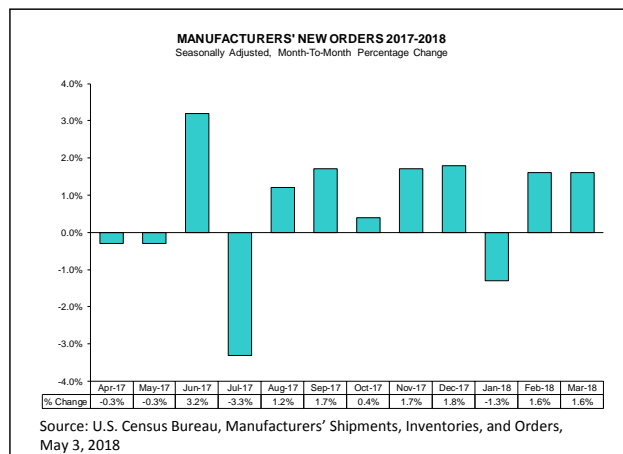


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MONTHLY FULL REPORT ON MANUFACTURERS' SHIPMENTS, INVENTORIES AND ORDERS MARCH 2018

Release Number: CB 18-63 M3-2 (18)-03

May 3, 2018 — The U.S. Census Bureau announces the March full report on manufacturers' shipments, inventories and orders:



Summary

New orders for manufactured goods in March, up seven of the last eight months, increased \$7.8 billion or 1.6 percent to \$507.7 billion, the U.S. Census Bureau reported today. This followed a 1.6 percent February increase. Shipments, up fifteen of the last sixteen months, increased \$2.1 billion or 0.4 percent to \$502.8 billion. This followed a 0.2 percent February increase. Unfilled orders, up six of the last seven months, increased \$9.2 billion or 0.8 percent to \$1,153.8 billion. This followed a 0.3 percent February increase. The unfilled orders-to-shipments ratio was 6.52, up from 6.51 in February. Inventories, up sixteen of the last seventeen months, increased \$1.7 billion or 0.3 percent to \$677.3 billion. This followed a 0.4 percent February increase. The inventories-to-shipments ratio was 1.35, unchanged from February.

New Orders

New orders for manufactured durable goods in March, up four of the last five months, increased \$6.5 billion or 2.6 percent to \$255.2 billion, unchanged from the previously published increase. This followed a 3.6 percent February increase. Transportation equipment, also up four of the last five months, led the increase, \$6.4 billion or 7.6 percent to \$91.4 billion. New orders for manufactured nondurable goods increased \$1.2 billion or 0.5 percent to \$252.4 billion.

Shipments

Shipments of manufactured durable goods in March, up ten of the last eleven months, increased \$0.9 billion

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or 0.4 percent to \$250.4 billion, up from the previously published 0.3 percent increase. This followed a 0.8 percent February increase. Transportation equipment, up four of the last five months, drove the increase, \$1.5 billion or 1.8 percent to \$83.5 billion. Shipments of manufactured nondurable goods, up nine of the last ten months, increased \$1.2 billion or 0.5 percent to \$252.4 billion. This followed a 0.3 percent February decrease. Petroleum and coal products, up eight of the last nine months, led the increase, \$0.8 billion or 1.5 percent to \$51.7 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in March, up six of the last seven months, increased \$9.2 billion or 0.8 percent to \$1,153.8 billion, unchanged from the previously published increase. This followed a 0.3 percent February increase. Transportation equipment, up three of the last four months, led the increase, \$7.9 billion or 1.0 percent to \$782.8 billion.

Inventories

Inventories of manufactured durable goods in March, up twenty of the last twenty-one months, increased \$0.5 billion or 0.1 percent to \$411.5 billion, unchanged from the previously published increase. This followed a 0.5 percent February increase. Machinery, up four of the last five months, led the increase, \$0.4 billion or 0.5 percent to \$71.0 billion. Inventories of manufactured nondurable goods, up ten consecutive months, increased \$1.2 billion or 0.5 percent to \$265.8 billion. This followed a 0.2 percent February increase. Petroleum and coal products, up nine consecutive months, led the increase, \$0.8 billion or 1.9 percent to \$43.7 billion. By stage of fabrication, March materials and supplies increased 0.5 percent in durable goods and increased 0.2 percent nondurable goods. Work in process decreased 0.4 percent in durable goods and increased 2.0 percent in nondurable goods. Finished goods increased 0.4 percent in durable goods and were virtually unchanged in nondurable goods.

The Advance Report on durable goods for April is scheduled for release on May 25, 2018 at 8:30 a.m. EDT and the Full Report on June 4, 2018 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>.

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.

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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.

RESOURCES

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/.

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NEW TIME SERIES

Beginning with the release of June 2018 data on July 26, 2018, historical estimates of the Monthly Advance Report on Manufacturers' Shipments, Inventories and Orders will be available on a seasonally adjusted basis as well as a not seasonally adjusted basis at: <<https://www.census.gov/econ/currentdata/>>. Also, monthly data for the Advance report will be available in the Census Application Programming Interface (API).

FRED Mobile App



Receive the latest updates on the nation's key economic indicators by downloading the FRED App <<https://fred.stlouisfed.org/fred-mobile/>> for both Apple and Android devices. FRED, the signature database of the Federal Reserve Bank of St. Louis, now incorporates the Census Bureau's 13 economic indicators.

Benchmark notice

Revised historical data from the Manufacturers' Shipments, Inventories, and Orders (M3) Survey will be issued on May 17, 2018. These revisions result from:

- benchmarking the M3 shipments and inventories data to the 2016 Annual Survey of Manufactures (ASM) and revised 2015 ASM data on a 2012 NAICS basis;
- incorporating the unfilled orders to shipments ratios obtained from the 2016/2015 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 shipments 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 2018 and the data not seasonally adjusted for January 2007 through March 2018. An updated Press Release will contain revised monthly tables for January 2018 through March 2018. Please call M3 staff on (301) 763-4832 with any questions.

