

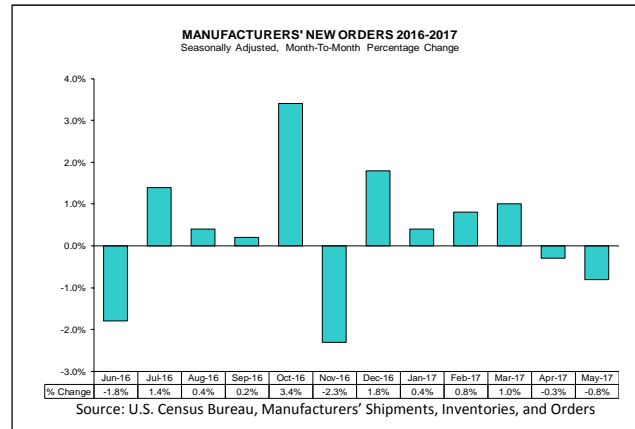
FOR RELEASE AT 10:00 AM EDT, WEDNESDAY, JULY 5, 2017

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

Release Number: CB 17-96 M3-2 (17)-05

July 5, 2017 — The U.S. Census Bureau announces the May full report on manufacturers' shipments, inventories and orders:

MANUFACTURED GOODS – NEW ORDERS		
MAY 2017	\$464.9 billion	-0.8%°
APRIL 2017 (revised)	\$468.6 billion	-0.3%°
Next release: August 3, 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 May, down two consecutive months, decreased \$3.7 billion or 0.8 percent to \$464.9 billion, the U.S. Census Bureau reported today. This followed a 0.3 percent April decrease. Shipments, up five of the last six months, increased \$0.6 billion or 0.1 percent to \$471.5 billion. This followed a virtually unchanged April increase. Unfilled orders, down following two consecutive monthly increases, decreased \$2.3 billion or 0.2 percent to \$1,120.2 billion. This followed a 0.2 percent April increase. The unfilled orders-to-shipments ratio was 6.75, down from 6.83 in April. Inventories, down following six consecutive monthly increases, decreased \$0.3 billion or 0.1 percent to \$648.9 billion. This followed a virtually unchanged April increase. The inventories-to-shipments ratio was 1.38, unchanged from April.

New Orders

New orders for manufactured durable goods in May, down two consecutive months, decreased \$1.9 billion or 0.8 percent to \$229.1 billion, up from the previously published 1.1 percent decrease. This followed a 0.8 percent April decrease. Transportation equipment, also down two consecutive months, drove the decrease, \$2.4 billion or 3.0 percent to \$75.9 billion. New orders for manufactured nondurable goods decreased \$1.8 billion or 0.8 percent to \$235.7 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 May, up following two consecutive monthly decreases, increased \$2.4 billion or 1.0 percent to \$235.8 billion, up from the previously published 0.8 percent increase. This followed a 0.2 percent April decrease. Transportation equipment, up following four consecutive monthly decreases, led the increase, \$1.8 billion or 2.3 percent to \$79.2 billion. Shipments of manufactured nondurable goods, down two of the last three months, decreased \$1.8 billion or 0.8 percent to \$235.7 billion. This followed a 0.2 percent April increase. Petroleum and coal products, down four consecutive months, led the decrease, \$1.4 billion or 3.2 percent to \$41.1 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in May, down following two consecutive monthly increases, decreased \$2.3 billion or 0.2 percent to \$1,120.2 billion, virtually unchanged from the previously published decrease. This followed a 0.2 percent April increase. Transportation equipment, also down following two consecutive monthly increases, drove the decrease, \$3.3 billion or 0.4 percent to \$762.9 billion.

Inventories

Inventories of manufactured durable goods in May, up ten of the last eleven months, increased \$0.9 billion or 0.2 percent to \$395.8 billion, virtually unchanged from the previously published increase. This followed a 0.2 percent April increase. Primary metals, also up ten of the last eleven months, led the increase, \$0.3 billion or 0.8 percent to \$33.1 billion. Inventories of manufactured nondurable goods, down three consecutive months, decreased \$1.3 billion or 0.5 percent to \$253.1 billion. This followed a 0.4 percent April decrease. Petroleum and coal products, also down three consecutive months, drove the decrease, \$1.4 billion or 3.7 percent to \$35.1 billion. By stage of fabrication, May materials and supplies increased 0.5 percent in durable goods and decreased 0.1 percent in nondurable goods. Work in process increased 0.1 percent in durable goods and decreased 0.1 percent in nondurable goods. Finished goods increased 0.2 percent in durable goods and decreased 1.0 percent in nondurable goods.

