3,483        | 3,487       | 2.6                            |
| Meat, poultry, and seafood products.....                                    | 6,033                    | 6,004                     | 5,982        | 0.5            | 0.4            | 0.7            | 6,049                    | 6,054                     | 6,045        | 5,670       | 6.7                            |
| Beverage and tobacco products.....                                          | 14,297                   | 14,237                    | 14,417       | 0.4            | -1.2           | 1.3            | 14,061                   | 14,167                    | 14,482       | 13,940      | 0.9                            |
| Beverages.....                                                              | 9,065                    | 8,985                     | 9,023        | 0.9            | -0.4           | -0.1           | 9,059                    | 8,997                     | 9,068        | 8,869       | 2.1                            |
| Tobacco.....                                                                | 5,232                    | 5,252                     | 5,394        | -0.4           | -2.6           | 3.8            | 5,002                    | 5,170                     | 5,414        | 5,071       | -1.4                           |
| Textile mills.....                                                          | 5,083                    | 5,131                     | 5,274        | -0.9           | -2.7           | -1.3           | 5,214                    | 5,226                     | 5,253        | 6,397       | -18.5                          |
| Textile products.....                                                       | 4,458                    | 4,425                     | 4,343        | 0.7            | 1.9            | -0.5           | 4,569                    | 4,496                     | 4,341        | 4,852       | -5.8                           |
| Apparel.....                                                                | 7,391                    | 7,514                     | 7,634        | -1.6           | -1.6           | -2.1           | 7,566                    | 7,481                     | 7,491        | 9,580       | -21.0                          |
| Leather and allied products.....                                            | 1,380                    | 1,417                     | 1,431        | -2.6           | -1.0           | -1.7           | 1,394                    | 1,408                     | 1,395        | 1,691       | -17.6                          |
| Paper products.....                                                         | 14,367                   | 14,460                    | 14,616       | -0.6           | -1.1           | -0.5           | 14,479                   | 14,602                    | 14,720       | 15,095      | -4.1                           |
| Pulp, paper, and paperboard mills.....                                      | 6,392                    | 6,445                     | 6,553        | -0.8           | -1.6           | -0.7           | 6,466                    | 6,517                     | 6,639        | 6,899       | -6.3                           |
| Paperboard containers.....                                                  | 3,971                    | 3,997                     | 4,029        | -0.7           | -0.8           | 0.2            | 3,966                    | 3,999                     | 4,023        | 4,229       | -6.2                           |
| Printing.....                                                               | 5,756                    | 5,794                     | 5,750        | -0.7           | 0.8            | -1.9           | 5,679                    | 5,750                     | 5,648        | 6,575       | -13.6                          |
| Petroleum and coal products.....                                            | 12,664                   | 12,777                    | 12,448       | -0.9           | 2.6            | 5.7            | 13,158                   | 12,980                    | 12,149       | 13,907      | -5.4                           |
| Petroleum refineries.....                                                   | 11,316                   | 11,406                    | 11,084       | -0.8           | 2.9            | 7.1            | 11,737                   | 11,573                    | 10,775       | 12,256      | -4.2                           |
| Basic chemicals.....                                                        | 48,312                   | 48,594                    | 48,580       | -0.6           | 0.0            | -0.5           | 48,795                   | 49,040                    | 48,671       | 51,402      | -5.1                           |
| Pesticides, fertilizers, and other<br>agricultural chemicals.....           | 2,429                    | 2,438                     | 2,484        | -0.4           | -1.9           | -0.9           | 2,387                    | 2,627                     | 2,903        | 2,777       | -14.0                          |
| Pharmaceuticals and medicines.....                                          | 17,138                   | 17,347                    | 17,263       | -1.2           | 0.5            | 0.1            | 17,349                   | 17,435                    | 17,032       | 16,531      | 4.9                            |
| Paints, coatings, and adhesives.....                                        | 2,849                    | 2,865                     | 2,884        | -0.6           | -0.7           | -0.6           | 2,909                    | 2,937                     | 2,969        | 3,082       | -5.6                           |
| Plastics and rubber products.....                                           | 16,620                   | 16,552                    | 16,549       | 0.4            | 0.0            | 0.1            | 16,792                   | 16,794                    | 16,840       | 17,845      | -5.9                           |

<sup>p</sup> Preliminary      <sup>r</sup> Revised      (NA) Not available.

<sup>1</sup> See footnote at end of Table 3.

<sup>2</sup> See footnote at end of Table 3.

See note at end of Table 2 relating to survey error and revision.

**Table 5. VALUE OF MANUFACTURERS' SHIPMENTS, NEW ORDERS, UNFILLED ORDERS, AND TOTAL INVENTORIES FOR TOPICAL SERIES <sup>1</sup>**  
(Millions of Dollars)

