

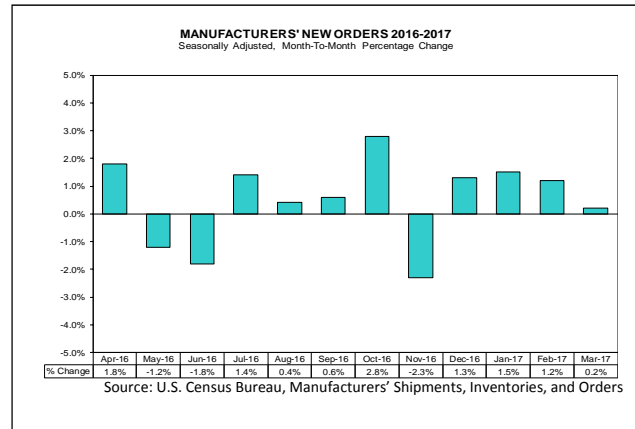
FOR RELEASE AT 10:00 AM EDT, THURSDAY, MAY 4, 2017

MONTHLY FULL REPORT ON MANUFACTURERS' SHIPMENTS, INVENTORIES AND ORDERS MARCH 2017

Release Number: CB 17-61 M3-2 (17)-03

May 4, 2017 — The U.S. Census Bureau announces the March full report on manufacturers' shipments, inventories and orders:

MANUFACTURED GOODS – NEW ORDERS		
MARCH 2017	\$478.2 billion	+0.2%°
FEBRUARY 2017 (revised)	\$477.4 billion	+1.2%°
Next release: June 5, 2017		
<small>Data adjusted for seasonal variation but not for price changes. Source: U.S. Census Bureau, Manufacturers' Shipments, Inventories and Orders. °Statistical significance is not measurable for this survey. The Manufacturers' Shipments, Inventories, and Orders estimates are not based on a probability sample, so the sampling error of these estimates cannot be measured nor can the confidence intervals be computed.</small>		



Summary

New orders for manufactured goods in March, up eight of the last nine months, increased \$0.8 billion or 0.2 percent to \$478.2 billion, the U.S. Census Bureau reported today. This followed a 1.2 percent February increase. Shipments, down following seven consecutive monthly increases, decreased \$0.5 billion or 0.1 percent to \$478.8 billion. This followed a 0.2 percent February increase. Unfilled orders, up two consecutive months, increased \$2.9 billion or 0.3 percent to \$1,119.6 billion. This followed a 0.1 percent February increase. The unfilled orders-to-shipments ratio was 6.52, down from 6.54 in February. Inventories, down following five consecutive monthly increases, decreased \$0.1 billion or virtually unchanged to \$629.7 billion. This followed a 0.2 percent February increase. The inventories-to-shipments ratio was 1.32, up from 1.31 in February.

New Orders

New orders for manufactured durable goods in March, up three consecutive months, increased \$2.1 billion or 0.9 percent to \$239.4 billion, up from the previously published 0.7 percent increase. This followed a 2.4 percent February increase. Transportation equipment, also up three consecutive months, drove the increase, \$2.2 billion or 2.6 percent to \$83.6 billion. New orders for manufactured nondurable goods decreased \$1.3 billion or 0.5 percent to \$238.7 billion.

Data Inquiries

Economic Indicators Division, Shipments, Inventories, and Orders Branch (M3)
301-763-4832
eid.m3.qs@census.gov

Media Inquiries

Public Information Office
301-763-3030
pio@census.gov



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

Shipments

Shipments of manufactured durable goods in March, up four of the last five months, increased \$0.7 billion or 0.3 percent to \$240.1 billion, up from the previously published 0.2 percent increase. This followed a 0.3 percent February increase. Transportation equipment, up following two consecutive monthly decreases, led the increase, \$0.4 billion or 0.4 percent to \$81.6 billion. Shipments of manufactured nondurable goods, down following seven consecutive monthly increases, decreased \$1.3 billion or 0.5 percent to \$238.7 billion. This followed a virtually unchanged February increase. Petroleum and coal products, down two consecutive months, led the decrease, \$1.2 billion or 2.7 percent to \$43.6 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in March, up two consecutive months, increased \$2.9 billion or 0.3 percent to \$1,119.6 billion, up from the previously published 0.2 percent increase. This followed a 0.1 percent February increase. Transportation equipment, also up two consecutive months, led the increase, \$2.0 billion or 0.3 percent to \$756.0 billion.

Inventories

Inventories of manufactured durable goods in March, up four of the last five months, increased \$0.7 billion or 0.2 percent to \$386.0 billion, up from the previously published 0.1 percent increase. This followed a 0.2 percent February increase. Primary metals, up five consecutive months, led the increase, \$0.4 billion or 1.3 percent to \$32.6 billion. Inventories of manufactured nondurable goods, down following five consecutive monthly increases, decreased \$0.8 billion or 0.3 percent to \$243.7 billion. This followed a virtually unchanged February increase. Petroleum and coal products, down two consecutive months, led the decrease, \$0.8 billion or 2.7 percent to \$29.5 billion. By stage of fabrication, March materials and supplies increased 0.5 percent in durable goods and increased 0.3 percent in nondurable goods. Work in process decreased 0.1 percent in durable goods and decreased 2.4 percent in nondurable goods. Finished goods increased 0.1 percent in durable goods and in nondurable goods.

The Advance Report on durable goods for April is scheduled for release on May 26, 2017 at 8:30 a.m. EDT and the Full Report on June 5, 2017 at 10:00 a.m. EDT. View the full schedule in the Economic Briefing Room: <www.census.gov/economic-indicators/>. The full text and tables of this release can be found at <www.census.gov/m3>.

Data Inquiries

Economic Indicators Division, Shipments, Inventories, and Orders Branch (M3)
301-763-4832
eid.m3.qs@census.gov

Media Inquiries

Public Information Office
301-763-3030
pio@census.gov



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

EXPLANATORY NOTES

Figures in text are adjusted for seasonality, but not for inflation. Figures on new and unfilled orders exclude data for semiconductor manufacturing.

“Virtually unchanged” indicates that the change is less than 0.05 percent for a percent increase or decrease.

Description of the survey

This report is compiled from results of the U.S. Census Bureau’s Manufacturers’ Shipments, Inventories, and Orders (M3) survey, which is a voluntary survey authorized by Title 13 of the United States Code. This survey provides statistics on a calendar-month basis for 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). Data published from the M3 survey are based on a panel of approximately 4,800 reporting units that represent approximately 3,000 companies and provide an indication of month-to-month change for the Manufacturing Sector. These reporting units may be divisions of diversified large companies, large homogenous companies, or single-unit manufacturers in 92 industry categories, which are combined into 65 publication levels due to the small monthly panel size. The survey methodology assumes that the month-to-month changes of the total operations of the reporting units in the M3 panel effectively represent the month-to-month movements of all establishments that make up the category. The companies for which shipments data are currently reported or imputed in the M3 survey represent approximately 61 percent of the total value of shipments for manufacturing establishments in the 2012 Economic Census, and these companies include almost two-thirds of the manufacturing companies with \$500 million or more in shipments in the 2012 Economic Census. The companies for which shipments data are currently reported in the M3 survey represent approximately 54 percent of the total value of shipments for manufacturing establishments in the 2012 Economic Census. Statistics based on the M3 panel differ from the results that would be obtained from a complete enumeration of all manufacturing companies. The M3 panel is not based on 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:

www.census.gov/manufacturing/m3/how_the_data_are_collected/index.html.

Data Inquiries

Economic Indicators Division, Shipments, Inventories, and Orders Branch (M3)
301-763-4832
eid.m3.qs@census.gov

Media Inquiries

Public Information Office
301-763-3030
pio@census.gov



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

Benchmark notice

Revised historical data from the Manufacturers' Shipments, Inventories, and Orders (M3) Survey will be issued on May 18, 2017. These revisions result from:

- benchmarking the M3 shipments and inventories data to the 2015 Annual Survey of Manufactures (ASM) and revised 2014 ASM data on a 2012 NAICS basis;
- incorporating the unfilled orders to shipments ratios obtained from the 2015/2014 Manufacturers' Unfilled Orders (M3UFO) Survey by applying these ratios to the respective ASM shipments data, as well as incorporating revised unfilled orders to shipments ratios for prior years by applying them to the respective ASM data;
- adjusting the new orders data to be consistent with the benchmarked shipments and unfilled orders data;
- correcting monthly data for late receipts, reclassifications of reported data, and revisions to previously reported data;
- updating the seasonally adjusted data based on the results of benchmarking and the recent annual review of the seasonal adjustment models.

