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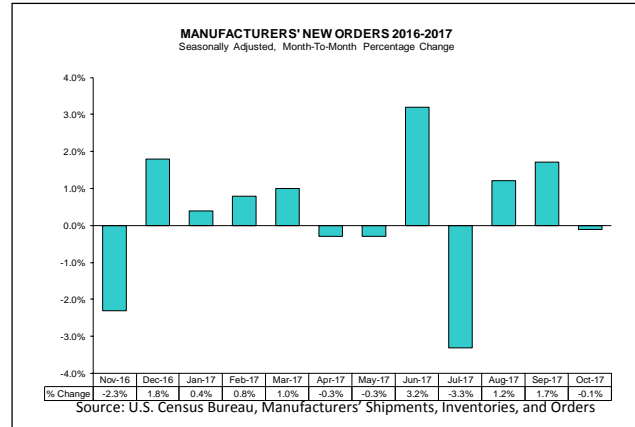
MONTHLY FULL REPORT ON MANUFACTURERS' SHIPMENTS, INVENTORIES AND ORDERS OCTOBER 2017

Release Number: CB 17-189 M3-2 (17)-10

Notice: For information on the impact of recent hurricanes on the compilation of this report, please see the [Frequently Asked Questions](#) document on our website.

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

MANUFACTURED GOODS – NEW ORDERS		
OCTOBER 2017	\$479.6 billion	-0.1%°
SEPTEMBER 2017 (revised)	\$479.9 billion	+1.7%°
Next release: January 5, 2018		
<small>Data adjusted for seasonal variation but not for price changes. Source: U.S. Census Bureau, Manufacturers' Shipments, Inventories and Orders. °Statistical significance is not measurable for this survey. The Manufacturers' Shipments, Inventories, and Orders estimates are not based on a probability sample, so the sampling error of these estimates cannot be measured nor can the confidence intervals be computed.</small>		



Summary

New orders for manufactured goods in October, down following two consecutive monthly increases, decreased \$0.3 billion or 0.1 percent to \$479.6 billion, the U.S. Census Bureau reported today. This followed a 1.7 percent September increase. Shipments, up ten of the last eleven months, increased \$2.7 billion or 0.6 percent to \$484.2 billion. This followed a 1.1 percent September increase. Unfilled orders, down three of the last four months, decreased \$0.2 billion or virtually unchanged to \$1,135.1 billion. This followed a 0.3 percent September increase. The unfilled orders-to-shipments ratio was 6.68, unchanged from September. Inventories, up eleven of the last twelve months, increased \$1.2 billion or 0.2 percent to \$661.6 billion. This followed a 0.6 percent September increase. The inventories-to-shipments ratio was 1.37, unchanged from September.

New Orders

New orders for manufactured durable goods in October, down following two consecutive monthly increases, decreased \$1.9 billion or 0.8 percent to \$237.4 billion, up from the previously published 1.2 percent decrease. This followed a 2.4 percent September increase. Transportation equipment, also down following two consecutive monthly increases, drove the decrease, \$3.4 billion or 4.2 percent to \$77.4

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billion. New orders for manufactured nondurable goods increased \$1.6 billion or 0.7 percent to \$242.2 billion.

Shipments

Shipments of manufactured durable goods in October, up five of the last six months, increased \$1.1 billion or 0.4 percent to \$242.0 billion, up from the previously published 0.1 percent increase. This followed a 1.2 percent September increase. Primary metals, up three of the last four months, led the increase, \$0.3 billion or 1.6 percent to \$19.9 billion. Shipments of manufactured nondurable goods, up six of the last seven months, increased \$1.6 billion or 0.7 percent to \$242.2 billion. This followed a 1.0 percent September increase. Petroleum and coal products, up four consecutive months, led the increase, \$1.2 billion or 2.6 percent to \$46.2 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in October, down three of the last four months, decreased \$0.2 billion or virtually unchanged to \$1,135.1 billion, unchanged from the previously published decrease. This followed a 0.3 percent September increase. Transportation equipment, also down three of the last four months, drove the decrease, \$1.8 billion or 0.2 percent to \$770.0 billion.

