# U.S. Census Bureau News 

## U.S. Department of Commerce • Washington, D.C. 20233

FOR IMMEDIATE RELEASE<br>WEDNESDAY, DECEMBER 5, 2012, AT 10:00 A.M. EST

Chris Savage or Adriana Stoica
M3-2 (12)-10
Manufacturing and Construction Division
CB12-227
(301) 763-4832

## Full Report on Manufacturers' Shipments, Inventories and Orders October 2012

## Summary

New orders for manufactured goods in October, up three of the last four months, increased $\$ 3.8$ billion or 0.8 percent to $\$ 477.6$ billion, the U.S. Census Bureau reported today. This followed a 4.5 percent September increase. Excluding transportation, new orders increased 1.3 percent.

Shipments, up three of the last four months, increased $\$ 1.9$ billion or 0.4 percent to $\$ 482.3$ billion. This followed a 0.7 percent September increase.

Unfilled orders, up four of the last five months, increased $\$ 2.8$ billion or 0.3 percent to $\$ 982.9$ billion. This followed a 0.1 percent September increase. The unfilled orders-to-shipments ratio was 6.25, up from 6.24 in September.

Inventories, up four consecutive months, increased $\$ 0.5$ billion or 0.1 percent to $\$ 616.0$ billion. This was at the highest level since the series was first published on a NAICS basis in 1992 and followed a 0.6 percent September increase. The inventories-to-shipments ratio was 1.28, unchanged from September.

## New Orders

New orders for manufactured durable goods in October, up five of the last six months, increased \$1.1 billion or 0.5 percent to $\$ 217.9$ billion, revised from the previously published slight increase. This followed a 9.1 percent September increase.
Machinery, up two consecutive months, had the largest increase, $\$ 1.4$ billion or 4.6 percent to $\$ 31.3$ billion.

New orders for manufactured nondurable goods increased $\$ 2.7$ billion or 1.1 percent to $\$ 259.7$ billion.

## Shipments

Shipments of manufactured durable goods in October, down two of the last three months, decreased \$0.8 billion or 0.4 percent to $\$ 222.7$ billion, revised from the previously published 0.6 percent decrease. This followed a 0.5 percent September increase.

Transportation equipment, also down two of the last three months, had the largest decrease, $\$ 0.6$ billion or
1.0 percent to $\$ 63.8$ billion.

Shipments of manufactured nondurable goods, up four consecutive months, increased $\$ 2.7$ billion or 1.1 percent to $\$ 259.7$ billion. This followed a 0.9 percent September increase. Petroleum and coal products, also up four consecutive months, led the increase, up $\$ 1.5$ billion or 1.9 percent to $\$ 78.8$ billion.

## Unfilled Orders

Unfilled orders for manufactured durable goods in October, up four of the last five months, increased \$2.8 billion or 0.3 percent to $\$ 982.9$ billion, revised from the previously published 0.2 percent increase. This followed a 0.1 percent September increase.

Transportation equipment, also up four of the last five months, had the largest increase, $\$ 3.2$ billion or 0.6 percent to $\$ 576.9$ billion.

## Inventories

Inventories of manufactured durable goods in October, up thirty-three of the last thirty-four months, increased $\$ 1.7$ billion or 0.4 percent to $\$ 374.5$ billion, unchanged from the previously published increase. This was at the highest level since the series was first published on a NAICS basis and followed a 0.2 percent September increase.

Transportation equipment, also up thirty-three of the last thirty-four months, had the largest increase, \$1.1 billion or 1.0 percent to $\$ 113.8$ billion.

Inventories of manufactured nondurable goods, down following three consecutive monthly increases, decreased $\$ 1.2$ billion or 0.5 percent to $\$ 241.5$ billion. This followed a 1.1 percent September increase. Petroleum and coal products, also down following three consecutive monthly increases, drove the decrease, down $\$ 1.3$ billion or 2.3 percent to $\$ 54.3$ billion.
By stage of fabrication, October materials and supplies increased 0.2 percent in durable goods and decreased 0.5 percent in nondurable goods. Work in process increased 0.3 percent in durable goods and decreased 1.8 percent in nondurable goods. Finished goods increased 0.9 percent in durable goods and 0.1 percent in nondurable goods.

[^0]Table 1. Value of Manufacturers' Shipments for Industry Groups ${ }^{1}$
[Estimates are shown in millions of dollars and are based on data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