These revisions will span the seasonally adjusted data for January 2002 through March 2017 and the data not seasonally adjusted for January 2007 through March 2017. An updated Press Release will contain revised monthly tables for January 2017 through March 2017. Please call M3 staff on (301) 763-4832 with any questions.

America's Economy Mobile App

The America's Economy app provides real-time updates for 19 key economic indicators released from the Census Bureau, Bureau of Labor Statistics, and Bureau of Economic Analysis.

www.census.gov/mobile/economy/.

API

The Census Bureau's application programming interface (API) lets developers create custom apps to reach new users and makes key demographic, socio-economic and housing statistics more accessible than ever before.

www.census.gov/developers/.

-X-

Data Inquiries

Economic Indicators Division, Shipments, Inventories, and Orders Branch (M3)
301-763-4832
eid.m3.qs@census.gov

Media Inquiries

Public Information Office
301-763-3030
pio@census.gov



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

Table 1. Value of Manufacturers' Shipments for Industry Groups¹

[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		% Change 2017/ 2016
	Mar. 2017 ^p	Feb. 2017 ^r	Jan. 2017	Feb. - Mar.	Jan. - Feb.	Dec. - Jan.	Mar. 2017 ^p	Feb. 2017 ^r	Jan. 2017	Mar. 2016	2017 ^p	2016	
All manufacturing industries.....	478,815	479,354	478,581	-0.1	0.2	0.3	510,168	445,216	436,906	486,063	1,392,290	1,331,806	4.5
Excluding transportation.....	397,191	398,089	396,828	-0.2	0.3	0.4	416,352	367,498	366,934	394,581	1,150,784	1,090,423	5.5
Excluding defense.....	465,472	465,861	465,677	-0.1	0.0	0.3	494,710	432,527	426,669	471,488	1,353,906	1,295,736	4.5
With unfilled orders.....	171,654	170,834	169,647	0.5	0.7	0.1	189,073	158,905	150,023	179,502	498,001	480,581	3.6
Durable goods industries.....	240,069	239,334	238,622	0.3	0.3	0.0	263,393	222,982	212,209	253,239	698,584	682,985	2.3
Wood products.....	9,081	9,161	8,951	-0.9	2.3	0.6	9,148	8,226	7,572	8,443	24,946	22,778	9.5
Nonmetallic mineral products.....	10,307	10,240	10,101	0.7	1.4	0.4	10,366	8,740	8,669	9,917	27,775	27,003	2.9
Primary metals.....	18,941	18,780	18,621	0.9	0.9	0.6	20,355	18,029	18,184	18,839	56,566	53,462	5.8
Iron and steel mills.....	8,764	8,681	8,514	1.0	2.0	1.9	9,241	8,269	8,391	8,244	25,901	23,883	8.4
Aluminum and nonferrous metals.....	8,743	8,665	8,675	0.9	-0.1	-0.6	9,561	8,397	8,484	8,973	26,442	25,048	5.6
Ferrous metal foundries.....	1,434	1,434	1,432	0.0	0.1	-0.1	1,553	1,363	1,309	1,622	4,225	4,531	-6.8
Fabricated metal products.....	31,538	31,572	31,362	-0.1	0.7	1.2	32,975	29,456	29,044	30,794	91,475	86,618	5.6
Machinery.....	31,360	31,129	30,849	0.7	0.9	-1.0	35,375	29,348	27,194	34,160	91,917	90,903	1.1
Farm machinery.....	1,855	1,860	1,819	-0.3	2.3	-2.4	2,409	2,097	1,680	2,244	6,186	6,009	2.9
Construction machinery.....	2,778	2,770	2,722	0.3	1.8	6.5	3,276	2,665	2,303	3,302	8,244	8,575	-3.9
Mining, oil field, and gas field machinery.....	957	941	895	1.7	5.1	8.7	1,025	884	833	1,310	2,742	3,524	-22.2
Industrial machinery.....	2,447	2,528	2,454	-3.2	3.0	-3.6	2,841	2,223	2,003	2,810	7,067	7,098	-0.4
Photographic equipment.....	427	423	429	0.9	-1.4	3.4	504	358	355	518	1,217	1,251	-2.7
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,659	3,600	3,545	1.6	1.6	0.7	4,046	2,955	2,845	3,774	9,846	9,594	2.6
Metaworking machinery.....	3,401	3,403	3,315	-0.1	2.7	-0.7	3,666	2,982	2,944	3,271	9,592	8,753	9.6
Turbines, generators, and other power transmission equipment.....	4,086	3,974	3,962	2.8	0.3	-11.1	4,267	3,957	3,767	4,106	11,991	11,846	1.2
Material handling equipment.....	3,145	3,124	3,088	0.7	1.2	1.2	3,469	2,921	2,746	3,128	9,136	8,724	4.7
Computers and electronic products ²	27,971	28,071	28,071	-0.4	0.0	0.2	30,276	24,324	25,141	28,942	79,741	75,773	5.2
Computers.....	620	620	617	0.0	0.5	5.5	674	464	517	620	1,655	1,659	-0.2
Computer storage devices.....	562	599	576	-6.2	4.0	9.1	832	388	390	789	1,610	1,540	4.5
Other peripheral equipment.....	549	620	628	-11.5	-1.3	7.0	693	487	441	857	1,621	1,930	-16.0
Nondefense communications equipment.....	3,273	3,184	3,209	2.8	-0.8	-2.8	3,808	2,586	2,514	3,588	8,908	8,537	4.3
Defense communications equipment.....	277	280	268	-1.1	4.5	1.1	292	277	223	295	792	842	-5.9
Audio and video equipment.....	410	399	415	2.8	-3.9	1.7	395	337	351	327	1,083	920	17.7
Electronic components.....	5,115	5,049	4,854	1.3	4.0	-0.4	5,342	4,410	4,243	4,837	13,995	13,077	7.0
Nondefense search and navigation equipment.....	1,466	1,454	1,447	0.8	0.5	-4.7	1,725	1,367	1,258	1,648	4,350	4,139	5.1
Defense search and navigation equipment.....	2,667	2,715	2,704	-1.8	0.4	3.5	2,855	2,574	2,204	2,716	7,633	7,137	6.9
Electromedical, measuring, and control instruments.....	9,242	9,337	9,215	-1.0	1.3	0.6	10,307	8,390	7,803	10,060	26,500	25,729	3.0
Electrical equipment, appliances, and components.....	9,801	9,705	9,569	1.0	1.4	-0.7	10,423	8,830	8,503	9,919	27,756	27,325	1.6
Electric lighting equipment.....	1,071	1,065	1,043	0.6	2.1	0.6	1,100	985	934	1,084	3,019	3,063	-1.4
Household appliances.....	1,329	1,320	1,348	0.7	-2.1	-3.6	1,444	1,158	1,104	1,499	3,706	4,000	-7.4
Electrical equipment.....	2,867	2,862	2,896	0.2	-1.2	-0.7	3,224	2,632	2,537	3,305	8,393	8,721	-3.8
Batteries.....	772	779	790	-0.9	-1.4	1.2	758	680	710	788	2,148	2,233	-3.8
Transportation equipment.....	81,624	81,265	81,753	0.4	-0.6	-0.4	93,816	77,718	69,972	91,482	241,506	241,383	0.1
Automobiles.....	8,150	8,180	8,872	-0.4	-7.8	-0.1	9,099	7,956	8,103	11,107	25,158	31,268	-19.5
Light trucks and utility vehicles.....	16,246	16,239	16,239	0.0	0.0	-1.2	18,794	16,145	13,951	17,102	48,890	46,545	5.0
Heavy duty trucks.....	2,156	2,108	2,021	2.3	4.3	-0.6	2,429	1,910	1,747	2,576	6,086	6,919	-12.0
Motor vehicle bodies, parts, and trailers.....	29,279	29,527	29,457	-0.8	0.2	0.4	32,617	29,379	26,933	30,121	88,929	82,868	7.6
Nondefense aircraft and parts.....	13,024	12,449	13,048	4.6	-4.6	0.4	15,887	10,474	9,840	16,038	36,201	37,963	-4.3
Defense aircraft and parts.....	4,442	4,367	3,967	1.7	10.1	-5.1	5,487	3,770	2,867	5,687	12,124	12,849	-5.6
Ships and boats.....	3,169	3,132	3,050	1.2	2.7	-3.3	3,409	3,022	2,475	3,318	8,906	8,898	0.1
Furniture and related products.....	6,423	6,424	6,415	0.0	0.1	0.5	6,600	6,163	5,988	6,477	18,751	18,471	1.5
Miscellaneous durable goods.....	13,023	12,987	12,930	0.3	0.4	-0.2	14,059	12,148	11,942	14,266	38,149	39,269	-2.9
Nondurable goods industries.....	238,746	240,020	239,959	-0.5	0.0	0.6	246,775	222,234	224,697	232,824	693,706	648,821	6.9
Food products.....	66,899	66,726	66,627	0.3	0.1	0.6	68,341	64,059	64,465	65,947	196,865	191,464	2.8
Grain and oilseed milling.....	8,173	8,284	8,260	-1.3	0.3	0.7	8,273	7,947	8,238	8,278	24,458	24,047	1.7
Dairy products.....	9,548	9,735	9,668	-1.9	0.7	-0.2	9,760	9,020	9,453	9,386	28,233	26,904	4.9
Meat, poultry, and seafood products.....	18,526	17,993	18,280	3.0	-1.6	1.5	18,678	17,232	17,400	18,006	53,310	52,383	1.8
Beverage and tobacco products.....	12,362	12,234	12,242	1.0	-0.1	-1.3	12,524	11,139	10,987	12,515	34,650	34,252	1.2
Beverages.....	9,071	9,188	9,237	-1.3	-0.5	1.1	9,233	8,093	7,982	9,489	25,308	25,794	-1.9
Tobacco.....	3,291	3,046	3,005	8.0	1.4	-7.8	3,291	3,046	3,005	3,026	9,342	8,458	10.5
Textile mills.....	2,584	2,640	2,620	-2.1	0.8	1.1	2,744	2,548	2,411	2,652	7,703	7,472	3.1
Textile products.....	2,073	2,069	2,087	0.2	-0.9	-1.7	2,173	2,025	1,887	2,047	6,085	5,818	4.6
Apparel.....	1,075	1,094	1,121	-1.7	-2.4	4.7	1,002	1,039	1,005	974	3,046	2,873	6.0
Leather and allied products.....	338	345	353	-2.0	-2.3	-0.3	355	343	327	353	1,025	1,018	0.7
Paper products.....	15,513	15,365	15,302	1.0	0.4	-0.8	16,009	14,285	14,981	15,654	45,275	45,061	0.5
Pulp, paper, and paperboard mills.....	6,827	6,775	6,763	0.8	0.2	-0.6	6,998	6,269	6,766	6,953	20,033	20,241	-1.0
Paperboard containers.....	4,878	4,812	4,844	1.4	-0.7	0.7	5,084	4,429	4,716	4,843	14,229	13,750	3.5
Printing.....	6,756	6,869	6,924	-1.6	-0.8	0.4	7,001	6,165	6,519	7,506	19,685	20,888	-5.8
Petroleum and coal products.....	43,599	44,817	45,552	-2.7	-1.6	3.0	42,512	38,569	40,813	32,658	121,894	87,021	40.1
Petroleum refineries.....	39,174	40,287	41,017	-2.8	-1.8	2.9	38,156	34,621	37,178	29,237	109,955	78,211	40.6
Chemical products.....	68,500	68,673	67,944	-0.3	1.1	0.0	73,929	64,316	63,641	72,318	201,886	197,207	2.4
Pesticides, fertilizers, and other agricultural chemicals.....	3,751	3,810	3,893	-1.5	-2.1	-4.2	5,231	4,093	3,094	6,161	12,418	13,784	-9.9
Pharmaceuticals and medicines.....	23,019	23,157	22,628	-0.6	2.3	0.3	24,124	21,430	21,917	22,882	67,471	64,270	5.0
Paints, coatings, and adhesives.....	3,968	3,936	3,789	0.8	3.9	-0.1	4,413	3,594	3,320	3,990	11,327	10,453	8.4
Plastics and rubber products.....	19,047	19,188	19,187	-0.7	0.0	-0.1	20,185	17,746	17,661	20,200	55,592	55,747	-0.3