Inventories

Inventories of manufactured durable goods in October, up fifteen of the last sixteen months, increased \$0.6 billion or 0.2 percent to \$404.2 billion, up from the previously published 0.1 percent increase. This followed a 0.6 percent September increase. Primary metals, also up fifteen of the last sixteen months, led the increase, \$0.3 billion or 0.8 percent to \$34.0 billion. Inventories of manufactured nondurable goods, up five consecutive months, increased \$0.5 billion or 0.2 percent to \$257.3 billion. This followed a 0.7 percent September increase. Chemical products, up three of the last four months, drove the increase, \$0.9 billion or 1.0 percent to \$84.1 billion. By stage of fabrication, October materials and supplies decreased 0.4 percent in durable goods and decreased 0.3 percent in nondurable goods. Work in process increased 1.0 percent in durable goods and decreased 0.3 percent in nondurable goods. Finished goods decreased 0.4 percent in durable goods and increased 0.9 percent in nondurable goods.

The Advance Report on durable goods for November is scheduled for release on December 22, 2017 at 8:30 a.m. EST and the Full Report on January 5, 2018 at 10:00 a.m. EST. 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>.

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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 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.

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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/.

2018 Release Dates for the M3 Survey

Survey month	Advance Report (8:30 a.m. release time)	Full Report (10:00 a.m. release time)
Sep-17	Wed 10/25/2017	Fri 11/3/2017
Oct-17	Wed 11/22/2017	Mon 12/4/2017
Nov-17	Fri 12/22/2017	Fri 1/5/2018
Dec-17	Fri 1/26/2018	Fri 2/2/2018
Jan-18	Tue 2/27/2018	Tue 3/6/2018
Feb-18	Fri 3/23/2018	Wed 4/4/2018
Mar-18	Thu 4/26/2018	Thu 5/3/2018
Apr-18	Fri 5/25/2018	Mon 6/4/2018
May-18	Wed 6/27/2018	Tue 7/3/2018
Jun-18	Thu 7/26/2018	Thu 8/2/2018
Jul-18	Fri 8/24/2018	Thu 9/6/2018
Aug-18	Thu 9/27/2018	Thu 10/4/2018
Sep-18	Thu 10/25/2018	Fri 11/2/2018
Oct-18	Wed 11/21/2018	Thu 12/6/2018
Nov-18	Fri 12/21/2018	Not available at this time

Source:

https://www.whitehouse.gov/sites/whitehouse.gov/files/omb/reports/pei_schedule_release_dates_2018_all_v2.pdf

