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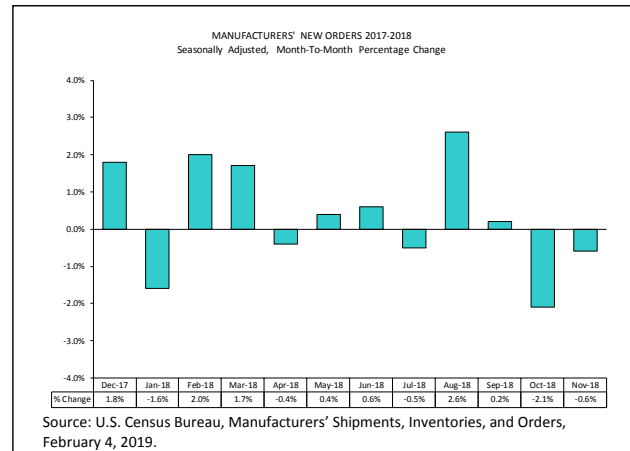
MONTHLY FULL REPORT ON MANUFACTURERS' SHIPMENTS, INVENTORIES AND ORDERS NOVEMBER 2018

Release Number: CB 19-02 M3-2 (18)-11

February 4, 2019 — The U.S. Census Bureau announces the November full report on manufacturers' shipments, inventories and orders:

MANUFACTURED GOODS – NEW ORDERS		
NOVEMBER 2018	\$499.2 billion	-0.6%°
OCTOBER 2018 (revised)	\$502.3 billion	-2.1%°

Data adjusted for seasonal variation but not for price changes.
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.
Source: U.S. Census Bureau, Manufacturers' Shipments, Inventories and Orders, February 4, 2019.



Summary

New orders for manufactured goods in November, down two consecutive months, decreased \$3.1 billion or 0.6 percent to \$499.2 billion, the U.S. Census Bureau reported today. This followed a 2.1 percent October decrease. Shipments, down two consecutive months, decreased \$3.2 billion or 0.6 percent to \$505.1 billion. This followed a 0.1 percent October decrease. Unfilled orders, down two consecutive months, decreased \$1.8 billion or 0.1 percent to \$1,181.5 billion. This followed a 0.2 percent October decrease. The unfilled orders-to-shipments ratio was 6.60, down from 6.68 in October. Inventories, down following twenty-four consecutive monthly increases, decreased \$1.0 billion or 0.1 percent to \$681.1 billion. This followed a 0.2 percent October increase. The inventories-to-shipments ratio was 1.35, up from 1.34 in October.

New Orders

New orders for manufactured durable goods in November, up following two consecutive monthly decreases, increased \$1.8 billion or 0.7 percent to \$250.8 billion, down from the previously published 0.8 percent increase. This followed a 4.3 percent October decrease. Transportation equipment, up three of the last four months, drove the increase, \$2.5 billion or 3.0 percent to \$87.0 billion. New orders for manufactured nondurable goods decreased \$4.9 billion or 1.9 percent to \$248.4 billion.

Data Inquiries

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Shipments

Shipments of manufactured durable goods in November, up three of the last four months, increased \$1.8 billion or 0.7 percent to \$256.7 billion, unchanged from the previously published increase. This followed a 0.3 percent October decrease. Transportation equipment, also up three of the last four months, drove the increase, \$1.8 billion or 2.1 percent to \$89.5 billion. Shipments of manufactured nondurable goods, down following eight consecutive monthly increases, decreased \$4.9 billion or 1.9 percent to \$248.4 billion. This followed a 0.1 percent October increase. Petroleum and coal products, also down following eight consecutive monthly increases, drove the decrease, \$5.5 billion or 9.3 percent to \$53.2 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in November, down two consecutive months, decreased \$1.8 billion or 0.1 percent to \$1,181.5 billion, unchanged from the previously published decrease. This followed a 0.2 percent October decrease. Transportation equipment, also down two consecutive months, drove the decrease, \$2.5 billion or 0.3 percent to \$812.4 billion.

Inventories

Inventories of manufactured durable goods in November, up twenty-two of the last twenty-three months, increased \$1.6 billion or 0.4 percent to \$413.7 billion, up from the previously published 0.3 percent increase. This followed a 0.2 percent October increase. Primary metals, up twenty-four of the last twenty-five months, led the increase, \$0.3 billion or 0.9 percent to \$36.1 billion. Inventories of manufactured nondurable goods, down following sixteen consecutive monthly increases, decreased \$2.6 billion or 1.0 percent to \$267.4 billion. This followed a 0.1 percent October increase. Petroleum and coal products, down two consecutive months, drove the decrease, \$3.1 billion or 7.3 percent to \$39.8 billion. By stage of fabrication, November materials and supplies increased 0.7 percent in durable goods and decreased 0.7 percent in nondurable goods. Work in process decreased 0.1 percent in durable goods and decreased 1.6 percent in nondurable goods. Finished goods increased 0.7 percent in durable goods and decreased 0.9 percent in nondurable goods.