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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		
	Mar. 2018 ^p	Feb. 2018 ^f	Jan. 2018	Feb. - Mar.	Jan. - Feb.	Dec. - Jan.	Mar. 2018 ^p	Feb. 2018 ^f	Jan. 2018	Mar. 2017	2018 ^p	2017	% Change 2018/ 2017
All manufacturing industries.....	502,794	500,671	499,475	0.4	0.2	0.7	530,079	466,463	465,190	501,901	1,461,732	1,369,032	6.8
Excluding transportation.....	419,313	418,672	417,834	0.2	0.2	0.7	435,861	387,536	393,147	411,907	1,216,544	1,137,380	7.0
Excluding defense.....	490,431	487,709	485,899	0.6	0.4	0.7	515,845	454,201	454,226	487,603	1,424,272	1,333,632	6.8
With unfilled orders.....	176,889	175,920	174,862	0.6	0.6	0.6	192,262	164,212	157,827	181,870	514,301	478,659	7.4
Durable goods industries.....	250,353	249,465	247,537	0.4	0.8	0.5	271,121	233,991	224,974	257,455	730,086	683,107	6.9
Wood products.....	9,441	9,480	9,515	-0.4	-0.4	-0.5	9,442	8,569	8,210	9,337	26,221	25,453	3.0
Nonmetallic mineral products.....	10,844	10,859	10,828	-0.1	0.3	-1.9	10,776	9,321	9,465	10,748	29,562	28,754	2.8
Primary metals.....	21,698	21,330	20,866	1.7	2.2	0.9	23,146	20,556	20,831	20,635	64,533	57,290	12.6
Iron and steel mills.....	10,226	10,058	9,767	1.7	3.0	1.7	10,792	9,606	9,781	9,525	30,179	26,465	14.0
Aluminum and nonferrous metals.....	10,126	9,928	9,768	2.0	1.6	0.1	10,909	9,672	9,799	9,697	30,380	26,992	12.6
Ferrous metal foundries.....	1,346	1,344	1,331	0.1	1.0	0.0	1,445	1,278	1,251	1,413	3,974	3,833	3.7
Fabricated metal products.....	33,916	34,026	33,781	-0.3	0.7	1.3	35,087	31,854	31,845	32,744	98,786	90,369	9.3
Machinery.....	32,724	33,250	32,759	-1.6	1.5	0.0	36,478	31,580	29,303	34,642	97,361	89,672	8.6
Farm machinery.....	3,055	3,100	2,980	-1.5	4.0	0.7	3,926	3,475	2,739	3,281	10,140	8,438	20.2
Construction machinery.....	2,227	2,310	2,271	-3.6	1.7	1.3	2,515	2,252	1,959	2,327	6,726	5,847	15.0
Mining, oil field, and gas field machinery.....	1,065	1,060	1,083	0.5	-2.1	-4.6	1,149	984	1,023	1,046	3,156	2,764	14.2
Industrial machinery.....	2,739	2,912	2,909	-5.9	0.1	2.1	3,107	2,564	2,417	3,317	8,088	8,073	0.2
Photographic equipment.....	540	559	519	-3.4	7.7	5.3	650	483	435	669	1,568	1,581	-0.8
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,814	3,804	3,899	0.3	-2.4	0.6	4,119	3,132	3,208	4,248	10,459	10,304	1.5
Metalworking machinery.....	3,332	3,490	3,308	-4.5	5.5	2.2	3,560	3,115	3,059	3,216	9,734	8,492	14.6
Turbines, generators, and other power transmission equipment.....	4,385	4,309	4,156	1.8	3.7	-3.8	4,547	4,294	3,963	4,000	12,804	11,171	14.6
Material handling equipment.....	2,997	3,016	2,960	-0.6	1.9	2.4	3,209	2,842	2,687	3,048	8,738	8,038	8.7
Computers and electronic products ²	28,150	28,343	28,257	-0.7	0.3	0.9	30,302	24,903	25,603	28,619	80,808	76,242	6.0
Computers.....	630	657	651	-4.1	0.9	3.8	658	483	520	785	1,661	2,007	-17.2
Computer storage devices.....	509	584	557	-12.8	4.8	9.0	746	391	382	991	1,519	1,918	-20.8
Other peripheral equipment.....	582	625	715	-6.9	-12.6	11.0	667	476	569	639	1,712	1,495	14.5
Nondefense communications equipment.....	3,023	3,007	3,033	0.5	-0.9	-0.5	3,599	2,429	2,400	3,256	8,428	7,584	11.1
Defense communications equipment....	259	255	248	1.6	2.8	5.5	278	256	202	252	736	683	7.8
Audio and video equipment.....	399	409	361	-2.4	13.3	6.8	399	367	277	311	1,043	854	22.1
Electronic components.....	4,185	4,249	4,277	-1.5	-0.7	0.2	4,359	3,760	3,780	4,256	11,899	11,155	6.7
Nondefense search and navigation equipment.....	1,501	1,506	1,520	-0.3	-0.9	-3.6	1,712	1,415	1,346	1,666	4,473	4,193	6.7
Defense search and navigation equipment.....	2,715	2,719	2,832	-0.1	-4.0	4.2	2,846	2,565	2,354	2,754	7,765	7,359	5.5
Electromedical, measuring, and control instruments.....	9,809	9,687	9,592	1.3	1.0	-0.9	11,038	8,688	8,135	9,573	27,861	24,534	13.6
Electrical equipment, appliances, and components.....	10,455	10,457	10,322	0.0	1.3	0.9	11,084	9,592	9,311	10,820	29,987	28,767	4.2
Electric lighting equipment.....	1,039	1,047	1,050	-0.8	-0.3	1.0	1,069	978	955	1,131	3,002	3,104	-3.3
Household appliances.....	1,489	1,507	1,510	-1.2	-0.2	-2.3	1,589	1,332	1,257	1,725	4,178	4,417	-5.4
Electrical equipment.....	2,829	2,803	2,701	0.9	3.8	0.8	3,221	2,615	2,397	3,133	8,233	8,135	1.2
Batteries.....	895	915	932	-2.2	-1.8	1.7	840	793	867	878	2,500	2,488	0.5
Transportation equipment.....	83,481	81,999	81,641	1.8	0.4	0.9	94,218	78,927	72,043	89,994	245,188	231,652	5.8
Automobiles.....	7,741	7,873	7,797	-1.7	1.0	-0.8	8,428	7,811	7,419	8,774	23,658	24,269	-2.5
Light trucks and utility vehicles.....	18,304	17,876	17,477	2.4	2.3	1.7	20,983	18,041	15,646	18,905	54,670	49,178	11.2
Heavy duty trucks.....	2,804	2,796	2,748	0.3	1.7	1.5	3,061	2,519	2,413	2,558	7,993	6,404	24.8
Motor vehicle bodies, parts, and trailers.....	28,596	28,842	28,582	-0.9	0.9	0.7	31,302	28,940	26,929	30,359	87,171	82,690	5.4
Nondefense aircraft and parts.....	13,389	11,571	11,435	15.7	1.2	0.6	15,659	9,520	8,786	14,328	33,965	32,622	4.1
Defense aircraft and parts.....	3,783	4,191	4,240	-9.7	-1.2	0.2	4,609	3,646	3,114	4,994	11,369	11,031	3.1
Ships and boats.....	3,096	3,200	3,208	-3.3	-0.2	1.6	3,439	3,133	2,607	3,469	9,179	8,984	2.2
Furniture and related products.....	6,654	6,730	6,600	-1.1	2.0	-0.8	6,792	6,516	6,179	6,634	19,487	18,906	3.1
Miscellaneous durable goods.....	12,990	12,991	12,968	0.0	0.2	-2.0	13,796	12,173	12,184	13,282	38,153	36,002	6.0
Nondurable goods industries.....	252,441	251,206	251,938	0.5	-0.3	1.0	258,958	232,472	240,216	244,446	731,646	685,925	6.7
Food products.....	69,753	69,667	68,861	0.1	1.2	0.6	71,299	66,664	66,632	68,686	204,595	197,409	3.6
Grain and oilseed milling.....	8,090	7,985	7,731	1.3	3.3	0.4	8,230	7,701	7,901	7,569	23,832	22,310	6.8
Dairy products.....	9,821	9,780	9,512	0.4	2.8	-0.2	10,015	9,031	9,323	10,014	28,369	28,735	-1.3
Meat, poultry, and seafood products...	19,802	19,799	19,706	0.0	0.5	1.2	20,099	18,863	18,628	19,633	57,590	55,574	3.6
Beverage and tobacco products.....	13,200	13,041	12,914	1.2	1.0	0.6	13,475	12,101	11,900	13,587	37,476	37,645	-0.4
Beverages.....	9,236	9,366	9,190	-1.4	1.9	2.6	9,511	8,426	8,176	9,859	26,113	27,064	-3.5
Tobacco.....	3,964	3,675	3,724	7.9	-1.3	-3.9	3,964	3,675	3,724	3,728	11,363	10,581	7.4
Textile mills.....	2,641	2,650	2,654	-0.3	-0.2	0.3	2,773	2,585	2,477	2,750	7,835	7,710	1.6
Textile products.....	2,291	2,302	2,259	-0.5	1.9	-0.4	2,391	2,249	2,039	2,289	6,679	6,393	4.5
Apparel.....	1,096	1,091	1,104	0.5	-1.2	2.5	1,025	1,033	1,019	944	3,077	2,884	6.7
Leather and allied products.....	383	375	368	2.1	1.9	-1.1	400	372	334	402	1,106	1,160	-4.7
Paper products.....	16,505	16,510	16,484	0.0	0.2	0.4	16,829	15,379	16,400	16,276	48,608	46,030	5.6
Pulp, paper, and paperboard mills.....	6,713	6,725	6,685	-0.2	0.6	0.5	6,842	6,236	6,766	6,774	19,844	19,401	2.3
Paperboard containers.....	5,604	5,614	5,635	-0.2	-0.4	0.5	5,775	5,213	5,662	5,687	16,650	15,925	4.6
Printing.....	6,415	6,435	6,400	-0.3	0.5	0.9	6,598	5,844	6,187	6,676	18,629	18,779	-0.8
Petroleum and coal products.....	51,676	50,895	52,500	1.5	-3.1	3.5	50,468	43,904	48,673	41,146	143,045	117,690	21.5
Petroleum refineries.....	47,446	46,517	47,939	2.0	-3.0	3.9	46,540	40,337	45,094	37,298	131,971	107,870	22.3
Chemical products.....	68,164	67,886	68,040	0.4	-0.2	-0.1	72,514	63,456	65,440	70,435	201,410	192,194	4.8
Pesticides, fertilizers, and other agricultural chemicals.....	2,720	2,808	2,966	-3.1	-5.3	-2.7	3,821	3,080	2,532	4,128	9,433	9,846	-4.2
Pharmaceuticals and medicines.....	23,443	23,444	23,626	0.0	-0.8	-0.8	23,923	21,540	23,525	22,717	68,988	63,097	9.3
Paints, coatings, and adhesives.....	4,099	4,066	4,068	0.8	0.0	1.6	4,429	3,673	3,628	4,105	11,730	10,603	10.6
Plastics and rubber products.....	20,317	20,354	20,354	-0.2	0.0	0.1	21,186	18,885	19,115	21,073	59,186	58,031	2.0