7

| Industry                                          | Seasonally Adjusted   |                        |           |                |             |             | Not Seasonally Adjusted <sup>2</sup> |                        |           |          |                          |                   |           |
|---------------------------------------------------|-----------------------|------------------------|-----------|----------------|-------------|-------------|--------------------------------------|------------------------|-----------|----------|--------------------------|-------------------|-----------|
|                                                   | Monthly               |                        |           | Percent Change |             |             | Monthly                              |                        |           |          | Percent Change May 02/01 | Year to date      |           |
|                                                   | May 2002 <sup>p</sup> | Apr. 2002 <sup>r</sup> | Mar. 2002 | Apr. - May     | Mar. - Apr. | Feb. - Mar. | May 2002 <sup>p</sup>                | Apr. 2002 <sup>r</sup> | Mar. 2002 | May 2001 |                          | 2002 <sup>p</sup> | 2001      |
| <b>SHIPMENTS</b>                                  |                       |                        |           |                |             |             |                                      |                        |           |          |                          |                   |           |
| All manufacturing industries <sup>5</sup> .....   | 323,645               | 322,962                | 315,593   | 0.2            | 2.3         | 1.3         | 332,826                              | 319,852                | 332,852   | 340,558  | -2.3                     | 1,576,542         | 1,639,573 |
| Construction materials and supplies.....          | 35,901                | 35,925                 | 34,726    | -0.1           | 3.5         | 2.1         | 38,305                               | 36,277                 | 34,921    | 37,900   | 1.1                      | 172,401           | 173,056   |
| Information technology.....                       | 26,974                | 26,812                 | 26,494    | 0.6            | 1.2         | 1.8         | 25,156                               | 23,634                 | 30,744    | 27,639   | -9.0                     | 125,141           | 146,390   |
| Computers and related products <sup>5</sup> ..... | 6,586                 | 6,671                  | 6,402     | -1.3           | 4.2         | -3.8        | 5,529                                | 5,320                  | 8,291     | 6,512    | -15.1                    | 30,014            | 37,281    |
| Motor vehicle and parts.....                      | 38,388                | 39,203                 | 34,931    | -2.1           | 12.2        | -3.8        | 42,964                               | 40,847                 | 38,480    | 40,389   | 6.4                      | 194,747           | 181,577   |
| Capital goods.....                                | 64,177                | 63,407                 | 63,833    | 1.2            | -0.7        | 1.1         | 63,324                               | 59,716                 | 72,049    | 67,473   | -6.1                     | 306,980           | 337,383   |
| Nondefense capital goods <sup>3</sup> .....       | 57,890                | 57,195                 | 57,135    | 1.2            | 0.1         | 0.1         | 57,027                               | 53,874                 | 64,742    | 61,749   | -7.6                     | 276,333           | 310,551   |
| Excluding aircraft.....                           | 54,607                | 53,799                 | 53,056    | 1.5            | 1.4         | -0.3        | 53,466                               | 50,745                 | 59,811    | 57,056   | -6.3                     | 258,605           | 290,754   |
| Defense capital goods <sup>4</sup> .....          | 6,287                 | 6,212                  | 6,698     | 1.2            | -7.3        | 10.9        | 6,297                                | 5,842                  | 7,307     | 5,724    | 10.0                     | 30,647            | 26,832    |
| Consumer goods.....                               | 123,675               | 123,551                | 120,463   | 0.1            | 2.6         | 1.0         | 126,587                              | 122,034                | 124,344   | 130,912  | -3.3                     | 604,729           | 620,409   |
| Consumer durable goods.....                       | 34,107                | 34,342                 | 31,000    | -0.7           | 10.8        | -5.1        | 36,413                               | 35,131                 | 34,505    | 34,565   | 5.3                      | 170,055           | 160,067   |
| Consumer nondurable goods.....                    | 89,568                | 89,209                 | 89,463    | 0.4            | -0.3        | 3.3         | 90,174                               | 86,903                 | 89,839    | 96,347   | -6.4                     | 434,674           | 460,342   |
| <b>NEW ORDERS</b>                                 |                       |                        |           |                |             |             |                                      |                        |           |          |                          |                   |           |
| All manufacturing industries <sup>5</sup> .....   | 321,006               | 318,861                | 316,737   | 0.7            | 0.7         | 1.2         | 328,054                              | 316,483                | 334,883   | 333,718  | -1.7                     | 1,575,822         | 1,636,375 |
| Construction materials and supplies.....          | 36,223                | 35,945                 | 34,477    | 0.8            | 4.3         | -0.3        | 39,017                               | 36,626                 | 34,982    | 37,459   | 4.2                      | 174,331           | 172,494   |
| Information technology.....                       | 27,204                | 26,801                 | 25,700    | 1.5            | 4.3         | -1.6        | 24,943                               | 23,678                 | 30,049    | 25,206   | -1.0                     | 125,421           | 144,274   |
| Computers and related products <sup>5</sup> ..... | 6,511                 | 6,407                  | 6,386     | 1.6            | 0.3         | -5.6        | 5,729                                | 5,016                  | 8,215     | 6,716    | -14.7                    | 30,097            | 37,429    |
| Motor vehicle and parts.....                      | 38,571                | 39,327                 | 35,087    | -1.9           | 12.1        | -3.5        | 42,834                               | 40,823                 | 38,565    | 39,795   | 7.6                      | 195,282           | 181,140   |
| Capital goods.....                                | 61,758                | 60,010                 | 64,341    | 2.9            | -6.7        | 1.6         | 59,701                               | 56,365                 | 72,781    | 62,894   | -5.1                     | 300,577           | 334,969   |
| Nondefense capital goods <sup>3</sup> .....       | 56,554                | 54,220                 | 53,642    | 4.3            | 1.1         | -3.3        | 55,446                               | 51,329                 | 60,670    | 58,229   | -4.8                     | 266,758           | 305,576   |
| Excluding aircraft.....                           | 54,201                | 53,563                 | 50,853    | 1.2            | 5.3         | -4.5        | 52,815                               | 50,939                 | 57,029    | 54,590   | -3.3                     | 257,055           | 287,435   |
| Defense capital goods <sup>4</sup> .....          | 5,204                 | 5,790                  | 10,699    | -10.1          | -45.9       | 36.6        | 4,255                                | 5,036                  | 12,111    | 4,665    | -8.8                     | 33,819            | 29,393    |