The U.S. Census Bureau continues to update its 2019 economic indicator release calendar in coordination with other agencies and the Office of Management and Budget to address the impacts of the recent lapse in federal funding. We will provide additional updated release dates as soon as they become available. Please visit our webpage at <www.census.gov/economic-indicators>.

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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 June 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

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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/.

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 are available on a seasonally adjusted basis as well as a not seasonally adjusted basis at: <https://www.census.gov/econ/currentdata/>.

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.

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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		
	Nov. 2018 ^p	Oct. 2018 ^r	Sep. 2018	Oct. - Nov.	Sep. - Oct.	Aug. - Sep.	Nov. 2018 ^p	Oct. 2018 ^r	Sep. 2018	Nov. 2017	2018 ^p	2017	% Change 2018/2017
All manufacturing industries ²	499,194	502,261	513,217	-0.6	-2.1	0.2	488,803	517,515	520,015	471,586	5,499,642	5,097,549	7.9
Excluding transportation ²	412,161	417,749	416,780	-1.3	0.2	0.1	400,108	430,230	419,550	387,470	4,538,752	4,229,151	7.3
Excluding defense ²	482,868	488,129	491,172	-1.1	-0.6	-0.4	471,257	505,061	494,628	458,601	5,335,506	4,966,873	7.4
With unfilled orders ²	177,384	175,039	186,721	1.3	-6.3	-0.3	172,834	176,640	192,018	165,340	1,956,810	1,793,669	9.1
Durable goods industries ²	250,794	248,945	260,178	0.7	-4.3	0.0	244,576	255,828	266,421	233,321	2,754,612	2,540,268	8.4
Primary metals.....	21,590	21,414	21,909	0.8	-2.3	-1.3	20,553	21,997	20,757	18,919	238,531	206,257	15.6
Iron and steel mills.....	10,873	10,635	11,152	2.2	-4.6	-0.9	10,259	10,819	10,300	9,206	119,635	101,194	18.2
Aluminum and nonferrous metals.....	9,262	9,377	9,344	-1.2	0.4	-1.4	8,931	9,763	9,076	8,408	103,293	89,977	14.8
Ferrous metal foundries.....	1,455	1,402	1,413	3.8	-0.8	-4.0	1,363	1,415	1,381	1,305	15,603	15,086	3.4
Fabricated metal products.....	33,647	33,354	32,851	0.9	1.5	-2.1	31,652	34,401	32,476	30,050	368,529	337,739	9.1
Machinery.....	32,858	33,421	33,339	-1.7	0.2	0.2	30,417	34,047	32,616	28,483	362,117	342,687	5.7
Construction machinery.....	2,989	2,967	3,191	0.7	-7.0	-1.1	2,967	3,154	3,121	2,418	33,024	30,667	7.7
Mining, oil field, and gas field machinery.....	1,499	1,449	1,539	3.5	-5.8	-0.6	1,479	1,556	1,672	1,680	16,479	16,592	-0.7
Industrial machinery.....	2,545	2,744	2,847	-7.3	-3.6	-2.5	2,173	2,818	3,022	2,000	28,757	28,451	1.1
Photographic equipment.....	522	575	542	-9.2	6.1	24.3	504	659	599	515	5,648	5,645	0.1
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,856	4,089	3,975	-5.7	2.9	2.1	3,470	3,823	3,878	3,531	43,662	41,194	6.0
Metalworking machinery.....	2,502	2,677	2,533	-6.5	5.7	-1.7	2,478	2,846	2,468	2,894	29,430	28,419	3.6
Turbines, generators, and other power transmission equipment.....	4,364	4,345	4,476	0.4	-2.9	3.5	4,356	4,430	4,229	4,159	46,127	42,981	7.3
Material handling equipment.....	2,760	2,864	2,767	-3.6	3.5	-4.9	2,569	2,777	2,675	2,468	30,982	28,638	8.2
Computers and electronic products ²	24,055	24,119	23,449	-0.3	2.9	0.6	23,155	23,064	26,946	21,856	250,809	233,708	7.3
Computers.....	862	847	878	1.8	-3.5	0.9	818	812	1,044	771	8,925	9,330	-4.3
Nondefense communications equipment.....	3,500	3,466	3,414	1.0	1.5	3.0	3,278	3,055	4,182	3,008	35,610	33,312	6.9
Defense communications equipment.....	309	324	297	-4.6	9.1	-5.7	314	305	330	247	3,176	2,841	11.8
Electronic components.....	3,655	3,540	3,496	3.2	1.3	4.3	3,282	3,511	3,550	3,284	38,905	38,155	2.0
Nondefense search and navigation equipment.....	1,539	1,639	1,534	-6.1	6.8	-1.5	1,557	1,765	1,740	1,735	17,576	16,698	5.3
Defense search and navigation equipment.....	2,988	3,024	2,773	-1.2	9.1	-2.8	2,850	2,798	3,283	2,548	29,832	27,354	9.1
Electromedical, measuring, and control instruments.....	9,509	9,570	9,440	-0.6	1.4	0.1	9,307	9,048	10,960	8,795	100,096	88,923	12.6
Electrical equipment, appliances, and components.....	11,438	11,566	11,455	-1.1	1.0	-0.7	11,041	12,075	11,670	10,650	124,914	118,068	5.8
Electric lighting equipment.....	1,033	1,033	1,036	0.0	-0.3	-1.7	1,034	1,100	1,038	1,066	11,613	11,944	-2.8
Household appliances.....	1,702	1,760	1,793	-3.3	-1.8	4.7	1,726	1,944	1,876	1,792	19,097	19,463	-1.9
Electrical equipment.....	2,986	3,075	3,148	-2.9	-2.3	0.8	2,813	3,096	3,145	2,885	33,791	32,636	3.5
Transportation equipment.....	87,033	84,512	96,437	3.0	-12.4	0.9	88,695	87,285	100,465	84,116	960,890	868,398	10.7
Motor vehicle bodies, parts, and trailers.....	27,776	27,757	27,624	0.1	0.5	-0.1	27,706	29,024	27,174	25,489	300,791	285,272	5.4
Nondefense aircraft and parts.....	10,203	9,546	13,391	6.9	-28.7	-19.1	10,719	9,006	14,484	16,561	143,464	133,317	7.6
Defense aircraft and parts.....	6,800	5,181	11,584	31.2	-55.3	117.1	7,202	4,287	12,259	3,739	57,815	45,803	26.2
Ships and boats.....	2,968	1,720	2,709	72.6	-36.5	-28.6	3,800	2,136	3,735	3,059	33,832	31,042	9.0
Furniture and related products.....	6,415	6,531	6,672	-1.8	-2.1	0.8	6,313	6,718	6,741	6,522	72,631	70,724	2.7
Nondurable goods industries.....	248,400	253,316	253,039	-1.9	0.1	0.5	244,227	261,687	253,594	238,265	2,745,030	2,557,281	7.3