^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 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 3, 2018. 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. 2018 ^p	Feb. 2018 ^f	Jan. 2018	Feb. - Mar.	Jan. - Feb.	Dec. - Jan.	Mar. 2018 ^p	Feb. 2018 ^f	Jan. 2018	Mar. 2017	2018 ^p	2017	% Change 2018/ 2017
All manufacturing industries ²	507,690	499,915	492,033	1.6	1.6	-1.3	541,456	467,059	460,283	504,579	1,468,798	1,363,535	7.7
Excluding transportation ²	416,262	414,923	414,011	0.3	0.2	0.4	436,442	388,106	393,162	412,355	1,217,710	1,138,853	6.9
Excluding defense ²	495,373	487,424	481,104	1.6	1.3	-0.8	525,091	456,121	451,460	488,659	1,432,672	1,328,906	7.8
With unfilled orders ²	186,093	179,594	171,683	3.6	4.6	-5.0	207,399	168,682	158,359	188,495	534,440	487,081	9.7
Durable goods industries ²	255,249	248,709	240,095	2.6	3.6	-3.6	282,498	234,587	220,067	260,133	737,152	677,610	8.8
Primary metals.....	22,314	21,864	20,920	2.1	4.5	0.1	24,052	21,641	21,517	20,896	67,210	58,804	14.3
Iron and steel mills.....	10,709	10,573	9,981	1.3	5.9	1.7	11,505	10,438	10,543	9,737	32,486	27,344	18.8
Aluminum and nonferrous metals.....	10,247	9,970	9,651	2.8	3.3	-1.5	11,115	9,904	9,633	9,745	30,652	27,456	11.6
Ferrous metal foundries.....	1,358	1,321	1,288	2.8	2.6	-0.4	1,432	1,299	1,341	1,414	4,072	4,004	1.7
Fabricated metal products.....	34,449	34,329	34,287	0.3	0.1	0.8	36,930	33,342	33,362	34,887	103,634	94,358	9.8
Machinery.....	32,602	33,226	33,019	-1.9	0.6	-0.2	36,247	32,558	31,611	34,885	100,416	93,710	7.2
Construction machinery.....	2,296	2,420	2,293	-5.1	5.5	8.2	2,579	2,494	2,322	2,679	7,395	6,797	8.8
Mining, oil field, and gas field machinery.....	1,121	1,093	1,076	2.6	1.6	-8.4	1,180	1,101	1,036	1,024	3,317	2,883	15.1
Industrial machinery.....	2,810	2,931	2,928	-4.1	0.1	1.5	3,176	2,605	2,851	3,274	8,632	8,457	2.1
Photographic equipment.....	544	539	499	0.9	8.0	-13.5	634	475	448	634	1,557	1,597	-2.5
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,772	3,936	3,968	-4.2	-0.8	-3.9	4,200	3,410	3,478	4,472	11,088	10,937	1.4
Metalworking machinery.....	3,179	3,180	3,424	0.0	-7.1	3.9	3,280	2,952	3,396	3,068	9,628	8,403	14.6
Turbines, generators, and other power transmission equipment.....	4,337	4,244	4,134	2.2	2.7	0.2	4,377	4,189	4,008	3,838	12,574	11,321	11.1
Material handling equipment.....	3,047	3,003	2,964	1.5	1.3	4.3	3,347	3,055	2,832	3,233	9,234	8,797	5.0
Computers and electronic products ²	24,119	23,877	23,913	1.0	-0.2	-0.3	27,708	21,307	20,629	25,565	69,644	65,148	6.9
Computers.....	726	680	659	6.8	3.2	-0.3	754	506	528	788	1,788	2,075	-13.8
Nondefense communications equipment.....	3,082	2,820	3,088	9.3	-8.7	1.1	3,692	2,721	2,522	3,308	8,935	8,841	1.1
Defense communications equipment.....	247	264	246	-6.4	7.3	8.4	323	265	197	318	785	740	6.1
Electronic components.....	4,249	4,332	4,383	-1.9	-1.2	-0.5	4,260	3,987	4,116	4,129	12,363	11,428	8.2
Nondefense search and navigation equipment.....	1,572	1,606	1,450	-2.1	10.8	-18.4	1,744	1,440	1,436	1,676	4,620	4,422	4.5
Defense search and navigation equipment.....	2,822	2,638	2,545	7.0	3.7	3.7	3,456	2,373	2,021	3,101	7,850	7,536	4.2
Electromedical, measuring, and control instruments.....	9,701	9,704	9,701	0.0	0.0	-0.2	11,427	8,582	8,382	10,115	28,391	25,298	12.2
Electrical equipment, appliances, and components.....	10,470	10,409	10,082	0.6	3.2	0.1	11,312	9,955	9,633	11,132	30,900	30,417	1.6
Electric lighting equipment.....	1,048	1,046	1,053	0.2	-0.7	3.2	1,085	994	1,012	1,132	3,091	3,200	-3.4
Household appliances.....	1,553	1,532	1,568	1.4	-2.3	3.0	1,721	1,238	1,390	1,732	4,349	4,442	-2.1
Electrical equipment.....	2,727	2,754	2,629	-1.0	4.8	-3.3	3,092	2,679	2,517	3,160	8,288	8,574	-3.3
Transportation equipment.....	91,428	84,992	78,022	7.6	8.9	-9.8	105,014	78,953	67,121	92,224	251,088	224,682	11.8
Motor vehicle bodies, parts, and trailers.....	28,873	29,162	28,587	-1.0	2.0	-0.6	31,642	29,806	27,059	30,485	88,507	83,782	5.6
Nondefense aircraft and parts.....	20,997	14,535	10,446	44.5	39.1	-27.9	24,565	9,762	5,828	15,320	40,155	25,905	55.0
Defense aircraft and parts.....	3,058	3,375	2,612	-9.4	29.2	-48.5	4,322	2,268	2,467	5,919	9,057	12,321	-26.5
Ships and boats.....	3,324	3,559	2,685	-6.6	32.6	14.7	3,904	3,981	2,224	3,191	10,109	7,769	30.1
Furniture and related products.....	6,586	6,685	6,540	-1.5	2.2	-3.1	7,215	6,771	6,334	7,170	20,320	20,270	0.2
Nondurable goods industries.....	252,441	251,206	251,938	0.5	-0.3	1.0	258,958	232,472	240,216	244,446	731,646	685,925	6.7