| Consumer goods.....                               | 123,449               | 123,546                | 120,387   | -0.1           | 2.6         | 1.2         | 126,270                              | 121,997                | 124,068   | 130,571  | -3.3                     | 604,159           | 618,102   |
| Consumer durable goods.....                       | 33,881                | 34,337                 | 30,924    | -1.3           | 11.0        | -4.5        | 36,096                               | 35,094                 | 34,229    | 34,224   | 5.5                      | 169,485           | 157,760   |
| <b>UNFILLED ORDERS</b>                            |                       |                        |           |                |             |             |                                      |                        |           |          |                          |                   |           |
| All manufacturing industries <sup>5</sup> .....   | 496,597               | 499,236                | 503,337   | -0.5           | -0.8        | 0.2         | 501,238                              | 506,010                | 509,379   | 539,731  | -7.1                     | (X)               | (X)       |
| Construction materials and supplies.....          | 33,145                | 32,823                 | 32,803    | 1.0            | 0.1         | -0.8        | 33,673                               | 32,961                 | 32,612    | 35,686   | -5.6                     | (X)               | (X)       |
| Information technology.....                       | 100,738               | 100,508                | 100,519   | 0.2            | 0.0         | -0.8        | 102,005                              | 102,218                | 102,174   | 113,243  | -9.9                     | (X)               | (X)       |
| Computers and related products <sup>5</sup> ..... | 6,696                 | 6,771                  | 7,035     | -1.1           | -3.8        | -0.2        | 6,887                                | 6,687                  | 6,991     | 7,532    | -8.6                     | (X)               | (X)       |
| Motor vehicle and parts.....                      | 12,674                | 12,491                 | 12,367    | 1.5            | 1.0         | 1.3         | 12,728                               | 12,858                 | 12,882    | 13,291   | -4.2                     | (X)               | (X)       |
| Capital goods.....                                | 346,059               | 348,478                | 351,875   | -0.7           | -1.0        | 0.1         | 349,035                              | 352,658                | 356,009   | 379,917  | -8.1                     | (X)               | (X)       |
| Nondefense capital goods <sup>3</sup> .....       | 219,860               | 221,196                | 224,171   | -0.6           | -1.3        | -1.5        | 221,213                              | 222,794                | 225,339   | 261,329  | -15.4                    | (X)               | (X)       |
| Excluding aircraft.....                           | 134,004               | 134,410                | 134,646   | -0.3           | -0.2        | -1.6        | 135,357                              | 136,008                | 135,814   | 154,256  | -12.3                    | (X)               | (X)       |
| Defense capital goods <sup>4</sup> .....          | 126,199               | 127,282                | 127,704   | -0.9           | -0.3        | 3.2         | 127,822                              | 129,864                | 130,670   | 118,588  | 7.8                      | (X)               | (X)       |
| Consumer goods.....                               | 12,651                | 12,877                 | 12,882    | -1.8           | 0.0         | -0.6        | 12,587                               | 12,904                 | 12,941    | 13,558   | -7.2                     | (X)               | (X)       |
| Consumer durable goods.....                       | 12,651                | 12,877                 | 12,882    | -1.8           | 0.0         | -0.6        | 12,587                               | 12,904                 | 12,941    | 13,558   | -7.2                     | (X)               | (X)       |
| <b>TOTAL INVENTORIES</b>                          |                       |                        |           |                |             |             |                                      |                        |           |          |                          |                   |           |
| All manufacturing industries <sup>5</sup> .....   | 428,232               | 430,153                | 431,434   | -0.4           | -0.3        | -0.6        | 430,677                              | 431,168                | 428,387   | 471,504  | -8.7                     | (X)               | (X)       |
| Construction materials and supplies.....          | 45,204                | 45,297                 | 45,653    | -0.2           | -0.8        | 0.2         | 45,499                               | 45,619                 | 46,156    | 49,505   | -8.1                     | (X)               | (X)       |
| Information technology.....                       | 41,131                | 41,474                 | 41,468    | -0.8           | 0.0         | -1.8        | 42,091                               | 41,802                 | 40,540    | 52,398   | -19.7                    | (X)               | (X)       |
| Computers and related products <sup>5</sup> ..... | 7,077                 | 7,048                  | 7,150     | 0.4            | -1.4        | 1.1         | 7,563                                | 7,185                  | 6,794     | 9,520    | -20.6                    | (X)               | (X)       |
| Motor vehicle and parts.....                      | 20,095                | 20,089                 | 19,851    | 0.0            | 1.2         | 0.7         | 20,194                               | 20,076                 | 19,605    | 21,922   | -7.9                     | (X)               | (X)       |
| Capital goods.....                                | 135,159               | 136,121                | 137,359   | -0.7           | -0.9        | -1.8        | 136,382                              | 136,569                | 135,526   | 154,925  | -12.0                    | (X)               | (X)       |
| Nondefense capital goods <sup>3</sup> .....       | 116,411               | 117,117                | 118,239   | -0.6           | -0.9        | -2.1        | 117,587                              | 117,619                | 116,884   | 135,459  | -13.2                    | (X)               | (X)       |
| Excluding aircraft.....                           | 92,861                | 93,475                 | 94,011    | -0.7           | -0.6        | -1.1        | 94,348                               | 94,196                 | 93,069    | 109,084  | -13.5                    | (X)               | (X)       |
| Defense capital goods <sup>4</sup> .....          | 18,748                | 19,004                 | 19,120    | -1.3           | -0.6        | 0.4         | 18,795                               | 18,950                 | 18,642    | 19,466   | -3.4                     | (X)               | (X)       |
| Consumer goods.....                               | 124,457               | 124,926                | 124,554   | -0.4           | 0.3         | 0.5         | 124,809                              | 124,764                | 123,094   | 129,349  | -3.5                     | (X)               | (X)       |
| Consumer durable goods.....                       | 26,089                | 26,028                 | 25,851    | 0.2            | 0.7         | 0.3         | 26,508                               | 26,163                 | 25,644    | 28,209   | -6.0                     | (X)               | (X)       |
| Consumer nondurable goods.....                    | 98,368                | 98,898                 | 98,703    | -0.5           | 0.2         | 0.5         | 98,301                               | 98,601                 | 97,450    | 101,140  | -2.8                     | (X)               | (X)       |