^p Preliminary

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

¹ Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted estimates of shipments and new orders include adjusted data for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holiday and trading-day differences, where appropriate, as well as seasonal variation, based on the results of the latest annual review of the model parameters. Estimates are not adjusted for price changes.

² 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, November Full Report, February 4, 2019. 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 November 2018/ 2017
	Monthly			Percent Change			Monthly				
	Nov. 2018 ^p	Oct. 2018 ^f	Sep. 2018	Oct. - Nov.	Sep. - Oct.	Aug. - Sep.	Nov. 2018 ^p	Oct. 2018 ^f	Sep. 2018	Nov. 2017	
All manufacturing industries ²	1,181,532	1,183,284	1,185,282	-0.1	-0.2	0.7	1,172,068	1,173,580	1,178,161	1,121,279	4.5
Excluding transportation ²	369,163	368,431	367,249	0.2	0.3	0.3	364,004	364,831	364,452	346,884	4.9
Excluding defense ²	983,154	987,347	989,419	-0.4	-0.2	0.0	974,899	979,094	982,312	942,406	3.4
Durable goods industries ²	1,181,532	1,183,284	1,185,282	-0.1	-0.2	0.7	1,172,068	1,173,580	1,178,161	1,121,279	4.5
Primary metals.....	31,140	31,418	31,656	-0.9	-0.8	0.5	30,450	30,339	30,487	27,311	11.5
Iron and steel mills.....	16,347	16,636	17,052	-1.7	-2.4	0.3	15,677	15,776	16,336	13,816	13.5
Aluminum and nonferrous metals.....	11,306	11,328	11,158	-0.2	1.5	0.3	11,370	11,201	10,789	10,353	9.8
Ferrous metal foundries.....	3,487	3,454	3,446	1.0	0.2	2.3	3,403	3,362	3,362	3,142	8.3
Fabricated metal products.....	85,529	84,939	84,687	0.7	0.3	-0.1	83,854	83,954	84,557	77,529	8.2
Machinery.....	106,054	106,089	105,705	0.0	0.4	0.6	105,130	105,567	104,920	102,026	3.0
Construction machinery.....	6,674	6,607	6,606	1.0	0.0	3.5	6,438	6,281	6,330	6,001	7.3
Mining, oil field, and gas field machinery.....	4,382	4,367	4,390	0.3	-0.5	1.0	4,422	4,436	4,392	4,596	-3.8
Industrial machinery.....	8,671	8,688	8,610	-0.2	0.9	1.0	8,512	8,679	8,526	8,636	-1.4
Photographic equipment.....	1,476	1,502	1,512	-1.7	-0.7	-2.8	1,525	1,529	1,461	1,704	-10.5
Ventilation, heating, air-conditioning, and refrigeration equipment.....	7,357	7,308	7,088	0.7	3.1	1.6	7,187	7,190	6,993	6,105	17.7
Metalworking machinery.....	7,741	7,867	7,812	-1.6	0.7	0.5	7,608	7,751	7,720	7,879	-3.4
Turbines, generators, and other power transmission equipment.....	29,175	29,314	29,421	-0.5	-0.4	-0.1	29,157	29,299	29,447	29,923	-2.6
Material handling equipment.....	13,050	13,057	12,917	-0.1	1.1	0.5	12,716	12,825	12,920	11,240	13.1
Computers and electronic products ²	117,254	116,678	115,925	0.5	0.6	0.4	115,980	116,069	115,704	111,884	3.7
Computers.....	2,191	2,132	2,103	2.8	1.4	2.3	2,191	2,132	2,103	1,842	18.9
Nondefense communications equipment.....	25,276	25,091	24,895	0.7	0.8	0.5	24,993	24,842	24,754	23,511	6.3
Defense communications equipment.....	1,409	1,427	1,437	-1.3	-0.7	-0.7	1,379	1,434	1,466	1,449	-4.8
Electronic components.....	12,838	12,732	12,658	0.8	0.6	0.8	12,545	12,610	12,565	11,589	8.2
Nondefense search and navigation equipment.....	19,752	19,749	19,671	0.0	0.4	0.1	19,985	19,953	19,718	19,343	3.3
Defense search and navigation equipment.....	27,544	27,358	27,095	0.7	1.0	0.1	27,067	27,183	27,106	26,947	0.4
Electromedical, measuring, and control instruments.....	28,244	28,189	28,066	0.2	0.4	0.5	27,820	27,915	27,992	27,203	2.3
Electrical equipment, appliances, and components.....	19,796	19,839	19,787	-0.2	0.3	-0.7	19,247	19,452	19,386	18,969	1.5
Electric lighting equipment.....	1,410	1,405	1,411	0.4	-0.4	-0.3	1,398	1,400	1,411	1,391	0.5
Household appliances.....	1,388	1,407	1,413	-1.4	-0.4	2.5	1,340	1,394	1,373	1,208	10.9
Electrical equipment.....	7,673	7,699	7,696	-0.3	0.0	-0.5	7,600	7,636	7,505	7,851	-3.2
Transportation equipment.....	812,369	814,853	818,033	-0.3	-0.4	0.9	808,064	808,749	813,709	774,395	4.3
Motor vehicle bodies, parts, and trailers.....	27,120	27,010	26,900	0.4	0.4	0.1	26,484	25,886	26,820	25,419	4.2
Nondefense aircraft and parts.....	595,916	600,702	603,978	-0.8	-0.5	-0.2	592,992	597,125	599,939	580,921	2.1
Defense aircraft and parts.....	82,267	79,982	79,534	2.9	0.6	9.4	81,242	78,797	79,130	70,245	15.7
Ships and boats.....	29,336	29,148	30,150	0.6	-3.3	-0.1	30,221	29,370	30,043	30,663	-1.4
Furniture and related products.....	8,854	8,929	8,948	-0.8	-0.2	2.6	8,807	8,911	8,857	8,542	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.