| Industry | Seasonally Adjusted |  |  |  |  |  | Not Seasonally Adjusted |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Monthly |  |  | Percent Change |  |  | Monthly |  |  |  | Year to date |  |  |
|  | $\begin{aligned} & \text { Oct. } \\ & 2012^{\mathrm{p}} \end{aligned}$ | $\begin{aligned} & \text { Sept. } \\ & 2012^{r} \end{aligned}$ | $\begin{aligned} & \text { Aug. } \\ & 2012 \end{aligned}$ | Sept. Oct. | Aug. Sept. | July - <br> Aug. | $\begin{gathered} \text { Oct. } \\ 2012^{\text {p }} \end{gathered}$ | $\begin{aligned} & \text { Sept. } \\ & 2012^{r} \end{aligned}$ | $\begin{aligned} & \text { Aug. } \\ & 2012 \end{aligned}$ | $\begin{aligned} & \text { Oct. } \\ & 2011 \end{aligned}$ | $2012^{\text {p }}$ | 2011 | $\begin{aligned} & \hline \text { Percent } \\ & 2012 / \\ & 2011 \end{aligned}$ |
| All manufacturing industries. | 482,329 | 480,401 | 477,115 | 0.4 | 0.7 | -0.2 | 496,503 | 485,837 | 497,536 | 471,056 | 4,792,731 | 4,580,052 | 4.6 |
| Excluding transportation... | 418,546 | 415,991 | 413,221 | 0.6 | 0.7 | 1.1 | 428,930 | 418,568 | 429,483 | 409,496 | 4,153,152 | 4,003,798 | 3.7 |
| Excluding defense......... | 471,478 | 469,554 | 466,253 | 0.4 | 0.7 | -0.3 | 486,154 | 473,745 | 486,776 | 461,253 | 4,686,080 | 4,469,000 | 4.9 |
| With unfilled orders... | 157,294 | 157,169 | 156,043 | 0.1 | 0.7 | -2.3 | 160,369 | 162,775 | 162,728 | 151,403 | 1,579,469 | 1,477,551 | 6.9 |
| Durable goods industries. | 222,667 | 223,480 | 222,397 | -0.4 | 0.5 | -2.9 | 232,999 | 229,943 | 232,675 | 219,047 | 2,248,180 | 2,092,597 | 7.4 |
| Wood products. | 6,363 | 6,196 | 6,219 | 2.7 | -0.4 | 1.9 | 6,799 | 6,331 | 6,729 | 6,099 | 62,524 | 58,335 | 7.2 |
| Nonmetallic mineral products. | 8,182 | 8,115 | 8,133 | 0.8 | -0.2 | 0.6 | 8,973 | 8,286 | 9,216 | 8,467 | 82,370 | 79,123 | 4.1 |
| Primary metals.................. | 27,905 | 28,242 | 28,029 | -1.2 | 0.8 | -0.4 | 28,405 | 27,828 | 29,575 | 27,013 | 290,058 | 253,005 | 14.6 |
| Iron and steel mills.. | 10,636 | 10,751 | 11,000 | -1.1 | -2.3 | 0.5 | 10,449 | 10,282 | 11,380 | 11,344 | 114,554 | 116,737 | -1.9 |
| Aluminum and nonferrous metals......... | 15,492 | 15,721 | 15,263 | -1.5 | 3.0 | -1.0 | 16,166 | 15,760 | 16,361 | 13,990 | 157,044 | 119,960 | 30.9 |
| Ferrous metal foundries..................... | 1,777 | 1,770 | 1,766 | 0.4 | 0.2 | -1.5 | 1,790 | 1,786 | 1,834 | 1,679 | 18,460 | 16,308 | 13.2 |
| Fabricated metal products..................... | 27,212 | 27,193 | 27,239 | 0.1 | -0.2 | 0.3 | 28,851 | 27,912 | 29,531 | 27,743 | 278,090 | 265,670 | 4.7 |
| Machinery..................... | 32,406 | 32,204 | 32,458 | 0.6 | -0.8 | -1.1 | 33,083 | 32,608 | 33,022 | 30,154 | 323,612 | 295,784 | 9.4 |
| Farm machinery.. | 1,658 | 1,584 | 1,614 | 4.7 | -1.9 | -13.7 | 1,605 | 1,458 | 1,461 | 2,429 | 21,807 | 25,379 | -14.1 |
| Construction machinery................... | 5,486 | 5,567 | 5,516 | -1.5 | 0.9 | 1.4 | 6,230 | 5,831 | 5,981 | 4,173 | 48,727 | 35,699 | 36.5 |
| Mining, oil field, and gas field machinery. | 2,120 | 2,101 | 2,126 | 0.9 | -1.2 | -2.7 | 2,116 | 2,124 | 2,083 | 1,966 | 20,797 | 19,614 | 6.0 |
| Industrial machinery....................... | 3,544 | 3,423 | 3,474 | 3.5 | -1.5 | -0.3 | 3,547 | 3,723 | 3,234 | 3,025 | 32,584 | 29,131 | 11.9 |
| Photographic equipment.... | 645 | 632 | 649 | 2.1 | -2.6 | 0.8 | 672 | 672 | 706 | 669 | 6,481 | 6,628 | -2.2 |
| Ventilation, heating, air-conditioning, and refrigeration equipment......... | 3,178 | 3,088 | 3,121 | 2.9 | -1.1 | -1.8 | 2,871 | 3,186 | 3,482 | 2,506 | 31,702 | 29,810 | 6.3 |
| Metalworking machinery................... | 2,541 | 2,495 | 2,498 | 1.8 | -0.1 | -1.2 | 2,717 | 2,480 | 2,599 | 2,265 | 24,392 | 20,338 | 19.9 |
| Turbines, generators, and other power transmission equipment. | 3,381 | 3,423 | 3,418 | -1.2 | 0.1 | -1.8 | 3,505 | 3,297 | 3,415 | 3,432 | 36,446 | 34,376 | 6.0 |
| Material handling equipment.............. | 2,887 | 2,841 | 2,820 | 1.6 | 0.7 | 0.1 | 2,984 | 2,779 | 3,018 | 2,747 | 27,955 | 25,230 | 10.8 |
| Computers and electronic products ${ }^{2}$. | 27,951 | 28,069 | 27,439 | -0.4 | 2.3 | -3.5 | 30,026 | 30,014 | 26,685 | 29,763 | 281,453 | 282,757 | -0.5 |
| Computers.................................... | 912 | 1,128 | 980 | -19.1 | 15.1 | -0.6 | 1,085 | 1,334 | 879 | 2,103 | 11,360 | 15,476 | -26.6 |
| Computer storage devices................... | 614 | 653 | 822 | -6.0 | -20.6 | -23.7 | 418 | 919 | 740 | 526 | 7,232 | 6,363 | 13.7 |
| Other peripheral equipment.............. | 842 | 911 | 867 | -7.6 | 5.1 | -0.7 | 748 | 1,168 | 776 | 861 | 8,440 | 8,400 | 0.5 |
| Nondefense communications equipment. | 2,803 | 2,666 | 2,721 | 5.1 | -2.0 | 2.9 | 2,563 | 3,155 | 2,599 | 2,375 | 26,397 | 27,076 | -2.5 |
| Defense communications equipment.... | 493 | 345 | 364 | 42.9 | -5.2 | 3.4 | 500 | 380 | 361 | 454 | 4,011 | 5,012 | -20.0 |
| Audio and video equipment................ | 235 | 258 | 244 | -8.9 | 5.7 | -5.1 | 263 | 251 | 195 | 259 | 2,208 | 2,100 | 5.1 |
| Electronic components........... | 3,502 | 3,477 | 3,540 | 0.7 | -1.8 | -0.6 | 3,431 | 3,673 | 3,692 | 3,488 | 35,474 | 36,059 | -1.6 |
| Nondefense search and navigation equipment. | 1,274 | 1,312 | 1,302 | -2.9 | 0.8 | -4.3 | 1,246 | 1,446 | 1,313 | 1,197 | 12,989 | 12,845 | 1.1 |
| Defense search and navigation equipment. | 2,993 | 3,032 | 2,889 | -1.3 | 4.9 | -3.5 | 2,933 | 3,278 | 2,881 | 2,729 | 29,176 | 29,334 | -0.5 |
| Electromedical, measuring, and control instruments... | 6,207 | 6,316 | 6,039 | -1.7 | 4.6 | -2.0 | 5,903 | 6,993 | 5,792 | 6,483 | 65,878 | 67,883 | -3.0 |
| Electrical equipment, appliances, |  |  |  |  |  |  |  |  |  |  |  |  |  |
| and components.................. | 9,833 | 9,798 | 9,887 | 0.4 | -0.9 | -0.6 | 10,064 | 10,302 | 10,336 | 9,773 | 99,889 | 97,310 | 2.7 |
| Electric lighting equipment................... | 886 | 859 | 900 | 3.1 | -4.6 | 0.7 | 916 | 879 | 920 | 898 | 8,961 | 9,360 | -4.3 |
| Household appliances... | 1,608 | 1,600 | 1,571 | 0.5 | 1.8 | 0.9 | 1,653 | 1,646 | 1,621 | 1,502 | 15,771 | 14,998 | 5.2 |
| Electrical equipment......................... | 2,970 | 3,002 | 3,059 | -1.1 | -1.9 | -1.4 | 2,824 | 3,264 | 3,157 | 2,882 | 31,091 | 30,248 | 2.8 |
| Batteries...................................... | 967 | 1,001 | 1,003 | -3.4 | -0.2 | 2.2 | 1,168 | 1,115 | 1,079 | 1,138 | 9,625 | 9,199 | 4.6 |
| Transportation equipment..................... | 63,783 | 64,410 | 63,894 | -1.0 | 0.8 | -8.0 | 67,573 | 67,269 | 68,053 | 61,560 | 639,579 | 576,254 | 11.0 |
| Automobiles................................. | 8,893 | 8,833 | 8,552 | 0.7 | 3.3 | -2.8 | 10,113 | 8,914 | 9,467 | 8,390 | 88,269 | 70,843 | 24.6 |
| Light trucks and utility vehicles............. | 12,805 | 13,737 | 14,211 | -6.8 | -3.3 | -11.7 | 14,629 | 14,179 | 15,651 | 13,339 | 135,099 | 116,399 | 16.1 |
| Heavy duty trucks .......................... | 2,118 | 2,178 | 2,289 | -2.8 | -4.8 | -6.9 | 2,251 | 2,203 | 2,397 | 2,542 | 24,783 | 21,847 | 13.4 |
| Motor vehicle bodies, parts, and trailers. | 18,685 | 18,305 | 18,464 | 2.1 | -0.9 | -15.8 | 20,599 | 18,213 | 20,329 | 18,983 | 189,762 | 180,593 | 5.1 |
| Nondefense aircraft and parts............... | 10,359 | 10,426 | 9,177 | -0.6 | 13.6 | -5.9 | 9,454 | 11,387 | 9,058 | 8,273 | 93,068 | 76,550 | 21.6 |
| Defense aircraft and parts................. | 4,516 | 4,456 | 4,587 | 1.3 | -2.9 | 5.9 | 4,158 | 5,210 | 4,537 | 3,968 | 44,997 | 44,671 | 0.7 |
| Ships and boats............................. | 2,250 | 2,171 | 2,277 | 3.6 | -4.7 | 2.6 | 2,215 | 2,231 | 2,222 | 2,151 | 22,262 | 22,291 | -0.1 |
| Furniture and related products................ | 5,428 | 5,422 | 5,373 | 0.1 | 0.9 | 0.9 | 5,358 | 5,472 | 5,854 | 5,068 | 53,997 | 51,902 | 4.0 |
| Miscellaneous durable goods............... | 13,604 | 13,831 | 13,726 | -1.6 | 0.8 | 1.2 | 13,867 | 13,921 | 13,674 | 13,407 | 136,608 | 132,457 | 3.1 |
| Nondurable goods industries................... | 259,662 | 256,921 | 254,718 | 1.1 | 0.9 | 2.2 | 263,504 | 255,894 | 264,861 | 252,009 | 2,544,551 | 2,487,455 | 2.3 |
| Food products.. | 61,301 | 60,822 | 60,712 | 0.8 | 0.2 | 0.0 | 65,103 | 62,124 | 61,843 | 63,712 | 604,125 | 588,348 | 2.7 |
| Grain and oilseed milling..................... | 8,319 | 8,269 | 8,329 | 0.6 | -0.7 | 2.0 | 9,383 | 8,166 | 8,717 | 9,040 | 81,524 | 78,965 | 3.2 |
| Dairy products.............................. | 8,426 | 8,221 | 8,177 | 2.5 | 0.5 | 1.1 | 8,752 | 8,308 | 8,494 | 8,894 | 82,705 | 86,773 | -4.7 |
| Meat, poultry, and seafood products... | 16,788 | 16,608 | 16,485 | 1.1 | 0.7 | -1.5 | 17,217 | 16,603 | 16,756 | 17,172 | 167,330 | 164,103 | 2.0 |
| Beverage and tobacco products............... | 12,642 | 12,294 | 12,952 | 2.8 | -5.1 | 2.4 | 12,619 | 12,223 | 13,545 | 11,807 | 124,440 | 117,099 | 6.3 |
| Beverages..................................... | 9,201 | 9,197 | 9,179 | 0.0 | 0.2 | -1.0 | 9,178 | 9,126 | 9,772 | 8,482 | 90,902 | 83,869 | 8.4 |
| Tobacco...................................... | 3,441 | 3,097 | 3,773 | 11.1 | -17.9 | 11.8 | 3,441 | 3,097 | 3,773 | 3,325 | 33,538 | 33,230 | 0.9 |
| Textile mills..................................... | 2,489 | 2,467 | 2,466 | 0.9 | 0.0 | -0.1 | 2,532 | 2,505 | 2,621 | 2,523 | 25,230 | 25,724 | -1.9 |
| Textile products............................... | 1,978 | 1,962 | 1,983 | 0.8 | -1.1 | 1.3 | 1,993 | 1,961 | 2,078 | 1,922 | 19,901 | 18,992 | 4.8 |
| Apparel.......................................... | 1,324 | 1,277 | 1,304 | 3.7 | -2.1 | 0.8 | 1,524 | 1,324 | 1,459 | 1,425 | 12,653 | 11,974 | 5.7 |
| Leather and allied products.................... | 458 | 437 | 440 | 4.8 | -0.7 | -1.8 | 473 | 473 | 464 | 451 | 4,598 | 4,575 | 0.5 |
| Paper products................................. | 13,937 | 13,860 | 13,871 | 0.6 | -0.1 | -0.2 | 14,474 | 13,865 | 14,524 | 14,258 | 140,211 | 142,576 | -1.7 |
| Pulp, paper, and paperboard mills....... | 6,562 | 6,498 | 6,488 | 1.0 | 0.2 | 0.1 | 6,807 | 6,539 | 6,800 | 6,736 | 65,810 | 67,070 | -1.9 |
| Paperboard containers...................... | 4,060 | 4,082 | 4,067 | -0.5 | 0.4 | -0.8 | 4,278 | 4,030 | 4,266 | 4,197 | 41,201 | 42,077 | -2.1 |
| Printing........................................... | 6,769 | 6,668 | 6,692 | 1.5 | -0.4 | 1.0 | 7,272 | 6,925 | 6,939 | 7,021 | 67,031 | 68,138 | -1.6 |
| Petroleum and coal products................ | 78,821 | 77,324 | 74,953 | 1.9 | 3.2 | 7.3 | 76,876 | 76,118 | 79,142 | 69,724 | 733,429 | 696,306 | 5.3 |
| Petroleum refineries....................... | 74,677 | 73,220 | 70,830 | 2.0 | 3.4 | 7.6 | 72,187 | 71,602 | 74,046 | 65,395 | 689,690 | 655,132 | 5.3 |
| Chemical products.. | 62,505 | 62,442 | 62,095 | 0.1 | 0.6 | 0.3 | 62,666 | 61,312 | 63,906 | 61,916 | 635,467 | 643,538 | -1.3 |
| Pesticides, fertilizers, and other agricultural chemicals. | 3,239 | 3,262 | 3,062 | -0.7 | 6.5 | 1.0 | 2,530 | 2,793 | 2,672 | 2,339 | 32,159 | 30,398 | 5.8 |
| Pharmaceuticals and medicines............ | 13,665 | 13,496 | 13,684 | 1.3 | -1.4 | -2.9 | 14,439 | 12,938 | 13,965 | 14,497 | 140,887 | 149,488 | -5.8 |
| Paints, coatings, and adhesives......... | 2,725 | 2,736 | 2,733 | -0.4 | 0.1 | -2.5 | 2,775 | 2,719 | 2,985 | 2,811 | 29,212 | 27,510 | 6.2 |
| Plastics and rubber products................ | 17,438 | 17,368 | 17,250 | 0.4 | 0.7 | -0.3 | 17,972 | 17,064 | 18,340 | 17,250 | 177,466 | 170,185 | 4.3 |

${ }^{\mathrm{p}}$ Preliminary
${ }^{1}$ Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted
estimates of shipments and new orders include adjusted data for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holiday and trading-day differences,
where appropriate, as well as seasonal variation, based on the results of the latest annual review of the model parameters. Estimates are not adjusted for price changes.
See note at end of Table 2 relating to survey error and revision.
${ }^{2}$ Estimates and percent changes of shipments for the semiconductor industry are no longer shown separately, but are included in computers and electronic products, and all other applicable
aggregate totals.

Table 2. Value of Manufacturers' New Orders for Industry Groups ${ }^{1}$
[Estimates are shown in millions of dollars and are based on data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