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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		
	Oct. 2017 ^P	Sep. 2017 ^T	Aug. 2017	Sep. - Oct.	Aug. - Sep.	July - Aug.	Oct. 2017 ^P	Sep. 2017 ^T	Aug. 2017	Oct. 2016	2017 ^P	2016	% Change 2017/2016
All manufacturing industries.....	484,223	481,520	476,452	0.6	1.1	0.6	496,142	496,064	499,958	462,133	4,764,934	4,540,235	4.9
Excluding transportation.....	404,990	401,957	397,820	0.8	1.0	0.7	414,365	411,771	416,500	384,206	3,976,488	3,758,378	5.8
Excluding defense.....	471,203	468,750	464,037	0.5	1.0	0.6	483,440	482,006	487,590	450,877	4,643,577	4,427,422	4.9
With unfilled orders.....	169,909	169,960	167,588	0.0	1.4	0.2	171,936	179,054	175,441	159,133	1,670,484	1,594,237	4.8
Durable goods industries.....	242,008	240,951	238,196	0.4	1.2	0.7	247,546	252,532	250,506	230,310	2,376,546	2,289,528	3.8
Wood products.....	9,396	9,272	9,119	1.3	1.7	1.2	9,864	9,532	9,772	9,014	93,438	86,301	8.3
Nonmetallic mineral products.....	10,757	10,663	10,556	0.9	1.0	0.3	11,707	11,224	11,943	11,044	107,621	104,998	2.5
Primary metals.....	19,948	19,639	19,655	1.6	-0.1	1.6	20,179	19,693	20,958	17,588	196,569	177,572	10.7
Iron and steel mills.....	9,486	9,264	9,249	2.4	0.2	0.4	9,592	9,203	9,936	8,131	92,481	82,808	11.7
Aluminum and nonferrous metals.....	9,146	9,090	9,118	0.6	-0.3	3.1	9,274	9,120	9,625	8,209	90,905	81,101	12.1
Ferrous metal foundries.....	1,316	1,285	1,288	2.4	-0.2	0.7	1,313	1,370	1,397	1,248	13,183	13,663	-3.5
Fabricated metal products.....	32,720	32,455	32,182	0.8	0.8	1.2	33,945	33,545	34,742	30,810	321,387	299,041	7.5
Machinery.....	32,527	32,247	31,599	0.9	2.1	1.8	32,383	32,900	31,886	28,847	313,118	299,066	4.7
Farm machinery.....	3,065	2,803	2,821	9.3	-0.6	4.9	2,852	2,585	2,600	2,285	27,810	25,415	9.4
Construction machinery.....	2,111	2,105	2,103	0.3	0.1	1.4	2,265	2,089	2,072	2,037	20,581	19,701	4.5
Mining, oil field, and gas field machinery.....	1,118	1,179	1,006	-5.2	17.2	-3.5	1,134	1,231	1,008	918	10,073	10,482	-3.9
Industrial machinery.....	3,007	2,906	2,961	3.5	-1.9	1.8	3,039	3,250	2,787	2,729	28,566	27,403	4.2
Photographic equipment.....	500	520	525	-3.8	-1.0	-3.5	468	572	523	509	5,329	5,475	-2.7
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,695	3,694	3,676	0.0	0.5	-0.7	3,365	3,831	3,993	3,294	37,858	37,016	2.3
Metaworking machinery.....	3,119	3,138	3,070	-0.6	2.2	1.9	3,309	3,345	3,152	2,982	29,927	27,507	8.8
Turbines, generators, and other power transmission equipment.....	4,370	4,428	4,127	-1.3	7.3	3.2	4,444	4,355	4,222	3,596	40,364	37,422	7.9
Material handling equipment.....	2,874	2,862	2,848	0.4	0.5	4.9	2,972	2,885	3,054	2,711	27,944	26,268	6.4
Computers and electronic products ²	27,706	27,590	27,174	0.4	1.5	1.0	27,605	30,631	27,368	26,357	265,442	253,437	4.7
Computers.....	681	692	720	-1.6	-3.9	1.7	653	796	699	763	7,132	7,191	-0.8
Computer storage devices.....	606	642	669	-5.6	-4.0	-12.0	419	997	532	516	6,458	6,401	0.9
Other peripheral equipment.....	685	592	646	15.7	-8.4	4.2	643	680	599	479	5,673	5,762	-1.5
Nondefense communications equipment.....	2,866	2,824	2,716	1.5	4.0	0.7	2,625	3,515	2,544	2,363	27,007	25,956	4.0
Defense communications equipment.....	251	247	245	1.6	0.8	-2.0	256	274	255	243	2,403	2,496	-3.7