^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 and percent changes of shipments for the semiconductor industry are included in computers and electronic products, and all other applicable aggregate totals.

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/>>

Source: U.S. Census Bureau, Manufacturers' Shipments, Inventories, and Orders (M3) Survey, March Full Report, May 4, 2017. Information on data sources and methodology can be found on our website at <www.census.gov/manufacturing/m3/how_the_data_are_collected/index.html>

Table 2. Value of Manufacturers' New Orders for Industry Groups¹

[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		
	Mar. 2017 ^P	Feb. 2017 ^f	Jan. 2017	Feb. - Mar.	Jan. - Feb.	Dec. - Jan.	Mar. 2017 ^P	Feb. 2017 ^f	Jan. 2017	Mar. 2016	2017 ^P	2016	% Change 2017/2016
All manufacturing industries ²	478,185	477,382	471,711	0.2	1.2	1.5	512,934	445,396	433,402	482,868	1,391,732	1,322,785	5.2
Excluding transportation ²	394,595	395,942	394,608	-0.3	0.3	0.5	417,105	370,957	368,279	394,521	1,156,341	1,094,129	5.7
Excluding defense ²	464,562	465,429	459,148	-0.2	1.4	1.4	495,875	434,929	422,587	465,321	1,353,391	1,286,048	5.2
With unfilled orders ²	174,539	172,396	166,657	1.2	3.4	3.5	194,933	161,889	151,474	179,224	508,296	480,908	5.7
Durable goods industries ²	239,439	237,362	231,752	0.9	2.4	2.4	266,159	223,162	208,705	250,044	698,026	673,964	3.6
Primary metals.....	19,267	19,197	18,513	0.4	3.7	-0.7	20,775	18,875	19,052	19,269	58,702	55,772	5.3
Iron and steel mills.....	8,949	8,829	8,099	1.4	9.0	-4.0	9,544	8,707	8,811	8,549	27,062	25,890	4.5
Aluminum and nonferrous metals.....	8,880	8,915	9,009	-0.4	-1.0	3.3	9,680	8,734	8,822	8,995	27,236	24,968	9.1
Ferrous metal foundries.....	1,438	1,453	1,405	-1.0	3.4	-5.1	1,551	1,434	1,419	1,725	4,404	4,914	-10.4
Fabricated metal products.....	31,478	31,552	31,455	-0.2	0.3	1.5	34,230	30,933	30,120	31,757	95,283	90,017	5.9
Machinery.....	31,602	31,492	31,483	0.3	0.0	1.2	35,658	30,990	29,664	33,421	96,312	92,509	4.1
Construction machinery.....	3,106	2,931	2,907	6.0	0.8	7.3	3,621	2,951	2,820	2,895	9,392	8,584	9.4
Mining, oil field, and gas field machinery.....	1,011	866	837	16.7	3.5	3.0	992	1,013	873	1,040	2,878	3,317	-13.2
Industrial machinery.....	2,467	2,535	2,491	-2.7	1.8	4.3	2,889	2,245	2,413	2,731	7,547	7,237	4.3
Photographic equipment.....	406	415	393	-2.2	5.6	-16.0	465	385	359	487	1,209	1,258	-3.9
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,665	3,661	3,675	0.1	-0.4	2.9	4,145	3,171	3,169	3,766	10,485	9,753	7.5
Metalworking machinery.....	3,364	3,303	3,190	1.8	3.5	-3.2	3,531	3,033	2,979	3,326	9,543	9,015	5.9
Turbines, generators, and other power transmission equipment.....	4,020	3,919	4,261	2.6	-8.0	2.8	4,115	3,879	4,124	3,986	12,118	11,862	2.2
Material handling equipment.....	3,210	3,271	3,199	-1.9	2.3	-0.5	3,677	3,283	3,016	3,050	9,976	9,127	9.3
Computers and electronic products ²	24,653	24,860	24,944	-0.8	-0.3	-0.6	28,269	22,906	21,214	27,470	72,389	69,836	3.7
Computers.....	622	680	623	-8.5	9.1	4.5	676	524	523	617	1,723	1,624	6.1
Nondefense communications equipment.....	3,477	3,531	3,667	-1.5	-3.7	-1.0	4,030	3,781	2,943	3,829	10,754	9,905	8.6
Defense communications equipment.....	292	282	256	3.5	10.2	2.0	384	267	221	382	872	906	-3.8
Electronic components.....	5,057	5,032	4,963	0.5	1.4	-2.0	5,131	4,560	4,530	4,799	14,221	13,300	6.9
Nondefense search and navigation equipment.....	1,553	1,544	1,538	0.6	0.4	-13.2	1,747	1,478	1,386	1,651	4,611	4,321	6.7
Defense search and navigation equipment.....	2,596	2,566	2,734	1.2	-6.1	6.2	3,210	2,377	2,232	3,145	7,819	7,920	-1.3
Electromedical, measuring, and control instruments.....	9,260	9,327	9,286	-0.7	0.4	-0.9	10,912	8,467	7,955	10,786	27,334	26,555	2.9
Electrical equipment, appliances, and components.....	9,958	9,840	9,606	1.2	2.4	-3.5	10,665	9,259	9,070	10,110	28,994	28,616	1.3
Electric lighting equipment.....	1,086	1,074	1,046	1.1	2.7	0.9	1,101	1,022	982	1,053	3,105	3,126	-0.7
Household appliances.....	1,317	1,381	1,332	-4.6	3.7	-6.4	1,452	1,125	1,158	1,529	3,735	3,957	-5.6
Electrical equipment.....	2,903	2,918	2,946	-0.5	-1.0	-0.8	3,257	2,764	2,752	3,326	8,773	8,935	-1.8
Transportation equipment.....	83,590	81,440	77,103	2.6	5.6	7.0	95,829	74,439	65,123	88,347	235,391	228,656	2.9
Motor vehicle bodies, parts, and trailers.....	29,410	29,926	29,644	-1.7	1.0	1.0	32,703	30,069	27,279	29,881	90,051	82,338	9.4
Nondefense aircraft and parts.....	14,437	13,496	8,583	7.0	57.2	83.2	16,802	8,481	4,149	10,399	29,432	26,622	10.6
Defense aircraft and parts.....	5,189	3,960	4,401	31.0	-10.0	65.9	6,304	3,019	4,002	6,740	13,325	13,909	-4.2
Ships and boats.....	3,005	2,598	2,546	15.7	2.0	-34.3	3,108	2,793	2,494	3,834	8,395	7,681	9.3
Furniture and related products.....	6,478	6,592	6,665	-1.7	-1.1	3.1	7,158	6,645	6,278	7,044	20,081	19,513	2.9
Nondurable goods industries.....	238,746	240,020	239,959	-0.5	0.0	0.6	246,775	222,234	224,697	232,824	693,706	648,821	6.9