| Industry | Seasonally Adjusted |  |  |  |  |  | Not Seasonally Adjusted |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Monthly |  |  | Percent Change |  |  | Monthly |  |  |  | Year to date |  |  |
|  | $\begin{gathered} \text { Oct. } \\ 2012^{p} \end{gathered}$ | $\begin{aligned} & \text { Sept. } \\ & 2012^{r} \end{aligned}$ | $\begin{aligned} & \text { Aug. } \\ & 2012 \end{aligned}$ | Sept. Oct. | Aug. Sept. | July Aug. | $\begin{aligned} & \text { Oct. } \\ & 2012^{p} \end{aligned}$ | $\begin{aligned} & \text { Sept. } \\ & 2012^{r} \end{aligned}$ | $\begin{aligned} & \text { Aug. } \\ & 2012 \end{aligned}$ | $\begin{aligned} & \text { Oct. } \\ & 2011 \end{aligned}$ | $2012^{\text {p }}$ | 2011 | Percent 2012/ <br> 2011 |
| All manufacturing industries ${ }^{2}$. | 477,577 | 473,786 | 453,411 | 0.8 | 4.5 | -5.1 | 485,893 | 478,659 | 468,249 | 462,050 | 4,723,719 | 4,564,426 | 3.5 |
| Excluding transportation ${ }^{2}$. | 410,581 | 405,220 | 400,540 | 1.3 | 1.2 | 0.7 | 416,928 | 407,014 | 413,115 | 405,119 | 4,074,710 | 3,972,313 | 2.6 |
| Excluding defense ${ }^{2}$.. | 466,661 | 462,764 | 444,507 | 0.8 | 4.1 | -4.5 | 477,192 | 466,163 | 461,087 | 454,486 | 4,620,064 | 4,447,753 | 3.9 |
| With unfilled orders ${ }^{2}$. | 160,115 | 157,989 | 139,495 | 1.3 | 13.3 | -16.4 | 160,101 | 162,407 | 140,379 | 151,149 | 1,583,678 | 1,530,121 | 3.5 |
| Durable goods industries ${ }^{2}$. | 217,915 | 216,865 | 198,693 | 0.5 | 9.1 | -13.1 | 222,389 | 222,765 | 203,388 | 210,041 | 2,179,168 | 2,076,971 | 4.9 |
| Primary metals.. | 28,421 | 27,966 | 26,908 | 1.6 | 3.9 | -2.5 | 28,576 | 26,577 | 28,172 | 26,514 | 284,065 | 251,971 | 12.7 |
| Iron and steel mills.. | 11,059 | 10,523 | 10,183 | 5.1 | 3.3 | -3.2 | 10,424 | 9,356 | 10,431 | 10,554 | 110,246 | 113,343 | -2.7 |
| Aluminum and nonferrous metals.......... | 15,568 | 15,758 | 15,033 | -1.2 | 4.8 | -1.3 | 16,365 | 15,584 | 15,987 | 14,185 | 155,409 | 121,765 | 27.6 |
| Ferrous metal foundries..................... | 1,794 | 1,685 | 1,692 | 6.5 | -0.4 | -8.2 | 1,787 | 1,637 | 1,754 | 1,775 | 18,410 | 16,863 | 9.2 |
| Fabricated metal products.... | 27,237 | 27,013 | 27,421 | 0.8 | -1.5 | -0.9 | 28,003 | 27,372 | 28,888 | 27,510 | 282,236 | 271,353 | 4.0 |
| Machinery.. | 31,299 | 29,936 | 27,778 | 4.6 | 7.8 | -6.1 | 32,235 | 29,408 | 26,921 | 33,983 | 313,933 | 324,363 | -3.2 |
| Construction machinery.. | 4,688 | 4,754 | 4,493 | -1.4 | 5.8 | 13.8 | 5,478 | 4,927 | 4,263 | 5,493 | 42,877 | 41,803 | 2.6 |
| Mining, oil field, and gas field machinery. | 2,013 | 2,060 | 1,414 | -2.3 | 45.7 | -5.2 | 2,183 | 1,804 | 1,319 | 1,818 | 19,337 | 26,361 | -26.6 |
| Industrial machinery... | 3,177 | 3,159 | 3,468 | 0.6 | -8.9 | 9.6 | 3,318 | 3,302 | 3,082 | 2,742 | 31,918 | 29,129 | 9.6 |
| Photographic equipment...... | 697 | 629 | 639 | 10.8 | -1.6 | -2.6 | 703 | 723 | 655 | 610 | 6,995 | 6,805 | 2.8 |
| Ventilation, heating, air-conditioning, and refrigeration equipment. | 3,467 | 3,200 | 1,187 | 8.3 | 169.6 | -66.0 | 2,999 | 2,940 | 1,269 | 2,542 | 31,782 | 31,174 | 2.0 |
| Metalworking machinery..................... | 2,590 | 2,507 | 2,356 | 3.3 | 6.4 | 1.1 | 2,811 | 2,442 | 2,378 | 2,418 | 24,163 | 22,057 | 9.5 |
| Turbines, generators, and other power transmission equipment........... | 3,039 | 2,687 | 2,587 | 13.1 | 3.9 | -2.7 | 3,072 | 2,560 | 2,483 | 4,619 | 34,520 | 40,577 | -14.9 |
| Material handling equipment................ | 2,841 | 2,568 | 2,953 | 10.6 | -13.0 | 4.8 | 2,748 | 2,680 | 3,119 | 2,534 | 28,164 | 26,042 | 8.1 |
| Computers and electronic products ${ }^{2}$.......... | 20,416 | 20,318 | 20,428 | 0.5 | -0.5 | -4.0 | 19,311 | 24,060 | 19,140 | 21,758 | 213,992 | 214,589 | -0.3 |
| Computers................................... | 930 | 1,154 | 1,035 | -19.4 | 11.5 | 15.0 | 1,103 | 1,360 | 934 | 2,104 | 11,411 | 15,363 | -25.7 |
| Nondefense communications equipment. | 2,719 | 2,515 | 2,625 | 8.1 | -4.2 | -8.5 | 2,655 | 3,509 | 2,650 | 3,174 | 29,751 | 27,277 | 9.1 |
| Defense communications equipment...... | 395 | 280 | 356 | 41.1 | -21.3 | -9.9 | 334 | 428 | 283 | 293 | 3,451 | 4,227 | -18.4 |
| Electronic components....................... | 3,591 | 3,499 | 3,474 | 2.6 | 0.7 | -1.3 | 3,511 | 3,614 | 3,699 | 3,582 | 35,622 | 36,403 | -2.1 |
| Nondefense search and navigation equipment. | 1,674 | 1,682 | 1,684 | -0.5 | -0.1 | 7.6 | 1,679 | 1,818 | 1,573 | 1,361 | 16,814 | 13,547 | 24.1 |
| Defense search and navigation equipment. | 2,798 | 2,672 | 2,960 | 4.7 | -9.7 | -4.2 | 2,494 | 2,945 | 2,641 | 2,606 | 28,396 | 28,031 | 1.3 |
| Electromedical, measuring, and control instruments. | 6,115 | 6,158 | 5,846 | -0.7 | 5.3 | -6.0 | 5,512 | 7,441 | 5,130 | 6,456 | 65,600 | 68,865 | -4.7 |
| Electrical equipment, appliances, and components. | 9,897 | 9,445 | 9,815 | 4.8 | -3.8 | 2.6 | 10,144 | 9,646 | 10,221 | 10,106 | 99,743 | 100,350 | -0.6 |
| Electric lighting equipment................... | 907 | 870 | 875 | 4.3 | -0.6 | -1.0 | 919 | 940 | 893 | 841 | 9,033 | 9,578 | -5.7 |
| Household appliances........ | 1,620 | 1,604 | 1,568 | 1.0 | 2.3 | 3.4 | 1,651 | 1,642 | 1,631 | 1,496 | 15,763 | 15,085 | 4.5 |
| Electrical equipment.......... | 3,054 | 2,844 | 3,064 | 7.4 | -7.2 | 1.7 | 2,943 | 2,872 | 3,092 | 2,994 | 31,222 | 31,386 | -0.5 |
| Transportation equipment....... | 66,996 | 68,566 | 52,871 | -2.3 | 29.7 | -33.7 | 68,965 | 71,645 | 55,134 | 56,931 | 649,009 | 592,113 | 9.6 |
| Motor vehicle bodies, parts, and trailers. $\qquad$ | 18,543 | 17,998 | 18,445 | 3.0 | -2.4 | -15.7 | 20,415 | 18,014 | 20,077 | 18,874 | 188,051 | 180,034 | 4.5 |
| Nondefense aircraft and parts.... | 13,799 | 14,616 | 533 | -5.6 | 2,642.2 | -97.2 | 12,356 | 15,571 | 30 | 6,102 | 110,843 | 91,216 | 21.5 |
| Defense aircraft and parts........ | 5,666 | 5,923 | 4,490 | -4.3 | 31.9 | -1.4 | 4,997 | 6,497 | 3,236 | 3,649 | 46,989 | 46,426 | 1.2 |
| Ships and boats.............................. | 1,739 | 1,564 | 1,347 | 11.2 | 16.1 | -45.0 | 1,372 | 1,620 | 1,065 | 1,055 | 17,080 | 24,338 | -29.8 |
| Furniture and related products.................. | 5,441 | 5,486 | 5,397 | -0.8 | 1.6 | 0.4 | 5,457 | 5,526 | 5,296 | 5,207 | 54,685 | 52,337 | 4.5 |
| Nondurable goods industries............. | 259,662 | 256,921 | 254,718 | 1.1 | 0.9 | 2.2 | 263,504 | 255,894 | 264,861 | 252,009 | 2,544,551 | 2,487,455 | 2.3 |

[^1]Table 3. Value of Manufacturers' Unfilled Orders for Industry Groups ${ }^{1}$
[Estimates are shown in millions of dollars and are based on data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