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, November Full Report, February 4, 2019. 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						% Change ⁶
	Monthly			Percent Change			Monthly			Year to date			
	Nov. 2018 ^p	Oct. 2018 ^r	Sep. 2018	Oct. - Nov.	Sep. - Oct.	Aug. - Sep.	Nov. 2018 ^p	Oct. 2018 ^r	Sep. 2018	Nov. 2017	2018 ^p	2017	
SHIPMENTS													
All manufacturing industries.....	505,116	508,280	508,879	-0.6	-0.1	0.7	495,029	527,031	516,992	473,983	5,508,622	5,134,704	7.3
Construction materials and supplies.....	51,440	51,650	51,531	-0.4	0.2	-0.4	48,901	55,402	52,114	47,286	570,033	538,000	6.0
Information technology.....	25,289	25,197	24,852	0.4	1.4	-0.1	24,957	24,704	27,776	22,913	264,963	243,152	9.0
Computers and related products.....	1,891	1,919	1,892	-1.5	1.4	-2.4	1,742	1,792	2,265	1,665	19,592	21,213	-7.6
Motor vehicle and parts.....	60,556	60,732	60,547	-0.3	0.3	1.1	60,158	66,261	60,369	55,003	651,689	602,690	8.1
Capital goods.....	91,497	89,776	90,992	1.9	-1.3	2.2	89,652	89,258	97,752	84,253	966,799	900,592	7.4
Nondefense capital goods ³	79,557	77,696	79,206	2.4	-1.9	2.4	76,737	77,377	84,982	72,474	841,020	788,334	6.7
Excluding aircraft.....	68,903	69,030	68,491	-0.2	0.8	-0.3	66,234	69,538	71,717	63,367	742,987	696,169	6.7
Defense capital goods ⁴	11,940	12,080	11,786	-1.2	2.5	1.1	12,915	11,881	12,770	11,779	125,779	112,258	12.0
Consumer goods.....	210,909	216,246	215,802	-2.5	0.2	0.9	210,378	225,540	217,652	203,460	2,323,699	2,132,058	9.0
Consumer durable goods.....	43,733	44,094	43,884	-0.8	0.5	1.3	43,812	47,598	44,522	40,827	470,655	437,391	7.6
Consumer nondurable goods.....	167,176	172,152	171,918	-2.9	0.1	0.8	166,566	177,942	173,130	162,633	1,853,044	1,694,667	9.3
NEW ORDERS													
All manufacturing industries ⁵	499,194	502,261	513,217	-0.6	-2.1	0.2	488,803	517,515	520,015	471,586	5,499,642	5,097,549	7.9
Construction materials and supplies.....	51,953	52,104	51,487	-0.3	1.2	-1.0	48,940	55,213	51,577	47,545	575,557	542,703	6.1
Information technology.....	25,730	25,927	25,045	-0.8	3.5	-0.3	24,816	25,017	28,662	22,927	267,686	245,093	9.2
Computers and related products.....	1,950	1,948	1,940	0.1	0.4	-1.1	1,801	1,821	2,313	1,683	19,905	21,476	-7.3
Motor vehicle and parts.....	60,666	60,842	60,578	-0.3	0.4	0.8	60,756	65,327	60,538	55,411	651,666	603,627	8.0
Capital goods.....	89,289	86,865	92,339	2.8	-5.9	-5.4	87,478	85,308	99,157	84,944	978,805	901,874	8.5
Nondefense capital goods ³	75,331	74,850	78,513	0.6	-4.7	-3.2	72,721	75,150	81,808	74,342	844,579	793,632	6.4
Excluding aircraft.....	69,255	69,687	69,346	-0.6	0.5	-0.6	65,720	70,215	72,022	61,730	749,929	704,369	6.5
Defense capital goods ⁴	13,958	12,015	13,826	16.2	-13.1	-16.2	14,757	10,158	17,349	10,602	134,226	108,242	24.0
Consumer goods.....	210,829	216,185	215,759	-2.5	0.2	1.0	210,332	225,536	217,725	203,682	2,323,776	2,132,645	9.0
Consumer durable goods.....	43,653	44,033	43,841	-0.9	0.4	1.6	43,766	47,594	44,595	41,049	470,732	437,978	7.5
Consumer nondurable goods.....	167,176	172,152	171,918	-2.9	0.1	0.8	166,566	177,942	173,130	162,633	1,853,044	1,694,667	9.3
UNFILLED ORDERS													
All manufacturing industries ⁵	1,181,532	1,183,284	1,185,282	-0.1	-0.2	0.7	1,172,068	1,173,580	1,178,161	1,121,279	(X)	(X)	4.5
Construction materials and supplies.....	59,323	58,810	58,356	0.9	0.8	-0.1	58,095	58,056	58,245	52,829	(X)	(X)	10.0
Information technology.....	115,217	114,776	114,046	0.4	0.6	0.2	113,869	114,010	113,697	110,518	(X)	(X)	3.0
Computers and related products.....	2,191	2,132	2,103	2.8	1.4	2.3	2,191	2,132	2,103	1,842	(X)	(X)	18.9
Motor vehicle and parts.....	27,120	27,010	26,900	0.4	0.4	0.1	26,484	25,886	26,820	25,419	(X)	(X)	4.2
Capital goods.....	866,641	868,849	871,760	-0.3	-0.3	0.2	861,099	863,273	867,223	839,996	(X)	(X)	2.5
Nondefense capital goods ³	710,630	714,856	717,702	-0.6	-0.4	-0.1	706,371	710,387	712,614	695,570	(X)	(X)	1.6
Excluding aircraft.....	223,618	223,266	222,609	0.2	0.3	0.4	221,432	221,946	221,269	215,784	(X)	(X)	2.6
Defense capital goods ⁴	156,011	153,993	154,058	1.3	0.0	1.3	154,728	152,886	154,609	144,426	(X)	(X)	7.1
Consumer goods.....	4,897	4,977	5,038	-1.6	-1.2	-0.8	4,888	4,934	4,938	5,153	(X)	(X)	-5.1
Consumer durable goods.....	4,897	4,977	5,038	-1.6	-1.2	-0.8	4,888	4,934	4,938	5,153	(X)	(X)	-5.1
TOTAL INVENTORIES													
All manufacturing industries.....	681,056	682,058	680,834	-0.1	0.2	0.6	681,549	686,051	681,230	654,206	(X)	(X)	4.2
Construction materials and supplies.....	73,914	73,580	73,325	0.5	0.3	0.9	72,748	72,626	73,037	67,359	(X)	(X)	8.0
Information technology.....	39,356	39,235	39,262	0.3	-0.1	1.1	39,788	39,504	38,939	38,125	(X)	(X)	4.4
Computers and related products.....	3,723	3,658	3,742	1.8	-2.2	1.6	3,802	3,675	3,711	3,801	(X)	(X)	0.0
Motor vehicle and parts.....	36,971	36,612	36,470	1.0	0.4	-0.3	36,961	36,929	36,586	34,926	(X)	(X)	5.8
Capital goods.....	203,860	203,464	202,860	0.2	0.3	1.2	205,451	204,092	202,055	196,625	(X)	(X)	4.5
Nondefense capital goods ³	180,980	180,648	180,141	0.2	0.3	1.3	182,673	181,341	179,462	174,325	(X)	(X)	4.8
Excluding aircraft.....	126,484	125,947	125,754	0.4	0.2	1.0	127,794	126,509	125,491	121,539	(X)	(X)	5.1
Defense capital goods ⁴	22,880	22,816	22,719	0.3	0.4	0.5	22,778	22,571	22,593	22,300	(X)	(X)	2.1
Consumer goods.....	200,490	202,864	203,046	-1.2	-0.1	0.1	202,090	207,946	204,942	197,356	(X)	(X)	2.4
Consumer durable goods.....	30,626	30,249	30,186	1.2	0.2	-0.9	30,818	30,777	30,502	29,398	(X)	(X)	4.8
Consumer nondurable goods.....	169,864	172,615	172,860	-1.6	-0.1	0.3	171,272	177,169	174,440	167,958	(X)	(X)	2.0