^P Preliminary

^f 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/>>.

Source: U.S. Census Bureau, Manufacturers' Shipments, Inventories, and Orders (M3) Survey, March Full Report, May 4, 2017. Information on data sources and methodology can be found on our website at <www.census.gov/manufacturing/m3/how_the_data_are_collected/index.html>.

Table 3. Value of Manufacturers' Unfilled Orders for Industry Groups¹

[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				% Change March 2017/ 2016
	Monthly			Percent Change			Monthly				
	Mar. 2017 ^P	Feb. 2017 ^F	Jan. 2017	Feb. - Mar.	Jan. - Feb.	Dec. - Jan.	Mar. 2017 ^P	Feb. 2017 ^F	Jan. 2017	Mar. 2016	
All manufacturing industries ²	1,119,572	1,116,687	1,115,125	0.3	0.1	-0.3	1,130,361	1,124,501	1,121,517	1,140,027	-0.8
Excluding transportation ²	363,606	362,687	361,300	0.3	0.4	0.5	368,513	364,666	358,403	357,896	3.0
Excluding defense ²	945,122	942,517	939,415	0.3	0.3	-0.3	954,059	949,800	944,594	966,143	-1.3
Durable goods industries ²	1,119,572	1,116,687	1,115,125	0.3	0.1	-0.3	1,130,361	1,124,501	1,121,517	1,140,027	-0.8
Primary metals.....	34,416	34,090	33,673	1.0	1.2	-0.3	35,349	34,929	34,083	32,923	7.4
Iron and steel mills.....	19,142	18,957	18,809	1.0	0.8	-2.2	19,814	19,511	19,073	18,367	7.9
Aluminum and nonferrous metals.....	11,202	11,065	10,815	1.2	2.3	3.2	11,350	11,231	10,894	10,736	5.7
Ferrous metal foundries.....	4,072	4,068	4,049	0.1	0.5	-0.7	4,185	4,187	4,116	3,820	9.6
Fabricated metal products.....	75,061	75,121	75,141	-0.1	0.0	0.1	76,174	74,919	73,442	74,846	1.8
Machinery.....	93,978	93,736	93,373	0.3	0.4	0.7	95,232	94,949	93,307	96,562	-1.4
Construction machinery.....	4,964	4,636	4,475	7.1	3.6	4.3	5,342	4,997	4,711	5,404	-1.1
Mining, oil field, and gas field machinery.....	5,717	5,663	5,738	1.0	-1.3	-1.0	5,754	5,787	5,658	7,963	-27.7
Industrial machinery.....	6,998	6,978	6,971	0.3	0.1	0.5	7,054	7,006	6,984	8,056	-12.4
Photographic equipment.....	1,396	1,417	1,425	-1.5	-0.6	-2.5	1,396	1,435	1,408	1,282	8.9
Ventilation, heating, air-conditioning, and refrigeration equipment.....	6,273	6,267	6,206	0.1	1.0	2.1	6,446	6,347	6,131	6,487	-0.6
Metalworking machinery.....	7,051	7,088	7,188	-0.5	-1.4	-1.7	7,060	7,195	7,144	6,881	2.6
Turbines, generators, and other power transmission equipment.....	25,537	25,603	25,658	-0.3	-0.2	1.2	25,551	25,703	25,781	25,708	-0.6
Material handling equipment.....	12,901	12,836	12,689	0.5	1.2	0.9	13,206	12,998	12,636	12,036	9.7
Computers and electronic products ²	132,236	132,039	131,716	0.1	0.2	0.6	133,346	132,259	130,873	127,602	4.5
Computers.....	2,515	2,513	2,453	0.1	2.4	0.2	2,515	2,513	2,453	2,412	4.3
Nondefense communications equipment.....	34,640	34,436	34,089	0.6	1.0	1.4	35,055	34,833	33,638	31,893	9.9
Defense communications equipment.....	2,233	2,218	2,216	0.7	0.1	-0.5	2,252	2,160	2,170	2,301	-2.1
Electronic components.....	12,321	12,379	12,396	-0.5	-0.1	0.9	12,345	12,556	12,406	12,177	1.4
Nondefense search and navigation equipment.....	18,696	18,609	18,519	0.5	0.5	0.5	18,490	18,468	18,357	17,307	6.8
Defense search and navigation equipment.....	27,778	27,849	27,998	-0.3	-0.5	0.1	28,074	27,719	27,916	28,138	-0.2
Electromedical, measuring, and control instruments.....	34,053	34,035	34,045	0.1	0.0	0.2	34,615	34,010	33,933	33,374	3.7
Electrical equipment, appliances, and components.....	18,913	18,756	18,621	0.8	0.7	0.2	19,333	19,091	18,662	17,594	9.9
Electric lighting equipment.....	1,374	1,359	1,350	1.1	0.7	0.2	1,383	1,382	1,345	1,331	3.9
Household appliances.....	1,243	1,255	1,194	-1.0	5.1	-1.3	1,256	1,248	1,281	1,108	13.4
Electrical equipment.....	8,057	8,021	7,965	0.4	0.7	0.6	8,110	8,077	7,945	8,077	0.4
Transportation equipment.....	755,966	754,000	753,825	0.3	0.0	-0.6	761,848	759,835	763,114	782,131	-2.6
Motor vehicle bodies, parts, and trailers.....	22,298	22,167	21,768	0.6	1.8	0.9	23,053	22,967	22,277	23,029	0.1
Nondefense aircraft and parts.....	573,996	572,583	571,536	0.2	0.2	-0.8	577,716	576,801	578,794	599,295	-3.6
Defense aircraft and parts.....	72,747	72,000	72,407	1.0	-0.6	0.6	73,726	72,909	73,660	69,678	5.8
Ships and boats.....	16,076	16,240	16,774	-1.0	-3.2	-2.9	16,328	16,629	16,858	17,373	-6.0
Furniture and related products.....	8,761	8,706	8,538	0.6	2.0	3.0	8,838	8,280	7,798	8,136	8.6

^P Preliminary

^F 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.

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/>>.

Source: U.S. Census Bureau, Manufacturers' Shipments, Inventories, and Orders (M3) Survey, March Full Report, May 4, 2017. Information on data sources and methodology can be found on our website at <www.census.gov/manufacturing/m3/how_the_data_are_collected/index.html>.