| Industry | Seasonally Adjusted |  |  |  |  |  | Not Seasonally Adjusted |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Monthly |  |  | Percent Change |  |  | Monthly |  |  |  | Percent Change Oct. 12/11 |
|  | $\begin{aligned} & \text { Oct. } \\ & 2012^{p} \end{aligned}$ | $\begin{aligned} & \text { Sept. } \\ & 2012^{r} \end{aligned}$ | $\begin{aligned} & \text { Aug. } \\ & 2012 \end{aligned}$ | Sept. Oct. | Aug. Sept. | July Aug. | $\begin{gathered} \text { Oct. } \\ 2012^{p} \end{gathered}$ | $\begin{aligned} & \text { Sept. } \\ & 2012^{r} \end{aligned}$ | $\begin{aligned} & \text { Aug. } \\ & 2012 \end{aligned}$ | $\begin{aligned} & \text { Oct. } \\ & 2011 \end{aligned}$ |  |
| All manufacturing industries ${ }^{2}$. | 982,945 | 980,124 | 979,304 | 0.3 | 0.1 | -1.7 | 970,132 | 970,400 | 970,768 | 928,844 | 4.4 |
| Excluding transportation ${ }^{2}$. | 406,017 | 406,409 | 409,745 | -0.1 | -0.8 | -1.3 | 400,036 | 401,696 | 406,440 | 398,716 | 0.3 |
|  | 792,990 | 790,234 | 789,589 | 0.3 | 0.1 | -1.8 | 783,613 | 782,233 | 783,005 | 738,270 | 6.1 |
| Durable goods industries ${ }^{2}$.. | 982,945 | 980,124 | 979,304 | 0.3 | 0.1 | -1.7 | 970,132 | 970,400 | 970,768 | 928,844 | 4.4 |
| Primary metals.. | 31,922 | 31,406 | 31,682 | 1.6 | -0.9 | -3.4 | 30,009 | 29,838 | 31,089 | 32,116 | -6.6 |
| Iron and steel mills... | 17,557 | 17,134 | 17,362 | 2.5 | -1.3 | -4.5 | 16,111 | 16,136 | 17,062 | 17,160 | -6.1 |
| Aluminum and nonferrous metals............ | 10,948 | 10,872 | 10,835 | 0.7 | 0.3 | -2.1 | 10,591 | 10,392 | 10,568 | 11,769 | -10.0 |
| Ferrous metal foundries...................... | 3,417 | 3,400 | 3,485 | 0.5 | -2.4 | -2.1 | 3,307 | 3,310 | 3,459 | 3,187 | 3.8 |
| Fabricated metal products....................... | 82,891 | 82,866 | 83,046 | 0.0 | -0.2 | 0.2 | 81,517 | 82,365 | 82,905 | 77,083 | 5.8 |
| Machinery........................................ | 126,542 | 127,649 | 129,917 | -0.9 | -1.7 | -3.5 | 124,783 | 125,631 | 128,831 | 131,505 | -5.1 |
| Construction machinery...................... | 22,090 | 22,888 | 23,701 | -3.5 | -3.4 | -4.1 | 20,969 | 21,721 | 22,625 | 26,525 | -20.9 |
| Mining, oil field, and gas field machinery. | 18,582 | 18,689 | 18,730 | -0.6 | -0.2 | -3.7 | 18,731 | 18,664 | 18,984 | 20,348 | -7.9 |
| Industrial machinery.......................... | 7,794 | 8,161 | 8,425 | -4.5 | -3.1 | -0.1 | 7,730 | 7,959 | 8,380 | 8,592 | -10.0 |
| Photographic equipment...................... | 2,924 | 2,872 | 2,875 | 1.8 | -0.1 | -0.3 | 2,976 | 2,945 | 2,894 | 2,705 | 10.0 |
| Ventilation, heating, air-conditioning, and refrigeration equipment. | 8,763 | 8,474 | 8,362 | 3.4 | 1.3 | -18.8 | 8,470 | 8,342 | 8,588 | 8,373 | 1.2 |
| Metalworking machinery..................... | 7,217 | 7,168 | 7,156 | 0.7 | 0.2 | -1.9 | 7,079 | 6,985 | 7,023 | 7,220 | -2.0 |
| Turbines, generators, and other power transmission equipment. | 25,800 | 26,142 | 26,878 | -1.3 | -2.7 | -3.0 | 25,571 | 26,004 | 26,741 | 24,882 | 2.8 |
| Material handling equipment.......... | 8,076 | 8,122 | 8,395 | -0.6 | -3.3 | 1.6 | 7,942 | 8,178 | 8,277 | 7,630 | 4.1 |
| Computers and electronic products ${ }^{2}$. | 136,461 | 136,423 | 136,739 | 0.0 | -0.2 | 0.1 | 135,872 | 136,245 | 135,389 | 130,940 | 3.8 |
| Computers.................................... | 1,207 | 1,189 | 1,163 | 1.5 | 2.2 | 5.0 | 1,207 | 1,189 | 1,163 | 1,151 | 4.9 |
| Nondefense communications equipment. | 28,292 | 28,376 | 28,527 | -0.3 | -0.5 | -0.3 | 28,741 | 28,649 | 28,295 | 25,653 | 12.0 |
| Defense communications equipment....... | 5,052 | 5,150 | 5,215 | -1.9 | -1.2 | -0.2 | 5,014 | 5,180 | 5,132 | 6,165 | -18.7 |
| Electronic components....................... | 13,214 | 13,125 | 13,103 | 0.7 | 0.2 | -0.5 | 13,216 | 13,136 | 13,195 | 13,251 | -0.3 |
| Nondefense search and navigation equipment. | 13,890 | 13,490 | 13,120 | 3.0 | 2.8 | 3.0 | 13,902 | 13,469 | 13,097 | 9,812 | 41.7 |
| Defense search and navigation equipment. | 45,797 | 45,992 | 46,352 | -0.4 | -0.8 | 0.2 | 45,068 | 45,507 | 45,840 | 45,749 | -1.5 |
| Electromedical, measuring, and control instruments. | 29,009 | 29,101 | 29,259 | -0.3 | -0.5 | -0.7 | 28,724 | 29,115 | 28,667 | 29,159 | -1.5 |
| Electrical equipment, appliances, |  |  |  |  |  |  |  |  |  |  |  |
| and components............................... | 20,817 | 20,753 | 21,106 | 0.3 | -1.7 | -0.3 | 20,582 | 20,502 | 21,158 | 20,169 | 2.0 |
| Electric lighting equipment................... | 1,051 | 1,030 | 1,019 | 2.0 | 1.1 | -2.4 | 1,107 | 1,104 | 1,043 | 1,197 | -7.5 |
| Household appliances........................ | 677 | 665 | 661 | 1.8 | 0.6 | -0.5 | 641 | 643 | 647 | 624 | 2.7 |
| Electrical equipment.......................... | 9,738 | 9,654 | 9,812 | 0.9 | -1.6 | 0.1 | 9,637 | 9,518 | 9,910 | 9,328 | 3.3 |
| Transportation equipment...................... | 576,928 | 573,715 | 569,559 | 0.6 | 0.7 | -1.9 | 570,096 | 568,704 | 564,328 | 530,128 | 7.5 |
| Motor vehicle bodies, parts, and trailers. $\qquad$ | 15,982 | 16,124 | 16,431 | -0.9 | -1.9 | -0.1 | 15,407 | 15,591 | 15,790 | 15,984 | -3.6 |
| Nondefense aircraft and parts............... | 407,192 | 403,752 | 399,562 | 0.9 | 1.0 | -2.1 | 403,532 | 400,630 | 396,446 | 356,220 | 13.3 |
| Defense aircraft and parts................... | 62,854 | 61,704 | 60,237 | 1.9 | 2.4 | -0.2 | 61,348 | 60,509 | 59,222 | 57,892 | 6.0 |
| Ships and boats.............................. | 17,286 | 17,797 | 18,404 | -2.9 | -3.3 | -4.8 | 16,606 | 17,449 | 18,060 | 23,920 | -30.6 |
| Furniture and related products................. | 6,471 | 6,458 | 6,394 | 0.2 | 1.0 | 0.4 | 6,360 | 6,261 | 6,207 | 6,046 | 5.2 |

${ }^{\mathrm{p}}$ Preliminary $\quad{ }^{r}$ Revised data due to late receipts and concurrent seasonal adjustment.
${ }^{1}$ Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted estimates of shipments and new orders include adjusted data for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holiday and trading-day differences, where appropriate, as well as seasonal variation, based on the results of the latest annual review of the model parameters. Estimates are not adjusted for price changes.
${ }^{2}$ Data on unfilled orders are not available for the semiconductor industry. Estimates and percent changes for unfilled orders exclude semiconductor industry data. See note at end of Table 2 relating to survey error and revision.

Table 4. Value of Manufacturers' Inventories for Industry Groups ${ }^{1}$
[Estimates are shown in millions of dollars and are based on data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