^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, November Full Report, February 4, 2019. 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 November 2018/ 2017
	Nov. 2018 ^g	Oct. 2018 ^f	Sep. 2018	Oct. - Nov.	Sep. - Oct.	Aug. - Sep.	Nov. 2018 ^g	Oct. 2018 ^f	Sep. 2018	Nov. 2017	
MATERIALS AND SUPPLIES											
All manufacturing industries.....	237,283	236,964	235,943	0.1	0.4	0.6	236,778	238,254	236,467	221,386	7.0
Durable goods industries.....	145,107	144,166	143,254	0.7	0.6	1.0	144,905	144,646	144,142	132,769	9.1
Wood products.....	5,204	5,160	5,102	0.9	1.1	0.3	5,295	5,221	5,135	4,992	6.1
Nonmetallic mineral products.....	5,997	5,949	5,945	0.8	0.1	0.1	5,945	5,908	5,947	5,504	8.0
Primary metals.....	13,032	12,945	12,936	0.7	0.1	-0.1	13,163	13,171	13,199	12,256	7.4
Fabricated metal products.....	20,736	20,699	20,670	0.2	0.1	1.0	20,549	20,674	20,926	18,356	11.9
Machinery.....	28,460	28,305	27,976	0.5	1.2	1.7	28,501	28,536	28,209	25,157	13.3
Computers and electronic products.....	19,149	19,030	18,950	0.6	0.4	0.5	19,137	19,142	18,822	17,746	7.8
Electrical equipment, appliances, and components.....	8,330	8,274	8,179	0.7	1.2	2.2	8,219	8,269	8,049	7,142	15.1
Transportation equipment.....	32,327	31,996	31,696	1.0	0.9	1.6	32,229	31,921	32,034	30,244	6.6
Furniture and related products.....	3,932	3,924	3,890	0.2	0.9	-0.1	3,911	3,896	3,876	3,717	5.2
Miscellaneous products.....	7,940	7,884	7,910	0.7	-0.3	-0.7	7,956	7,908	7,945	7,655	3.9
Nondurable goods industries.....	92,176	92,798	92,689	-0.7	0.1	0.0	91,873	93,608	92,325	88,617	3.7
Food products.....	17,572	17,603	17,935	-0.2	-1.9	0.6	18,113	18,448	17,804	18,199	-0.5
Beverage and tobacco products.....	5,999	5,971	5,949	0.5	0.4	1.8	6,132	6,053	5,854	6,044	1.5
Textiles.....	1,179	1,166	1,145	1.1	1.8	-0.9	1,166	1,153	1,142	1,066	9.4
Textile products.....	1,325	1,312	1,315	1.0	-0.2	-0.2	1,318	1,301	1,327	1,283	2.7
Apparel.....	518	509	510	1.8	-0.2	-0.2	504	516	516	462	9.1
Leather and allied products.....	277	272	271	1.8	0.4	1.5	273	273	274	236	15.7
Paper products.....	8,057	8,129	8,199	-0.9	-0.9	-0.2	8,031	8,085	8,245	7,870	2.0
Printing.....	2,879	2,868	2,849	0.4	0.7	1.3	2,891	2,903	2,878	2,739	5.5
Petroleum and coal products.....	11,702	12,341	12,193	-5.2	1.2	-1.6	11,376	12,646	12,281	10,990	3.5
Chemical products.....	31,189	31,095	30,891	0.3	0.7	-0.4	30,715	30,776	30,582	29,156	5.3
Plastics and rubber products.....	11,479	11,532	11,432	-0.5	0.9	1.0	11,354	11,454	11,422	10,572	7.4
WORK IN PROCESS											
All manufacturing industries.....	207,096	208,197	209,152	-0.5	-0.5	1.0	207,867	210,097	208,046	201,524	3.1
Durable goods industries.....	151,832	152,041	152,178	-0.1	-0.1	0.6	152,090	152,231	151,292	147,951	2.8
Wood products.....	2,275	2,282	2,272	-0.3	0.4	-0.1	2,235	2,249	2,241	2,044	9.3
Nonmetallic mineral products.....	1,596	1,584	1,546	0.8	2.5	-0.5	1,518	1,509	1,518	1,487	2.1
Primary metals.....	10,679	10,689	10,568	-0.1	1.1	-0.7	10,591	10,659	10,633	9,454	12.0
Fabricated metal products.....	13,876	13,880	13,933	0.0	-0.4	0.8	13,926	13,922	14,014	13,251	5.1
Machinery.....	18,188	18,328	18,701	-0.8	-2.0	-0.8	18,753	18,568	18,730	19,013	-1.4
Computers and electronic products.....	12,584	12,552	12,795	0.3	-1.9	0.6	12,430	12,450	12,503	13,046	-4.7
Electrical equipment, appliances, and components.....	4,144	4,086	4,057	1.4	0.7	1.6	4,063	4,033	3,982	3,613	12.5