<sup>p</sup> Preliminary      <sup>r</sup> Revised      (X) Not Applicable.

<sup>1</sup> Topical series are regroupings of the separate industry categories.

<sup>2</sup> Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations.

<sup>3</sup> Nondefense capital goods industries include: small arms and ordnance; farm machinery and equipment; construction machinery; mining, oil, and gas field machinery; industrial machinery; vending, laundry, and other machinery; photographic equipment; metalworking machinery; turbines and generators; other power transmission equipment; pumps and compressors; material handling equipment; all other machinery; electronic computers; computer storage devices; other computer peripheral equipment; communications equipment; search and navigation equipment; electromedical, measuring, and control instruments; electrical equipment; other electrical equipment, appliances, and components; heavy duty trucks; aircraft; railroad rolling stock; ships and boats; office and institutional furniture; and medical equipment and supplies.

<sup>4</sup> Defense capital goods industries include: small arms and ordnance; communications equipment; aircraft; missiles, space vehicles, and parts; ships and boats; and search and navigation equipment.

<sup>5</sup> Aggregate estimates and percent changes exclude semiconductor industry data. Due to the number of large semiconductor manufacturers choosing not to participate in this voluntary monthly survey, the Census Bureau cannot currently produce monthly estimates of semiconductor shipments, orders, or inventories.

See note at end of Table 2 relating to survey error and revision.

