## 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 | | | | % Change |
| | Dec. 2016[p] | Nov. 2016[r] | Oct. 2016 | Nov. - Dec. | Oct. - Nov. | Sep. - Oct. | Dec. 2016[p] | Nov. 2016[r] | Oct. 2016 | Dec. 2015 | December 2016/ 2015 |
| All manufacturing industries | 625,585 | 625,011 | 621,711 | 0.1 | 0.5 | 0.1 | 609,286 | 625,743 | 626,435 | 608,314 | 0.2 |
| Excluding transportation | 502,038 | 501,027 | 497,919 | 0.2 | 0.6 | 0.1 | 489,677 | 501,376 | 502,249 | 486,958 | 0.6 |
| Excluding defense | 600,298 | 599,490 | 595,895 | 0.1 | 0.6 | 0.0 | 584,338 | 600,196 | 600,721 | 583,316 | 0.2 |
| With unfilled orders | 311,279 | 311,865 | 311,370 | -0.2 | 0.2 | -0.1 | 302,707 | 312,128 | 311,640 | 307,102 | -1.4 |
| Durable goods industries | 383,872 | 384,178 | 383,424 | -0.1 | 0.2 | -0.1 | 373,512 | 384,499 | 383,706 | 377,498 | -1.1 |
| Wood products | 11,704 | 11,575 | 11,462 | 1.1 | 1.0 | 0.5 | 11,589 | 11,570 | 11,404 | 11,123 | 4.2 |
| Nonmetallic mineral products | 13,035 | 13,083 | 13,139 | -0.4 | -0.4 | 0.1 | 12,752 | 12,690 | 12,817 | 12,652 | 0.8 |
| Primary metals | 31,643 | 31,656 | 31,558 | 0.0 | 0.3 | -0.2 | 31,533 | 31,550 | 31,554 | 33,208 | -5.0 |
| Iron and steel mills | 17,372 | 17,359 | 17,326 | 0.1 | 0.2 | 0.2 | 17,399 | 17,384 | 17,465 | 18,694 | -6.9 |
| Aluminum and nonferrous metals | 12,246 | 12,273 | 12,209 | -0.2 | 0.5 | -0.7 | 12,156 | 12,170 | 12,107 | 12,476 | -2.6 |
| Ferrous metal foundries | 2,025 | 2,024 | 2,023 | 0.0 | 0.0 | 0.5 | 1,978 | 1,996 | 1,982 | 2,038 | -2.9 |
| Fabricated metal products | 48,555 | 48,698 | 48,886 | -0.3 | -0.4 | -0.1 | 47,785 | 48,294 | 48,607 | 48,341 | -1.2 |
| Machinery | 66,305 | 65,996 | 65,390 | 0.5 | 0.9 | -0.6 | 63,891 | 66,480 | 65,388 | 64,750 | -1.3 |
| Farm machinery | 3,250 | 3,230 | 3,144 | 0.6 | 2.7 | 3.1 | 3,369 | 3,302 | 2,836 | 3,358 | 0.3 |
| Construction machinery | 5,302 | 5,384 | 5,404 | -1.5 | -0.4 | -1.4 | 5,191 | 5,375 | 5,475 | 5,663 | -8.3 |
| Mining, oil field, and gas field machinery | 7,677 | 7,483 | 7,344 | 2.6 | 1.9 | -0.6 | 7,357 | 7,381 | 7,249 | 7,355 | 0.0 |
| Industrial machinery | 6,572 | 6,484 | 6,337 | 1.4 | 2.3 | -1.8 | 6,423 | 6,582 | 6,351 | 6,240 | 2.9 |
| Photographic equipment | 1,612 | 1,603 | 1,607 | 0.6 | -0.2 | 1.1 | 1,543 | 1,650 | 1,626 | 1,488 | 3.7 |
| Ventilation, heating, air-conditioning, and refrigeration equipment | 4,632 | 4,604 | 4,535 | 0.6 | 1.5 | -1.0 | 4,265 | 4,532 | 4,456 | 4,192 | 1.7 |
| Metalworking machinery | 5,745 | 5,727 | 5,763 | 0.3 | -0.6 | 0.6 | 5,594 | 5,785 | 5,815 | 5,514 | 1.5 |
| Turbines, generators, and other power transmission equipment | 9,318 | 9,168 | 9,020 | 1.6 | 1.6 | -2.7 | 8,747 | 9,418 | 9,322 | 9,251 | -5.4 |
| Material handling equipment | 4,624 | 4,633 | 4,674 | -0.2 | -0.9 | 0.4 | 4,307 | 4,710 | 4,809 | 4,160 | 3.5 |