Transportation equipment.....	83,310	83,492	83,156	-0.2	0.4	1.1	83,374	83,650	82,476	81,096	2.8
Furniture and related products.....	1,365	1,347	1,390	1.3	-3.1	-1.7	1,358	1,338	1,385	1,342	1.2
Miscellaneous products.....	3,815	3,801	3,760	0.4	1.1	-0.3	3,842	3,853	3,810	3,605	6.6
Nondurable goods industries.....	55,264	56,156	56,974	-1.6	-1.4	2.1	55,777	57,866	56,754	53,573	4.1
Food products.....	5,787	5,788	6,194	0.0	-6.6	0.7	6,651	6,767	5,699	7,670	-13.3
Beverage and tobacco products.....	9,340	9,357	9,359	-0.2	0.0	-0.6	9,595	9,831	9,337	9,303	3.1
Textiles.....	728	728	715	0.0	1.8	1.1	728	733	724	698	4.3
Textile products.....	422	426	436	-0.9	-2.3	0.9	425	432	443	420	1.2
Apparel.....	336	341	342	-1.5	-0.3	0.3	324	344	354	296	9.5
Leather and allied products.....	79	80	82	-1.3	-2.4	1.2	79	77	82	76	3.9
Paper products.....	1,303	1,304	1,294	-0.1	0.8	-0.7	1,298	1,297	1,298	1,253	3.6
Printing.....	1,175	1,152	1,147	2.0	0.4	3.9	1,186	1,244	1,211	1,117	6.2
Petroleum and coal products.....	12,084	13,458	14,185	-10.2	-5.1	3.7	11,772	13,894	14,565	11,397	3.3
Chemical products.....	20,764	20,282	20,020	2.4	1.3	3.1	20,475	20,016	19,855	18,282	12.0
Plastics and rubber products.....	3,246	3,240	3,200	0.2	1.3	0.8	3,244	3,231	3,186	3,061	6.0
FINISHED GOODS											
All manufacturing industries.....	236,677	236,897	235,739	-0.1	0.5	0.3	236,904	237,700	236,717	231,296	2.4
Durable goods industries.....	116,712	115,872	115,637	0.7	0.2	0.8	116,893	115,593	115,086	113,634	2.9
Wood products.....	4,964	4,953	4,935	0.2	0.4	1.2	4,883	4,791	4,739	4,815	1.4
Nonmetallic mineral products.....	7,296	7,267	7,212	0.4	0.8	2.3	7,030	6,992	7,087	6,515	7.9
Primary metals.....	12,412	12,167	12,032	2.0	1.1	-0.4	12,166	11,883	12,055	11,280	7.9
Fabricated metal products.....	19,905	19,725	19,609	0.9	0.6	0.6	19,538	19,416	19,337	18,152	7.6
Machinery.....	23,408	23,141	22,976	1.2	0.7	1.2	23,586	22,818	22,838	23,047	2.3
Computers and electronic products.....	11,523	11,542	11,760	-0.2	-1.9	2.3	11,920	11,753	11,814	12,147	-1.9
Electrical equipment, appliances, and components.....	6,970	6,911	6,922	0.9	-0.2	0.6	6,882	6,887	6,906	6,859	0.3
Transportation equipment.....	15,742	15,642	15,705	0.6	-0.4	-1.0	16,168	16,267	15,748	16,045	0.8
Furniture and related products.....	2,660	2,674	2,664	-0.5	0.4	1.8	2,681	2,651	2,653	2,701	-0.7
Miscellaneous products.....	11,832	11,850	11,822	-0.2	0.2	1.1	12,039	12,135	11,909	12,073	-0.3
Nondurable goods industries.....	119,965	121,025	120,102	-0.9	0.8	-0.2	120,011	122,107	121,631	117,662	2.0
Food products.....	30,092	30,152	29,932	-0.2	0.7	-0.2	30,573	31,517	31,410	30,377	0.6
Beverage and tobacco products.....	9,157	9,212	9,164	-0.6	0.5	-0.6	9,038	9,241	9,200	9,132	-1.0
Textiles.....	1,456	1,444	1,404	0.8	2.8	0.9	1,438	1,445	1,395	1,355	6.1
Textile products.....	1,785	1,764	1,769	1.2	-0.3	1.0	1,770	1,761	1,765	1,647	7.5
Apparel.....	1,119	1,120	1,110	-0.1	0.9	1.6	1,059	1,162	1,164	1,031	2.7
Leather and allied products.....	451	450	445	0.2	1.1	1.8	449	446	447	442	1.6
Paper products.....	6,671	6,579	6,525	1.4	0.8	-0.5	6,571	6,456	6,558	6,481	1.4
Printing.....	1,497	1,482	1,489	1.0	-0.5	-2.4	1,509	1,514	1,488	1,597	-5.5
Petroleum and coal products.....	15,976	17,102	16,903	-6.6	1.2	0.8	16,221	17,255	17,525	15,510	4.6
Chemical products.....	39,239	39,311	39,009	-0.2	0.8	-0.8	39,008	39,048	38,430	38,340	1.7
Plastics and rubber products.....	12,522	12,409	12,352	0.9	0.5	0.6	12,375	12,262	12,249	11,748	5.3