Table 4. Value of Manufacturers' Inventories for Industry Groups¹

[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 March 2017/ 2016
	Mar. 2017 ^p	Feb. 2017 ^r	Jan. 2017	Feb. - Mar.	Jan. - Feb.	Dec. - Jan.	Mar. 2017 ^p	Feb. 2017 ^r	Jan. 2017	Mar. 2016	
All manufacturing industries.....	629,747	629,835	628,806	0.0	0.2	0.3	627,818	632,559	626,166	619,533	1.3
Excluding transportation.....	507,372	507,178	506,123	0.0	0.2	0.5	505,512	508,890	503,806	494,701	2.2
Excluding defense.....	604,386	604,116	603,281	0.0	0.1	0.3	602,549	606,853	600,882	594,178	1.4
With unfilled orders.....	313,136	312,696	311,798	0.1	0.3	0.2	312,053	314,255	310,609	312,134	0.0
Durable goods industries.....	386,015	385,279	384,321	0.2	0.2	0.1	385,136	388,235	383,791	384,017	0.3
Wood products.....	11,754	11,674	11,695	0.7	-0.2	0.0	12,001	12,084	12,036	11,246	6.7
Nonmetallic mineral products.....	13,134	13,116	13,073	0.1	0.3	0.3	13,385	13,351	13,132	13,210	1.3
Primary metals.....	32,598	32,169	31,803	1.3	1.2	0.5	32,358	32,371	32,179	31,787	1.8
Iron and steel mills.....	18,122	17,812	17,538	1.7	1.6	0.7	17,841	17,891	17,834	16,954	5.2
Aluminum and nonferrous metals.....	12,470	12,334	12,240	1.1	0.8	0.2	12,469	12,399	12,314	12,649	-1.4
Ferrous metal foundries.....	2,006	2,023	2,020	-0.8	-0.1	0.1	2,048	2,081	2,031	2,184	-6.2
Fabricated metal products.....	48,915	49,051	48,903	-0.3	0.3	0.4	49,314	49,388	48,884	49,150	0.3
Machinery.....	66,706	66,297	66,180	0.6	0.2	-0.2	66,482	66,808	66,868	66,205	0.4
Farm machinery.....	3,290	3,194	3,155	3.0	1.2	-0.9	3,439	3,420	3,299	3,192	7.7
Construction machinery.....	5,141	5,201	5,283	-1.2	-1.6	-0.1	5,185	5,232	5,259	5,682	-8.7
Mining, oil field, and gas field machinery.....	7,465	7,513	7,550	-0.6	-0.5	-1.3	7,490	7,602	7,553	7,436	0.7
Industrial machinery.....	6,766	6,600	6,516	2.5	1.3	-0.8	6,862	6,638	6,420	6,443	6.5
Photographic equipment.....	1,545	1,563	1,627	-1.2	-3.9	0.8	1,461	1,581	1,633	1,483	-1.5
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,717	4,724	4,665	-0.1	1.3	0.8	4,839	4,847	4,541	4,636	4.4
Metalworking machinery.....	5,678	5,756	5,749	-1.4	0.1	0.1	5,609	5,763	5,623	5,607	0.0
Turbines, generators, and other power transmission equipment.....	9,759	9,353	9,254	4.3	1.1	-1.3	9,375	9,306	9,167	9,384	-0.1
Material handling equipment.....	4,893	4,867	4,753	0.5	2.4	2.1	4,794	4,728	4,557	4,475	7.1
Computers and electronic products ²	43,081	43,066	42,917	0.0	0.3	1.0	42,388	43,349	42,500	42,125	0.6
Computers.....	1,803	1,782	1,810	1.2	-1.5	-3.4	1,711	1,800	1,740	1,497	14.3
Computer storage devices.....	1,045	1,038	1,024	0.7	1.4	-0.2	960	1,073	1,023	948	1.3
Other peripheral equipment.....	1,099	1,069	1,057	2.8	1.1	1.1	1,050	1,091	1,066	989	6.2
Nondefense communications equipment.....	3,914	3,929	3,845	-0.4	2.2	3.0	3,844	4,001	3,827	3,965	-3.1
Defense communications equipment.....	569	574	555	-0.9	3.4	0.2	569	574	555	602	-5.5
Audio and video equipment.....	920	879	843	4.7	4.3	6.6	817	844	833	650	25.7
Electronic components.....	7,793	7,839	7,816	-0.6	0.3	1.8	7,784	7,887	7,903	7,647	1.8
Nondefense search and navigation equipment.....	3,071	3,066	3,079	0.2	-0.4	1.2	3,036	3,055	3,083	3,016	0.7
Defense search and navigation equipment.....	3,099	3,106	3,120	-0.2	-0.4	-0.3	3,094	3,107	3,078	2,910	6.3
Electromedical, measuring and control instruments.....	14,068	14,026	13,985	0.3	0.3	-0.1	13,786	13,949	13,717	13,974	-1.3
Electrical equipment, appliances, and components.....	16,727	16,524	16,405	1.2	0.7	0.9	16,660	16,560	16,312	16,162	3.1
Electric lighting equipment.....	2,079	2,083	2,069	-0.2	0.7	2.6	2,051	2,080	2,094	1,952	5.1
Household appliances.....	2,288	2,279	2,262	0.4	0.8	2.2	2,287	2,307	2,211	2,241	2.1
Electrical equipment.....	4,799	4,775	4,762	0.5	0.3	0.3	4,748	4,836	4,770	4,915	-3.4
Batteries.....	1,348	1,322	1,312	2.0	0.8	-0.6	1,321	1,264	1,237	1,303	1.4
Transportation equipment.....	122,375	122,657	122,683	-0.2	0.0	-0.5	122,306	123,669	122,360	124,832	-2.0
Automobiles.....	4,183	4,102	4,066	2.0	0.9	-4.5	4,186	4,177	4,108	4,382	-4.5
Light trucks and utility vehicles.....	3,808	3,853	3,930	-1.2	-2.0	-4.8	3,811	3,958	4,021	4,479	-14.9
Heavy duty trucks.....	2,168	2,141	2,173	1.3	-1.5	2.0	2,171	2,212	2,263	2,223	-2.3
Motor vehicle bodies, parts, and trailers.....	23,307	23,420	23,733	-0.5	-1.3	-1.3	23,347	23,662	23,917	23,725	-1.6
Nondefense aircraft and parts.....	62,403	62,266	62,151	0.2	0.2	-0.4	62,488	62,827	61,721	63,851	-2.1
Defense aircraft and parts.....	11,268	11,387	11,313	-1.0	0.7	2.8	11,240	11,438	11,265	11,093	1.3
Ships and boats.....	2,793	2,813	2,898	-0.7	-2.9	0.6	2,824	2,799	2,869	2,874	-1.7
Furniture and related products.....	7,390	7,385	7,326	0.1	0.8	1.6	7,205	7,318	7,257	7,024	2.6
Miscellaneous durable goods.....	23,335	23,340	23,336	0.0	0.0	0.6	23,037	23,337	23,263	22,276	3.4
Non-durable goods industries.....	243,732	244,556	244,485	-0.3	0.0	0.6	242,682	244,324	242,375	235,516	3.0
Food products.....	54,586	54,836	54,397	-0.5	0.8	0.5	53,353	54,482	54,117	52,221	2.2
Grain and oilseed milling.....	5,999	6,018	6,006	-0.3	0.2	1.0	5,971	6,260	6,245	5,721	4.4
Dairy products.....	7,979	8,043	8,008	-0.8	0.4	1.2	8,003	8,028	7,798	7,478	7.0
Meat, poultry, and seafood products.....	9,039	9,011	8,864	0.3	1.7	0.2	9,002	8,964	8,744	9,027	-0.3
Beverage and tobacco products.....	20,806	20,792	20,764	0.1	0.1	0.7	20,849	20,982	21,064	20,568	1.4
Beverages.....	17,029	17,026	17,018	0.0	0.0	0.9	17,018	17,058	17,124	16,668	2.1
Tobacco.....	3,777	3,766	3,746	0.3	0.5	-0.2	3,831	3,924	3,940	3,900	-1.8
Textile mills.....	3,191	3,154	3,171	1.2	-0.5	-0.3	3,180	3,149	3,168	3,129	1.6
Textile products.....	3,089	3,083	3,076	0.2	0.2	0.1	3,097	3,108	3,084	3,105	-0.3
Apparel.....	2,440	2,419	2,412	0.9	0.3	0.9	2,321	2,370	2,398	2,430	-4.5
Leather and allied products.....	805	798	788	0.9	1.3	0.5	782	778	778	770	1.6
Paper products.....	16,151	16,159	16,245	0.0	-0.5	0.2	16,254	16,339	16,331	16,471	-1.3
Pulp, paper, and paperboard mills.....	6,599	6,597	6,615	0.0	-0.3	-0.3	6,665	6,713	6,659	6,781	-1.7
Paperboard containers.....	5,127	5,136	5,205	-0.2	-1.3	0.5	5,157	5,204	5,255	5,233	-1.5
Printing.....	5,841	5,864	5,883	-0.4	-0.3	-1.6	5,810	5,844	5,725	5,972	-2.7
Petroleum and coal products.....	29,496	30,311	30,436	-2.7	-0.4	3.3	28,309	29,078	28,701	23,468	20.6
Petroleum refineries.....	24,986	25,811	25,927	-3.2	-0.4	3.8	23,845	24,485	24,101	18,909	26.1
Chemical products.....	81,749	81,622	81,762	0.2	-0.2	0.1	82,692	82,316	81,577	81,728	1.2
Pesticides, fertilizers, and other agricultural chemicals.....	4,270	4,209	4,204	1.4	0.1	0.0	4,556	4,636	4,648	4,553	0.1
Pharmaceuticals and medicines.....	32,011	32,037	32,434	-0.1	-1.2	-0.6	32,375	32,110	32,020	32,737	-1.1
Paints, coatings, and adhesives.....	3,831	3,813	3,778	0.5	0.9	-0.2	3,961	3,923	3,794	3,728	6.3
Plastics and rubber products.....	25,578	25,518	25,551	0.2	-0.1	0.2	26,035	25,878	25,432	25,654	1.5