| Computers and electronic products[2] | 42,432 | 42,550 | 42,508 | -0.3 | 0.1 | 0.1 | 40,954 | 42,759 | 42,729 | 41,151 | -0.5 |
| Computers | 1,825 | 1,669 | 1,596 | 9.3 | 4.6 | -1.4 | 1,641 | 1,650 | 1,599 | 1,301 | 26.1 |
| Computer storage devices | 1,026 | 944 | 942 | 8.7 | 0.2 | -6.1 | 973 | 987 | 994 | 949 | 2.5 |
| Other peripheral equipment | 1,030 | 1,035 | 1,015 | -0.5 | 2.0 | -1.1 | 960 | 1,079 | 1,007 | 1,005 | -4.5 |
| Nondefense communications equipment | 3,737 | 3,906 | 3,923 | -4.3 | -0.4 | 0.0 | 3,600 | 4,044 | 3,956 | 3,933 | -8.5 |
| Defense communications equipment | 554 | 553 | 556 | 0.2 | -0.5 | 1.3 | 554 | 553 | 556 | 646 | -14.2 |
| Audio and video equipment | 784 | 691 | 664 | 13.5 | 4.1 | -1.6 | 770 | 740 | 760 | 725 | 6.2 |
| Electronic components | 7,666 | 7,852 | 7,770 | -2.4 | 1.1 | 1.0 | 7,411 | 7,743 | 7,733 | 7,343 | 0.9 |
| Nondefense search and navigation equipment | 3,043 | 3,083 | 3,074 | -1.3 | 0.3 | -0.3 | 2,966 | 3,050 | 3,125 | 3,005 | -1.3 |
| Defense search and navigation equipment | 3,134 | 3,107 | 3,080 | 0.9 | 0.9 | 0.0 | 3,038 | 3,058 | 3,037 | 2,734 | 11.1 |
| Electromedical, measuring and control instruments | 14,011 | 14,063 | 14,175 | -0.4 | -0.8 | 0.2 | 13,493 | 14,373 | 14,250 | 13,888 | -2.8 |
| Electrical equipment, appliances, and components | 16,217 | 16,217 | 16,241 | 0.0 | -0.1 | -0.7 | 15,558 | 16,128 | 16,284 | 15,805 | -1.6 |
| Electric lighting equipment | 2,000 | 2,006 | 2,035 | -0.3 | -1.4 | -0.3 | 1,919 | 1,988 | 2,042 | 1,882 | 2.0 |
| Household appliances | 2,211 | 2,219 | 2,225 | -0.4 | -0.3 | -0.9 | 1,992 | 2,149 | 2,275 | 2,052 | -2.9 |
| Electrical equipment | 4,740 | 4,761 | 4,786 | -0.4 | -0.5 | -1.5 | 4,624 | 4,824 | 4,768 | 4,872 | -5.1 |
| Batteries | 1,295 | 1,305 | 1,304 | -0.8 | 0.1 | -1.8 | 1,191 | 1,270 | 1,327 | 1,252 | -4.9 |
| Transportation equipment | 123,547 | 123,984 | 123,792 | -0.4 | 0.2 | 0.1 | 119,609 | 124,367 | 124,186 | 121,356 | -1.4 |
| Automobiles | 4,297 | 4,274 | 4,203 | 0.5 | 1.7 | -2.3 | 4,016 | 4,324 | 4,367 | 4,321 | -7.1 |
| Light trucks and utility vehicles | 4,220 | 4,312 | 4,368 | -2.1 | -1.3 | -1.1 | 3,746 | 4,478 | 4,556 | 3,966 | -5.5 |
| Heavy duty trucks | 2,090 | 2,019 | 1,919 | 3.5 | 5.2 | 2.2 | 1,960 | 2,004 | 1,926 | 2,049 | -4.3 |
| Motor vehicle bodies, parts, and trailers | 24,114 | 24,245 | 24,026 | -0.5 | 0.9 | 0.3 | 23,582 | 24,245 | 23,973 | 23,344 | 1.0 |
| Nondefense aircraft and parts | 62,655 | 62,811 | 62,622 | -0.2 | 0.3 | -0.2 | 60,578 | 62,748 | 62,600 | 61,877 | -2.1 |
| Defense aircraft and parts | 11,021 | 11,140 | 11,220 | -1.1 | -0.7 | 1.2 | 10,841 | 11,145 | 11,206 | 11,084 | -2.2 |
| Ships and boats | 2,816 | 2,853 | 2,861 | -1.3 | -0.3 | 0.2 | 2,815 | 2,871 | 2,836 | 2,632 | 7.0 |
| Furniture and related products | 7,225 | 7,198 | 7,219 | 0.4 | -0.3 | 0.7 | 7,022 | 7,207 | 7,209 | 6,891 | 1.9 |
| Miscellaneous durable goods | 23,209 | 23,221 | 23,229 | -0.1 | 0.0 | 0.3 | 22,819 | 23,454 | 23,528 | 22,221 | 2.7 |