^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 3, 2018. 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				
	Monthly			Percent Change			Monthly				% Change March 2018/ 2017
	Mar. 2018 ^p	Feb. 2018 ^r	Jan. 2018	Feb. - Mar.	Jan. - Feb.	Dec. - Jan.	Mar. 2018 ^p	Feb. 2018 ^r	Jan. 2018	Mar. 2017	
All manufacturing industries ²	1,153,823	1,144,619	1,140,945	0.8	0.3	-0.3	1,164,758	1,149,621	1,145,151	1,131,164	3.0
Excluding transportation ²	371,038	369,781	369,100	0.3	0.2	0.1	375,943	371,602	367,158	360,055	4.4
Excluding defense ²	979,896	970,646	966,501	1.0	0.4	-0.1	988,842	975,836	970,042	952,047	3.9
Durable goods industries ²	1,153,823	1,144,619	1,140,945	0.8	0.3	-0.3	1,164,758	1,149,621	1,145,151	1,131,164	3.0
Primary metals.....	32,831	32,215	31,681	1.9	1.7	0.2	33,898	32,992	31,907	30,456	11.3
Iron and steel mills.....	17,313	16,830	16,315	2.9	3.2	1.3	17,965	17,252	16,420	15,076	19.2
Aluminum and nonferrous metals.....	11,146	11,025	10,983	1.1	0.4	-1.1	11,477	11,271	11,039	11,248	2.0
Ferrous metal foundries.....	4,372	4,360	4,383	0.3	-0.5	-1.0	4,456	4,469	4,448	4,132	7.8
Fabricated metal products.....	83,263	82,730	82,427	0.6	0.4	0.6	84,199	82,356	80,868	77,248	9.0
Machinery.....	102,168	102,290	102,314	-0.1	0.0	0.3	103,336	103,567	102,589	99,687	3.7
Construction machinery.....	6,120	6,051	5,941	1.1	1.9	0.4	6,546	6,482	6,240	5,704	14.8
Mining, oil field, and gas field machinery.....	5,356	5,300	5,267	1.1	0.6	-0.1	5,396	5,365	5,248	5,226	3.3
Industrial machinery.....	8,186	8,115	8,096	0.9	0.2	0.2	8,257	8,188	8,147	8,253	0.0
Photographic equipment.....	1,261	1,257	1,277	0.3	-1.6	-1.5	1,299	1,315	1,323	1,407	-7.7
Ventilation, heating, air-conditioning, and refrigeration equipment.....	6,776	6,818	6,686	-0.6	2.0	1.0	6,975	6,894	6,616	6,111	14.1
Metalworking machinery.....	7,608	7,761	8,071	-2.0	-3.8	1.5	7,600	7,880	8,043	7,920	-4.0
Turbines, generators, and other power transmission equipment.....	29,001	29,049	29,114	-0.2	-0.2	-0.1	28,913	29,083	29,188	29,727	-2.7
Material handling equipment.....	13,030	12,980	12,993	0.4	-0.1	0.0	13,283	13,145	12,932	11,938	11.3
Computers and electronic products ²	120,083	119,806	119,842	0.2	0.0	-0.1	121,052	119,886	119,608	118,733	2.0
Computers.....	2,132	2,036	2,013	4.7	1.1	0.4	2,132	2,036	2,013	1,757	21.3
Nondefense communications equipment.....	26,705	26,646	26,833	0.2	-0.7	0.2	26,993	26,900	26,608	25,473	6.0
Defense communications equipment.....	1,677	1,689	1,680	-0.7	0.5	-0.1	1,694	1,649	1,640	1,614	5.0
Electronic components.....	12,168	12,104	12,021	0.5	0.7	0.9	12,228	12,327	12,100	11,338	7.8
Nondefense search and navigation equipment.....	19,118	19,047	18,947	0.4	0.5	-0.4	18,981	18,949	18,924	18,189	4.4
Defense search and navigation equipment.....	26,208	26,101	26,182	0.4	-0.3	-1.1	26,534	25,924	26,116	28,080	-5.5
Electromedical, measuring, and control instruments.....	32,075	32,183	32,166	-0.3	0.1	0.3	32,490	32,101	32,207	32,282	0.6
Electrical equipment, appliances, and components.....	22,336	22,321	22,369	0.1	-0.2	-1.1	23,015	22,787	22,424	23,287	-1.2
Electric lighting equipment.....	1,642	1,633	1,634	0.6	-0.1	0.2	1,648	1,632	1,616	1,527	7.9
Household appliances.....	1,294	1,230	1,205	5.2	2.1	5.1	1,319	1,187	1,281	1,084	21.7
Electrical equipment.....	8,173	8,275	8,324	-1.2	-0.6	-0.9	8,287	8,416	8,352	8,590	-3.5
Transportation equipment.....	782,785	774,838	771,845	1.0	0.4	-0.5	788,815	778,019	777,993	771,109	2.3
Motor vehicle bodies, parts, and trailers.....	25,234	24,957	24,637	1.1	1.3	0.0	26,097	25,757	24,891	23,992	8.8
Nondefense aircraft and parts.....	591,825	584,217	581,253	1.3	0.5	-0.2	595,409	586,503	586,261	577,062	3.2
Defense aircraft and parts.....	69,231	69,956	70,772	-1.0	-1.2	-2.2	69,780	70,067	71,445	72,690	-4.0
Ships and boats.....	23,385	23,157	22,798	1.0	1.6	-2.2	23,999	23,534	22,686	24,416	-1.7
Furniture and related products.....	9,627	9,695	9,740	-0.7	-0.5	-0.6	9,713	9,290	9,035	9,930	-2.2