The Advance Report on durable goods for June is scheduled for release on July 27, 2017 at 8:30 a.m. EDT and the Full Report on August 3, 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 5,000 reporting units that represent approximately 3,100 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 64 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 57 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 were 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 spanned 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 contains 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
	May 2017 ^P	Apr. 2017 ^T	Mar. 2017	Apr. - May	Mar. - Apr.	Feb. - Mar.	May 2017 ^P	Apr. 2017 ^T	Mar. 2017	May 2016	2017 ^P	2016	
All manufacturing industries.....	471,513	470,922	470,776	0.1	0.0	-0.2	488,349	460,979	501,901	458,705	2,318,360	2,216,393	4.6
Excluding transportation.....	392,331	393,521	393,182	-0.3	0.1	-0.1	406,690	387,634	411,907	381,530	1,931,704	1,828,909	5.6
Excluding defense.....	459,245	458,851	458,544	0.1	0.1	-0.1	476,578	450,044	487,603	447,973	2,260,254	2,162,589	4.5
With unfilled orders.....	165,830	164,416	164,629	0.9	-0.1	0.2	170,720	157,574	181,870	159,809	806,953	777,343	3.8
Durable goods industries.....	235,768	233,336	233,738	1.0	-0.2	-0.1	242,628	225,345	257,455	227,509	1,151,080	1,121,353	2.7
Wood products.....	9,052	9,219	9,230	-1.8	-0.1	-1.2	9,929	9,680	9,337	9,064	45,062	41,132	9.6
Nonmetallic mineral products.....	10,609	10,558	10,618	0.5	-0.6	0.2	11,279	10,309	10,748	10,633	50,342	49,183	2.4
Primary metals.....	19,363	19,172	19,170	1.0	0.0	1.1	20,431	19,071	20,635	17,903	96,792	87,751	10.3
Iron and steel mills.....	9,165	9,070	9,009	1.0	0.7	2.4	9,692	9,022	9,525	8,354	45,179	40,971	10.3
Aluminum and nonferrous metals.....	8,890	8,833	8,863	0.6	-0.3	0.1	9,358	8,805	9,697	8,180	45,155	39,954	13.0
Ferrous metal foundries.....	1,308	1,269	1,298	3.1	-2.2	-0.7	1,381	1,244	1,413	1,369	6,458	6,826	-5.4
Fabricated metal products.....	31,565	31,176	31,189	1.2	0.0	0.1	33,022	30,522	32,744	30,183	153,913	144,653	6.4
Machinery.....	30,800	30,774	30,668	0.1	0.3	0.7	32,110	30,745	34,642	29,996	152,527	150,658	1.2
Farm machinery.....	2,550	2,531	2,573	0.8	-1.6	0.2	2,791	3,173	3,281	2,644	14,402	13,994	2.9
Construction machinery.....	1,983	1,997	2,000	-0.7	-0.2	1.1	2,107	2,059	2,327	2,063	10,013	10,313	-2.9
Mining, oil field, and gas field machinery.....	1,011	983	975	2.8	0.8	-0.2	998	913	1,046	795	4,675	5,941	-21.3
Industrial machinery.....	2,843	2,928	2,875	-2.9	1.8	1.0	2,745	2,690	3,317	2,606	13,508	13,283	1.7
Photographic equipment.....	569	584	565	-2.6	3.4	3.1	549	510	669	532	2,640	2,666	-1.0
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,767	3,783	3,834	-0.4	-1.3	1.6	4,110	3,564	4,248	3,766	17,978	17,292	4.0
Metaworking machinery.....	2,916	2,989	2,975	-2.4	0.5	-2.2	2,954	2,674	3,216	2,722	14,120	13,163	7.3
Turbines, generators, and other power transmission equipment.....	4,025	3,934	3,850	2.3	2.2	4.1	4,251	4,078	4,000	3,909	19,500	19,311	1.0
Material handling equipment.....	2,806	2,808	2,770	-0.1	1.4	0.8	2,900	2,658	3,048	2,601	13,596	12,817	6.1
Computers and electronic products ²	26,347	26,310	26,396	0.1	-0.3	-1.6	24,908	23,960	28,619	23,913	125,110	119,287	4.9
Computers.....	744	743	751	0.1	-1.1	-8.3	688	693	785	717	3,388	3,280	3.3
Computer storage devices.....	659	697	656	-5.5	6.3	-7.9	497	445	991	517	2,860	2,833	1.0
Other peripheral equipment.....	543	543	509	0.0	6.7	-11.5	530	428	639	566	2,453	2,808	-12.6
Nondefense communications equipment.....	2,749	2,722	2,776	1.0	-1.9	2.1	2,623	2,305	3,256	2,508	12,512	11,955	4.7
Defense communications equipment.....	241	232	238	3.9	-2.5	-0.4	232	232	252	243	1,147	1,197	-4.2
Audio and video equipment.....	328	325	321	0.9	1.2	2.6	316	273	311	302	1,443	1,377	4.8
Electronic components.....	3,935	3,918	4,043	0.4	-3.1	0.0	4,055	3,748	4,256	3,922	18,958	17,918	5.8
Nondefense search and navigation equipment.....	1,433	1,461	1,424	-1.9	2.6	1.9	1,481	1,264	1,666	1,295	6,938	6,392	8.5
Defense search and navigation equipment.....	2,590	2,648	2,583	-2.2	2.5	-1.1	2,495	2,479	2,754	2,383	12,333	11,418	8.0
Electromedical, measuring, and control instruments.....	8,581	8,637	8,536	-0.6	1.2	-1.0	8,288	7,840	9,573	8,127	40,662	39,728	2.4
Electrical equipment, appliances, and components.....	10,056	10,045	10,151	0.1	-1.0	1.0	10,228	9,599	10,820	9,877	48,594	47,864	1.5
Electric lighting equipment.....	1,115	1,091	1,105	2.2	-1.3	1.2	1,081	1,037	1,131	1,026	5,222	5,209	0.2
Household appliances.....	1,560	1,572	1,590	-0.8	-1.1	1.3	1,634	1,519	1,725	1,705	7,570	8,053	-6.0
Electrical equipment.....	2,682	2,730	2,763	-1.8	-1.2	-0.4	2,747	2,529	3,133	2,889	13,411	14,135	-5.1
Batteries.....	941	898	898	4.8	0.0	-1.1	919	806	878	845	4,213	4,311	-2.3
Transportation equipment.....	79,182	77,401	77,594	2.3	-0.2	-0.3	81,659	73,345	89,994	77,175	386,656	387,484	-0.2
Automobiles.....	8,339	8,305	7,822	0.4	6.2	0.2	8,717	7,862	8,774	8,982	40,848	48,455	-15.7
Light trucks and utility vehicles.....	16,304	15,608	16,075	4.5	-2.9	-1.5	16,480	14,893	18,905	14,351	80,551	76,884	4.8
Heavy duty trucks.....	2,455	2,324	2,265	5.6	2.6	2.3	2,680	2,258	2,558	2,447	11,342	12,261	-7.5
Motor vehicle bodies, parts, and trailers.....	27,467	27,384	27,143	0.3	0.9	-0.9	29,113	27,006	30,359	26,743	138,809	133,248	4.2
Nondefense aircraft and parts.....	11,878	11,319	11,599	4.9	-2.4	2.7	11,783	9,634	14,328	12,634	54,039	57,530	-6.1
Defense aircraft and parts.....	4,073	3,823	3,974	6.5	-3.8	-0.4	3,947	3,240	4,994	3,760	18,218	18,346	-0.7
Ships and boats.....	3,211	3,103	3,150	3.5	-1.5	-0.4	3,247	3,012	3,469	3,028	15,243	15,105	0.9
Furniture and related products.....	6,503	6,434	6,466	1.1	-0.5	0.0	6,497	6,254	6,634	6,292	31,657	31,264	1.3
Miscellaneous durable goods.....	12,291	12,247	12,256	0.4	-0.1	0.5	12,565	11,860	13,282	12,473	60,427	62,077	-2.7
Nondurable goods industries.....	235,745	237,586	237,038	-0.8	0.2	-0.3	245,721	235,634	244,446	231,196	1,167,280	1,095,040	6.6
Food products.....	68,403	68,408	67,550	0.0	1.3	1.0	68,241	66,420	68,868	64,284	332,070	318,518	4.3
Grain and oilseed milling.....	7,482	7,463	7,468	0.3	-0.1	-1.2	7,230	6,884	7,569	6,845	36,424	35,556	2.4
Dairy products.....	9,855	9,905	9,845	-0.5	0.6	4.8	9,898	9,531	10,014	9,220	48,164	45,446	6.0
Meat, poultry, and seafood products.....	19,715	19,501	19,511	1.1	-0.1	-0.3	20,139	19,429	19,633	18,990	95,142	91,688	3.8
Beverage and tobacco products.....	13,389	13,357	13,425	0.2	-0.5	1.3	13,962	13,105	13,587	13,765	64,712	64,200	0.8
Beverages.....	9,503	9,617	9,697	-1.2	-0.8	-1.1	10,076	9,365	9,859	10,530	46,505	47,816	-2.7
Tobacco.....	3,886	3,740	3,728	3.9	0.3	8.1	3,886	3,740	3,728	3,235	18,207	16,384	11.1
Textile mills.....	2,632	2,608	2,593	0.9	0.6	-1.9	2,749	2,654	2,750	2,572	13,113	12,575	4.3
Textile products.....	2,223	2,197	2,195	1.2	0.1	0.5	2,317	2,271	2,289	2,227	10,981	10,750	2.1
Apparel.....	1,061	1,038	1,010	2.2	2.8	-2.7	1,001	901	944	940	4,786	4,558	5.0
Leather and allied products.....	384	384	384	0.0	0.0	-1.5	389	391	402	385	1,946	1,916	1.3
Paper products.....	15,692	15,577	15,724	0.7	-0.9	0.6	16,231	15,005	16,276	15,713	77,266	76,803	0.6
Pulp, paper, and paperboard mills.....	6,566	6,526	6,591	0.6	-1.0	0.4	6,682	6,294	6,774	6,551	32,377	32,531	-0.5
Paperboard containers.....	5,383	5,351	5,430	0.6	-1.5	0.5	5,541	5,159	5,687	5,257	26,625	25,790	3.2
Printing.....	6,278	6,331	6,418	-0.8	-1.4	-2.1	6,546	6,282	6,676	7,033	31,607	33,840	-6.6
Petroleum and coal products.....	41,125	42,498	42,577	-3.2	-0.2	-2.2	44,740	43,419	41,146	37,690	205,849	155,520	32.4
Petroleum refineries.....	37,093	38,407	38,596	-3.4	-0.5	-2.8	40,353	39,544	37,298	33,783	187,767	139,238	34.9
Chemical products.....	64,594	65,253	65,262	-1.0	0.0	-0.3	68,422	65,470	70,435	65,981	326,086	317,546	2.7
Pesticides, fertilizers, and other agricultural chemicals.....	2,722	2,799	2,911	-2.8	-3.8	-3.5	3,442	3,743	4,128	4,286	17,031	20,025	-15.0
Pharmaceuticals and medicines.....	21,886	21,872	21,535	0.1	1.6	-0.7	23,130	21,337	22,717	20,955	107,564	101,278	6.2
Paints, coatings, and adhesives.....	3,812	3,756	3,714	1.5	1.1	0.9	4,336	4,022	4,105	3,987	18,961	18,210	4.1
Plastics and rubber products.....	19,964	19,935	19,900	0.1	0.2	-0.9	21,123	19,716	21,073	20,606	98,870	98,814	0.1