**Table 6. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION,  
BY INDUSTRY GROUP**  
(Millions of Dollars)

| Industry                                                 | Seasonally Adjusted      |                           |              |                |                |                | Not Seasonally Adjusted  |                           |              |             |                                |
|----------------------------------------------------------|--------------------------|---------------------------|--------------|----------------|----------------|----------------|--------------------------|---------------------------|--------------|-------------|--------------------------------|
|                                                          | Monthly                  |                           |              | Percent Change |                |                | Monthly                  |                           |              |             | Percent Change<br>May<br>02/01 |
|                                                          | May<br>2002 <sup>p</sup> | Apr.<br>2002 <sup>r</sup> | Mar.<br>2002 | Apr. -<br>May  | Mar. -<br>Apr. | Feb. -<br>Mar. | May<br>2002 <sup>p</sup> | Apr.<br>2002 <sup>r</sup> | Mar.<br>2002 | May<br>2001 |                                |
| <b>MATERIALS AND SUPPLIES</b>                            |                          |                           |              |                |                |                |                          |                           |              |             |                                |
| All manufacturing industries <sup>1</sup>                | 141,941                  | 143,081                   | 143,459      | -0.8           | -0.3           | 0.1            | 141,306                  | 142,175                   | 142,123      | 157,889     | -10.5                          |
| Durable goods industries <sup>1</sup>                    | 86,807                   | 87,607                    | 88,076       | -0.9           | -0.5           | 0.5            | 86,056                   | 86,526                    | 86,613       | 98,130      | -12.3                          |
| Wood products.....                                       | 3,751                    | 3,729                     | 3,776        | 0.6            | -1.2           | 2.9            | 3,362                    | 3,353                     | 3,614        | 3,455       | -2.7                           |
| Nonmetallic mineral products.....                        | 3,353                    | 3,334                     | 3,330        | 0.6            | 0.1            | 0.6            | 3,321                    | 3,286                     | 3,287        | 3,450       | -3.7                           |
| Primary metals.....                                      | 5,927                    | 5,996                     | 5,989        | -1.2           | 0.1            | -0.9           | 5,742                    | 5,791                     | 5,756        | 6,835       | -16.0                          |
| Fabricated metal products.....                           | 10,459                   | 10,706                    | 10,869       | -2.3           | -1.5           | 0.9            | 10,460                   | 10,687                    | 10,815       | 11,434      | -8.5                           |
| Machinery.....                                           | 15,576                   | 15,720                    | 16,059       | -0.9           | -2.1           | -0.3           | 15,522                   | 15,802                    | 15,923       | 17,032      | -8.9                           |
| Computers and electronic products <sup>1</sup>           | 16,437                   | 16,802                    | 16,772       | -2.2           | 0.2            | -2.0           | 16,634                   | 16,582                    | 16,469       | 22,746      | -26.9                          |
| Electrical equipment, appliances,<br>and components..... | 4,712                    | 4,726                     | 4,755        | -0.3           | -0.6           | -1.1           | 4,704                    | 4,738                     | 4,713        | 5,729       | -17.9                          |
| Transportation equipment.....                            | 17,316                   | 17,411                    | 17,340       | -0.5           | 0.4            | 3.2            | 16,953                   | 17,083                    | 16,876       | 17,694      | -4.2                           |
| Furniture and related products.....                      | 3,089                    | 3,027                     | 3,051        | 2.0            | -0.8           | 0.6            | 3,101                    | 3,034                     | 3,053        | 3,483       | -11.0                          |
| Miscellaneous products.....                              | 6,187                    | 6,156                     | 6,135        | 0.5            | 0.3            | 2.4            | 6,257                    | 6,170                     | 6,107        | 6,272       | -0.2                           |
| Nondurable goods industries.....                         | 55,134                   | 55,474                    | 55,383       | -0.6           | 0.2            | -0.6           | 55,250                   | 55,649                    | 55,510       | 59,759      | -7.5                           |
| Food products.....                                       | 10,062                   | 9,991                     | 10,013       | 0.7            | -0.2           | -0.9           | 10,025                   | 9,987                     | 9,986        | 10,571      | -5.2                           |
| Beverage and tobacco products.....                       | 5,766                    | 5,749                     | 5,889        | 0.3            | -2.4           | 0.9            | 5,769                    | 5,827                     | 6,008        | 5,929       | -2.7                           |
| Textiles.....                                            | 1,415                    | 1,444                     | 1,472        | -2.0           | -1.9           | -0.5           | 1,420                    | 1,457                     | 1,468        | 1,797       | -21.0                          |
| Textile products.....                                    | 1,470                    | 1,476                     | 1,471        | -0.4           | 0.3            | -0.7           | 1,495                    | 1,482                     | 1,462        | 1,696       | -11.9                          |
| Apparel.....                                             | 1,675                    | 1,752                     | 1,783        | -4.4           | -1.7           | -0.2           | 1,724                    | 1,804                     | 1,794        | 2,275       | -24.2                          |
| Leather and allied products.....                         | 322                      | 335                       | 341          | -3.9           | -1.8           | -1.2           | 325                      | 333                       | 332          | 483         | -32.7                          |
| Paper products.....                                      | 6,897                    | 6,897                     | 6,979        | 0.0            | -1.2           | -2.5           | 6,877                    | 6,926                     | 7,055        | 7,310       | -5.9                           |
| Printing.....                                            | 2,360                    | 2,380                     | 2,314        | -0.8           | 2.9            | -6.2           | 2,278                    | 2,309                     | 2,335        | 2,877       | -20.8                          |
| Petroleum and coal products.....                         | 3,202                    | 3,367                     | 3,225        | -4.9           | 4.4            | 4.2            | 3,326                    | 3,456                     | 3,204        | 3,529       | -5.8                           |
| Basic chemicals.....                                     | 15,275                   | 15,460                    | 15,235       | -1.2           | 1.5            | -0.8           | 15,315                   | 15,453                    | 15,200       | 16,258      | -5.8                           |
| Plastics and rubber products.....                        | 6,690                    | 6,623                     | 6,661        | 1.0            | -0.6           | 0.7            | 6,696                    | 6,615                     | 6,666        | 7,034       | -4.8                           |
| <b>WORK IN PROCESS</b>                                   |                          |                           |              |                |                |                |                          |                           |              |             |                                |
| All manufacturing industries <sup>1</sup>                | 127,559                  | 127,768                   | 128,561      | -0.2           | -0.6           | -2.3           | 128,210                  | 127,913                   | 127,236      | 141,340     | -9.3                           |
| Durable goods industries <sup>1</sup>                    | 99,768                   | 100,103                   | 100,841      | -0.3           | -0.7           | -3.2           | 100,462                  | 100,247                   | 99,883       | 112,518     | -10.7                          |
| Wood products.....                                       | 1,980                    | 1,932                     | 1,941        | 2.5            | -0.5           | -0.7           | 1,976                    | 1,957                     | 1,972        | 1,932       | 2.3                            |
| Nonmetallic mineral products.....                        | 1,132                    | 1,124                     | 1,111        | 0.7            | 1.2            | 0.0            | 1,168                    | 1,180                     | 1,171        | 1,324       | -11.8                          |
| Primary metals.....                                      | 6,163                    | 6,223                     | 6,222        | -1.0           | 0.0            | -2.9           | 6,155                    | 6,195                     | 6,183        | 7,094       | -13.2                          |
| Fabricated metal products.....                           | 9,907                    | 9,905                     | 9,939        | 0.0            | -0.3           | -0.7           | 9,961                    | 9,874                     | 9,912        | 10,880      | -8.4                           |
| Machinery.....                                           | 14,463                   | 14,579                    | 14,453       | -0.8           | 0.9            | -1.5           | 14,816                   | 14,592                    | 14,248       | 16,399      | -9.7                           |
| Computers and electronic products <sup>1</sup>           | 17,716                   | 17,617                    | 17,871       | 0.6            | -1.4           | -0.8           | 18,099                   | 17,991                    | 17,544       | 20,856      | -13.2                          |
| Electrical equipment, appliances,<br>and components..... | 3,045                    | 3,059                     | 3,037        | -0.5           | 0.7            | 0.5            | 3,113                    | 3,106                     | 3,036        | 3,625       | -14.1                          |