| Industry | Seasonally Adjusted |  |  |  |  |  | Not Seasonally Adjusted |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Monthly |  |  | Percent Change |  |  | Monthly |  |  |  | Percent <br> Change Oct. 12/11 |
|  | $\begin{gathered} \text { Oct. } \\ 2012^{p} \end{gathered}$ | $\begin{aligned} & \text { Sept. } \\ & 2012^{r} \end{aligned}$ | $\begin{aligned} & \text { Aug. } \\ & 2012 \end{aligned}$ | Sept. Oct. | Aug. - <br> Sept. | July - <br> Aug. | $\begin{gathered} \text { Oct. } \\ 2012^{p} \end{gathered}$ | $\begin{aligned} & \text { Sept. } \\ & 2012^{r} \end{aligned}$ | $\begin{aligned} & \text { Aug. } \\ & 2012 \end{aligned}$ | $\begin{aligned} & \text { Oct. } \\ & 2011 \end{aligned}$ |  |
| All manufacturing industries. $\qquad$ <br> Excluding transportation. $\qquad$ <br> Excluding defense. $\qquad$ <br> With unfilled orders. $\qquad$ | $\begin{aligned} & 615,950 \\ & 502,180 \\ & 590,352 \\ & 303,591 \end{aligned}$ | 615,453 502,758 589,697 302,277 | 611,959 499,769 585,635 301,397 | 0.1 -0.1 0.1 0.4 | 0.6 0.6 0.7 0.3 | 0.6 0.5 0.6 0.6 | 618,736 504,631 593,124 303,516 | 614,642 502,397 589,026 300,852 | 615,526 501,994 589,269 304,590 | 600,610 497,396 574,579 287,236 | 3.0 1.5 3.2 5.7 |
| Durable goods industries....................... | 374,473 | 372,820 | 371,952 | 0.4 | 0.2 | 0.6 | 374,493 | 371,034 | 375,663 | 355,734 | 5.3 |
| Wood products. | 9,081 | 9,058 | 8,973 | 0.3 | 0.9 | 0.5 | 9,177 | 9,104 | 8,924 | 8,756 | 4.8 |
| Nonmetallic mineral products.. | 11,684 | 11,642 | 11,692 | 0.4 | -0.4 | 0.6 | 11,361 | 11,455 | 11,558 | 11,037 | 2.9 |
| Primary metals................... | 34,686 | 34,285 | 34,105 | 1.2 | 0.5 | 0.0 | 34,328 | 34,330 | 34,343 | 34,832 | -1.4 |
| Iron and steel mills............................ | 20,129 | 19,879 | 19,785 | 1.3 | 0.5 | -0.3 | 19,864 | 19,966 | 19,933 | 20,896 | -4.9 |
| Aluminum and nonferrous metals........... | 12,428 | 12,257 | 12,163 | 1.4 | 0.8 | 0.5 | 12,341 | 12,263 | 12,276 | 11,909 | 3.6 |
| Ferrous metal foundries...................... | 2,129 | 2,149 | 2,157 | -0.9 | -0.4 | 0.6 | 2,123 | 2,101 | 2,134 | 2,027 | 4.7 |
| Fabricated metal products...................... | 46,249 | 46,069 | 45,966 | 0.4 | 0.2 | 0.2 | 46,000 | 45,972 | 46,263 | 44,936 | 2.4 |
| Machinery......................................... | 66,896 | 66,990 | 66,997 | -0.1 | 0.0 | 0.6 | 66,681 | 66,369 | 67,552 | 61,392 | 8.6 |
| Farm machinery. | 3,831 | 3,780 | 3,738 | 1.3 | 1.1 | 1.3 | 3,433 | 3,468 | 3,548 | 3,067 | 11.9 |
| Construction machinery........................ | 5,990 | 6,047 | 6,080 | -0.9 | -0.5 | 0.5 | 5,960 | 6,033 | 6,024 | 4,994 | 19.3 |
| Mining, oil field, and gas field machinery. | 7,890 | 7,838 | 7,780 | 0.7 | 0.7 | 1.2 | 7,780 | 7,813 | 7,925 | 6,645 | 17.1 |
| Industrial machinery.......................... | 7,182 | 7,165 | 7,206 | 0.2 | -0.6 | 0.5 | 7,182 | 7,204 | 7,285 | 7,182 | 0.0 |
| Photographic equipment..................... | 1,469 | 1,467 | 1,473 | 0.1 | -0.4 | -0.3 | 1,514 | 1,475 | 1,512 | 1,522 | -0.5 |
| Ventilation, heating, air-conditioning, and refrigeration equipment. | 4,061 | 4,075 | 4,079 | -0.3 | -0.1 | 0.1 | 4,048 | 4,003 | 4,174 | 4,123 | -1.8 |
| Metalworking machinery..................... | 5,504 | 5,496 | 5,471 | 0.1 | 0.5 | 0.0 | 5,613 | 5,645 | 5,563 | 5,124 | 9.5 |
| Turbines, generators, and other power transmission equipment. | 11,075 | 11,206 | 11,149 | -1.2 | 0.5 | 0.9 | 11,369 | 11,049 | 11,527 | 10,173 | 11.8 |
| Material handling equipment................ | 4,522 | 4,485 | 4,499 | 0.8 | -0.3 | 1.6 | 4,528 | 4,512 | 4,587 | 3,859 | 17.3 |
| Computers and electronic products ${ }^{2}$........... | 46,412 | 46,575 | 46,503 | -0.3 | 0.2 | 0.1 | 46,839 | 46,214 | 47,351 | 46,176 | 1.4 |
| Computers.................................... | 1,178 | 1,114 | 1,155 | 5.7 | -3.5 | -3.5 | 1,196 | 1,143 | 1,233 | 1,314 | -9.0 |
| Computer storage devices.................. | 1,048 | 1,035 | 1,080 | 1.3 | -4.2 | -0.2 | 1,105 | 1,006 | 1,161 | 1,166 | -5.2 |
| Other peripheral equipment................. | 1,646 | 1,657 | 1,704 | -0.7 | -2.8 | -1.0 | 1,677 | 1,610 | 1,782 | 1,720 | -2.5 |
| Nondefense communications equipment. | 6,937 | 6,993 | 6,962 | -0.8 | 0.4 | -0.8 | 7,041 | 6,885 | 7,060 | 6,887 | 2.2 |
| Defense communications equipment....... | 1,490 | 1,616 | 1,591 | -7.8 | 1.6 | 2.3 | 1,490 | 1,616 | 1,591 | 2,165 | -31.2 |
| Audio and video equipment.................. | 682 | 680 | 660 | 0.3 | 3.0 | 1.9 | 780 | 780 | 728 | 665 | 17.3 |
| Electronic components....................... | 7,316 | 7,353 | 7,302 | -0.5 | 0.7 | -0.1 | 7,396 | 7,263 | 7,274 | 6,973 | 6.1 |
| Nondefense search and navigation equipment. | 3,358 | 3,325 | 3,385 | 1.0 | -1.8 | 0.4 | 3,425 | 3,321 | 3,451 | 3,292 | 4.0 |
| Defense search and navigation equipment | 2,707 | 2,701 | 2,706 | 0.2 | -0.2 | -2.7 | 2,704 | 2,629 | 2,720 | 2,808 | -3.7 |
| Electromedical, measuring and control instruments. | 11,870 | 11,906 | 11,844 | -0.3 | 0.5 | 0.5 | 11,920 | 11,749 | 12,083 | 11,852 | 0.6 |
| Electrical equipment, appliances, |  |  |  |  |  |  |  |  |  |  |  |
| and components................... | 15,735 | 15,554 | 15,435 | 1.2 | 0.8 | -0.2 | 15,658 | 15,248 | 15,650 | 15,048 | 4.1 |
| Electric lighting equipment................... | 1,788 | 1,800 | 1,786 | -0.7 | 0.8 | 0.5 | 1,764 | 1,778 | 1,814 | 1,633 | 8.0 |
| Household appliances........................ | 1,666 | 1,665 | 1,652 | 0.1 | 0.8 | -0.4 | 1,701 | 1,677 | 1,729 | 1,771 | -4.0 |
| Electrical equipment.......................... | 4,593 | 4,572 | 4,625 | 0.5 | -1.1 | -0.9 | 4,584 | 4,329 | 4,684 | 4,559 | 0.5 |
| Batteries....................................... | 1,045 | 1,054 | 1,063 | -0.9 | -0.8 | 0.6 | 1,046 | 1,063 | 1,101 | 1,047 | -0.1 |
| Transportation equipment..................... | 113,770 | 112,695 | 112,190 | 1.0 | 0.5 | 1.5 | 114,105 | 112,245 | 113,532 | 103,214 | 10.6 |
| Automobiles................................... | 3,006 | 2,913 | 2,811 | 3.2 | 3.6 | 6.1 | 3,120 | 2,891 | 2,860 | 2,766 | 12.8 |
| Light trucks and utility vehicles............. | 2,696 | 2,548 | 2,572 | 5.8 | -0.9 | -1.4 | 2,834 | 2,621 | 2,743 | 2,725 | 4.0 |
| Heavy duty trucks ............................ | 2,170 | 2,120 | 2,111 | 2.4 | 0.4 | 2.9 | 2,280 | 2,122 | 2,198 | 2,114 | 7.9 |
| Motor vehicle bodies, parts, and trailers. | 17,804 | 17,709 | 17,661 | 0.5 | 0.3 | 0.3 | 17,707 | 17,597 | 17,633 | 16,996 | 4.2 |
| Nondefense aircraft and parts............... | 61,975 | 61,158 | 60,259 | 1.3 | 1.5 | 2.0 | 61,946 | 60,798 | 61,157 | 53,245 | 16.3 |
| Defense aircraft and parts................... | 13,160 | 13,170 | 13,615 | -0.1 | -3.3 | 2.0 | 13,264 | 13,257 | 13,715 | 12,958 | 2.4 |
| Ships and boats................ | 3,072 | 3,083 | 3,107 | -0.4 | -0.8 | 1.3 | 3,056 | 3,027 | 3,054 | 2,930 | 4.3 |
| Furniture and related products.................. | 6,215 | 6,173 | 6,160 | 0.7 | 0.2 | -0.2 | 6,196 | 6,185 | 6,263 | 5,990 | 3.4 |
| Miscellaneous durable goods................... | 23,745 | 23,779 | 23,931 | -0.1 | -0.6 | -0.5 | 24,148 | 23,912 | 24,227 | 24,353 | -0.8 |
| Nondurable goods industries.. | 241,477 | 242,633 | 240,007 | -0.5 | 1.1 | 0.7 | 244,243 | 243,608 | 239,863 | 244,876 | -0.3 |
| Food products.................................... | 45,977 | 45,491 | 45,154 | 1.1 | 0.7 | 0.7 | 48,917 | 46,116 | 45,438 | 47,503 | 3.0 |
| Grain and oilseed milling..................... | 5,625 | 5,583 | 5,411 | 0.8 | 3.2 | 3.7 | 5,932 | 5,379 | 5,277 | 5,357 | 10.7 |
| Dairy products................................ | 5,919 | 5,837 | 5,819 | 1.4 | 0.3 | 0.6 | 5,921 | 5,867 | 6,002 | 6,004 | -1.4 |
| Meat, poultry, and seafood products...... | 7,860 | 7,813 | 7,746 | 0.6 | 0.9 | 0.5 | 8,139 | 7,924 | 7,789 | 7,831 | 3.9 |
| Beverage and tobacco products............... | 18,985 | 18,728 | 18,466 | 1.4 | 1.4 | -0.3 | 19,699 | 18,540 | 17,795 | 18,347 | 7.4 |
| Beverages................................... | 15,218 | 14,963 | 14,737 | 1.7 | 1.5 | -0.4 | 15,878 | 14,896 | 14,277 | 14,591 | 8.8 |
| Tobacco.. | 3,767 | 3,765 | 3,729 | 0.1 | 1.0 | 0.1 | 3,821 | 3,644 | 3,518 | 3,756 | 1.7 |
| Textile mills.. | 3,386 | 3,377 | 3,383 | 0.3 | -0.2 | -0.1 | 3,367 | 3,374 | 3,386 | 3,529 | -4.6 |
| Textile products................................. | 3,154 | 3,153 | 3,142 | 0.0 | 0.4 | -0.7 | 3,149 | 3,175 | 3,170 | 3,223 | -2.3 |
| Apparel.......................................... | 2,408 | 2,385 | 2,347 | 1.0 | 1.6 | 1.3 | 2,478 | 2,548 | 2,491 | 2,290 | 8.2 |
| Leather and allied products..................... | 851 | 853 | 846 | -0.2 | 0.8 | 1.2 | 850 | 863 | 869 | 801 | 6.1 |
| Paper products................................... | 13,979 | 14,014 | 14,129 | -0.2 | -0.8 | -0.9 | 13,924 | 14,027 | 14,141 | 14,325 | -2.8 |
| Pulp, paper, and paperboard mills.......... | 6,002 | 6,062 | 6,184 | -1.0 | -2.0 | -1.7 | 5,951 | 6,065 | 6,174 | 6,328 | -6.0 |
| Paperboard containers....................... | 4,128 | 4,093 | 4,078 | 0.9 | 0.4 | 0.3 | 4,086 | 4,060 | 4,067 | 4,011 | 1.9 |
| Printing............................................ | 5,246 | 5,265 | 5,358 | -0.4 | -1.7 | -0.2 | 5,425 | 5,353 | 5,500 | 5,606 | -3.2 |
| Petroleum and coal products................... | 54,315 | 55,589 | 53,666 | -2.3 | 3.6 | 3.9 | 53,845 | 56,102 | 53,204 | 52,720 | 2.1 |
| Petroleum refineries.......................... | 49,998 | 51,287 | 49,445 | -2.5 | 3.7 | 4.0 | 49,518 | 51,782 | 48,867 | 48,613 | 1.9 |
| Chemical products.. | 71,522 | 72,272 | 72,154 | -1.0 | 0.2 | -0.5 | 71,186 | 72,069 | 72,481 | 75,317 | -5.5 |
| Pesticides, fertilizers, and other agricultural chemicals. | 4,004 | 4,110 | 4,153 | -2.6 | -1.0 | 3.9 | 3,797 | 3,820 | 3,778 | 3,961 | -4.1 |
| Pharmaceuticals and medicines............. | 23,791 | 24,238 | 23,829 | -1.8 | 1.7 | -0.5 | 23,831 | 24,208 | 24,117 | 24,764 | -3.8 |
| Paints, coatings, and adhesives............. | 2,881 | 2,889 | 2,914 | -0.3 | -0.9 | -1.1 | 2,760 | 2,831 | 2,933 | 2,827 | -2.4 |
| Plastics and rubber products................... | 21,654 | 21,506 | 21,362 | 0.7 | 0.7 | 0.0 | 21,403 | 21,441 | 21,388 | 21,215 | 0.9 |

## ${ }^{\mathrm{p}}$ Preliminary

Table 5. Value of Manufacturers' Shipments, New Orders, Unfilled Orders, and Total Inventories for Topical Series ${ }^{1,2}$
[Estimates are shown in millions of dollars and are based on data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