^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.

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/>.

Source: U.S. Census Bureau, Manufacturers' Shipments, Inventories, and Orders (M3) Survey, March Full Report, May 4, 2017. Information on data sources and methodology can be found on our website at www.census.gov/manufacturing/m3/how_the_data_are_collected/index.html.

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		% Change ⁶	
	Mar. 2017 ^p	Feb. 2017 ^r	Jan. 2017	Feb. - Mar.	Jan. - Feb.	Dec. - Jan.	Mar. 2017 ^p	Feb. 2017 ^r	Jan. 2017	Mar. 2016	2017 ^p		2016
SHIPMENTS													
All manufacturing industries.....	478,815	479,354	478,581	-0.1	0.2	0.3	510,168	445,216	436,906	486,063	1,392,290	1,331,806	4.5
Construction materials and supplies.....	49,049	48,999	48,247	0.1	1.6	0.6	50,423	43,613	42,253	47,642	136,289	130,423	4.5
Information technology.....	23,530	23,590	23,258	-0.3	1.4	0.6	26,241	20,843	19,516	24,949	66,600	63,907	4.2
Computers and related products.....	1,731	1,839	1,821	-5.9	1.0	7.1	2,199	1,339	1,348	2,266	4,886	5,129	-4.7
Motor vehicle and parts.....	55,831	56,054	56,589	-0.4	-0.9	-0.2	62,939	55,390	50,734	60,906	169,063	167,600	0.9
Capital goods.....	83,980	83,493	82,942	0.6	0.7	-0.2	94,672	76,157	70,234	91,449	241,063	237,336	1.6
Nondefense capital goods ³	73,072	72,104	72,077	1.3	0.0	-0.2	82,193	65,251	61,546	79,895	208,990	208,233	0.4
Excluding aircraft.....	64,650	64,335	63,634	0.5	1.1	-0.4	71,835	59,118	56,126	69,768	187,079	185,457	0.9
Defense capital goods ⁴	10,908	11,389	10,865	-4.2	4.8	-0.5	12,479	10,906	8,688	11,554	32,073	29,103	10.2
Consumer goods.....	195,980	196,938	197,768	-0.5	-0.4	0.6	202,863	184,140	184,389	189,431	571,392	531,674	7.5
Consumer durable goods.....	37,462	37,515	38,281	-0.1	-2.0	-0.6	42,181	36,780	33,673	42,554	112,634	116,857	-3.6
Consumer nondurable goods.....	158,518	159,423	159,487	-0.6	0.0	0.9	160,682	147,360	150,716	146,877	458,758	414,817	10.6
NEW ORDERS													
All manufacturing industries ⁵	478,185	477,382	471,711	0.2	1.2	1.5	512,934	445,396	433,402	482,868	1,391,732	1,322,785	5.2
Construction materials and supplies.....	49,275	49,276	48,576	0.0	1.4	1.0	51,439	44,473	43,136	48,424	139,048	132,401	5.0
Information technology.....	23,882	23,931	23,866	-0.2	0.3	-1.5	27,700	22,399	20,511	28,572	70,610	68,159	3.6
Computers and related products.....	1,733	1,899	1,827	-8.7	3.9	6.8	2,201	1,399	1,354	2,263	4,954	5,094	-2.7
Motor vehicle and parts.....	55,962	56,453	56,776	-0.9	-0.6	0.2	63,025	56,080	51,080	60,666	170,185	167,070	1.9
Capital goods.....	85,829	83,355	80,067	3.0	4.1	5.2	99,289	75,715	69,028	91,035	244,032	234,195	4.2
Nondefense capital goods ³	75,198	74,048	70,061	1.6	5.7	5.3	85,419	67,336	60,164	75,788	212,919	203,044	4.9
Excluding aircraft.....	65,171	64,821	64,783	0.5	0.1	0.2	73,846	62,807	59,744	71,317	196,397	192,142	2.2
Defense capital goods ⁴	10,631	9,307	10,006	14.2	-7.0	4.5	13,870	8,379	8,864	15,247	31,113	31,151	-0.1
Consumer goods.....	195,943	197,017	197,825	-0.5	-0.4	0.6	202,878	184,331	184,611	189,504	571,820	532,053	7.5
Consumer durable goods.....	37,425	37,594	38,338	-0.4	-1.9	-0.6	42,196	36,971	33,895	42,627	113,062	117,236	-3.6
Consumer nondurable goods.....	158,518	159,423	159,487	-0.6	0.0	0.9	160,682	147,360	150,716	146,877	458,758	414,817	10.6
UNFILLED ORDERS													
All manufacturing industries ⁵	1,119,572	1,116,687	1,115,125	0.3	0.1	-0.3	1,130,361	1,124,501	1,121,517	1,140,027	(X)	(X)	-0.8
Construction materials and supplies.....	46,634	46,408	46,131	0.5	0.6	0.7	47,004	45,988	45,128	46,285	(X)	(X)	1.6
Information technology.....	129,550	129,198	128,857	0.3	0.3	0.5	130,981	129,522	127,966	123,785	(X)	(X)	5.8
Computers and related products.....	2,515	2,513	2,453	0.1	2.4	0.2	2,515	2,513	2,453	2,412	(X)	(X)	4.3
Motor vehicle and parts.....	22,298	22,167	21,768	0.6	1.8	0.9	23,053	22,967	22,277	23,029	(X)	(X)	0.1
Capital goods.....	831,076	829,227	829,365	0.2	0.0	-0.3	838,142	833,525	833,967	847,735	(X)	(X)	-1.1
Nondefense capital goods ³	693,437	691,311	689,367	0.3	0.3	-0.3	698,685	695,459	693,374	709,283	(X)	(X)	-1.5
Excluding aircraft.....	227,447	226,926	226,440	0.2	0.2	0.5	230,183	228,172	224,483	224,371	(X)	(X)	2.6
Defense capital goods ⁴	137,639	137,916	139,998	-0.2	-1.5	-0.6	139,457	138,066	140,593	138,452	(X)	(X)	0.7
Consumer goods.....	4,597	4,634	4,555	-0.8	1.7	1.3	4,821	4,806	4,615	4,571	(X)	(X)	5.5
Consumer durable goods.....	4,597	4,634	4,555	-0.8	1.7	1.3	4,821	4,806	4,615	4,571	(X)	(X)	5.5
TOTAL INVENTORIES													
All manufacturing industries.....	629,747	629,835	628,806	0.0	0.2	0.3	627,818	632,559	626,166	619,533	(X)	(X)	1.3
Construction materials and supplies.....	65,899	66,003	65,902	-0.2	0.2	0.2	66,806	67,041	66,243	65,680	(X)	(X)	1.7
Information technology.....	37,520	37,274	37,124	0.7	0.4	0.5	36,746	37,324	36,731	35,965	(X)	(X)	2.2
Computers and related products.....	3,947	3,889	3,891	1.5	-0.1	-1.4	3,721	3,964	3,829	3,434	(X)	(X)	8.4
Motor vehicle and parts.....	33,466	33,516	33,902	-0.1	-1.1	-1.9	33,515	34,009	34,309	34,809	(X)	(X)	-3.7
Capital goods.....	193,076	192,383	191,733	0.4	0.3	0.1	191,978	193,032	190,021	191,277	(X)	(X)	0.4
Nondefense capital goods ³	171,935	170,989	170,522	0.6	0.3	-0.1	170,901	171,702	169,003	170,778	(X)	(X)	0.1
Excluding aircraft.....	120,769	119,984	119,646	0.7	0.3	0.2	119,477	120,302	118,570	117,772	(X)	(X)	1.4
Defense capital goods ⁴	21,141	21,394	21,211	-1.2	0.9	2.2	21,077	21,330	21,018	20,499	(X)	(X)	2.8
Consumer goods.....	181,560	182,532	182,502	-0.5	0.0	0.6	179,081	181,556	180,781	173,715	(X)	(X)	3.1
Consumer durable goods.....	29,392	29,342	29,309	0.2	0.1	-0.5	29,034	29,711	29,747	29,357	(X)	(X)	-1.1
Consumer nondurable goods.....	152,168	153,190	153,193	-0.7	0.0	0.8	150,047	151,845	151,034	144,358	(X)	(X)	3.9

^x Not Applicable

^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 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 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.