| Transportation equipment.....                            | 40,872                   | 41,124                    | 41,760       | -0.6           | -1.5           | -6.0           | 40,645                   | 40,804                    | 41,357       | 45,452      | -10.6                          |
| Furniture and related products.....                      | 1,463                    | 1,489                     | 1,477        | -1.7           | 0.8            | 0.1            | 1,469                    | 1,492                     | 1,478        | 1,738       | -15.5                          |
| Miscellaneous products.....                              | 3,027                    | 3,051                     | 3,030        | -0.8           | 0.7            | -2.4           | 3,060                    | 3,056                     | 2,982        | 3,218       | -4.9                           |
| Nondurable goods industries.....                         | 27,791                   | 27,665                    | 27,720       | 0.5            | -0.2           | 0.9            | 27,748                   | 27,666                    | 27,353       | 28,822      | -3.7                           |
| Food products.....                                       | 2,532                    | 2,555                     | 2,596        | -0.9           | -1.6           | -1.4           | 2,317                    | 2,411                     | 2,530        | 2,502       | -7.4                           |
| Beverage and tobacco products.....                       | 3,903                    | 3,864                     | 3,933        | 1.0            | -1.8           | 2.0            | 3,712                    | 3,747                     | 3,936        | 3,616       | 2.7                            |
| Textiles.....                                            | 1,211                    | 1,232                     | 1,266        | -1.7           | -2.7           | -2.8           | 1,220                    | 1,247                     | 1,271        | 1,572       | -22.4                          |
| Textile products.....                                    | 822                      | 823                       | 815          | -0.1           | 1.0            | -0.6           | 838                      | 834                       | 810          | 870         | -3.7                           |
| Apparel.....                                             | 1,404                    | 1,403                     | 1,409        | 0.1            | -0.4           | -1.4           | 1,503                    | 1,437                     | 1,391        | 1,903       | -21.0                          |
| Leather and allied products.....                         | 166                      | 164                       | 165          | 1.2            | -0.6           | 0.6            | 167                      | 166                       | 166          | 251         | -33.5                          |
| Paper products.....                                      | 1,271                    | 1,287                     | 1,264        | -1.2           | 1.8            | 5.3            | 1,262                    | 1,273                     | 1,245        | 1,307       | -3.4                           |
| Printing.....                                            | 1,801                    | 1,798                     | 1,807        | 0.2            | -0.5           | 4.1            | 1,747                    | 1,811                     | 1,740        | 1,987       | -12.1                          |
| Petroleum and coal products.....                         | 3,691                    | 3,619                     | 3,493        | 2.0            | 3.6            | 13.6           | 3,796                    | 3,704                     | 3,430        | 3,472       | 9.3                            |
| Basic chemicals.....                                     | 8,766                    | 8,707                     | 8,775        | 0.7            | -0.8           | -2.8           | 8,969                    | 8,792                     | 8,591        | 9,014       | -0.5                           |
| Plastics and rubber products.....                        | 2,224                    | 2,213                     | 2,197        | 0.5            | 0.7            | -1.7           | 2,217                    | 2,244                     | 2,243        | 2,328       | -4.8                           |
| <b>FINISHED GOODS</b>                                    |                          |                           |              |                |                |                |                          |                           |              |             |                                |
| All manufacturing industries <sup>1</sup>                | 158,732                  | 159,304                   | 159,414      | -0.4           | -0.1           | 0.2            | 161,161                  | 161,080                   | 159,028      | 172,275     | -6.5                           |
| Durable goods industries <sup>1</sup>                    | 79,955                   | 80,101                    | 80,177       | -0.2           | -0.1           | 0.1            | 81,953                   | 81,643                    | 80,273       | 88,969      | -7.9                           |
| Wood products.....                                       | 3,935                    | 3,912                     | 3,867        | 0.6            | 1.2            | 2.8            | 4,091                    | 4,046                     | 4,069        | 4,309       | -5.1                           |
| Nonmetallic mineral products.....                        | 4,454                    | 4,399                     | 4,446        | 1.3            | -1.1           | -0.4           | 4,601                    | 4,549                     | 4,613        | 5,108       | -9.9                           |
| Primary metals.....                                      | 6,022                    | 6,083                     | 6,188        | -1.0           | -1.7           | -0.1           | 6,092                    | 6,158                     | 6,247        | 6,835       | -10.9                          |
| Fabricated metal products.....                           | 10,330                   | 10,413                    | 10,485       | -0.8           | -0.7           | -0.8           | 10,546                   | 10,754                    | 10,779       | 12,116      | -13.0                          |
| Machinery.....                                           | 15,381                   | 15,454                    | 15,792       | -0.5           | -2.1           | 0.5            | 15,443                   | 15,671                    | 16,169       | 16,726      | -7.7                           |
| Computers and electronic products <sup>1</sup>           | 9,852                    | 10,010                    | 9,863        | -1.6           | 1.5            | -2.3           | 10,226                   | 10,054                    | 9,291        | 13,035      | -21.5                          |
| Electrical equipment, appliances,<br>and components..... | 5,404                    | 5,424                     | 5,448        | -0.4           | -0.4           | -1.0           | 5,633                    | 5,667                     | 5,571        | 5,595       | 0.7                            |
| Transportation equipment.....                            | 13,823                   | 13,640                    | 13,340       | 1.3            | 2.2            | 3.5            | 14,359                   | 13,906                    | 12,922       | 13,678      | 5.0                            |
| Furniture and related products.....                      | 2,438                    | 2,418                     | 2,440        | 0.8            | -0.9           | -2.5           | 2,517                    | 2,399                     | 2,346        | 2,992       | -15.9                          |
| Miscellaneous products.....                              | 8,316                    | 8,348                     | 8,308        | -0.4           | 0.5            | -0.8           | 8,445                    | 8,439                     | 8,266        | 8,575       | -1.5                           |
| Nondurable goods industries.....                         | 78,777                   | 79,203                    | 79,237       | -0.5           | 0.0            | 0.3            | 79,208                   | 79,437                    | 78,755       | 83,306      | -4.9                           |
| Food products.....                                       | 18,780                   | 18,895                    | 18,689       | -0.6           | 1.1            | 0.4            | 18,157                   | 18,410                    | 18,112       | 17,530      | 3.6                            |
| Beverage and tobacco products.....                       | 4,628                    | 4,624                     | 4,595        | 0.1            | 0.6            | 1.4            | 4,580                    | 4,593                     | 4,538        | 4,395       | 4.2                            |
| Textiles.....                                            | 2,457                    | 2,455                     | 2,536        | 0.1            | -3.2           | -1.0           | 2,574                    | 2,522                     | 2,514        | 3,028       | -15.0                          |
| Textile products.....                                    | 2,166                    | 2,126                     | 2,057        | 1.9            | 3.4            | -0.4           | 2,236                    | 2,180                     | 2,069        | 2,286       | -2.2                           |
| Apparel.....                                             | 4,312                    | 4,359                     | 4,442        | -1.1           | -1.9           | -3.0           | 4,339                    | 4,240                     | 4,306        | 5,402       | -19.7                          |
| Leather and allied products.....                         | 892                      | 918                       | 925          | -2.8           | -0.8           | -2.3           | 902                      | 909                       | 897          | 957         | -5.7                           |
| Paper products.....                                      | 6,199                    | 6,276                     | 6,373        | -1.2           | -1.5           | 0.8            | 6,340                    | 6,403                     | 6,420        | 6,478       | -2.1                           |
| Printing.....                                            | 1,595                    | 1,616                     | 1,629        | -1.3           | -0.8           | -1.9           | 1,654                    | 1,630                     | 1,573        | 1,711       | -3.3                           |
| Petroleum and coal products.....                         | 5,771                    | 5,791                     | 5,730        | -0.3           | 1.1            | 2.2            | 6,036                    | 5,820                     | 5,515        | 6,906       | -12.6                          |
| Basic chemicals.....                                     | 24,271                   | 24,427                    | 24,570       | -0.6           | -0.6           | 0.6            | 24,511                   | 24,795                    | 24,880       | 26,130      | -6.2                           |
| Plastics and rubber products.....                        | 7,706                    | 7,716                     | 7,691        | -0.1           | 0.3            | 0.1            | 7,879                    | 7,935                     | 7,931        | 8,483       | -7.1                           |