^P Preliminary

^T 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, May Full Report, July 5, 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		
	May 2017 ^P	Apr. 2017 ^f	Mar. 2017	Apr. - May	Mar. - Apr.	Feb. - Mar.	May 2017 ^P	Apr. 2017 ^f	Mar. 2017	May 2016	2017 ^P	2016	% Change 2017/ 2016
All manufacturing industries ²	464,862	468,572	469,855	-0.8	-0.3	1.0	477,427	457,343	504,579	450,461	2,298,305	2,193,474	4.8
Excluding transportation ²	388,973	390,332	390,342	-0.3	0.0	0.2	403,512	386,218	412,355	377,785	1,928,583	1,822,545	5.8
Excluding defense ²	453,571	455,999	457,160	-0.5	-0.3	0.4	468,628	445,604	488,659	443,232	2,243,138	2,139,413	4.8
With unfilled orders ²	163,563	166,284	168,079	-1.6	-1.1	3.5	163,351	158,045	188,495	154,716	808,477	773,798	4.5
Durable goods industries ²	229,117	230,986	232,817	-0.8	-0.8	2.4	231,706	221,709	260,133	219,265	1,131,025	1,098,434	3.0
Primary metals.....	19,533	19,408	19,366	0.6	0.2	0.8	20,197	19,289	20,896	17,706	98,290	89,390	10.0
Iron and steel mills.....	9,193	8,950	9,071	2.7	-1.3	3.2	9,605	8,945	9,737	8,389	45,894	42,743	7.4
Aluminum and nonferrous metals.....	8,997	9,196	8,984	-2.2	2.4	-1.5	9,189	9,109	9,745	7,870	45,754	39,281	16.5
Ferrous metal foundries.....	1,343	1,262	1,311	6.4	-3.7	-0.4	1,403	1,235	1,414	1,447	6,642	7,366	-9.8
Fabricated metal products.....	31,866	31,859	32,188	0.0	-1.0	5.2	33,900	31,718	34,887	30,752	159,976	148,673	7.6
Machinery.....	31,183	30,838	30,936	1.1	-0.3	0.7	32,088	31,135	34,885	28,423	156,933	150,052	4.6
Construction machinery.....	1,937	1,919	2,337	0.9	-17.9	18.0	1,812	2,061	2,679	1,520	10,670	9,507	12.2
Mining, oil field, and gas field machinery.....	1,003	924	990	8.5	-6.7	2.5	968	766	1,024	250	4,617	4,418	4.5
Industrial machinery.....	2,983	2,877	2,806	3.7	2.5	-0.2	2,751	2,757	3,274	2,283	13,965	12,919	8.1
Photographic equipment.....	528	545	561	-3.1	-2.9	1.4	501	486	634	540	2,584	2,648	-2.4
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,812	3,792	3,931	0.5	-3.5	3.3	4,167	3,593	4,472	3,783	18,697	17,567	6.4
Metalworking machinery.....	2,988	2,994	2,956	-0.2	1.3	1.3	2,995	2,834	3,068	2,612	14,232	13,939	2.1
Turbines, generators, and other power transmission equipment.....	3,974	3,787	3,785	4.9	0.1	1.3	4,102	4,030	3,838	3,626	19,453	19,084	1.9
Material handling equipment.....	2,758	2,843	2,858	-3.0	-0.5	-0.8	2,886	2,682	3,233	2,819	14,365	13,350	7.6
Computers and electronic products ²	22,099	22,133	21,910	-0.2	1.0	-2.3	20,926	20,364	25,565	21,017	106,438	104,191	2.2
Computers.....	743	759	754	-2.1	0.7	-14.1	687	709	788	721	3,471	3,256	6.6
Nondefense communications equipment.....	2,788	2,901	2,770	-3.9	4.7	-8.5	2,366	2,781	3,308	2,607	13,988	13,443	4.1
Defense communications equipment.....	239	222	245	7.7	-9.4	5.6	220	223	318	227	1,183	1,237	-4.4
Electronic components.....	4,000	4,013	4,032	-0.3	-0.5	-0.5	4,114	3,923	4,129	3,922	19,465	18,178	7.1
Nondefense search and navigation equipment.....	1,540	1,485	1,436	3.7	3.4	8.0	1,498	1,464	1,676	1,277	7,384	6,751	9.4
Defense search and navigation equipment.....	2,460	2,354	2,482	4.5	-5.2	1.5	2,176	2,285	3,101	2,368	11,997	12,807	-6.3
Electromedical, measuring, and control instruments.....	8,639	8,668	8,517	-0.3	1.8	-1.6	8,372	7,687	10,115	8,328	41,357	40,494	2.1
Electrical equipment, appliances, and components.....	10,209	10,112	10,339	1.0	-2.2	1.1	10,309	9,506	11,132	9,874	50,232	49,625	1.2
Electric lighting equipment.....	1,117	1,121	1,099	-0.4	2.0	-0.5	1,093	1,073	1,132	1,030	5,366	5,321	0.8
Household appliances.....	1,578	1,571	1,584	0.4	-0.8	-1.6	1,652	1,554	1,732	1,692	7,648	8,036	-4.8
Electrical equipment.....	2,707	2,755	2,804	-1.7	-1.7	-2.3	2,771	2,580	3,160	2,868	13,925	14,384	-3.2
Transportation equipment.....	75,889	78,240	79,513	-3.0	-1.6	5.4	73,915	71,125	92,224	72,676	369,722	370,929	-0.3
Motor vehicle bodies, parts, and trailers.....	27,633	27,603	27,362	0.1	0.9	-1.4	29,291	26,899	30,485	26,934	139,972	132,298	5.8
Nondefense aircraft and parts.....	9,825	11,113	12,653	-11.6	-12.2	15.4	7,017	6,472	15,320	11,984	39,394	44,234	-10.9
Defense aircraft and parts.....	3,717	5,372	4,995	-30.8	7.5	42.9	2,917	5,154	5,919	2,176	20,392	20,074	1.6
Ships and boats.....	2,898	3,098	3,035	-6.5	2.1	82.1	2,634	2,784	3,191	1,512	13,187	12,156	8.5
Furniture and related products.....	6,366	6,366	6,454	0.0	-1.4	-3.3	6,578	6,717	7,170	6,629	33,565	33,168	1.2
Nondurable goods industries.....	235,745	237,586	237,038	-0.8	0.2	-0.3	245,721	235,634	244,446	231,196	1,167,280	1,095,040	6.6