⁴ 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.

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.

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/>>.

Source: U.S. Census Bureau, Manufacturers' Shipments, Inventories, and Orders (M3) Survey, March Full Report, May 4, 2017. Information on data sources and methodology can be found on our website at

<www.census.gov/manufacturing/m3/how_the_data_are_collected/index.html>.

Table 6. Value of Manufacturers' Inventories, by Stage of Fabrication, by Industry Group¹

[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 March 2017/ 2016
	Mar. 2017 ^p	Feb. 2017 ^f	Jan. 2017	Feb. - Mar.	Jan. - Feb.	Dec. - Jan.	Mar. 2017 ^p	Feb. 2017 ^f	Jan. 2017	Mar. 2016	
MATERIALS AND SUPPLIES											
All manufacturing industries.....	210,214	209,268	208,771	0.5	0.2	0.3	209,730	210,015	209,396	206,974	1.3
Durable goods industries.....	130,357	129,647	129,608	0.5	0.0	0.5	129,670	130,140	130,172	128,370	1.0
Wood products.....	4,869	4,893	4,808	-0.5	1.8	-1.5	4,817	5,058	4,974	4,452	8.2
Nonmetallic mineral products.....	5,421	5,352	5,314	1.3	0.7	1.4	5,436	5,359	5,314	5,271	3.1
Primary metals.....	12,939	12,722	12,621	1.7	0.8	0.5	12,675	12,747	12,908	12,481	1.6
Fabricated metal products.....	17,659	17,588	17,566	0.4	0.1	0.5	17,681	17,603	17,612	17,843	-0.9
Machinery.....	23,158	23,078	23,177	0.3	-0.4	-0.2	22,991	23,008	23,016	24,522	-6.2
Computers and electronic products.....	17,811	17,802	17,720	0.1	0.5	0.9	17,651	17,809	17,709	17,033	3.6
Electrical equipment, appliances, and components.....	6,631	6,506	6,491	1.9	0.2	0.1	6,591	6,512	6,496	6,496	1.5
Transportation equipment.....	30,787	30,620	30,739	0.5	-0.4	0.7	30,904	31,028	30,959	29,523	4.7
Furniture and related products.....	3,694	3,694	3,738	0.0	-1.2	2.7	3,652	3,687	3,750	3,560	2.6
Miscellaneous products.....	7,388	7,392	7,434	-0.1	-0.6	0.1	7,272	7,329	7,434	7,189	1.2
Nondurable goods industries.....	79,857	79,621	79,163	0.3	0.6	0.1	80,060	79,875	79,224	78,604	1.9
Food products.....	18,359	18,405	18,371	-0.2	0.2	0.6	18,155	18,393	18,614	18,053	0.6
Beverage and tobacco products.....	4,793	4,778	4,784	0.3	-0.1	-0.6	4,905	4,905	4,942	5,099	-0.8
Textiles.....	1,139	1,143	1,151	-0.3	-0.7	-0.9	1,141	1,147	1,155	1,169	-2.4
Textile products.....	995	1,004	1,013	-0.9	-0.9	-1.0	993	1,004	1,006	1,076	-7.7
Apparel.....	669	674	677	-0.7	-0.4	2.4	647	656	666	692	-6.5
Leather and allied products.....	230	232	229	-0.9	1.3	-1.3	223	226	225	232	-3.9
Paper products.....	8,171	8,187	8,205	-0.2	-0.2	-0.9	8,247	8,295	8,266	8,420	-2.1
Printing.....	2,648	2,708	2,699	-2.2	0.3	-3.0	2,636	2,700	2,655	2,760	-4.5
Petroleum and coal products.....	6,390	6,484	6,357	-1.4	2.0	2.7	6,215	6,210	5,984	5,627	10.4
Chemical products.....	26,400	26,010	25,805	1.5	0.8	0.0	26,741	26,247	25,805	25,372	5.4
Plastics and rubber products.....	10,063	9,996	9,872	0.7	1.3	0.1	10,157	10,092	9,906	10,104	0.5
WORK IN PROCESS											
All manufacturing industries.....	193,924	195,203	194,607	-0.7	0.3	0.3	193,526	196,292	192,887	192,408	0.6
Durable goods industries.....	144,606	144,680	143,884	-0.1	0.6	0.2	144,337	145,511	142,733	146,194	-1.3
Wood products.....	2,363	2,337	2,375	1.1	-1.6	3.4	2,416	2,386	2,406	2,260	6.9
Nonmetallic mineral products.....	1,459	1,460	1,468	-0.1	-0.5	-1.3	1,520	1,523	1,473	1,529	-0.6
Primary metals.....	9,495	9,288	9,199	2.2	1.0	-0.6	9,438	9,311	9,193	9,354	0.9
Fabricated metal products.....	13,108	13,121	13,071	-0.1	0.4	1.1	13,120	13,167	12,978	12,852	2.1
Machinery.....	19,949	19,760	19,535	1.0	1.2	-1.0	19,719	19,913	19,277	18,477	6.7
Computers and electronic products.....	13,336	13,423	13,353	-0.6	0.5	0.6	13,246	13,558	13,096	13,641	-2.9
Electrical equipment, appliances, and components.....	3,593	3,564	3,516	0.8	1.4	1.8	3,574	3,569	3,512	3,433	4.1
Transportation equipment.....	76,208	76,577	76,259	-0.5	0.4	0.3	76,256	76,904	75,736	79,771	-4.4
Furniture and related products.....	1,122	1,109	1,074	1.2	3.3	-1.2	1,109	1,107	1,078	1,079	2.8
Miscellaneous products.....	3,973	4,041	4,034	-1.7	0.2	0.6	3,939	4,073	3,984	3,798	3.7
Nondurable goods industries.....	49,318	50,523	50,723	-2.4	-0.4	0.5	49,189	50,781	50,154	46,214	6.4
Food products.....	6,173	6,215	6,142	-0.7	1.2	1.7	6,030	6,398	6,465	5,746	4.9
Beverage and tobacco products.....	7,812	7,770	7,722	0.5	0.6	1.0	7,854	7,906	7,997	7,626	3.0
Textiles.....	683	669	662	2.1	1.1	-0.3	673	661	658	680	-1.0
Textile products.....	420	427	432	-1.6	-1.2	-0.2	422	432	429	447	-5.6
Apparel.....	320	317	312	0.9	1.6	-2.2	301	312	295	305	-1.3
Leather and allied products.....	106	107	111	-0.9	-3.6	0.0	106	107	112	99	7.1
Paper products.....	1,247	1,223	1,225	2.0	-0.2	-2.1	1,255	1,230	1,222	1,276	-1.6
Printing.....	1,456	1,412	1,449	3.1	-2.6	-1.5	1,458	1,406	1,367	1,617	-9.8
Petroleum and coal products.....	9,781	10,128	10,234	-3.4	-1.0	2.4	9,548	9,869	9,293	7,207	32.5
Chemical products.....	18,214	19,126	19,300	-4.8	-0.9	-0.6	18,366	19,269	19,186	18,142	1.2
Plastics and rubber products.....	3,106	3,129	3,134	-0.7	-0.2	-0.9	3,176	3,191	3,130	3,069	3.5
FINISHED GOODS											
All manufacturing industries.....	225,609	225,364	225,428	0.1	0.0	0.3	224,562	226,252	223,883	220,151	2.0
Durable goods industries.....	111,052	110,952	110,829	0.1	0.1	-0.4	111,129	112,584	110,886	109,453	1.5
Wood products.....	4,522	4,444	4,512	1.8	-1.5	-0.2	4,768	4,640	4,656	4,534	5.2
Nonmetallic mineral products.....	6,254	6,304	6,291	-0.8	0.2	-0.2	6,429	6,469	6,345	6,410	0.3
Primary metals.....	10,164	10,159	9,983	0.0	1.8	1.3	10,245	10,313	10,078	9,952	2.9
Fabricated metal products.....	18,148	18,342	18,266	-1.1	0.4	0.0	18,513	18,618	18,294	18,455	0.3
Machinery.....	23,599	23,459	23,468	0.6	0.0	0.5	23,772	23,887	23,575	23,206	2.4
Computers and electronic products.....	11,934	11,841	11,844	0.8	0.0	1.6	11,491	11,982	11,695	11,451	0.3
Electrical equipment, appliances, and components.....	6,503	6,454	6,398	0.8	0.9	1.3	6,495	6,479	6,304	6,233	4.2
Transportation equipment.....	15,380	15,460	15,685	-0.5	-1.4	-6.2	15,146	15,377	15,665	15,538	-2.5
Furniture and related products.....	2,574	2,582	2,514	-0.3	2.7	1.2	2,444	2,524	2,429	2,385	2.5
Miscellaneous products.....	11,974	11,907	11,868	0.6	0.3	1.0	11,826	11,935	11,845	11,289	4.8
Nondurable goods industries.....	114,557	114,412	114,599	0.1	-0.2	1.0	113,433	113,668	112,997	110,698	2.5
Food products.....	30,054	30,216	29,884	-0.5	1.1	0.2	29,168	29,691	29,038	28,422	2.6
Beverage and tobacco products.....	8,201	8,244	8,258	-0.5	-0.2	1.2	8,090	8,171	8,125	7,843	3.1
Textiles.....	1,369	1,342	1,358	2.0	-1.2	0.3	1,366	1,341	1,355	1,280	6.7
Textile products.....	1,674	1,652	1,631	1.3	1.3	0.9	1,682	1,672	1,649	1,582	6.3
Apparel.....	1,451	1,428	1,423	1.6	0.4	0.9	1,373	1,402	1,437	1,433	-4.2
Leather and allied products.....	469	459	448	2.2	2.5	1.6	453	445	441	439	3.2
Paper products.....	6,733	6,749	6,815	-0.2	-1.0	2.0	6,752	6,814	6,843	6,775	-0.3
Printing.....	1,737	1,744	1,735	-0.4	0.5	0.7	1,716	1,738	1,703	1,595	7.6
Petroleum and coal products.....	13,325	13,699	13,845	-2.7	-1.1	4.2	12,546	12,999	13,424	10,634	18.0
Chemical products.....	37,135	36,486	36,657	1.8	-0.5	0.5	37,585	36,800	36,586	38,214	-1.6
Plastics and rubber products.....	12,409	12,393	12,545	0.1	-1.2	0.6	12,702	12,595	12,396	12,481	1.8