<sup>P</sup> Preliminary      <sup>1</sup> Revised      <sup>1</sup> See footnote at end of Table 3.

See note at end of Table 2 relating to survey error and revisions.



**Table 7. RATIOS OF MANUFACTURERS' INVENTORIES TO SHIPMENTS  
AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP**  
(Based on Seasonally Adjusted data)

| Industry                                                 | Inventory/Shipments ratio |                       |          |          | Unfilled Orders/Shipments ratio <sup>1</sup> |                       |          |          |
|----------------------------------------------------------|---------------------------|-----------------------|----------|----------|----------------------------------------------|-----------------------|----------|----------|
|                                                          | May 2002 <sup>p</sup>     | Apr 2002 <sup>r</sup> | Mar 2002 | Feb 2002 | May 2002 <sup>p</sup>                        | Apr 2002 <sup>r</sup> | Mar 2002 | Feb 2002 |
| All manufacturing industries <sup>2</sup> .....          | 1.32                      | 1.33                  | 1.37     | 1.39     | (X)                                          | (X)                   | (X)      | (X)      |
| Durable goods industries <sup>2</sup> .....              | 1.51                      | 1.52                  | 1.58     | 1.60     | 4.03                                         | 4.06                  | 4.16     | 4.18     |
| Wood products.....                                       | 1.32                      | 1.28                  | 1.28     | 1.27     | (X)                                          | (X)                   | (X)      | (X)      |
| Nonmetallic mineral products.....                        | 1.05                      | 1.06                  | 1.16     | 1.21     | (X)                                          | (X)                   | (X)      | (X)      |
| Primary metals.....                                      | 1.59                      | 1.62                  | 1.68     | 1.76     | 1.41                                         | 1.42                  | 1.47     | 1.54     |
| Fabricated metal products.....                           | 1.46                      | 1.47                  | 1.53     | 1.54     | 2.00                                         | 1.98                  | 2.06     | 2.07     |
| Machinery.....                                           | 1.94                      | 2.01                  | 2.06     | 2.01     | 2.34                                         | 2.45                  | 2.49     | 2.47     |
| Computers and electronic products <sup>2</sup> .....     | 1.62                      | 1.66                  | 1.68     | 1.72     | 4.97                                         | 5.02                  | 5.06     | 5.14     |
| Electrical equipment, appliances,<br>and components..... | 1.43                      | 1.43                  | 1.47     | 1.53     | 1.71                                         | 1.69                  | 1.71     | 1.80     |
| Transportation equipment.....                            | 1.37                      | 1.35                  | 1.44     | 1.44     | 7.68                                         | 7.60                  | 7.75     | 7.75     |
| Furniture and related products.....                      | 1.23                      | 1.22                  | 1.27     | 1.28     | 1.21                                         | 1.22                  | 1.28     | 1.29     |
| Miscellaneous products.....                              | 1.73                      | 1.76                  | 1.79     | 1.81     | (X)                                          | (X)                   | (X)      | (X)      |
| Nondurable goods industries.....                         | 1.10                      | 1.11                  | 1.12     | 1.15     | (X)                                          | (X)                   | (X)      | (X)      |
| Food products.....                                       | 0.84                      | 0.84                  | 0.83     | 0.83     | (X)                                          | (X)                   | (X)      | (X)      |
| Beverage and tobacco products.....                       | 1.52                      | 1.60                  | 1.52     | 1.60     | (X)                                          | (X)                   | (X)      | (X)      |
| Textiles.....                                            | 1.39                      | 1.35                  | 1.52     | 1.54     | (X)                                          | (X)                   | (X)      | (X)      |
| Textile products.....                                    | 1.40                      | 1.38                  | 1.45     | 1.47     | (X)                                          | (X)                   | (X)      | (X)      |
| Apparel.....                                             | 1.55                      | 1.59                  | 1.68     | 1.69     | (X)                                          | (X)                   | (X)      | (X)      |
| Leather and allied products.....                         | 2.07                      | 1.97                  | 2.51     | 2.32     | (X)                                          | (X)                   | (X)      | (X)      |
| Paper products.....                                      | 1.15                      | 1.17                  | 1.21     | 1.25     | (X)                                          | (X)                   | (X)      | (X)      |
| Printing.....                                            | 0.73                      | 0.72                  | 0.72     | 0.76     | (X)                                          | (X)                   | (X)      | (X)      |
| Petroleum and coal products.....                         | 0.71                      | 0.72                  | 0.69     | 0.74     | (X)                                          | (X)                   | (X)      | (X)      |
| Basic chemicals.....                                     | 1.39                      | 1.41                  | 1.43     | 1.48     | (X)                                          | (X)                   | (X)      | (X)      |
| Plastics and rubber products.....                        | 1.11                      | 1.11                  | 1.15     | 1.15     | (X)                                          | (X)                   | (X)      | (X)      |

<sup>p</sup> Preliminary<sup>r</sup> Revised<sup>2</sup> See footnote at end of Table 2.

(X) Not Applicable

<sup>1</sup> Excludes the following industries with no unfilled orders: Wood products; nonmetallic mineral products; medical equipment and supplies; office supplies; other miscellaneous manufacturing; cutlery and handtools; farm and garden machinery; computer storage and peripheral devices; audio and video equipment; manufacturing and reproducing magnetic and optical media; batteries; automobiles; light trucks and utility vehicles; heavy duty trucks; and miscellaneous furniture.