^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 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, May Full Report, July 5, 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 May 2017/ 2016
	Monthly			Percent Change			Monthly				
	May 2017 ^P	Apr. 2017 ^F	Mar. 2017	Apr. - May	Mar. - Apr.	Feb. - Mar.	May 2017 ^P	Apr. 2017 ^F	Mar. 2017	May 2016	
All manufacturing industries ²	1,120,161	1,122,428	1,120,560	-0.2	0.2	0.3	1,124,266	1,131,635	1,131,164	1,140,392	-1.4
Excluding transportation ²	357,256	356,230	355,201	0.3	0.3	0.4	363,121	362,746	360,055	351,822	3.2
Excluding defense ²	943,527	944,817	943,451	-0.1	0.1	0.3	947,317	951,714	952,047	963,871	-1.7
Durable goods industries ²	1,120,161	1,122,428	1,120,560	-0.2	0.2	0.3	1,124,266	1,131,635	1,131,164	1,140,392	-1.4
Primary metals.....	30,029	29,859	29,623	0.6	0.8	0.7	30,440	30,674	30,456	29,218	4.2
Iron and steel mills.....	14,454	14,426	14,546	0.2	-0.8	0.4	14,912	14,999	15,076	14,482	3.0
Aluminum and nonferrous metals.....	11,523	11,416	11,053	0.9	3.3	1.1	11,383	11,552	11,248	10,802	5.4
Ferrous metal foundries.....	4,052	4,017	4,024	0.9	-0.2	0.3	4,145	4,123	4,132	3,934	5.4
Fabricated metal products.....	77,314	77,013	76,330	0.4	0.9	1.3	79,322	78,444	77,248	77,912	1.8
Machinery.....	98,905	98,522	98,458	0.4	0.1	0.3	100,055	100,077	99,687	98,319	1.8
Construction machinery.....	5,174	5,220	5,298	-0.9	-1.5	6.8	5,411	5,706	5,704	5,449	-0.7
Mining, oil field, and gas field machinery.....	5,109	5,117	5,176	-0.2	-1.1	0.3	5,049	5,079	5,226	5,646	-10.6
Industrial machinery.....	8,244	8,104	8,155	1.7	-0.6	-0.8	8,326	8,320	8,253	9,128	-8.8
Photographic equipment.....	1,323	1,364	1,403	-3.0	-2.8	-0.3	1,335	1,383	1,407	1,282	4.1
Ventilation, heating, air-conditioning, and refrigeration equipment.....	5,949	5,904	5,895	0.8	0.2	1.7	6,197	6,140	6,111	5,882	5.4
Metalworking machinery.....	8,002	7,930	7,925	0.9	0.1	-0.2	8,121	8,080	7,920	8,225	-1.3
Turbines, generators, and other power transmission equipment.....	29,592	29,643	29,790	-0.2	-0.5	-0.2	29,530	29,679	29,727	29,198	1.1
Material handling equipment.....	11,679	11,727	11,692	-0.4	0.3	0.8	11,948	11,962	11,938	11,052	8.1
Computers and electronic products ²	117,706	117,570	117,529	0.1	0.0	-0.1	118,815	119,244	118,733	115,107	3.2
Computers.....	1,772	1,773	1,757	-0.1	0.9	0.2	1,772	1,773	1,757	1,655	7.1
Nondefense communications equipment.....	25,379	25,340	25,161	0.2	0.7	0.0	25,692	25,949	25,473	23,369	9.9
Defense communications equipment.....	1,585	1,587	1,597	-0.1	-0.6	0.4	1,593	1,605	1,614	1,644	-3.1
Electronic components.....	11,450	11,385	11,290	0.6	0.8	-0.1	11,572	11,513	11,338	11,125	4.0
Nondefense search and navigation equipment.....	18,330	18,223	18,199	0.6	0.1	0.1	18,406	18,389	18,189	17,493	5.2
Defense search and navigation equipment.....	27,341	27,471	27,765	-0.5	-1.1	-0.4	27,567	27,886	28,080	28,758	-4.1
Electromedical, measuring, and control instruments.....	31,849	31,791	31,760	0.2	0.1	-0.1	32,213	32,129	32,282	31,063	3.7
Electrical equipment, appliances, and components.....	22,910	22,757	22,690	0.7	0.3	0.8	23,275	23,194	23,287	20,603	13.0
Electric lighting equipment.....	1,536	1,534	1,504	0.1	2.0	-0.4	1,575	1,563	1,527	1,568	0.4
Household appliances.....	1,096	1,078	1,079	1.7	-0.1	-0.6	1,137	1,119	1,084	968	17.5
Electrical equipment.....	8,585	8,560	8,535	0.3	0.3	0.5	8,665	8,641	8,590	8,085	7.2
Transportation equipment.....	762,905	766,198	765,359	-0.4	0.1	0.3	761,145	768,889	771,109	788,570	-3.5
Motor vehicle bodies, parts, and trailers.....	23,761	23,595	23,376	0.7	0.9	0.9	24,063	23,885	23,992	23,361	3.0
Nondefense aircraft and parts.....	571,238	573,291	573,497	-0.4	0.0	0.2	569,134	573,900	577,062	596,997	-4.7
Defense aircraft and parts.....	73,237	73,593	72,044	-0.5	2.2	1.4	73,574	74,604	72,690	68,812	6.9
Ships and boats.....	23,379	23,692	23,697	-1.3	0.0	-0.5	23,575	24,188	24,416	24,242	-2.8
Furniture and related products.....	9,652	9,789	9,857	-1.4	-0.7	-0.1	10,474	10,393	9,930	9,949	5.3