^p Preliminary

^f 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.

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/>>

Source: U.S. Census Bureau, Manufacturers' Shipments, Inventories, and Orders (M3) Survey, March Full Report, May 4, 2017. Information on data sources and methodology can be found on our website at <www.census.gov/manufacturing/m3/how_the_data_are_collected/index.html>.

Table 7. Ratios of Manufacturers' Inventories to Shipments and Unfilled Orders to Shipments, by Industry Group ¹

[Based on Seasonally Adjusted data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

Industry	Inventory/Shipments ratio				Unfilled Orders/Shipments ratio ²			
	Mar 2017 ^p	Feb 2017 ^r	Jan 2017	Dec 2016	Mar 2017 ^p	Feb 2017 ^r	Jan 2017	Dec 2016
	All manufacturing industries ³	1.32	1.31	1.31	1.31	(X)	(X)	(X)
Durable goods industries ³	1.61	1.61	1.61	1.61	6.52	6.54	6.57	6.59
Wood products.....	1.29	1.27	1.31	1.31	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.27	1.28	1.29	1.30	(X)	(X)	(X)	(X)
Primary metals.....	1.72	1.71	1.71	1.71	1.82	1.82	1.81	1.82
Fabricated metal products.....	1.55	1.55	1.56	1.57	2.45	2.44	2.46	2.49
Machinery.....	2.13	2.13	2.15	2.13	3.26	3.28	3.30	3.25
Computers and electronic products ³	1.54	1.53	1.53	1.52	5.84	5.83	5.90	5.87
Electrical equipment, appliances, and components.....	1.71	1.70	1.71	1.69	2.09	2.10	2.12	2.10
Transportation equipment.....	1.50	1.51	1.50	1.50	13.73	13.77	13.80	13.85
Furniture and related products.....	1.15	1.15	1.14	1.13	1.60	1.60	1.58	1.54
Miscellaneous products.....	1.79	1.80	1.80	1.79	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.02	1.02	1.02	1.02	(X)	(X)	(X)	(X)
Food products.....	0.82	0.82	0.82	0.82	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.68	1.70	1.70	1.66	(X)	(X)	(X)	(X)
Textiles.....	1.23	1.19	1.21	1.23	(X)	(X)	(X)	(X)
Textile products.....	1.49	1.49	1.47	1.45	(X)	(X)	(X)	(X)
Apparel.....	2.27	2.21	2.15	2.23	(X)	(X)	(X)	(X)
Leather and allied products.....	2.38	2.31	2.23	2.21	(X)	(X)	(X)	(X)
Paper products.....	1.04	1.05	1.06	1.05	(X)	(X)	(X)	(X)
Printing.....	0.86	0.85	0.85	0.87	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.68	0.68	0.67	0.67	(X)	(X)	(X)	(X)
Chemical products.....	1.19	1.19	1.20	1.20	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.34	1.33	1.33	1.33	(X)	(X)	(X)	(X)

^x Not Applicable

^p Preliminary

^r Revised data due to late receipts and concurrent seasonal adjustment.

² 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.

³ Unfilled orders to shipments ratio excludes semiconductor manufacturing.

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/>>.

Source: U.S. Census Bureau, Manufacturers' Shipments, Inventories, and Orders (M3) Survey, March Full Report, May 4, 2017. Information on data sources and methodology can be found on our website at <www.census.gov/manufacturing/m3/how_the_data_are_collected/index.html>.

Table 8. Revisions to Previously Published Monthly Percent Changes ¹

[Based on Seasonally Adjusted data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

Industry	Shipments		New Orders		Unfilled Orders		Inventories	
	Mar ² 2017	Mar ³ 2016- Feb 2017	Mar ² 2017	Mar ³ 2016- Feb 2017	Mar ² 2017	Mar ³ 2016- Feb 2017	Mar ² 2017	Mar ³ 2016- Feb 2017
	All manufacturing industries.....	(X)	0.2	(X)	0.2	(X)	0.1	(X)
Durable goods industries.....	0.1	0.1	0.2	0.5	0.1	0.1	0.1	0.1
Wood products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.3
Nonmetallic mineral products.....	(X)	0.1	(X)	(NA)	(X)	(NA)	(X)	0.1
Primary metals.....	0.3	0.4	-0.4	0.8	-0.1	0.4	0.3	0.3
Fabricated metal products.....	0.2	0.3	0.6	0.4	0.2	0.2	0.0	0.2
Machinery.....	0.0	0.4	0.5	0.4	0.0	0.1	0.0	0.1
Computers and electronic products.....	-0.3	0.4	-0.6	0.7	-0.1	0.1	0.1	0.2
Electrical equipment, appliances, and components.....	0.3	0.4	0.8	0.7	0.3	0.2	0.6	0.3
Transportation equipment.....	-0.1	0.2	0.2	1.2	0.1	0.1	0.0	0.1
Furniture and related products.....	(X)	0.3	(X)	0.9	(X)	0.5	(X)	0.2
Miscellaneous products.....	(X)	0.6	(X)	0.6	(X)	0.2	(X)	0.2
Nondurable goods industries.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.3
Food products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.5
Beverage and tobacco products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.3
Textiles.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.3
Textile products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.3
Apparel.....	(X)	1.1	(X)	(NA)	(X)	(NA)	(X)	0.4
Leather and allied products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.4
Paper products.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.2
Printing.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.4
Petroleum and coal products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	1.6
Chemical products.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.1
Plastics and rubber products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.2

^X Not Applicable

^{NA} Not Available

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 The current month revisions are the difference between the advance percent change and the percent change as shown in this publication.

³ 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.

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/>>.

Source: U.S. Census Bureau, Manufacturers' Shipments, Inventories, and Orders (M3) Survey, March Full Report, May 4, 2017. Information on data sources and methodology can be found on our website at <www.census.gov/manufacturing/m3/how_the_data_are_collected/index.html>.