**Table 8. REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES**  
(Based on Seasonally Adjusted data)

| Industry                                                 | Shipments                |                                   |                             | New Orders               |                                   |                             | Unfilled Orders          |                                   |                             | Inventories              |                                   |                             |
|----------------------------------------------------------|--------------------------|-----------------------------------|-----------------------------|--------------------------|-----------------------------------|-----------------------------|--------------------------|-----------------------------------|-----------------------------|--------------------------|-----------------------------------|-----------------------------|
|                                                          | May <sup>1</sup><br>2002 | May <sup>2</sup><br>1997-<br>2001 | May<br>2001-<br>Apr<br>2002 | May <sup>1</sup><br>2002 | May <sup>2</sup><br>1997-<br>2001 | May<br>2001-<br>Apr<br>2002 | May <sup>1</sup><br>2002 | May <sup>2</sup><br>1997-<br>2001 | May<br>2001-<br>Apr<br>2002 | May <sup>1</sup><br>2002 | May <sup>2</sup><br>1997-<br>2001 | May<br>2001-<br>Apr<br>2002 |
| All manufacturing industries <sup>3</sup> .....          | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        |
| Durable goods industries <sup>3</sup> .....              | 0.0                      | (NA)                              | (NA)                        | 0.3                      | (NA)                              | (NA)                        | 0.1                      | (NA)                              | (NA)                        | 0.1                      | (NA)                              | (NA)                        |
| Wood products.....                                       | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        |
| Nonmetallic mineral products.....                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        |
| Primary metals.....                                      | 0.0                      | (NA)                              | (NA)                        | -0.1                     | (NA)                              | (NA)                        | -0.1                     | (NA)                              | (NA)                        | 0.0                      | (NA)                              | (NA)                        |
| Fabricated metal products.....                           | 0.1                      | (NA)                              | (NA)                        | 0.0                      | (NA)                              | (NA)                        | -0.1                     | (NA)                              | (NA)                        | -0.3                     | (NA)                              | (NA)                        |
| Machinery.....                                           | 0.7                      | (NA)                              | (NA)                        | 2.5                      | (NA)                              | (NA)                        | 0.6                      | (NA)                              | (NA)                        | 0.2                      | (NA)                              | (NA)                        |
| Computers and electronic products <sup>3</sup> .....     | -0.4                     | (NA)                              | (NA)                        | -0.4                     | (NA)                              | (NA)                        | 0.1                      | (NA)                              | (NA)                        | -0.1                     | (NA)                              | (NA)                        |
| Electrical equipment, appliances,<br>and components..... | 0.0                      | (NA)                              | (NA)                        | 0.7                      | (NA)                              | (NA)                        | -0.1                     | (NA)                              | (NA)                        | 0.0                      | (NA)                              | (NA)                        |
| Transportation equipment.....                            | 0.0                      | (NA)                              | (NA)                        | 0.1                      | (NA)                              | (NA)                        | 0.0                      | (NA)                              | (NA)                        | 0.1                      | (NA)                              | (NA)                        |
| Furniture and related products.....                      | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        |
| Miscellaneous products.....                              | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        |
| Nondurable goods industries.....                         | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        |
| Food products.....                                       | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        |
| Beverage and tobacco products.....                       | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        |
| Textiles.....                                            | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        |
| Textile products.....                                    | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        |
| Apparel.....                                             | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        |
| Leather and allied products.....                         | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        |
| Paper products.....                                      | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        |
| Printing.....                                            | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        |
| Petroleum and coal products.....                         | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        |
| Basic chemicals.....                                     | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        |
| Plastics and rubber products.....                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        | (X)                      | (NA)                              | (NA)                        |

(X) Not Applicable

(NA) Not Available

<sup>3</sup> See footnote at end of Table 7

NOTE: The five year and the twelve month revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the absolute values of the differences for the months specified. The advance to final percent change revisions for the durable goods industries are shown in the advance report for the month.

<sup>1</sup> The current month revisions are the difference between the advance percent change and the percent change as shown in this publication.

<sup>2</sup> Average revisions of the current month for the past five years.

See note at end of Table 2 relating to survey error and revision. In Table 8, the second column for each item represents the average revisions of the current month for the past five years.

## Survey Description

This report is compiled from results of the U.S. Census Bureau's Manufacturers' Shipments, Inventories, and Orders (M3) survey. This survey provides statistics on manufacturers' value of shipments, new orders (net of cancellations), end-of-month order backlog (unfilled orders), end-of-month total inventory (at current cost or market value), and inventories by stage of fabrication (materials and supplies, work-in-process, and finished goods). The M3 includes approximately 5,000 reporting units. Units may be divisions of diversified large companies, large homogenous companies, or single-unit manufacturers in 89 industry categories. Due to the small monthly sample, these 89 categories have been combined into 59 publication levels. The survey methodology assumes that the month-to-month changes of the total operations of those companies in the monthly survey effectively represent the month-to-month movements of all establishments that make up the category. The current coverage levels in the survey show that reported data in the monthly survey represent approximately 60 percent of the shipments estimates at the total manufacturing level. Data published represent manufacturing in a calendar month. The data collection is based on a voluntary survey authorized by Title 13 of the United States Code.

The data presented in this release are based on data obtained from a panel of 5,000 reporting units and provide an indication of the activity within the manufacturing sector. The results differ from what would be obtained from a complete enumeration of all manufacturing companies. In addition, a different panel of 5,000 companies would yield different results. The M3 panel is comprised of companies with \$500 million or more in shipments and a limited number of smaller companies. From a statistical perspective, the panel is not a probability sample; therefore, the sampling errors that are normally provided with sample surveys cannot be measured. Nonsampling errors are attributable to many sources. The use of company or divisional reports to estimate the monthly change for establishments is one source of nonsampling error. The use of primarily large companies to represent the month-to-month movement of all companies is another potential source.

Additional survey documentation can be found on our web site: <http://www.census.gov/indicator/www/m3/>.