^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, May Full Report, July 5, 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 May 2017/ 2016
	May 2017 ^p	Apr. 2017 ^r	Mar. 2017	Apr. - May	Mar. - Apr.	Feb. - Mar.	May 2017 ^p	Apr. 2017 ^r	Mar. 2017	May 2016	
All manufacturing industries.....	648,904	649,250	649,198	-0.1	0.0	0.2	654,356	653,441	646,595	640,235	2.2
Excluding transportation.....	519,393	519,703	519,794	-0.1	0.0	0.3	523,950	523,017	516,961	507,576	3.2
Excluding defense.....	622,040	622,409	623,169	-0.1	-0.1	0.2	627,326	626,563	620,504	613,783	2.2
With unfilled orders.....	322,083	321,217	320,544	0.3	0.2	0.2	325,175	323,128	319,787	320,753	1.4
Durable goods industries.....	395,767	394,856	393,902	0.2	0.2	0.3	399,256	397,120	393,283	392,497	1.7
Wood products.....	11,702	11,640	11,567	0.5	0.6	0.8	11,575	11,574	11,822	10,797	7.2
Nonmetallic mineral products.....	13,180	13,125	13,071	0.4	0.4	0.0	13,483	13,440	13,314	13,233	1.9
Primary metals.....	33,080	32,802	32,379	0.8	1.3	1.0	32,982	32,758	32,194	30,629	7.7
Iron and steel mills.....	18,761	18,518	18,184	1.3	1.8	1.1	18,551	18,301	18,024	16,925	9.6
Aluminum and nonferrous metals.....	12,395	12,359	12,287	0.3	0.6	1.1	12,472	12,480	12,227	11,685	6.7
Ferrous metal foundries.....	1,924	1,925	1,908	-0.1	0.9	-0.6	1,959	1,977	1,943	2,019	-3.0
Fabricated metal products.....	48,647	48,452	48,182	0.4	0.6	0.0	49,070	48,892	48,486	48,061	2.1
Machinery.....	67,539	67,446	67,340	0.1	0.2	0.9	68,520	67,804	67,135	66,100	3.7
Farm machinery.....	3,566	3,604	3,622	-1.1	-0.5	3.7	3,656	3,638	3,767	3,381	8.1
Construction machinery.....	5,161	5,130	5,109	0.6	0.4	-1.0	5,150	5,186	5,147	5,303	-2.9
Mining, oil field, and gas field machinery.....	7,703	7,857	7,866	-2.0	-0.1	-0.1	7,811	7,935	7,875	7,186	8.7
Industrial machinery.....	7,668	7,555	7,580	1.5	-0.3	2.0	7,720	7,452	7,715	7,200	7.2
Photographic equipment.....	1,369	1,377	1,364	-0.6	1.0	-1.2	1,363	1,347	1,307	1,379	-1.2
Ventilation, heating, air-conditioning, and refrigeration equipment.....	5,105	5,088	4,998	0.3	1.8	2.0	5,412	5,373	5,106	4,889	10.7
Metalworking machinery.....	5,794	5,770	5,700	0.4	1.2	-0.6	5,829	5,745	5,641	5,659	3.0
Turbines, generators, and other power transmission equipment.....	9,593	9,462	9,549	1.4	-0.9	4.7	9,806	9,504	9,176	9,473	3.5
Material handling equipment.....	4,901	4,901	4,917	0.0	-0.3	0.9	4,969	4,910	4,846	4,709	5.5
Computers and electronic products ²	44,344	44,167	44,107	0.4	0.1	0.2	45,098	44,425	43,370	44,208	2.0
Computers.....	1,724	1,738	1,773	-0.8	-2.0	-0.3	1,762	1,707	1,667	1,570	12.2
Computer storage devices.....	1,434	1,445	1,447	-0.8	-0.1	0.8	1,461	1,425	1,330	1,385	5.5
Other peripheral equipment.....	1,193	1,211	1,217	-1.5	-0.5	3.0	1,253	1,237	1,164	1,205	4.0
Nondefense communications equipment.....	4,084	4,065	4,007	0.5	1.4	-0.2	4,145	4,040	3,953	4,087	1.4
Defense communications equipment.....	570	571	563	-0.2	1.4	-0.9	570	571	563	590	-3.4
Audio and video equipment.....	741	736	767	0.7	-4.0	4.4	686	684	679	607	13.0
Electronic components.....	7,767	7,687	7,620	1.0	0.9	0.4	7,857	7,900	7,570	7,353	6.9
Nondefense search and navigation equipment.....	3,083	3,086	3,076	-0.1	0.3	0.4	3,091	3,104	3,041	3,089	0.1
Defense search and navigation equipment.....	3,092	3,093	3,126	0.0	-1.1	0.3	3,196	3,139	3,115	3,060	4.4
Electromedical, measuring and control instruments.....	14,411	14,378	14,442	0.2	-0.4	0.3	14,695	14,398	14,182	14,824	-0.9
Electrical equipment, appliances, and components.....	17,458	17,385	17,461	0.4	-0.4	-1.3	17,798	17,613	17,397	17,339	2.6
Electric lighting equipment.....	2,149	2,132	2,113	0.8	0.9	-0.1	2,180	2,150	2,081	2,071	5.3
Household appliances.....	2,398	2,399	2,415	0.0	-0.7	0.0	2,441	2,454	2,423	2,419	0.9
Electrical equipment.....	4,848	4,838	4,837	0.2	0.0	0.2	4,983	4,916	4,790	5,100	-2.3
Batteries.....	1,738	1,755	1,773	-1.0	-1.0	2.8	1,795	1,780	1,738	1,793	0.1
Transportation equipment.....	129,511	129,547	129,404	0.0	0.1	-0.2	130,406	130,424	129,634	132,659	-1.7
Automobiles.....	4,310	4,318	4,314	-0.2	0.1	2.1	4,230	4,385	4,309	4,149	2.0
Light trucks and utility vehicles.....	3,682	3,654	3,474	0.8	5.2	1.0	3,593	3,581	3,428	3,490	3.0
Heavy duty trucks.....	2,023	2,058	2,033	-1.7	1.2	1.5	2,109	2,108	2,054	2,082	1.3
Motor vehicle bodies, parts, and trailers.....	24,440	24,199	24,101	1.0	0.4	-0.4	24,436	24,167	24,185	24,489	-0.2
Nondefense aircraft and parts.....	66,502	66,749	67,714	-0.4	-1.4	0.1	67,534	67,693	67,926	70,676	-4.4
Defense aircraft and parts.....	12,842	12,893	12,098	-0.4	6.6	-1.0	12,883	12,892	12,060	11,978	7.6
Ships and boats.....	3,446	3,426	3,340	0.6	2.6	1.8	3,361	3,387	3,423	3,371	-0.3
Furniture and related products.....	7,645	7,574	7,629	0.9	-0.7	0.7	7,722	7,505	7,453	7,379	4.6
Miscellaneous durable goods.....	22,661	22,718	22,762	-0.3	-0.2	0.0	22,602	22,685	22,478	22,092	2.3
Non-durable goods industries.....	253,137	254,394	255,296	-0.5	-0.4	0.0	255,100	256,321	253,312	247,738	3.0
Food products.....	55,594	55,533	55,815	0.1	-0.5	-0.2	54,219	54,433	54,564	53,205	1.9
Grain and oilseed milling.....	5,643	5,627	5,682	0.3	-1.0	-0.8	5,349	5,574	5,679	5,242	2.0
Dairy products.....	8,251	8,262	8,326	-0.1	-0.8	-0.2	8,537	8,497	8,328	7,803	9.4
Meat, poultry, and seafood products.....	8,999	9,056	9,242	-0.6	-2.0	0.1	9,023	9,067	9,243	9,340	-3.4
Beverage and tobacco products.....	23,456	23,436	23,546	0.1	-0.5	-0.1	23,295	23,570	23,604	23,345	-0.2
Beverages.....	19,014	19,012	19,144	0.0	-0.7	-0.2	18,970	19,211	19,150	19,002	-0.2
Tobacco.....	4,442	4,424	4,402	0.4	0.5	0.5	4,325	4,359	4,454	4,343	-0.4
Textile mills.....	3,191	3,222	3,193	-1.0	0.9	1.3	3,226	3,236	3,177	3,194	1.0
Textile products.....	3,403	3,400	3,375	0.1	0.7	0.0	3,419	3,419	3,397	3,339	2.4
Apparel.....	2,075	2,104	2,122	-1.4	-0.8	0.5	2,053	2,046	2,027	2,207	-7.0
Leather and allied products.....	799	799	803	0.0	-0.5	1.5	814	791	779	820	-0.7
Paper products.....	15,504	15,569	15,570	-0.4	0.0	-0.1	15,496	15,671	15,651	15,597	-0.6
Pulp, paper, and paperboard mills.....	6,211	6,260	6,243	-0.8	0.3	0.2	6,239	6,333	6,301	6,260	-0.3
Paperboard containers.....	4,827	4,826	4,845	0.0	-0.4	-0.4	4,824	4,857	4,874	4,875	-1.0
Printing.....	5,390	5,415	5,470	-0.5	-1.0	-0.3	5,346	5,466	5,440	5,515	-3.1
Petroleum and coal products.....	35,083	36,435	36,959	-3.7	-1.4	-1.8	36,864	37,827	34,750	32,069	15.0
Petroleum refineries.....	30,471	31,784	32,388	-4.1	-1.9	-2.1	32,180	33,179	30,244	27,403	17.4
Chemical products.....	83,383	83,244	83,200	0.2	0.1	0.7	84,677	84,153	84,231	83,053	2.0
Pesticides, fertilizers, and other agricultural chemicals.....	4,284	4,241	4,185	1.0	1.3	0.9	4,152	4,302	4,485	3,988	4.1
Pharmaceuticals and medicines.....	34,740	34,714	35,019	0.1	-0.9	0.8	35,544	35,080	35,425	35,714	-0.7
Paints, coatings, and adhesives.....	3,817	3,807	3,777	0.3	0.8	0.6	3,916	3,964	3,901	3,710	5.6
Plastics and rubber products.....	25,259	25,237	25,243	0.1	0.0	0.4	25,691	25,709	25,692	25,394	1.2