| Nondurable goods industries | 241,713 | 240,833 | 238,287 | 0.4 | 1.1 | 0.3 | 235,774 | 241,244 | 242,729 | 230,816 | 2.1 |
| Food products | 53,825 | 53,815 | 53,407 | 0.0 | 0.8 | -0.4 | 53,384 | 56,105 | 57,025 | 52,449 | 1.8 |
| Grain and oilseed milling | 5,939 | 5,840 | 5,814 | 1.7 | 0.4 | 0.5 | 6,113 | 6,188 | 6,352 | 5,924 | 3.2 |
| Dairy products | 7,699 | 7,727 | 7,397 | -0.4 | 4.5 | -0.2 | 7,198 | 7,419 | 7,376 | 6,978 | 3.2 |
| Meat, poultry, and seafood products | 8,786 | 8,802 | 8,834 | -0.2 | -0.4 | -0.5 | 8,529 | 9,033 | 9,101 | 8,790 | -3.0 |
| Beverage and tobacco products | 20,567 | 20,490 | 20,475 | 0.4 | 0.1 | -0.6 | 20,574 | 20,960 | 21,209 | 20,613 | -0.2 |
| Beverages | 16,814 | 16,693 | 16,659 | 0.7 | 0.2 | -0.6 | 16,664 | 16,987 | 17,309 | 16,526 | 0.8 |
| Tobacco | 3,753 | 3,797 | 3,816 | -1.2 | -0.5 | -0.7 | 3,910 | 3,973 | 3,900 | 4,087 | -4.3 |
| Textile mills | 3,174 | 3,169 | 3,177 | 0.2 | -0.3 | -0.2 | 3,118 | 3,136 | 3,175 | 3,052 | 2.2 |
| Textile products | 3,076 | 3,070 | 3,066 | 0.2 | 0.1 | 0.4 | 2,995 | 3,041 | 3,056 | 2,988 | 0.2 |
| Apparel | 2,406 | 2,448 | 2,479 | -1.7 | -1.3 | -0.2 | 2,263 | 2,382 | 2,540 | 2,355 | -3.9 |
| Leather and allied products | 781 | 785 | 786 | -0.5 | -0.1 | 0.3 | 773 | 788 | 789 | 809 | -4.4 |
| Paper products | 16,052 | 16,124 | 16,141 | -0.4 | -0.1 | -0.1 | 15,896 | 16,011 | 16,002 | 16,381 | -3.0 |
| Pulp, paper, and paperboard mills | 6,629 | 6,631 | 6,633 | 0.0 | 0.0 | -0.2 | 6,612 | 6,556 | 6,520 | 6,840 | -3.3 |
| Paperboard containers | 5,048 | 5,117 | 5,115 | -1.3 | 0.0 | 0.0 | 5,019 | 5,081 | 5,085 | 5,178 | -3.1 |
| Printing | 6,015 | 5,957 | 5,908 | 1.0 | 0.8 | 0.7 | 5,750 | 5,925 | 6,105 | 5,711 | 0.7 |
| Petroleum and coal products | 28,868 | 27,668 | 25,543 | 4.3 | 8.3 | 2.3 | 27,323 | 27,011 | 26,976 | 23,602 | 15.8 |
| Petroleum refineries | 24,381 | 23,193 | 20,963 | 5.1 | 10.6 | 2.8 | 22,880 | 22,639 | 22,523 | 19,042 | 20.2 |
| Chemical products | 81,478 | 81,761 | 81,701 | -0.3 | 0.1 | 0.4 | 78,978 | 80,710 | 80,620 | 78,524 | 0.6 |
| Pesticides, fertilizers, and other agricultural chemicals | 4,189 | 4,168 | 4,232 | 0.5 | -1.5 | 0.5 | 4,365 | 4,191 | 4,067 | 4,598 | -5.1 |
| Pharmaceuticals and medicines | 32,461 | 32,621 | 32,578 | -0.5 | 0.1 | -0.2 | 30,883 | 32,077 | 32,231 | 30,484 | 1.3 |
| Paints, coatings, and adhesives | 3,802 | 3,783 | 3,760 | 0.5 | 0.6 | 0.2 | 3,643 | 3,641 | 3,621 | 3,456 | 5.4 |
| Plastics and rubber products | 25,471 | 25,546 | 25,604 | -0.3 | -0.2 | 0.8 | 24,720 | 25,175 | 25,232 | 24,332 | 1.6 |

[p] Preliminary [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] Estimates of inventories for the semiconductor industry data are included in computers and electronic products, and all other applicable aggregate totals.

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