^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 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 3, 2018. 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 2018/ 2017
	Mar. 2018 ^p	Feb. 2018 ^r	Jan. 2018	Feb. - Mar.	Jan. - Feb.	Dec. - Jan.	Mar. 2018 ^p	Feb. 2018 ^r	Jan. 2018	Mar. 2017	
All manufacturing industries.....	677,285	675,570	672,949	0.3	0.4	0.4	676,197	680,087	672,030	646,595	4.6
Excluding transportation.....	545,554	543,037	541,007	0.5	0.4	0.3	544,241	545,805	540,082	516,961	5.3
Excluding defense.....	649,914	648,223	645,621	0.3	0.4	0.4	648,806	652,681	644,910	620,504	4.6
With unfilled orders.....	334,737	334,401	332,832	0.1	0.5	0.4	334,241	336,809	331,872	319,787	4.5
Durable goods industries.....	411,489	410,974	409,006	0.1	0.5	0.4	411,161	414,992	408,668	393,283	4.5
Wood products.....	12,195	12,114	12,010	0.7	0.9	0.0	12,465	12,536	12,334	11,822	5.4
Nonmetallic mineral products.....	13,696	13,638	13,654	0.4	-0.1	-0.1	13,994	13,903	13,701	13,314	5.1
Primary metals.....	35,003	34,798	34,564	0.6	0.7	0.6	34,833	34,919	34,820	32,194	8.2
Iron and steel mills.....	19,682	19,573	19,503	0.6	0.4	0.9	19,507	19,594	19,701	18,024	8.2
Aluminum and nonferrous metals.....	13,291	13,181	13,017	0.8	1.3	0.1	13,264	13,207	13,068	12,227	8.5
Ferrous metal foundries.....	2,030	2,044	2,044	-0.7	0.0	0.8	2,062	2,118	2,051	1,943	6.1
Fabricated metal products.....	52,048	51,750	51,450	0.6	0.6	0.5	52,300	51,975	51,411	48,486	7.9
Machinery.....	70,980	70,629	70,170	0.5	0.7	-0.2	70,910	71,210	69,861	67,135	5.6
Farm machinery.....	3,805	3,788	3,728	0.4	1.6	0.8	4,011	4,080	3,893	3,767	6.5
Construction machinery.....	5,592	5,584	5,544	0.1	0.7	0.6	5,628	5,623	5,519	5,147	9.3
Mining, oil field, and gas field machinery.....	7,613	7,572	7,623	0.5	-0.7	-1.9	7,627	7,645	7,661	7,875	-3.1
Industrial machinery.....	8,033	7,964	7,799	0.9	2.1	-0.7	8,176	8,008	7,643	7,715	6.0
Photographic equipment.....	1,384	1,367	1,362	1.2	0.4	-1.2	1,321	1,394	1,375	1,307	1.1
Ventilation, heating, air-conditioning, and refrigeration equipment.....	5,234	5,188	5,149	0.9	0.8	-0.1	5,358	5,288	4,983	5,106	4.9
Metalworking machinery.....	5,959	5,972	6,025	-0.2	-0.9	0.6	5,879	6,012	5,979	5,641	4.2
Turbines, generators, and other power transmission equipment.....	10,616	10,511	10,290	1.0	2.1	0.3	10,311	10,450	10,112	9,176	12.4
Material handling equipment.....	5,419	5,437	5,495	-0.3	-1.1	1.3	5,347	5,345	5,355	4,846	10.3
Computers and electronic products ²	46,011	45,893	45,645	0.3	0.5	0.4	45,367	46,486	45,171	43,370	4.6
Computers.....	1,824	1,844	1,863	-1.1	-1.0	0.9	1,720	1,886	1,833	1,667	3.2
Computer storage devices.....	1,377	1,418	1,428	-2.9	-0.7	2.4	1,288	1,526	1,448	1,330	-3.2
Other peripheral equipment.....	1,116	1,101	1,104	1.4	-0.3	-2.4	1,069	1,114	1,115	1,164	-8.2
Nondefense communications equipment.....	4,053	4,032	4,024	0.5	0.2	0.2	3,998	4,132	3,986	3,953	1.1
Defense communications equipment.....	585	583	577	0.3	1.0	1.2	585	583	577	563	3.9
Audio and video equipment.....	659	636	636	3.6	0.0	1.9	605	620	631	679	-10.9
Electronic components.....	8,151	8,064	7,939	1.1	1.6	-0.3	8,115	8,091	7,999	7,570	7.2
Nondefense search and navigation equipment.....	3,139	3,123	3,117	0.5	0.2	0.8	3,101	3,105	3,120	3,041	2.0
Defense search and navigation equipment.....	3,131	3,134	3,139	-0.1	-0.2	0.4	3,162	3,179	3,107	3,115	1.5
Electromedical, measuring and control instruments.....	15,098	15,008	14,924	0.6	0.6	0.2	14,896	15,000	14,581	14,182	5.0
Electrical equipment, appliances, and components.....	18,483	18,363	18,293	0.7	0.4	0.9	18,481	18,454	18,208	17,397	6.2
Electric lighting equipment.....	2,267	2,262	2,258	0.2	0.2	0.5	2,235	2,263	2,288	2,081	7.4
Household appliances.....	2,559	2,556	2,560	0.1	-0.2	0.9	2,578	2,607	2,532	2,423	6.4
Electrical equipment.....	5,134	5,065	5,039	1.4	0.5	2.5	5,111	5,128	5,046	4,790	6.7
Batteries.....	1,819	1,814	1,803	0.3	0.6	-0.1	1,793	1,752	1,724	1,738	3.2
Transportation equipment.....	131,731	132,533	131,942	-0.6	0.4	0.6	131,956	134,282	131,948	129,634	1.8
Automobiles.....	4,599	4,623	4,512	-0.5	2.5	1.9	4,583	4,706	4,535	4,309	6.4
Light trucks and utility vehicles.....	4,037	4,026	3,986	0.3	1.0	3.0	3,886	4,065	4,072	3,428	13.4
Heavy duty trucks.....	2,086	2,060	2,002	1.3	2.9	0.4	2,113	2,121	2,055	2,054	2.9
Motor vehicle bodies, parts, and trailers.....	24,941	24,834	24,922	0.4	-0.4	0.2	24,965	25,061	25,174	24,185	3.2
Nondefense aircraft and parts.....	67,296	68,199	67,800	-1.3	0.6	1.1	67,709	69,513	67,644	67,926	-0.3
Defense aircraft and parts.....	13,172	13,196	13,180	-0.2	0.1	-1.6	13,106	13,190	13,098	12,060	8.7
Ships and boats.....	3,208	3,267	3,248	-1.8	0.6	2.3	3,261	3,269	3,203	3,423	-4.7
Furniture and related products.....	8,103	8,052	8,109	0.6	-0.7	1.2	7,909	8,015	8,095	7,453	6.1
Miscellaneous durable goods.....	23,239	23,204	23,169	0.2	0.2	0.0	22,946	23,212	23,119	22,478	2.1
Non durable goods industries.....	265,796	264,596	263,943	0.5	0.2	0.4	265,036	265,095	263,362	253,312	4.6
Food products.....	56,186	56,041	55,754	0.3	0.5	0.1	54,965	55,714	55,354	54,564	0.7
Grain and oilseed milling.....	5,528	5,500	5,440	0.5	1.1	-1.1	5,490	5,663	5,637	5,679	-3.3
Dairy products.....	8,037	8,001	8,090	0.4	-1.1	-2.3	8,031	7,934	7,863	8,328	-3.6
Meat, poultry, and seafood products.....	9,586	9,589	9,416	0.0	1.8	2.4	9,592	9,630	9,242	9,243	-3.8
Beverage and tobacco products.....	24,198	24,128	23,981	0.3	0.6	0.6	24,318	24,450	24,300	23,604	3.0
Beverages.....	19,799	19,711	19,560	0.4	0.8	0.8	19,847	19,827	19,660	19,150	3.6
Tobacco.....	4,399	4,417	4,421	-0.4	-0.1	-0.1	4,471	4,623	4,640	4,454	0.4
Textile mills.....	3,335	3,333	3,336	0.1	-0.1	0.3	3,321	3,331	3,332	3,177	4.5
Textile products.....	3,467	3,464	3,455	0.1	0.3	0.4	3,478	3,507	3,475	3,397	2.4
Apparel.....	2,118	2,100	2,083	0.9	0.8	0.7	2,046	2,080	2,076	2,027	0.9
Leather and allied products.....	803	802	799	0.1	0.4	1.0	784	785	790	779	0.6
Paper products.....	15,728	15,719	15,739	0.1	-0.1	-0.1	15,857	15,895	15,851	15,651	1.3
Pulp, paper, and paperboard mills.....	6,173	6,162	6,173	0.2	-0.2	0.0	6,251	6,250	6,204	6,301	-0.8
Paperboard containers.....	5,107	5,091	5,067	0.3	0.5	0.1	5,158	5,175	5,143	4,874	5.8
Printing.....	5,462	5,440	5,439	0.4	0.0	-1.5	5,444	5,418	5,324	5,440	0.1
Petroleum and coal products.....	43,707	42,882	42,558	1.9	0.8	2.0	42,551	42,231	42,272	34,750	22.4
Petroleum refineries.....	38,756	38,095	37,815	1.7	0.7	2.5	37,640	37,348	37,425	30,244	24.5
Chemical products.....	84,611	84,482	84,528	0.2	-0.1	-0.1	85,627	85,045	84,347	84,231	1.7
Pesticides, fertilizers, and other agricultural chemicals.....	4,088	4,050	3,936	0.9	2.9	-1.3	4,375	4,399	4,247	4,485	-2.5
Pharmaceuticals and medicines.....	35,532	35,355	35,524	0.5	-0.5	0.2	35,926	35,347	35,245	35,425	1.4
Paints, coatings, and adhesives.....	4,032	4,007	4,021	0.6	-0.3	0.1	4,155	4,109	4,040	3,901	6.5
Plastics and rubber products.....	26,181	26,205	26,271	-0.1	-0.3	0.4	26,645	26,639	26,241	25,692	3.7