| Industry | Seasonally Adjusted |  |  |  |  |  | Not Seasonally Adjusted |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Monthly |  |  | Percent Change |  |  | Monthly |  |  |  | Year to date |  | PercentChange $^{6}$$2012 /$2011 |
|  | $\begin{aligned} & \text { Oct. } \\ & 2012^{p} \end{aligned}$ | $\begin{aligned} & \text { Sept. } \\ & 2012^{r} \end{aligned}$ | $\begin{aligned} & \text { Aug. } \\ & 2012 \end{aligned}$ | Sept. Oct. | $\begin{aligned} & \text { Aug. - } \\ & \text { Sept. } \end{aligned}$ | July Aug. | $\begin{gathered} \text { Oct. } \\ 2012^{p} \end{gathered}$ | Sept. $2012^{r}$ | $\begin{aligned} & \text { Aug. } \\ & 2012 \end{aligned}$ | $\begin{aligned} & \text { Oct. } \\ & 2011 \end{aligned}$ | $2012{ }^{\text {p }}$ | 2011 |  |
| SHIPMENTS |  |  |  |  |  |  |  |  |  |  |  |  |  |
| All manufacturing industries..... | 482,329 | 480,401 | 477,115 | 0.4 | 0.7 | -0.2 | 496,503 | 485,837 | 497,536 | 471,056 | 4,792,731 | 4,580,052 | 4.6 |
| Construction materials and supplies....... | 40,790 | 40,365 | 40,569 | 1.1 | -0.5 | 0.4 | 43,613 | 41,592 | 45,070 | 41,478 | 416,093 | 396,403 | 5.0 |
| Information technology....................... | 20,923 | 21,125 | 20,746 | -1.0 | 1.8 | -2.5 | 20,428 | 23,601 | 20,320 | 21,545 | 213,680 | 218,635 | -2.3 |
| Computers and related products.......... | 2,368 | 2,692 | 2,669 | -12.0 | 0.9 | -9.1 | 2,251 | 3,421 | 2,395 | 3,490 | 27,032 | 30,239 | -10.6 |
| Motor vehicle and parts....................... | 42,501 | 43,053 | 43,516 | -1.3 | -1.1 | -11.7 | 47,592 | 43,509 | 47,844 | 43,254 | 437,913 | 389,682 | 12.4 |
| Capital goods.. | 78,305 | 78,737 | 77,324 | -0.5 | 1.8 | -1.8 | 77,907 | 83,041 | 77,710 | 74,458 | 778,630 | 736,558 | 5.7 |
| Nondefense capital goods ${ }^{3}$. | 69,972 | 70,173 | 69,199 | -0.3 | 1.4 | -1.8 | 69,916 | 73,626 | 69,628 | 66,796 | 695,996 | 647,671 | 7.5 |
| Excluding aircraft............. | 62,778 | 62,850 | 63,065 | -0.1 | -0.3 | -1.1 | 63,386 | 65,834 | 63,448 | 61,528 | 634,796 | 602,645 | 5.3 |
| Defense capital goods ${ }^{4}$. | 8,333 | 8,564 | 8,125 | -2.7 | 5.4 | -1.5 | 7,991 | 9,415 | 8,082 | 7,662 | 82,634 | 88,887 | -7.0 |
| Consumer goods. | 212,057 | 210,519 | 208,943 | 0.7 | 0.8 | 1.4 | 217,851 | 210,384 | 217,433 | 204,826 | 2,064,840 | 1,974,038 | 4.6 |
| Consumer durable goods... | 34,479 | 35,559 | 35,572 | -3.0 | 0.0 | -5.3 | 37,606 | 36,287 | 37,937 | 34,157 | 352,839 | 312,388 | 12.9 |
| Consumer nondurable goods.. | 177,578 | 174,960 | 173,371 | 1.5 | 0.9 | 2.9 | 180,245 | 174,097 | 179,496 | 170,669 | 1,712,001 | 1,661,650 | 3.0 |
| NEW ORDERS |  |  |  |  |  |  |  |  |  |  |  |  |  |
| All manufacturing industries ${ }^{5}$. | 477,577 | 473,786 | 453,411 | 0.8 | 4.5 | -5.1 | 485,893 | 478,659 | 468,249 | 462,050 | 4,723,719 | 4,564,426 | 3.5 |
| Construction materials and supplies....... | 41,175 | 40,472 | 38,914 | 1.7 | 4.0 | -5.4 | 43,362 | 41,332 | 42,593 | 40,904 | 417,586 | 399,786 | 4.5 |
| Information technology ...................... | 20,871 | 20,574 | 20,898 | 1.4 | -1.6 | -3.2 | 19,966 | 24,246 | 19,622 | 22,423 | 219,465 | 220,093 | -0.3 |
| Computers and related products... | 2,386 | 2,718 | 2,724 | -12.2 | -0.2 | -4.4 | 2,269 | 3,447 | 2,450 | 3,491 | 27,083 | 30,126 | -10.1 |
| Motor vehicle and parts.............. | 42,359 | 42,746 | 43,497 | -0.9 | -1.7 | -11.7 | 47,408 | 43,310 | 47,592 | 43,145 | 436,202 | 389,123 | 12.1 |
| Capital goods. | 79,962 | 79,328 | 63,861 | 0.8 | 24.2 | -25.8 | 77,609 | 84,252 | 60,726 | 74,301 | 789,819 | 783,766 | 0.8 |
| Nondefense capital goods ${ }^{3}$. | 72,192 | 70,938 | 57,756 | 1.8 | 22.8 | -23.9 | 71,801 | 74,796 | 55,769 | 68,891 | 710,410 | 689,346 | 3.1 |
| Excluding aircraft............ | 61,728 | 60,013 | 60,305 | 2.9 | -0.5 | 0.3 | 62,553 | 62,971 | 58,394 | 66,456 | 633,129 | 632,549 | 0.1 |
| Defense capital goods ${ }^{4}$. | 7,770 | 8,390 | 6,105 | -7.4 | 37.4 | -40.0 | 5,808 | 9,456 | 4,957 | 5,410 | 79,409 | 94,420 | -15.9 |
| Consumer goods.. | 212,122 | 210,555 | 209,000 | 0.7 | 0.7 | 1.5 | 217,929 | 210,416 | 217,275 | 204,939 | 2,064,968 | 1,973,998 | 4.6 |
| Consumer durable goods................... | 34,544 | 35,595 | 35,629 | -3.0 | -0.1 | -5.1 | 37,684 | 36,319 | 37,779 | 34,270 | 352,967 | 312,348 | 13.0 |
| Consumer nondurable goods............. | 177,578 | 174,960 | 173,371 | 1.5 | 0.9 | 2.9 | 180,245 | 174,097 | 179,496 | 170,669 | 1,712,001 | 1,661,650 | 3.0 |
| UNFILLED ORDERS |  |  |  |  |  |  |  |  |  |  |  |  |  |
| All manufacturing industries ${ }^{5}$. | 982,945 | 980,124 | 979,304 | 0.3 | 0.1 | -1.7 | 970,132 | 970,400 | 970,768 | 928,844 | (X) | (X) | 4.4 |
| Construction materials and supplies....... | 56,139 | 55,754 | 55,647 | 0.7 | 0.2 | -2.9 | 55,290 | 55,541 | 55,801 | 54,226 | (X) | (X) | 2.0 |
| Information technology....................... | 135,522 | 135,574 | 136,125 | 0.0 | -0.4 | 0.1 | 134,829 | 135,291 | 134,646 | 129,414 | (x) | (X) | 4.2 |
| Computers and related products.......... | 1,207 | 1,189 | 1,163 | 1.5 | 2.2 | 5.0 | 1,207 | 1,189 | 1,163 | 1,151 | (X) | (X) | 4.9 |
| Motor vehicle and parts...................... | 15,982 | 16,124 | 16,431 | -0.9 | -1.9 | -0.1 | 15,407 | 15,591 | 15,790 | 15,984 | (X) | (X) | -3.6 |
| Capital goods. | 748,780 | 747,123 | 746,532 | 0.2 | 0.1 | -1.8 | 740,635 | 740,933 | 739,722 | 701,423 | (X) | (X) | 5.6 |
| Nondefense capital goods ${ }^{3}$. | 583,879 | 581,659 | 580,894 | 0.4 | 0.1 | -1.9 | 578,529 | 576,644 | 575,474 | 534,360 | (X) | (X) | 8.3 |
| Excluding aircraft....... | 233,949 | 234,999 | 237,836 | -0.4 | -1.2 | -1.1 | 231,740 | 232,573 | 235,436 | 231,014 | (X) | (X) | 0.3 |
| Defense capital goods ${ }^{4}$. | 164,901 | 165,464 | 165,638 | -0.3 | -0.1 | -1.2 | 162,106 | 164,289 | 164,248 | 167,063 | (X) | (X) | -3.0 |
| Consumer goods. | 4,070 | 4,005 | 3,969 | 1.6 | 0.9 | 1.5 | 3,875 | 3,797 | 3,765 | 3,597 | (X) | (X) | 7.7 |
| Consumer durable goods... | 4,070 | 4,005 | 3,969 | 1.6 | 0.9 | 1.5 | 3,875 | 3,797 | 3,765 | 3,597 | (X) | (X) | 7.7 |
| TOTAL INVENTORIES |  |  |  |  |  |  |  |  |  |  |  |  |  |
| All manufacturing industries......... | 615,950 | 615,453 | 611,959 | 0.1 | 0.6 | 0.6 | 618,736 | 614,642 | 615,526 | 600,610 | (X) | (X) | 3.0 |
| Construction materials and supplies....... | 59,361 | 59,174 | 59,062 | 0.3 | 0.2 | 0.0 | 59,000 | 59,092 | 59,350 | 57,942 | (X) | (X) | 1.8 |
| Information technology....................... | 39,339 | 39,262 | 39,206 | 0.2 | 0.1 | -0.1 | 39,728 | 38,930 | 39,995 | 39,759 | (x) | (x) | -0.1 |
| Computers and related products........... | 3,872 | 3,806 | 3,939 | 1.7 | -3.4 | -1.5 | 3,978 | 3,759 | 4,176 | 4,200 | (X) | (X) | -5.3 |
| Motor vehicle and parts.. | 25,676 | 25,290 | 25,155 | 1.5 | 0.5 | 0.9 | 25,941 | 25,231 | 25,434 | 24,601 | (X) | (X) | 5.4 |
| Capital goods........... | 194,357 | 193,808 | 193,524 | 0.3 | 0.1 | 0.9 | 194,668 | 192,435 | 195,898 | 180,710 | (X) | (X) | 7.7 |
| Nondefense capital goods ${ }^{3}$. | 173,476 | 172,744 | 171,930 | 0.4 | 0.5 | 0.8 | 173,877 | 171,598 | 174,471 | 159,948 | (X) | (X) | 8.7 |
| Excluding aircraft............. | 121,614 | 121,484 | 121,424 | 0.1 | 0.0 | 0.3 | 122,169 | 120,558 | 123,192 | 115,560 | (X) | (X) | 5.7 |
| Defense capital goods ${ }^{4}$. | 20,881 | 21,064 | 21,594 | -0.9 | -2.5 | 1.4 | 20,791 | 20,837 | 21,427 | 20,762 | (X) | (X) | 0.1 |
| Consumer goods. | 182,637 | 183,412 | 180,589 | -0.4 | 1.6 | 1.2 | 186,409 | 184,677 | 180,637 | 183,155 | (X) | (X) | 1.8 |
| Consumer durable goods. | 25,613 | 25,340 | 25,324 | 1.1 | 0.1 | 0.3 | 26,094 | 25,460 | 25,784 | 25,275 | (X) | ( $\times$ ) | 3.2 |
| Consumer nondurable goods....... | 157,024 | 158,072 | 155,265 | -0.7 | 1.8 | 1.3 | 160,315 | 159,217 | 154,853 | 157,880 | (X) | (X) | 1.5 |

X Not Applicable $\quad{ }^{\mathrm{p}}$ Preliminary $\quad{ }^{\mathrm{r}}$ Revised data due to late receipts and concurrent seasonal adjustment.
${ }^{1}$ Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjuste
estimates of shipments and new orders include adjusted data for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holiday and trading-day differences,
here appropriate, as well as seasonal variation, based on the results of the latest annual review of the model parameters. Estimates are not adjusted for price changi
${ }^{2}$ Topical series are regroupings of the separate industry categories
${ }^{3}$ Nondefense capital goods industries include: small arms and ordnance; farm machinery and equipment; construction machinery; mining, oil, and gas field machinery; industrial machin $\epsilon$
vending, laundry, and other machinery; photographic equipment; metalworking machinery; turbines and generators; other power transmission equipment; pumps and compresso
material handling equipment; all other machinery; electronic computers; computer storage devices; other computer peripheral equipment; communications equipment; search and navigati
equipment; electromedical, measuring, and control instruments; electrical equipment; other electrical equipment, appliances, and components; heavy duty trucks; aircraft; railroad rolling sto
ships and boats; office and institutional furniture; and medical equipment and supplie
Defense capital goods industries inclu
and search and navigation equipment.
${ }^{5}$ Estimates and percent changes exclude semiconductor industry data
${ }^{6}$ Based on year-to-date for shipments and new orders, but on same month prior year for unfilled orders and 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 Grour ${ }^{1}$
[Estimates are shown in millions of dollars and are based on data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