^g 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, November Full Report, February 4, 2019. 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			
	Nov 2018 ^a	Oct 2018 ^b	Sep 2018	Aug 2018	Nov 2018 ^a	Oct 2018 ^b	Sep 2018	Aug 2018
All manufacturing industries ²	1.35	1.34	1.34	1.34	(X)	(X)	(X)	(X)
Durable goods industries ²	1.61	1.62	1.61	1.61	6.60	6.68	6.65	6.67
Wood products.....	1.36	1.35	1.31	1.29	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.37	1.35	1.35	1.32	(X)	(X)	(X)	(X)
Primary metals.....	1.65	1.65	1.63	1.64	1.42	1.45	1.46	1.45
Fabricated metal products.....	1.65	1.64	1.65	1.63	2.66	2.64	2.65	2.65
Machinery.....	2.13	2.11	2.13	2.10	3.60	3.59	3.59	3.53
Computers and electronic products ³	1.56	1.57	1.60	1.59	5.38	5.39	5.43	5.36
Electrical equipment, appliances, and components.....	1.69	1.67	1.65	1.65	1.87	1.87	1.85	1.89
Transportation equipment.....	1.47	1.50	1.46	1.49	14.35	14.92	14.55	14.98
Furniture and related products.....	1.23	1.21	1.23	1.22	1.54	1.55	1.56	1.52
Miscellaneous products.....	1.72	1.70	1.70	1.71	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.08	1.07	1.07	1.07	(X)	(X)	(X)	(X)
Food products.....	0.80	0.80	0.81	0.80	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.94	1.93	1.90	1.89	(X)	(X)	(X)	(X)
Textiles.....	1.34	1.33	1.29	1.28	(X)	(X)	(X)	(X)
Textile products.....	1.48	1.47	1.50	1.52	(X)	(X)	(X)	(X)
Apparel.....	2.02	1.99	1.98	1.98	(X)	(X)	(X)	(X)
Leather and allied products.....	1.96	2.00	2.00	1.88	(X)	(X)	(X)	(X)
Paper products.....	1.00	0.99	0.98	0.99	(X)	(X)	(X)	(X)
Printing.....	0.83	0.82	0.84	0.83	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.75	0.73	0.74	0.76	(X)	(X)	(X)	(X)
Chemical products.....	1.37	1.37	1.36	1.36	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.38	1.38	1.36	1.35	(X)	(X)	(X)	(X)