^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 3, 2018. 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. 2018 ^b	Feb. 2018 ^c	Jan. 2018	Feb. - Mar.	Jan. - Feb.	Dec. - Jan.	Mar. 2018 ^b	Feb. 2018 ^c	Jan. 2018	Mar. 2017	2018 ^b	2017	
SHIPMENTS													
All manufacturing industries.....	502,794	500,671	499,475	0.4	0.2	0.7	530,079	466,463	465,190	501,901	1,461,732	1,369,032	6.8
Construction materials and supplies.....	51,812	51,783	51,927	0.1	-0.3	-0.2	52,442	46,111	46,044	51,047	144,597	137,502	5.2
Information technology.....	24,400	24,408	24,365	0.0	0.2	1.1	27,198	21,626	20,654	25,038	69,478	63,372	9.6
Computers and related products.....	1,721	1,866	1,923	-7.8	-3.0	7.9	2,071	1,350	1,471	2,415	4,892	5,420	-9.7
Motor vehicle and parts.....	57,445	57,387	56,604	0.1	1.4	0.8	63,774	57,311	52,407	60,596	173,492	162,541	6.7
Capital goods.....	87,503	86,208	85,868	1.5	0.4	0.4	97,586	78,918	74,171	90,701	250,675	230,717	8.7
Nondefense capital goods ³	76,935	75,332	74,376	2.1	1.3	0.0	85,536	68,422	64,819	79,135	218,777	201,106	8.8
Excluding aircraft.....	67,380	67,935	67,135	-0.8	1.2	0.0	74,390	62,811	59,929	69,821	197,130	181,402	8.7
Defense capital goods ⁴	10,568	10,876	11,492	-2.8	-5.4	2.9	12,050	10,496	9,352	11,566	31,898	29,611	7.7
Consumer goods.....	210,333	209,069	209,008	0.6	0.0	1.1	216,422	195,739	198,710	200,905	610,871	564,286	8.3
Consumer durable goods.....	39,620	39,456	38,820	0.4	1.6	0.3	44,073	39,165	35,262	42,052	118,500	112,290	5.5
Consumer nondurable goods.....	170,713	169,613	170,188	0.6	-0.3	1.3	172,349	156,574	163,448	158,853	492,371	451,996	8.9
NEW ORDERS													
All manufacturing industries ⁵	507,690	499,915	492,033	1.6	1.6	-1.3	541,456	467,059	460,283	504,579	1,468,798	1,363,535	7.7
Construction materials and supplies.....	52,357	52,564	52,407	-0.4	0.3	-0.4	54,026	47,528	47,127	52,987	148,681	140,472	5.8
Information technology.....	24,661	24,246	23,929	1.7	1.3	-0.5	28,656	22,046	20,808	26,300	71,510	67,030	6.7
Computers and related products.....	1,817	1,889	1,931	-3.8	-2.2	6.3	2,167	1,373	1,479	2,418	5,019	5,488	-8.5
Motor vehicle and parts.....	57,722	57,707	56,609	0.0	1.9	0.2	64,114	58,177	52,537	60,722	174,828	163,633	6.8
Capital goods.....	93,684	88,989	83,225	5.3	6.9	-4.7	108,285	80,172	72,018	94,937	260,475	231,940	12.3
Nondefense capital goods ³	83,030	78,450	74,090	5.8	5.9	-1.0	93,871	70,923	64,545	82,060	229,339	204,102	12.4
Excluding aircraft.....	67,126	67,377	66,718	-0.4	1.0	-0.3	75,294	64,502	62,350	71,518	202,146	189,845	6.5
Defense capital goods ⁴	10,654	10,539	9,135	1.1	15.4	-26.6	14,414	9,249	7,473	12,877	31,136	27,838	11.8
Consumer goods.....	210,435	209,070	209,052	0.7	0.0	1.2	216,612	195,718	199,088	200,922	611,418	564,743	8.3
Consumer durable goods.....	39,722	39,457	38,864	0.7	1.5	0.8	44,263	39,144	35,640	42,069	119,047	112,747	5.6
Consumer nondurable goods.....	170,713	169,613	170,188	0.6	-0.3	1.3	172,349	156,574	163,448	158,853	492,371	451,996	8.9
UNFILLED ORDERS													
All manufacturing industries ⁵	1,153,823	1,144,619	1,140,945	0.8	0.3	-0.3	1,164,758	1,149,621	1,145,151	1,131,164	(X)	(X)	3.0
Construction materials and supplies.....	56,548	56,003	55,222	1.0	1.4	0.9	56,993	55,409	53,992	51,645	(X)	(X)	10.4
Information technology.....	120,403	120,142	120,304	0.2	-0.1	-0.4	121,884	120,426	120,006	120,888	(X)	(X)	0.8
Computers and related products.....	2,132	2,036	2,013	4.7	1.1	0.4	2,132	2,036	2,013	1,757	(X)	(X)	21.3
Motor vehicle and parts.....	25,234	24,957	24,637	1.1	1.3	0.0	26,097	25,757	24,891	23,992	(X)	(X)	8.8
Capital goods.....	856,530	850,349	847,568	0.7	0.3	-0.3	863,380	852,681	851,427	845,400	(X)	(X)	2.1
Nondefense capital goods ³	715,811	709,716	706,598	0.9	0.4	0.0	720,673	712,338	709,837	701,685	(X)	(X)	2.7
Excluding aircraft.....	227,906	228,160	228,718	-0.1	-0.2	-0.2	230,410	229,506	227,815	228,008	(X)	(X)	1.1
Defense capital goods ⁴	140,719	140,633	140,970	0.1	-0.2	-1.6	142,707	140,343	141,590	143,715	(X)	(X)	-0.7
Consumer goods.....	5,481	5,379	5,378	1.9	0.0	0.8	5,707	5,517	5,538	5,461	(X)	(X)	4.5
Consumer durable goods.....	5,481	5,379	5,378	1.9	0.0	0.8	5,707	5,517	5,538	5,461	(X)	(X)	4.5
TOTAL INVENTORIES													
All manufacturing industries.....	677,285	675,570	672,949	0.3	0.4	0.4	676,197	680,087	672,030	646,595	(X)	(X)	4.6
Construction materials and supplies.....	70,219	69,810	69,343	0.6	0.7	0.5	71,047	70,766	69,621	66,193	(X)	(X)	7.3
Information technology.....	39,282	39,128	39,032	0.4	0.2	0.3	38,711	39,459	38,617	37,570	(X)	(X)	3.0
Computers and related products.....	4,317	4,363	4,395	-1.1	-0.7	0.5	4,077	4,526	4,396	4,161	(X)	(X)	-2.0
Motor vehicle and parts.....	35,663	35,543	35,422	0.3	0.3	0.8	35,547	35,953	35,836	33,976	(X)	(X)	4.6
Capital goods.....	206,018	206,301	205,174	-0.1	0.5	0.4	205,790	208,171	203,742	198,960	(X)	(X)	3.4
Nondefense capital goods ³	182,766	183,092	182,000	-0.2	0.6	0.5	182,452	184,897	180,694	177,187	(X)	(X)	3.0
Excluding aircraft.....	126,728	126,218	125,621	0.4	0.5	0.1	125,834	126,887	124,575	120,698	(X)	(X)	4.3
Defense capital goods ⁴	23,252	23,209	23,174	0.2	0.2	-0.6	23,338	23,274	23,048	21,773	(X)	(X)	7.2
Consumer goods.....	204,999	203,655	203,060	0.7	0.3	0.7	202,609	203,381	202,874	191,987	(X)	(X)	5.5
Consumer durable goods.....	30,534	30,411	30,332	0.4	0.3	0.9	30,062	30,786	30,800	28,740	(X)	(X)	4.6
Consumer nondurable goods.....	174,465	173,244	172,728	0.7	0.3	0.6	172,547	172,595	172,074	163,247	(X)	(X)	5.7