| Industry | Seasonally Adjusted |  |  |  |  |  | Not Seasonally Adjusted |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Monthly |  |  | Percent Change |  |  | Monthly |  |  |  | Percent Change Oct. 12/11 |
|  | $\begin{aligned} & \text { Oct. } \\ & 2012^{p} \end{aligned}$ | $\begin{aligned} & \text { Sept. } \\ & 2012^{r} \end{aligned}$ | $\begin{aligned} & \text { Aug. } \\ & 2012 \end{aligned}$ | Sept. Oct. | Aug. Sept. | $\begin{aligned} & \text { July - } \\ & \text { Aug. } \end{aligned}$ | $\begin{gathered} \text { Oct. } \\ 2012^{p} \end{gathered}$ | $\begin{aligned} & \text { Sept. } \\ & 2012^{\prime} \end{aligned}$ | $\begin{aligned} & \text { Aug. } \\ & 2012 \end{aligned}$ | $\begin{aligned} & \text { Oct. } \\ & 2011 \end{aligned}$ |  |
| MATERIALS AND SUPPLIES |  |  |  |  |  |  |  |  |  |  |  |
| All manufacturing industries...... | 203,988 | 204,091 | 203,358 | -0.1 | 0.4 | 0.4 | 203,970 | 203,778 | 203,632 | 197,114 | 3.5 |
| Durable goods industries....... | 121,565 | 121,273 | 120,817 | 0.2 | 0.4 | 0.5 | 121,535 | 121,204 | 121,544 | 115,466 | 5.3 |
| Wood products................................ | 3,573 | 3,585 | 3,622 | -0.3 | -1.0 | 1.0 | 3,732 | 3,683 | 3,618 | 3,515 | 6.2 |
| Nonmetallic mineral products................ | 4,582 | 4,624 | 4,688 | -0.9 | -1.4 | -0.2 | 4,557 | 4,612 | 4,686 | 4,534 | 0.5 |
| Primary metals.. | 13,231 | 12,929 | 12,833 | 2.3 | 0.7 | 0.7 | 13,328 | 13,019 | 12,881 | 13,460 | -1.0 |
| Fabricated metal products.. | 16,939 | 16,928 | 16,814 | 0.1 | 0.7 | 0.0 | 16,785 | 16,977 | 16,932 | 16,276 | 3.1 |
| Machinery... | 26,032 | 26,097 | 26,090 | -0.2 | 0.0 | 0.4 | 26,093 | 26,132 | 26,435 | 23,821 | 9.5 |
| Computers and electronic products........ | 17,748 | 17,725 | 17,463 | 0.1 | 1.5 | 1.1 | 17,804 | 17,582 | 17,553 | 16,527 | 7.7 |
| Electrical equipment, appliances, and components. | 6,954 | 6,808 | 6,809 | 2.1 | 0.0 | -0.6 | 6,818 | 6,631 | 6,870 | 6,486 | 5.1 |
| Transportation equipment........... | 21,770 | 21,859 | 21,710 | -0.4 | 0.7 | 1.4 | 21,699 | 21,876 | 21,698 | 20,207 | 7.4 |
| Furniture and related products.................Miscellaneous products............... | 2,973 | 2,959 | 2,963 | 0.5 | -0.1 | -0.6 | 2,945 | 2,955 | 2,982 | 2,869 | 2.6 |
|  | 7,763 | 7,759 | 7,825 | 0.1 | -0.8 | -0.4 | 7,774 | 7,737 | 7,889 | 7,771 | 0.0 |
| Nondurable goods industries.................... | 82,423 | 82,818 | 82,541 | -0.5 | 0.3 | 0.4 | 82,435 | 82,574 | 82,088 | 81,648 | 1.0 |
| Food products.................................. | 15,593 | 15,511 | 15,252 | 0.5 | 1.7 | 1.9 | 16,275 | 15,329 | 15,045 | 15,326 | 6.2 |
| Beverage and tobacco products................ | 4,908 | 4,910 | 4,946 | 0.0 | -0.7 | -0.1 | 4,937 | 4,738 | 4,714 | 4,647 | 6.2 |
| Textiles....................................... | 1,189 | 1,179 | 1,187 | 0.8 | -0.7 | -0.7 | 1,172 | 1,179 | 1,198 | 1,243 | -5.7 |
| Textile products............................... | 1,492 | 1,480 | 1,484 | 0.8 | -0.3 | -0.3 | 1,490 | 1,493 | 1,497 | 1,474 | 1.1 |
| Apparel....................................... | 837 | 805 | 763 | 4.0 | 5.5 | 1.2 | 843 | 826 | 773 | 662 | 27.3 |
| Leather and allied products.. | 266 | 269 | 271 | -1.1 | -0.7 | 6.7 | 268 | 277 | 279 | 262 | 2.3 |
| Paper products. | 6,918 | 6,959 | 6,979 | -0.6 | -0.3 | -1.3 | 6,918 | 6,970 | 6,986 | 7,033 | -1.6 |
| Printing ......... | 2,430 | 2,432 | 2,479 | -0.1 | -1.9 | -0.8 | 2,480 | 2,476 | 2,518 | 2,629 | -5.7 |
| Petroleum and coal products............... | 17,394 | 18,148 | 17,866 | -4.2 | 1.6 | 2.1 | 17,114 | 18,255 | 17,608 | 16,478 | 3.9 |
| Chemical products............................ | 22,668 | 22,469 | 22,718 | 0.9 | -1.1 | -1.1 | 22,384 | 22,403 | 22,820 | 23,405 | -4.4 |
| Plastics and rubber products. <br> WORK IN PROCESS | 8,728 | 8,656 | 8,596 | 0.8 | 0.7 | 0.2 | 8,554 | 8,628 | 8,650 | 8,489 | 0.8 |
|  |  |  |  |  |  |  |  |  |  |  |  |
| All manufacturing industries.................... | 190,256 | 190,714 | 188,931 | -0.2 | 0.9 | 0.7 | 192,061 | 188,852 | 189,508 | 185,143 | 3.7 |
| All manufacturing industries..................... Durable goods industries...................... | 144,754 | 144,375 | 144,197 | 0.3 | 0.1 | 0.6 | 144,939 | 143,469 | 145,861 | 137,260 | 5.6 |
| Wood products.... | 1,542 | 1,548 | 1,514 | -0.4 | 2.2 | -1.2 | 1,552 | 1,547 | 1,507 | 1,486 | 4.4 |
| Nonmetallic mineral products. | 1,395 | 1,390 | 1,384 | 0.4 | 0.4 | 1.2 | 1,335 | 1,365 | 1,368 | 1,238 | 7.8 |
| Primary metals.... | 10,988 | 10,932 | 10,964 | 0.5 | -0.3 | -1.3 | 10,804 | 10,898 | 11,253 | 11,129 | -2.9 |
| Fabricated metal products. | 13,587 | 13,472 | 13,546 | 0.9 | -0.5 | 0.4 | 13,700 | 13,522 | 13,723 | 12,866 | 6.5 |
| Machinery................... | 16,538 | 16,546 | 16,676 | 0.0 | -0.8 | -0.4 | 16,732 | 16,364 | 16,877 | 16,246 | 3.0 |
| Computers and electronic products........ | 15,536 | 15,984 | 15,893 | -2.8 | 0.6 | -1.1 | 15,659 | 15,787 | 16,126 | 17,587 | -11.0 |
| Electrical equipment, appliances, and components.. | 3,678 | 3,667 | 3,584 | 0.3 | 2.3 | 0.5 | 3,640 | 3,579 | 3,643 | 3,491 | 4.3 |
| Transportation equipment... | 77,074 | 76,429 | 76,236 | 0.8 | 0.3 | 1.6 | 77,059 | 75,984 | 76,913 | 68,993 | 11.7 |
| Furniture and related products.. | 1,040 | 1,036 | 1,022 | 0.4 | 1.4 | -1.4 | 1,030 | 1,035 | 1,028 | 977 | 5.4 |
| Miscellaneous products...................... | 3,376 | 3,371 | 3,378 | 0.1 | -0.2 | -0.7 | 3,428 | 3,388 | 3,423 | 3,247 | 5.6 |
| Nondurable goods industries.................... | 45,502 | 46,339 | 44,734 | -1.8 | 3.6 | 1.1 | 47,122 | 45,383 | 43,647 | 47,883 | -1.6 |
| Food products.................................. | 4,055 | 4,020 | 4,164 | 0.9 | -3.5 | 1.5 | 5,092 | 3,632 | 3,712 | 4,763 | 6.9 |
| Beverage and tobacco products................ | 6,276 | 6,068 | 5,922 | 3.4 | 2.5 | 0.7 | 6,773 | 5,823 | 5,322 | 6,272 | 8.0 |
| Textiles...................................... | 774 | 776 | 772 | -0.3 | 0.5 | 1.7 | 777 | 785 | 782 | 827 | -6.0 |
| Textile products............................... | 416 | 418 | 414 | -0.5 | 1.0 | -1.7 | 415 | 422 | 416 | 446 | -7.0 |
| Apparel....................................... | 390 | 393 | 389 | -0.8 | 1.0 | 1.3 | 388 | 408 | 415 | 362 | 7.2 |
| Leather and allied products.................... | 114 | 115 | 112 | -0.9 | 2.7 | -9.7 | 111 | 111 | 108 | 120 | -7.5 |
| Paper products.................................... | 1,285 | 1,269 | 1,248 | 1.3 | 1.7 | -0.1 | 1,272 | 1,269 | 1,265 | 1,361 | -6.5 |
| Printing .. | 1,191 | 1,199 | 1,243 | -0.7 | -3.5 | 0.6 | 1,296 | 1,245 | 1,342 | 1,406 | -7.8 |
| Petroleum and coal products............... | 13,934 | 14,550 | 13,275 | -4.2 | 9.6 | 5.3 | 13,877 | 14,304 | 13,072 | 14,428 | -3.8 |
| Chemical products..................................... | 14,782 | 15,243 | 14,896 | -3.0 | 2.3 | -1.7 | 14,858 | 15,096 | 14,915 | 15,734 | -5.6 |
|  | 2,285 | 2,288 | 2,299 | -0.1 | -0.5 | -1.8 | 2,263 | 2,288 | 2,298 | 2,164 | 4.6 |
| FINISHED GOODS |  |  |  |  |  |  |  |  |  |  |  |
| All manufacturing industries.................... | 221,706 | 220,648 | 219,670 | 0.5 | 0.4 | 0.8 | 222,705 | 222,012 | 222,386 | 218,353 | 2.0 |
| Durable goods industries...... | 108,154 | 107,172 | 106,938 | 0.9 | 0.2 | 0.6 | 108,019 | 106,361 | 108,258 | 103,008 | 4.9 |
| Wood products... | 3,966 | 3,925 | 3,837 | 1.0 | 2.3 | 0.8 | 3,893 | 3,874 | 3,799 | 3,755 | 3.7 |
| Nonmetallic mineral products. | 5,707 | 5,628 | 5,620 | 1.4 | 0.1 | 1.1 | 5,469 | 5,478 | 5,504 | 5,265 | 3.9 |
| Primary metals................... | 10,467 | 10,424 | 10,308 | 0.4 | 1.1 | 0.6 | 10,196 | 10,413 | 10,209 | 10,243 | -0.5 |
| Fabricated metal products. | 15,723 | 15,669 | 15,606 | 0.3 | 0.4 | 0.1 | 15,515 | 15,473 | 15,608 | 15,794 | -1.8 |
| Machinery.... | 24,326 | 24,347 | 24,231 | -0.1 | 0.5 | 1.6 | 23,856 | 23,873 | 24,240 | 21,325 | 11.9 |
| Computers and electronic products........ | 13,128 | 12,866 | 13,147 | 2.0 | -2.1 | 0.3 | 13,376 | 12,845 | 13,672 | 12,062 | 10.9 |
| Electrical equipment, appliances, and components.. | 5,103 | 5,079 | 5,042 | 0.5 | 0.7 | -0.1 | 5,200 | 5,038 | 5,137 | 5,071 | 2.5 |
| Transportation equipment....... | 14,926 | 14,407 | 14,244 | 3.6 | 1.1 | 1.0 | 15,347 | 14,385 | 14,921 | 14,014 | 9.5 |
| Furniture and related products. | 2,202 | 2,178 | 2,175 | 1.1 | 0.1 | 0.8 | 2,221 | 2,195 | 2,253 | 2,144 | 3.6 |
| Miscellaneous products........................ | 12,606 | 12,649 | 12,728 | -0.3 | -0.6 | -0.6 | 12,946 | 12,787 | 12,915 | 13,335 | -2.9 |
| Nondurable goods industries.................... | 113,552 | 113,476 | 112,732 | 0.1 | 0.7 | 0.9 | 114,686 | 115,651 | 114,128 | 115,345 | -0.6 |
| Food products................................... | 26,329 | 25,960 | 25,738 | 1.4 | 0.9 | 0.0 | 27,550 | 27,155 | 26,681 | 27,414 | 0.5 |
| Beverage and tobacco products................ | 7,801 | 7,750 | 7,598 | 0.7 | 2.0 | -1.1 | 7,989 | 7,979 | 7,759 | 7,428 | 7.6 |
| Textiles.................................. | 1,423 | 1,422 | 1,424 | 0.1 | -0.1 | -0.7 | 1,418 | 1,410 | 1,406 | 1,459 | -2.8 |
| Textile products... | 1,246 | 1,255 | 1,244 | -0.7 | 0.9 | -0.8 | 1,244 | 1,260 | 1,257 | 1,303 | -4.5 |
| Apparel... | 1,181 | 1,187 | 1,195 | -0.5 | -0.7 | 1.4 | 1,247 | 1,314 | 1,303 | 1,266 | -1.5 |
| Leather and allied products.. | 471 | 469 | 463 | 0.4 | 1.3 | 1.1 | 471 | 475 | 482 | 419 | 12.4 |
| Paper products................ | 5,776 | 5,786 | 5,902 | -0.2 | -2.0 | -0.5 | 5,734 | 5,788 | 5,890 | 5,931 | -3.3 |
| Printing | 1,625 | 1,634 | 1,636 | -0.6 | -0.1 | -0.1 | 1,649 | 1,632 | 1,640 | 1,571 | 5.0 |
| Petroleum and coal products. | 22,987 | 22,891 | 22,525 | 0.4 | 1.6 | 4.4 | 22,854 | 23,543 | 22,524 | 21,814 | 4.8 |
| Chemical products.............. | 34,072 | 34,560 | 34,540 | -1.4 | 0.1 | 0.4 | 33,944 | 34,570 | 34,746 | 36,178 | -6.2 |
| Plastics and rubber products................. | 10,641 | 10,562 | 10,467 | 0.7 | 0.9 | 0.2 | 10,586 | 10,525 | 10,440 | 10,562 | 0.2 |