^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, May Full Report, July 5, 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	
	May 2017 ^p	Apr. 2017 ^r	Mar. 2017	Apr. - May	Mar. - Apr.	Feb. - Mar.	May 2017 ^p	Apr. 2017 ^r	Mar. 2017	May 2016	2017 ^p		2016
SHIPMENTS													
All manufacturing industries.....	471,513	470,922	470,776	0.1	0.0	-0.2	488,349	460,979	501,901	458,705	2,318,360	2,216,393	4.6
Construction materials and supplies.....	49,649	49,406	49,539	0.5	-0.3	0.0	53,237	49,168	51,047	49,608	239,907	229,494	4.5
Information technology.....	22,355	22,512	22,342	-0.7	0.8	-0.6	21,696	20,323	25,038	20,784	105,391	100,817	4.5
Computers and related products.....	1,946	1,983	1,916	-1.9	3.5	-9.0	1,715	1,566	2,415	1,800	8,701	8,921	-2.5
Motor vehicle and parts.....	54,565	53,621	53,305	1.8	0.6	-0.8	56,990	52,019	60,596	52,523	271,550	270,848	0.3
Capital goods.....	80,593	80,080	80,086	0.6	0.0	0.1	81,047	75,252	90,701	78,066	387,016	381,512	1.4
Nondefense capital goods ³	70,339	69,868	70,020	0.7	-0.2	0.7	71,150	65,836	79,135	69,188	338,092	337,410	0.2
Excluding aircraft.....	62,758	62,722	62,616	0.1	0.2	0.2	63,468	60,026	69,821	60,764	304,896	301,963	1.0
Defense capital goods ⁴	10,254	10,212	10,066	0.4	1.5	-3.9	9,897	9,416	11,566	8,878	48,924	44,102	10.9
Consumer goods.....	194,606	194,966	194,020	-0.2	0.5	-0.2	201,198	191,679	200,905	185,278	957,163	891,396	7.4
Consumer durable goods.....	37,839	37,016	37,030	2.2	0.0	-0.6	38,972	35,830	42,052	36,896	187,092	191,990	-2.6
Consumer nondurable goods.....	156,767	157,950	156,990	-0.7	0.6	-0.1	162,226	155,849	158,853	148,382	770,071	699,406	10.1
NEW ORDERS													
All manufacturing industries ⁵	464,862	468,572	469,855	-0.8	-0.3	1.0	477,427	457,343	504,579	450,461	2,298,305	2,193,474	4.8
Construction materials and supplies.....	49,844	49,932	50,660	-0.2	-1.4	3.2	54,133	50,182	52,987	50,348	244,787	232,679	5.2
Information technology.....	22,493	22,432	22,393	0.3	0.2	-1.2	21,187	20,420	26,300	21,074	108,637	106,234	2.3
Computers and related products.....	1,945	1,999	1,919	-2.7	4.2	-11.4	1,714	1,582	2,418	1,804	8,784	8,897	-1.3
Motor vehicle and parts.....	54,731	53,840	53,524	1.7	0.6	-1.1	57,168	51,912	60,722	52,714	272,713	269,898	1.0
Capital goods.....	77,745	80,029	81,594	-2.9	-1.9	4.7	73,481	74,062	94,937	73,228	379,483	376,375	0.8
Nondefense capital goods ³	68,572	70,041	71,771	-2.1	-2.4	1.9	66,374	64,742	82,060	67,162	335,218	329,766	1.7
Excluding aircraft.....	63,139	63,019	62,850	0.2	0.3	0.0	63,218	61,154	71,518	59,115	314,217	306,853	2.4
Defense capital goods ⁴	9,173	9,988	9,823	-8.2	1.7	30.6	7,107	9,320	12,877	6,066	44,265	46,609	-5.0
Consumer goods.....	194,577	195,000	194,019	-0.2	0.5	-0.3	201,083	191,785	200,922	185,225	957,611	891,741	7.4
Consumer durable goods.....	37,810	37,050	37,029	2.1	0.1	-0.9	38,857	35,936	42,069	36,843	187,540	192,335	-2.5
Consumer nondurable goods.....	156,767	157,950	156,990	-0.7	0.6	-0.1	162,226	155,849	158,853	148,382	770,071	699,406	10.1
UNFILLED ORDERS													
All manufacturing industries ⁵	1,120,161	1,122,428	1,120,560	-0.2	0.2	0.3	1,124,266	1,131,635	1,131,164	1,140,392	(X)	(X)	-1.4
Construction materials and supplies.....	52,018	51,823	51,297	0.4	1.0	2.2	53,555	52,659	51,645	51,642	(X)	(X)	3.7
Information technology.....	119,272	119,134	119,214	0.1	-0.1	0.0	120,476	120,985	120,888	115,246	(X)	(X)	4.5
Computers and related products.....	1,772	1,773	1,757	-0.1	0.9	0.2	1,772	1,773	1,757	1,655	(X)	(X)	7.1
Motor vehicle and parts.....	23,761	23,595	23,376	0.7	0.9	0.9	24,063	23,885	23,992	23,361	(X)	(X)	3.0
Capital goods.....	835,374	838,222	838,273	-0.3	0.0	0.2	836,644	844,210	845,400	855,135	(X)	(X)	-2.2
Nondefense capital goods ³	694,945	696,712	696,539	-0.3	0.0	0.3	695,815	700,591	701,685	711,292	(X)	(X)	-2.2
Excluding aircraft.....	225,877	225,496	225,199	0.2	0.1	0.1	228,886	229,136	228,008	221,554	(X)	(X)	3.3
Defense capital goods ⁴	140,429	141,510	141,734	-0.8	-0.2	-0.2	140,829	143,619	143,715	143,843	(X)	(X)	-2.1
Consumer goods.....	5,246	5,275	5,241	-0.5	0.6	0.0	5,452	5,567	5,461	5,121	(X)	(X)	6.5
Consumer durable goods.....	5,246	5,275	5,241	-0.5	0.6	0.0	5,452	5,567	5,461	5,121	(X)	(X)	6.5
TOTAL INVENTORIES													
All manufacturing industries.....	648,904	649,250	649,198	-0.1	0.0	0.2	654,356	653,441	646,595	640,235	(X)	(X)	2.2
Construction materials and supplies.....	66,245	65,921	65,401	0.5	0.8	0.2	67,149	66,847	66,193	64,882	(X)	(X)	3.5
Information technology.....	38,230	38,167	38,317	0.2	-0.4	0.7	38,823	38,170	37,570	37,980	(X)	(X)	2.2
Computers and related products.....	4,351	4,394	4,437	-1.0	-1.0	0.9	4,476	4,369	4,161	4,160	(X)	(X)	7.6
Motor vehicle and parts.....	34,455	34,229	33,922	0.7	0.9	0.1	34,368	34,241	33,976	34,210	(X)	(X)	0.5
Capital goods.....	199,336	199,246	199,648	0.0	-0.2	0.4	201,892	200,410	198,960	200,220	(X)	(X)	0.8
Nondefense capital goods ³	176,889	176,809	177,975	0.0	-0.7	0.5	179,320	177,935	177,187	178,887	(X)	(X)	0.2
Excluding aircraft.....	121,814	121,713	121,882	0.1	-0.1	0.7	123,349	121,944	120,698	119,814	(X)	(X)	3.0
Defense capital goods ⁴	22,447	22,437	21,673	0.0	3.5	-0.9	22,572	22,475	21,773	21,333	(X)	(X)	5.8
Consumer goods.....	192,987	194,279	195,437	-0.7	-0.6	-0.2	193,548	194,888	191,987	187,630	(X)	(X)	3.2
Consumer durable goods.....	29,224	29,195	29,126	0.1	0.2	0.6	28,948	29,093	28,740	28,386	(X)	(X)	2.0
Consumer nondurable goods.....	163,763	165,084	166,311	-0.8	-0.7	-0.3	164,600	165,795	163,247	159,244	(X)	(X)	3.4