^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 3, 2018. 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 2018/ 2017
	Mar. 2018 ^p	Feb. 2018 ^f	Jan. 2018	Feb. - Mar.	Jan. - Feb.	Dec. - Jan.	Mar. 2018 ^p	Feb. 2018 ^f	Jan. 2018	Mar. 2017	
MATERIALS AND SUPPLIES											
All manufacturing industries.....	230,532	229,719	228,250	0.4	0.6	0.3	230,157	230,637	228,924	219,315	4.9
Durable goods industries.....	139,157	138,488	137,530	0.5	0.7	0.5	138,717	139,033	137,868	131,668	5.4
Wood products.....	5,075	5,021	4,983	1.1	0.8	-0.1	5,046	5,195	5,198	4,734	6.6
Nonmetallic mineral products.....	5,748	5,711	5,657	0.6	1.0	1.4	5,784	5,731	5,657	5,453	6.1
Primary metals.....	13,143	13,245	12,982	-0.8	2.0	1.2	12,872	13,200	13,146	11,939	7.8
Fabricated metal products.....	18,846	18,719	18,651	0.7	0.4	0.2	18,823	18,688	18,654	17,715	6.3
Machinery.....	25,626	25,529	25,340	0.4	0.7	0.3	25,567	25,565	25,286	23,495	8.8
Computers and electronic products.....	19,076	19,143	18,743	-0.3	2.1	1.2	19,008	19,333	18,658	17,764	7.0
Electrical equipment, appliances, and components.....	7,444	7,264	7,181	2.5	1.2	0.8	7,454	7,239	7,169	6,946	7.3
Transportation equipment.....	32,465	32,137	32,182	1.0	-0.1	0.0	32,602	32,400	32,248	32,446	0.5
Furniture and related products.....	3,822	3,827	3,896	-0.1	-1.8	2.6	3,779	3,830	3,937	3,628	4.2
Miscellaneous products.....	7,912	7,892	7,915	0.3	-0.3	-0.5	7,782	7,852	7,915	7,548	3.1
Nondurable goods industries.....	91,375	91,231	90,720	0.2	0.6	-0.1	91,440	91,604	91,056	87,647	4.3
Food products.....	18,731	18,490	18,179	1.3	1.7	-3.3	18,469	18,366	18,379	19,190	-3.8
Beverage and tobacco products.....	5,907	5,975	5,938	-1.1	0.6	0.4	5,986	6,098	6,051	5,916	1.2
Textiles.....	1,147	1,144	1,142	0.3	0.2	0.3	1,145	1,142	1,141	1,114	2.8
Textile products.....	1,270	1,273	1,272	-0.2	0.1	0.3	1,268	1,279	1,270	1,245	1.8
Apparel.....	522	525	517	-0.6	1.5	1.6	512	522	514	565	-9.4
Leather and allied products.....	231	232	230	-0.4	0.9	1.8	225	227	225	221	1.8
Paper products.....	7,912	7,898	7,883	0.2	0.2	0.1	8,005	8,017	7,970	7,719	3.7
Printing.....	2,687	2,683	2,685	0.1	-0.1	-0.1	2,681	2,685	2,640	2,597	3.2
Petroleum and coal products.....	12,926	12,885	12,597	0.3	2.3	2.6	12,785	12,738	12,578	10,193	25.4
Chemical products.....	29,357	29,433	29,556	-0.3	-0.4	0.1	29,580	29,719	29,509	28,509	3.8
Plastics and rubber products.....	10,685	10,693	10,721	-0.1	-0.3	1.1	10,784	10,811	10,779	10,378	3.9
WORK IN PROCESS											
All manufacturing industries.....	212,982	212,521	211,592	0.2	0.4	0.5	213,040	214,462	210,977	200,122	6.5
Durable goods industries.....	156,731	157,363	156,387	-0.4	0.6	0.6	157,063	159,308	155,907	150,789	4.2
Wood products.....	2,178	2,148	2,107	1.4	1.9	0.0	2,259	2,212	2,144	2,101	7.5
Nonmetallic mineral products.....	1,464	1,465	1,487	-0.1	-1.5	-2.1	1,527	1,525	1,494	1,519	0.5
Primary metals.....	10,249	10,036	10,156	2.1	-1.2	0.4	10,208	10,052	10,133	9,368	9.0
Fabricated metal products.....	13,931	13,835	13,735	0.7	0.7	0.7	13,898	13,836	13,687	12,860	8.1
Machinery.....	21,935	21,796	21,522	0.6	1.3	-0.4	21,820	22,006	21,350	20,662	5.6
Computers and electronic products.....	14,139	14,009	14,024	0.9	-0.1	-0.5	14,052	14,213	13,772	13,752	2.2
Electrical equipment, appliances, and components.....	4,088	4,114	4,068	-0.6	1.1	1.9	4,098	4,165	4,065	3,896	5.2
Transportation equipment.....	83,690	84,978	84,337	-1.5	0.8	1.1	84,200	86,302	84,317	82,085	2.6
Furniture and related products.....	1,281	1,266	1,234	1.2	2.6	0.9	1,267	1,267	1,247	1,116	13.5
Miscellaneous products.....	3,776	3,716	3,717	1.6	0.0	0.1	3,734	3,730	3,698	3,430	8.9
Nondurable goods industries.....	56,251	55,158	55,205	2.0	-0.1	0.2	55,977	55,154	55,070	49,333	13.5
Food products.....	6,290	6,454	6,406	-2.5	0.7	-5.4	6,019	6,636	6,690	5,941	1.3
Beverage and tobacco products.....	9,343	9,221	9,138	1.3	0.9	1.7	9,428	9,412	9,477	8,848	6.6
Textiles.....	701	703	696	-0.3	1.0	0.0	697	703	689	659	5.8
Textile products.....	412	405	413	1.7	-1.9	-0.2	414	411	415	406	2.0
Apparel.....	344	342	352	0.6	-2.8	4.1	329	346	344	316	4.1
Leather and allied products.....	86	83	83	3.6	0.0	-2.4	88	84	84	89	-1.1
Paper products.....	1,232	1,221	1,240	0.9	-1.5	-1.4	1,238	1,217	1,235	1,261	-1.8
Printing.....	1,037	1,026	1,033	1.1	-0.7	-2.5	1,043	1,015	996	1,083	-3.7
Petroleum and coal products.....	14,731	13,992	14,103	5.3	-0.8	2.2	14,500	13,794	13,437	10,616	36.6
Chemical products.....	18,811	18,471	18,504	1.8	-0.2	0.5	18,902	18,239	18,469	16,968	11.4
Plastics and rubber products.....	3,264	3,240	3,237	0.7	0.1	-1.5	3,319	3,297	3,234	3,146	5.5
FINISHED GOODS											
All manufacturing industries.....	233,771	233,330	233,107	0.2	0.1	0.4	233,000	234,988	232,129	227,158	2.6
Durable goods industries.....	115,601	115,123	115,089	0.4	0.0	-0.1	115,381	116,651	114,893	110,826	4.1
Wood products.....	4,942	4,945	4,920	-0.1	0.5	-0.1	5,160	5,129	4,992	4,987	3.5
Nonmetallic mineral products.....	6,484	6,462	6,510	0.3	-0.7	-1.0	6,683	6,647	6,550	6,342	5.4
Primary metals.....	11,611	11,517	11,426	0.8	0.8	0.0	11,753	11,667	11,541	10,887	8.0
Fabricated metal products.....	19,271	19,196	19,064	0.4	0.7	0.7	19,579	19,451	19,070	17,911	9.3
Machinery.....	23,419	23,304	23,308	0.5	0.0	-0.6	23,523	23,639	23,225	22,978	2.4
Computers and electronic products.....	12,796	12,741	12,878	0.4	-1.1	0.4	12,307	12,940	12,741	11,854	3.8
Electrical equipment, appliances, and components.....	6,951	6,985	7,044	-0.5	-0.8	0.3	6,929	7,050	6,974	6,555	5.7
Transportation equipment.....	15,576	15,418	15,423	1.0	0.0	-0.7	15,154	15,580	15,383	15,103	0.3
Furniture and related products.....	3,000	2,959	2,979	1.4	-0.7	-0.5	2,863	2,918	2,911	2,709	5.7
Miscellaneous products.....	11,551	11,596	11,537	-0.4	0.5	0.4	11,430	11,630	11,506	11,500	-0.6
Nondurable goods industries.....	118,170	118,207	118,018	0.0	0.2	0.9	117,619	118,337	117,236	116,332	1.1
Food products.....	31,165	31,097	31,169	0.2	-0.2	3.4	30,477	30,712	30,285	29,433	3.5
Beverage and tobacco products.....	8,948	8,932	8,905	0.2	0.3	-0.2	8,904	8,940	8,772	8,840	0.7
Textiles.....	1,487	1,486	1,498	0.1	-0.8	0.4	1,479	1,486	1,502	1,404	5.3
Textile products.....	1,785	1,786	1,770	-0.1	0.9	0.7	1,796	1,817	1,790	1,746	2.9
Apparel.....	1,252	1,233	1,214	1.5	1.6	-0.7	1,205	1,212	1,218	1,146	5.1
Leather and allied products.....	486	487	486	-0.2	0.2	1.3	471	474	481	469	0.4
Paper products.....	6,584	6,600	6,616	-0.2	-0.2	0.0	6,614	6,661	6,646	6,671	-0.9
Printing.....	1,738	1,731	1,721	0.4	0.6	-2.8	1,720	1,718	1,688	1,760	-2.3
Petroleum and coal products.....	16,050	16,005	15,858	0.3	0.9	1.4	15,266	15,699	16,257	13,941	9.5
Chemical products.....	36,443	36,578	36,468	-0.4	0.3	-0.5	37,145	37,087	36,369	38,754	-4.2
Plastics and rubber products.....	12,232	12,272	12,313	-0.3	-0.3	0.3	12,542	12,531	12,228	12,168	3.1