^a Not Applicable

^b Preliminary

² Revised data due to late receipts and concurrent seasonal adjustment.

³ 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.

¹ 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, November Full Report, February 4, 2019. 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	
	Nov ² 2018	Nov ³ 2017-2018	Nov ² 2018	Nov ³ 2017-2018	Nov ² 2018	Nov ³ 2017-2018	Nov ² 2018	Nov ³ 2017-2018
	All manufacturing industries.....	(X)	0.1	(X)	0.3	(X)	0.1	(X)
Durable goods industries.....	0.0	0.2	-0.1	0.4	0.0	0.1	0.1	0.1
Wood products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Nonmetallic mineral products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Primary metals.....	-0.2	0.4	-0.2	0.8	0.0	0.3	0.0	0.4
Fabricated metal products.....	0.1	0.3	0.4	0.6	0.1	0.2	0.2	0.2
Machinery.....	0.2	0.2	0.0	0.8	0.0	0.2	0.3	0.2
Computers and electronic products.....	-0.1	0.2	-0.3	0.6	0.0	0.1	0.0	0.2
Electrical equipment, appliances, and components.....	-0.3	0.4	-0.4	0.7	-0.1	0.3	0.3	0.3
Transportation equipment.....	0.1	0.3	0.1	0.8	0.0	0.1	0.1	0.1
Furniture and related products.....	(X)	0.4	(X)	0.9	(X)	0.8	(X)	0.5
Miscellaneous products.....	(X)	0.2	(X)	0.2	(X)	0.2	(X)	0.1
Nondurable goods industries.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.2
Food products.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.1
Beverage and tobacco products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Textiles.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.2
Textile products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.2
Apparel.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.6
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)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.4
Petroleum and coal products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.8
Chemical products.....	(X)	0.3	(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, November Full Report, February 4, 2019.

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>.