${ }^{\mathrm{p}}$ Preliminary
'Revised data due to late receipts and concurrent seasonal adjustment.
${ }^{1}$ Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted

Table 7. Ratios of Manufacturers' Inventories to Shipments and Unfilled Orders to Shipments, by Industry Group ${ }^{3}$

| Industry | Inventory/Shipments ratio |  |  |  | Unfilled Orders/Shipments ratio ${ }^{1}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Oct } \\ 2012^{p} \end{gathered}$ | $\begin{gathered} \text { Sep } \\ 2012^{r} \end{gathered}$ | $\begin{aligned} & \text { Aug } \\ & 2012 \end{aligned}$ | $\begin{gathered} \text { Jul } \\ 2012 \end{gathered}$ | $\begin{gathered} \text { Oct } \\ 2012^{p} \end{gathered}$ | $\begin{gathered} \text { Sep } \\ 2012^{r} \end{gathered}$ | $\begin{gathered} \text { Aug } \\ 2012 \end{gathered}$ | $\begin{gathered} \text { Jul } \\ 2012 \end{gathered}$ |
| All manufacturing industries ${ }^{2}$........................ | 1.28 | 1.28 | 1.28 | 1.27 | (X) | (X) | (X) | (X) |
| Durable goods industries ${ }^{2}$.............................. | 1.68 | 1.67 | 1.67 | 1.61 | 6.25 | 6.24 | 6.28 | 6.23 |
| Wood products.. | 1.43 | 1.46 | 1.44 | 1.46 | (X) | (X) | (X) | (X) |
| Nonmetallic mineral products...................... | 1.43 | 1.43 | 1.44 | 1.44 | (X) | (X) | (X) | ( X ) |
| Primary metals......................................... | 1.24 | 1.21 | 1.22 | 1.21 | 1.14 | 1.11 | 1.13 | 1.17 |
| Fabricated metal products........................... | 1.70 | 1.69 | 1.69 | 1.69 | 3.16 | 3.16 | 3.16 | 3.16 |
| Machinery............................................ | 2.06 | 2.08 | 2.06 | 2.03 | 4.18 | 4.24 | 4.28 | 4.42 |
| Computers and electronic products ${ }^{2}$.............. | 1.66 | 1.66 | 1.69 | 1.63 | 7.50 | 7.46 | 7.67 | 7.56 |
| Electrical equipment, appliances, and components. | 1.60 | 1.59 | 1.56 | 1.55 | 2.35 | 2.36 | 2.38 | 2.36 |
| Transportation equipment........................... | 1.78 | 1.75 | 1.76 | 1.59 | 14.44 | 14.47 | 14.66 | 13.79 |
| Furniture and related products...................... | 1.14 | 1.14 | 1.15 | 1.16 | 1.38 | 1.38 | 1.37 | 1.38 |
| Miscellaneous products............................... | 1.75 | 1.72 | 1.74 | 1.77 | (X) | (X) | (X) | (X) |
| Nondurable goods industries.......................... | 0.93 | 0.94 | 0.94 | 0.96 | (X) | (X) | (X) | (X) |
| Food products......................................... | 0.75 | 0.75 | 0.74 | 0.74 | (X) | (X) | (X) | (X) |
| Beverage and tobacco products................... | 1.50 | 1.52 | 1.43 | 1.46 | (X) | (X) | (X) | (X) |
| Textiles.. | 1.36 | 1.37 | 1.37 | 1.37 | (X) | (X) | (X) | (X) |
| Textile products....................................... | 1.59 | 1.61 | 1.58 | 1.62 | (X) | (X) | (X) | (X) |
| Apparel.................................................. | 1.82 | 1.87 | 1.80 | 1.79 | (X) | (X) | (X) | (X) |
| Leather and allied products.. | 1.86 | 1.95 | 1.92 | 1.87 | (X) | (X) | (X) | (X) |
| Paper products......................................... | 1.00 | 1.01 | 1.02 | 1.03 | (X) | (X) | (X) | (X) |
| Printing.................................................. | 0.78 | 0.79 | 0.80 | 0.81 | (X) | (X) | (X) | (X) |
| Petroleum and coal products........................ | 0.69 | 0.72 | 0.72 | 0.74 | (X) | (X) | (X) | (X) |
| Chemical products... | 1.14 | 1.16 | 1.16 | 1.17 | (X) | (X) | (X) | (X) |
| Plastics and rubber products........................ | 1.24 | 1.24 | 1.24 | 1.24 | (X) | (X) | (X) | (X) |

X Not Applicable ${ }^{\mathrm{p}}$ Preliminary $\quad$ 'Revised data due to late receipts and concurrent seasonal adjustment.
${ }^{1}$ 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.
${ }^{2}$ Unfilled orders to shipments ratio excludes semiconductor manufacturing

Table 8. Revisions to Previously Published Monthly Percent Changes ${ }^{3}$
[Based on Seasonally Adjusted data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

| Industry | Shipments |  | New Orders |  | Unfilled Orders |  | Inventories |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { Oct }^{1} \\ & 2012 \\ & \hline \end{aligned}$ | $\begin{gathered} \text { Oct }^{2} \\ 2011- \\ \text { Sep } \\ 2012 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Oct }^{1} \\ 2012 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Oct }^{2} \\ 2011- \\ \text { Sep } \\ 2012 \\ \hline \end{gathered}$ | $\begin{aligned} & \text { Oct }^{1} \\ & 2012 \\ & \hline \end{aligned}$ | $\begin{gathered} \text { Oct }^{2} \\ 2011- \\ \text { Sep } \\ 2012 \\ \hline \end{gathered}$ | $\begin{aligned} & \text { Oct }^{1} \\ & 2012 \\ & \hline \end{aligned}$ | $\begin{gathered} \text { Oct }^{2} \\ 2011- \\ \text { Sep } \\ 2012 \\ \hline \end{gathered}$ |
| All manufacturing industries................ | (X) | 0.2 | (X) | 0.3 | (X) | 0.1 | (X) | 0.1 |
| Durable goods industries..................... | 0.2 | 0.2 | 0.5 | 0.4 | 0.1 | 0.1 | 0.0 | 0.1 |
| Wood products............................. | (X) | 0.7 | (X) | (NA) | (X) | (NA) | (X) | 0.3 |
| Nonmetallic mineral products............. | (X) | 0.7 | (X) | (NA) | (X) | (NA) | (X) | 0.2 |
| Primary metals............................... | 0.1 | 0.8 | -0.1 | 1.4 | -0.2 | 0.6 | 0.1 | 0.5 |
| Fabricated metal products.................. | 0.0 | 0.3 | -0.3 | 0.7 | -0.1 | 0.3 | 0.0 | 0.2 |
| Machinery..................................... | 0.6 | 0.8 | 1.7 | 1.2 | 0.2 | 0.2 | -0.1 | 0.2 |
| Computers and electronic products..... | -0.3 | 0.8 | -0.4 | 1.1 | 0.0 | 0.2 | 0.2 | 0.2 |
| Electrical equipment, appliances, and components. | 0.5 | 0.4 | 0.7 | 1.1 | 0.1 | 0.5 | 0.8 | 0.4 |
| Transportation equipment.................. | 0.3 | 0.3 | 0.8 | 1.4 | 0.1 | 0.2 | 0.0 | 0.2 |
| Furniture and related products............ | (X) | 0.4 | (X) | 0.7 | (X) | 0.6 | (X) | 0.4 |
| Miscellaneous products.................... | (X) | 0.7 | (X) | 0.7 | (X) | 0.5 | (X) | 0.4 |
| Nondurable goods industries................. | (X) | 0.4 | (X) | (NA) | (X) | (NA) | (X) | 0.1 |
| Food products............................... | (X) | 0.1 | (X) | (NA) | (X) | (NA) | (X) | 0.2 |
| Beverage and tobacco products........... | (X) | 0.8 | (X) | (NA) | (X) | (NA) | (X) | 0.3 |
| Textiles. | (X) | 0.4 | (X) | (NA) | (X) | (NA) | (X) | 0.3 |
| Textile products............................. | (X) | 0.6 | (X) | (NA) | (X) | (NA) | (X) | 0.3 |
| Apparel........................................ | (X) | 1.2 | (X) | (NA) | (X) | (NA) | (X) | 0.7 |
| Leather and allied products.................. | (X) | 0.8 | (X) | (NA) | (X) | (NA) | (X) | 0.6 |
| Paper products............................... | (X) | 0.2 | (X) | (NA) | (X) | (NA) | (X) | 0.2 |
| Printing........................................ | (X) | 0.8 | (X) | (NA) | (X) | (NA) | (X) | 0.6 |
| Petroleum and coal products............... | (X) | 1.1 | (X) | (NA) | (X) | (NA) | (X) | 0.5 |
| Chemical products............................. | (X) | 0.5 | (X) | (NA) | (X) | (NA) | (X) | 0.2 |
| Plastics and rubber products............... | (X) | 0.4 | (X) | (NA) | (X) | (NA) | (X) | 0.2 |

X Not Applicable NA Not Available
${ }^{1}$ The current month revisions are the difference between the advance percent change and the percent change as shown in this publication.
${ }^{2}$ 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. 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.
${ }^{3}$ Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted estimates of shipments and new orders include adjusted data for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holiday and trading-day differences, where appropriate, as well as seasonal variation, based on the results of the latest annual review of the model parameters. Estimates are not adjusted for price changes.

## 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-inprocess, and finished goods). The M3 includes approximately 4,300 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 65 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 4,300 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 4,300 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. Any corrections will be published in the full report.
Corrections received after the full report will be released in the next month's advance report. Any revisions made later than two months will be reflected in the annual benchmark publication.

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

## 2013 Release Dates for the M3 Survey

| Survey month | Advance Report <br> (8:30 a.m. release time) | Full Report <br> (10:00 a.m. release time) |
| :--- | :--- | :--- |
| October 2012 | November 27, 2012 | December 5, 2012 |
| November 2012 | December 24, 2012 | January 4, 2013 |
| December 2012 | January 28, 2013 | February 4, 2013 |
| January 2013 | February 27, 2013 | March 6, 2013 |
| February 2013 | March 26, 2013 | April 2, 2013 |
| March 2013 | April 24, 2013 | May 3, 2013 |
| April 2013 | May 24, 2013 | June 5, 2013 |
| May 2013 | June 25, 2013 | July 2, 2013 |
| June 2013 | July 25, 2013 | August 2, 2013 |
| July 2013 | August 26, 2013 | September 5, 2013 |
| August 2013 | September 25, 2013 | October 3, 2013 |
| September 2013 | October 25, 2013 | November 4, 2013 |
| October 2013 | November 27, 2013 | December 5, 2013 |
| November 2013 | December 24, 2013 | Not available at this time |


[^0]:    
     24, 2012, at 8:30 a.m. EST and the full report on January 4, 2013, at 10:00 a.m. EST. See back page for survey description and 2013 release schedule. To
    

[^1]:    ${ }^{\mathrm{p}}$ Preliminary $\quad{ }^{\mathrm{r}}$ Revised data due to late receipts and concurrent seasonal adjustment.
    ${ }^{1}$ Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted estimates of shipments and new orders include adjusted data for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holiday and trading-day differences, where appropriate, as well as seasonal variation, based on the results of the latest annual review of the model parameters. Estimates are not adjusted for price changes.
    ${ }^{2}$ Data on new orders are not available for the semiconductor industry. Estimates and percent changes for new orders exclude semiconductor industry data.
    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. For further details on survey design, methodology, and data limitations see [http://www.census.gov/manufacturing/m3/](http://www.census.gov/manufacturing/m3/).