^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 3, 2018. 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 2018 ^b	Feb 2018 ^c	Jan 2018	Dec 2017	Mar 2018 ^b	Feb 2018 ^c	Jan 2018	Dec 2017
All manufacturing industries ³	1.35	1.35	1.35	1.35	(X)	(X)	(X)	(X)
Durable goods industries ³	1.64	1.65	1.65	1.65	6.52	6.51	6.52	6.58
Wood products.....	1.29	1.28	1.26	1.26	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.26	1.26	1.26	1.24	(X)	(X)	(X)	(X)
Primary metals.....	1.61	1.63	1.66	1.66	1.51	1.51	1.52	1.53
Fabricated metal products.....	1.53	1.52	1.52	1.53	2.53	2.50	2.51	2.52
Machinery.....	2.17	2.12	2.14	2.15	3.52	3.47	3.52	3.51
Computers and electronic products ³	1.63	1.62	1.62	1.62	5.43	5.43	5.41	5.41
Electrical equipment, appliances, and components.....	1.77	1.76	1.77	1.77	2.34	2.34	2.38	2.43
Transportation equipment.....	1.58	1.62	1.62	1.62	14.33	14.50	14.39	14.59
Furniture and related products.....	1.22	1.20	1.23	1.21	1.63	1.62	1.66	1.66
Miscellaneous products.....	1.79	1.79	1.79	1.75	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.05	1.05	1.05	1.05	(X)	(X)	(X)	(X)
Food products.....	0.81	0.80	0.81	0.81	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.83	1.85	1.86	1.86	(X)	(X)	(X)	(X)
Textiles.....	1.26	1.26	1.26	1.26	(X)	(X)	(X)	(X)
Textile products.....	1.51	1.50	1.53	1.52	(X)	(X)	(X)	(X)
Apparel.....	1.93	1.92	1.89	1.92	(X)	(X)	(X)	(X)
Leather and allied products.....	2.10	2.14	2.17	2.13	(X)	(X)	(X)	(X)
Paper products.....	0.95	0.95	0.95	0.96	(X)	(X)	(X)	(X)
Printing.....	0.85	0.85	0.85	0.87	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.85	0.84	0.81	0.82	(X)	(X)	(X)	(X)
Chemical products.....	1.24	1.24	1.24	1.24	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.29	1.29	1.29	1.29	(X)	(X)	(X)	(X)

^a Not Applicable

^b Preliminary

^c 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 3, 2018. 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 2018	Mar ³ 2017- Feb 2018	Mar ² 2018	Mar ³ 2017- Feb 2018	Mar ² 2018	Mar ³ 2017- Feb 2018	Mar ² 2018	Mar ³ 2017- Feb 2018
	Mar ² 2018	Mar ³ 2017- Feb 2018	Mar ² 2018	Mar ³ 2017- Feb 2018	Mar ² 2018	Mar ³ 2017- Feb 2018	Mar ² 2018	Mar ³ 2017- Feb 2018
All manufacturing industries.....	(X)	0.1	(X)	0.3	(X)	0.0	(X)	0.1
Durable goods industries.....	0.1	0.2	0.0	0.4	0.0	0.0	0.0	0.1
Wood products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Nonmetallic mineral products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.1
Primary metals.....	0.6	0.3	0.7	0.7	0.0	0.4	0.1	0.3
Fabricated metal products.....	0.2	0.3	0.2	0.8	-0.1	0.2	0.0	0.2
Machinery.....	0.0	0.2	-0.2	0.6	-0.1	0.2	0.1	0.1
Computers and electronic products.....	-0.2	0.3	-0.3	0.6	0.0	0.1	0.1	0.1
Electrical equipment, appliances, and components.....	0.1	0.2	0.5	0.7	0.2	0.3	0.3	0.1
Transportation equipment.....	0.0	0.2	0.0	0.7	0.0	0.1	0.0	0.1
Furniture and related products.....	(X)	0.4	(X)	0.8	(X)	0.6	(X)	0.3
Miscellaneous products.....	(X)	0.3	(X)	0.3	(X)	0.3	(X)	0.1
Nondurable goods industries.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.2
Food products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Beverage and tobacco products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.2
Textiles.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.1
Textile products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.3
Apparel.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.4
Leather and allied products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.4
Paper products.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.1
Printing.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.3
Petroleum and coal products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	1.2
Chemical products.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.2
Plastics and rubber products.....	(X)	0.3	(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 3, 2018. 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>.