^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, May Full Report, July 5, 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
	May 2017 ^P	Apr. 2017 ^F	Mar. 2017	Apr. - May	Mar. - Apr.	Feb. - Mar.	May 2017 ^P	Apr. 2017 ^F	Mar. 2017	May 2016	
MATERIALS AND SUPPLIES											
All manufacturing industries.....	222,512	221,939	220,238	0.3	0.8	0.8	223,288	222,201	219,315	215,630	3.6
Durable goods industries.....	134,042	133,420	132,217	0.5	0.9	0.9	133,873	133,071	131,668	129,123	3.7
Wood products.....	4,826	4,814	4,785	0.2	0.6	0.0	4,519	4,562	4,734	4,177	8.2
Nonmetallic mineral products.....	5,452	5,416	5,432	0.7	-0.3	0.9	5,488	5,454	5,453	5,372	2.2
Primary metals.....	12,742	12,374	12,139	3.0	1.9	0.9	12,458	11,975	11,939	11,135	11.9
Fabricated metal products.....	17,902	17,783	17,706	0.7	0.4	1.0	17,840	17,756	17,715	17,528	1.8
Machinery.....	23,412	23,448	23,586	-0.2	-0.6	1.0	23,696	23,538	23,495	24,485	-3.2
Computers and electronic products.....	18,165	18,035	17,941	0.7	0.5	0.5	18,398	18,071	17,764	17,589	4.6
Electrical equipment, appliances, and components.....	7,001	6,976	6,994	0.4	-0.3	1.9	7,081	7,028	6,946	7,003	1.1
Transportation equipment.....	33,096	33,140	32,296	-0.1	2.6	1.0	32,909	33,317	32,446	30,582	7.6
Furniture and related products.....	3,664	3,674	3,663	-0.3	0.3	0.2	3,679	3,662	3,628	3,554	3.5
Miscellaneous products.....	7,782	7,760	7,675	0.3	1.1	0.2	7,805	7,708	7,548	7,698	1.4
Nondurable goods industries.....	88,470	88,519	88,021	-0.1	0.6	0.6	89,415	89,130	87,647	86,507	3.4
Food products.....	19,822	19,660	19,515	0.8	0.7	0.0	19,486	19,385	19,190	19,281	1.1
Beverage and tobacco products.....	5,810	5,770	5,799	0.7	-0.5	-0.1	5,779	5,834	5,916	6,020	-4.0
Textiles.....	1,128	1,131	1,114	-0.3	1.5	0.0	1,134	1,133	1,114	1,131	0.3
Textile products.....	1,268	1,247	1,241	1.7	0.5	-0.8	1,272	1,244	1,245	1,300	-2.2
Apparel.....	574	582	581	-1.4	0.2	-0.9	573	574	565	608	-5.8
Leather and allied products.....	232	226	228	2.7	-0.9	-0.9	234	222	221	241	-2.9
Paper products.....	7,620	7,647	7,657	-0.4	-0.1	-0.1	7,578	7,652	7,719	7,718	-1.8
Printing.....	2,594	2,623	2,615	-1.1	0.3	-1.0	2,575	2,634	2,597	2,721	-5.4
Petroleum and coal products.....	10,037	10,596	10,733	-5.3	-1.3	-0.5	10,842	11,076	10,193	10,003	8.4
Chemical products.....	29,107	28,793	28,242	1.1	2.0	2.1	29,640	29,081	28,509	27,177	9.1
Plastics and rubber products.....	10,278	10,244	10,296	0.3	-0.5	0.7	10,302	10,295	10,378	10,307	0.0
WORK IN PROCESS											
All manufacturing industries.....	200,050	200,037	200,350	0.0	-0.2	-0.3	202,259	201,685	200,122	201,353	0.4
Durable goods industries.....	150,468	150,387	150,843	0.1	-0.3	-0.1	152,311	151,693	150,789	154,164	-1.2
Wood products.....	1,978	2,031	2,049	-2.6	-0.9	0.7	1,987	2,079	2,101	1,928	3.1
Nonmetallic mineral products.....	1,455	1,465	1,460	-0.7	0.3	-0.1	1,506	1,520	1,519	1,502	0.3
Primary metals.....	9,376	9,502	9,427	-1.3	0.8	2.3	9,420	9,615	9,368	9,257	1.8
Fabricated metal products.....	13,067	12,995	12,871	0.6	1.0	-0.2	13,142	12,997	12,860	12,591	4.4
Machinery.....	21,122	21,065	20,894	0.3	0.8	1.3	21,409	21,035	20,662	19,390	10.4
Computers and electronic products.....	13,983	13,964	13,877	0.1	0.6	-0.6	14,428	14,279	13,752	14,328	0.7
Electrical equipment, appliances, and components.....	3,884	3,883	3,913	0.0	-0.8	0.8	3,976	3,939	3,896	3,820	4.1
Transportation equipment.....	80,979	80,960	81,757	0.0	-1.0	-0.6	81,793	81,672	82,085	86,897	-5.9
Furniture and related products.....	1,172	1,086	1,126	7.9	-3.6	-2.2	1,177	1,082	1,116	1,108	6.2
Miscellaneous products.....	3,452	3,436	3,469	0.5	-1.0	-1.7	3,473	3,475	3,430	3,343	3.9
Nondurable goods industries.....	49,582	49,650	49,507	-0.1	0.3	-1.0	49,948	49,992	49,333	47,189	5.8
Food products.....	6,126	6,148	6,101	-0.4	0.8	-0.8	5,612	5,826	5,941	5,375	4.4
Beverage and tobacco products.....	8,885	8,812	8,770	0.8	0.5	1.4	8,637	8,744	8,848	8,259	4.6
Textiles.....	655	665	667	-1.5	-0.3	1.8	663	674	659	684	-3.1
Textile products.....	395	402	403	-1.7	-0.2	-1.5	397	411	406	427	-7.0
Apparel.....	318	321	335	-0.9	-4.2	0.0	317	309	316	347	-8.6
Leather and allied products.....	89	89	89	0.0	0.0	-1.1	89	91	89	93	-4.3
Paper products.....	1,244	1,253	1,258	-0.7	-0.4	2.2	1,246	1,255	1,261	1,274	-2.2
Printing.....	1,030	1,038	1,092	-0.8	-4.9	2.7	990	1,049	1,083	1,149	-13.8
Petroleum and coal products.....	10,828	11,087	10,990	-2.3	0.9	-4.6	11,436	11,727	10,616	9,377	22.0
Chemical products.....	16,870	16,726	16,710	0.9	0.1	-0.6	17,375	16,739	16,968	17,155	1.3
Plastics and rubber products.....	3,142	3,109	3,092	1.1	0.5	-0.6	3,186	3,167	3,146	3,049	4.5
FINISHED GOODS											
All manufacturing industries.....	226,342	227,274	228,610	-0.4	-0.6	0.0	228,809	229,555	227,158	223,252	2.5
Durable goods industries.....	111,257	111,049	110,842	0.2	0.2	0.2	113,072	112,356	110,826	109,210	3.5
Wood products.....	4,898	4,795	4,733	2.1	1.3	1.8	5,069	4,933	4,987	4,692	8.0
Nonmetallic mineral products.....	6,273	6,244	6,179	0.5	1.1	-0.7	6,489	6,466	6,342	6,359	2.0
Primary metals.....	10,962	10,926	10,813	0.3	1.0	0.1	11,104	11,168	10,887	10,237	8.5
Fabricated metal products.....	17,678	17,674	17,605	0.0	0.4	-0.7	18,088	18,139	17,911	17,942	0.8
Machinery.....	23,005	22,933	22,860	0.3	0.3	0.5	23,415	23,231	22,978	22,225	5.4
Computers and electronic products.....	12,196	12,168	12,289	0.2	-1.0	0.6	12,272	12,075	11,854	12,291	-0.2
Electrical equipment, appliances, and components.....	6,573	6,526	6,554	0.7	-0.4	0.9	6,741	6,646	6,555	6,516	3.5
Transportation equipment.....	15,436	15,447	15,351	-0.1	0.6	-0.2	15,704	15,435	15,103	15,180	3.5
Furniture and related products.....	2,809	2,814	2,840	-0.2	-0.9	2.6	2,866	2,761	2,709	2,717	5.5
Miscellaneous products.....	11,427	11,522	11,618	-0.8	-0.8	0.3	11,324	11,502	11,500	11,051	2.5
Nondurable goods industries.....	115,085	116,225	117,768	-1.0	-1.3	-0.1	115,737	117,199	116,332	114,042	1.5
Food products.....	29,646	29,725	30,199	-0.3	-1.6	-0.2	29,121	29,222	29,433	28,549	2.0
Beverage and tobacco products.....	8,761	8,854	8,977	-1.1	-1.4	-1.4	8,879	8,992	8,840	9,066	-2.1
Textiles.....	1,408	1,426	1,412	-1.3	1.0	2.2	1,429	1,429	1,404	1,379	3.6
Textile products.....	1,740	1,751	1,731	-0.6	1.2	0.9	1,750	1,764	1,746	1,612	8.6
Apparel.....	1,183	1,201	1,206	-1.5	-0.4	1.3	1,163	1,163	1,146	1,252	-7.1
Leather and allied products.....	478	484	486	-1.2	-0.4	3.2	491	478	469	486	1.0
Paper products.....	6,640	6,669	6,655	-0.4	0.2	-0.6	6,672	6,764	6,671	6,605	1.0
Printing.....	1,766	1,754	1,763	0.7	-0.5	-1.0	1,781	1,783	1,760	1,645	8.3
Petroleum and coal products.....	14,218	14,752	15,236	-3.6	-3.2	-0.7	14,586	15,024	13,941	12,689	14.9
Chemical products.....	37,406	37,725	38,248	-0.8	-1.4	0.3	37,662	38,333	38,754	38,721	-2.7
Plastics and rubber products.....	11,839	11,884	11,855	-0.4	0.2	0.4	12,203	12,247	12,168	12,038	1.4

^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, May Full Report, July 5, 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 Group¹

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

Industry	Inventory/Shipments ratio				Unfilled Orders/Shipments ratio ²			
	May 2017 ^a	Apr 2017 ^a	Mar 2017	Feb 2017	May 2017 ^a	Apr 2017 ^a	Mar 2017	Feb 2017
	All manufacturing industries ³	1.38	1.38	1.38	1.37	(X)	(X)	(X)
Durable goods industries ³	1.68	1.69	1.69	1.68	6.75	6.83	6.81	6.80
Wood products.....	1.29	1.26	1.25	1.23	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.24	1.24	1.23	1.23	(X)	(X)	(X)	(X)
Primary metals.....	1.71	1.71	1.69	1.69	1.55	1.56	1.55	1.55
Fabricated metal products.....	1.54	1.55	1.54	1.55	2.52	2.54	2.52	2.48
Machinery.....	2.19	2.19	2.20	2.19	3.98	3.57	3.58	3.60
Computers and electronic products ³	1.68	1.68	1.67	1.64	5.81	5.77	5.78	5.75
Electrical equipment, appliances, and components.....	1.74	1.73	1.72	1.71	2.51	2.49	2.45	2.46
Transportation equipment.....	1.64	1.67	1.67	1.66	14.65	14.98	14.88	14.82
Furniture and related products.....	1.16	1.16	1.16	1.17	1.69	1.74	1.75	1.76
Miscellaneous products.....	1.84	1.85	1.86	1.87	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.07	1.07	1.08	1.07	(X)	(X)	(X)	(X)
Food products.....	0.81	0.81	0.83	0.84	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.75	1.75	1.75	1.78	(X)	(X)	(X)	(X)
Textiles.....	1.21	1.24	1.23	1.19	(X)	(X)	(X)	(X)
Textile products.....	1.53	1.55	1.54	1.55	(X)	(X)	(X)	(X)
Apparel.....	1.96	2.03	2.10	2.03	(X)	(X)	(X)	(X)
Leather and allied products.....	2.08	2.08	2.09	2.03	(X)	(X)	(X)	(X)
Paper products.....	0.99	1.00	0.99	1.00	(X)	(X)	(X)	(X)
Printing.....	0.86	0.86	0.85	0.84	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.85	0.86	0.87	0.86	(X)	(X)	(X)	(X)
Chemical products.....	1.29	1.28	1.27	1.26	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.27	1.27	1.27	1.25	(X)	(X)	(X)	(X)

¹ Not Applicable

² Preliminary

³ Revised data due to late receipts and concurrent seasonal adjustment.

⁴ 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.

⁵ 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, May Full Report, July 5, 2017. Information on data sources and methodology can be found on our website at <http://www.census.gov/manufacturing/m3/how_the_data_are_collected/index.html>.

Table 8. Revisions to Previously Published Monthly Percent Changes¹

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

Industry	Shipments		New Orders		Unfilled Orders		Inventories	
	May ² 2017	May ² 2016-2017	May ² 2017	May ² 2016-2017	May ² 2017	May ² 2016-2017	May ² 2017	May ² 2016-2017
	All manufacturing industries.....	(X)	0.2	(X)	0.3	(X)	0.1	(X)
Durable goods industries.....	0.2	0.2	0.3	0.5	0.0	0.1	0.0	0.1
Wood products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.2
Nonmetallic mineral products.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.1
Primary metals.....	0.6	0.3	0.3	0.7	-0.1	0.3	0.4	0.3
Fabricated metal products.....	0.1	0.3	0.2	1.0	0.1	0.3	0.1	0.2
Machinery.....	0.4	0.4	0.5	0.4	0.1	0.1	0.0	0.1
Computers and electronic products.....	0.0	0.5	0.0	0.8	0.0	0.1	0.1	0.1
Electrical equipment, appliances, and components.....	0.1	0.3	0.0	0.5	-0.1	0.2	0.0	0.2
Transportation equipment.....	0.4	0.2	0.4	1.2	0.0	0.1	0.0	0.1
Furniture and related products.....	(X)	0.2	(X)	1.0	(X)	0.5	(X)	0.2
Miscellaneous products.....	(X)	0.5	(X)	0.5	(X)	0.2	(X)	0.1
Nondurable goods industries.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.3
Food products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.4
Beverage and tobacco products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.2
Textiles.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.3
Textile products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.4
Apparel.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.5
Leather and allied products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.4
Paper products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Printing.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.3
Petroleum and coal products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	1.5
Chemical products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.1
Plastics and rubber products.....	(X)	0.2	(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, May Full Report, July 5, 2017. Information on data sources and methodology can be found on our website at <http://www.census.gov/manufacturing/m3/how_the_data_are_collected/index.html>.