Audio and video equipment.....	353	357	347	-1.1	2.9	4.8	429	347	330	364	3,147	2,848	10.5
Electronic components.....	4,209	4,143	4,078	1.6	1.6	3.2	4,167	4,363	4,487	3,876	40,522	38,413	5.5
Nondefense search and navigation equipment.....	1,471	1,460	1,443	0.8	1.2	-0.8	1,436	1,622	1,488	1,284	14,317	13,178	8.6
Defense search and navigation equipment.....	2,661	2,671	2,614	-0.4	2.2	0.6	2,651	2,849	2,656	2,486	25,709	24,159	6.4
Electromedical, measuring, and control instruments.....	9,279	9,177	9,078	1.1	1.1	0.4	8,934	10,627	8,937	8,127	87,184	83,239	4.7
Electrical equipment, appliances, and components.....	10,193	10,137	10,045	0.6	0.9	0.5	10,537	10,682	10,614	10,175	101,013	99,193	1.8
Electric lighting equipment.....	1,042	1,056	1,055	-1.3	0.1	0.0	1,100	1,087	1,106	1,147	10,676	10,780	-1.0
Household appliances.....	1,533	1,579	1,544	-2.9	2.3	1.0	1,602	1,699	1,603	1,723	15,547	16,553	-6.1
Electrical equipment.....	2,657	2,652	2,676	0.2	-0.9	2.9	2,570	2,843	2,778	2,698	27,201	28,753	-5.4
Batteries.....	936	928	927	0.9	0.1	0.5	1,112	961	1,016	1,016	8,983	9,012	-0.3
Transportation equipment.....	79,233	79,563	78,632	-0.4	1.2	-0.3	81,777	84,293	83,458	77,927	788,446	781,857	0.8
Automobiles.....	7,823	8,045	8,235	-2.8	-2.3	5.8	8,103	8,398	9,082	8,764	80,955	93,632	-13.5
Light trucks and utility vehicles.....	16,842	16,164	16,011	4.2	1.0	2.2	18,214	16,917	17,670	16,500	162,781	154,773	5.2
Heavy duty trucks.....	2,697	2,620	2,654	2.9	-1.3	2.8	2,862	2,713	2,811	2,148	25,028	23,582	6.1
Motor vehicle bodies, parts, and trailers.....	27,987	27,719	27,693	1.0	0.1	2.0	29,652	28,211	29,958	27,618	279,348	268,572	4.0
Nondefense aircraft and parts.....	10,775	12,307	11,481	-12.4	7.2	-11.7	9,986	14,002	11,419	11,215	114,921	120,306	-4.5
Defense aircraft and parts.....	4,261	4,007	4,054	6.3	-1.2	-0.3	4,093	4,574	4,033	3,386	39,089	37,869	3.2
Ships and boats.....	3,105	3,070	3,003	1.1	2.2	-2.7	3,205	3,212	2,925	3,144	30,697	30,583	0.4
Furniture and related products.....	6,619	6,594	6,588	0.4	0.1	1.2	6,630	6,710	7,228	6,351	65,306	63,921	2.2
Miscellaneous durable goods.....	12,909	12,791	12,646	0.9	1.1	0.9	12,919	13,322	12,537	12,197	124,206	124,142	0.1
Nondurable goods industries.....	242,215	240,569	238,256	0.7	1.0	0.4	248,596	243,532	249,452	231,823	2,388,388	2,250,707	6.1
Food products.....	68,745	68,848	68,885	-0.1	-0.1	-0.5	72,076	70,511	70,599	68,053	680,810	645,957	5.4
Grain and oilseed milling.....	7,518	7,596	7,629	-1.0	-0.4	0.7	8,200	7,559	8,080	7,918	74,638	72,316	3.2
Dairy products.....	9,511	9,545	9,605	-0.4	-0.6	-2.1	9,771	9,675	9,912	9,521	96,849	92,228	5.0
Meat, poultry, and seafood products.....	19,812	19,934	19,985	-0.6	-0.3	-0.1	20,083	20,217	20,432	18,694	197,214	185,267	6.4
Beverage and tobacco products.....	12,711	12,792	13,128	-0.6	-2.6	-0.6	12,561	13,082	13,688	13,259	131,323	133,819	-1.9
Beverages.....	9,208	9,088	9,158	1.3	-0.8	-1.7	9,058	9,378	9,718	9,490	94,144	99,707	-5.6
Tobacco.....	3,503	3,704	3,970	-5.4	-6.7	2.0	3,503	3,704	3,970	3,769	37,179	34,112	9.0
Textile mills.....	2,669	2,612	2,654	2.2	-1.6	0.4	2,743	2,612	2,800	2,606	26,651	25,503	4.5
Textile products.....	2,210	2,217	2,189	-0.3	1.3	-0.8	2,232	2,198	2,295	2,211	22,345	21,930	1.9
Apparel.....	1,038	1,031	1,037	0.7	-0.6	-2.5	1,208	1,077	1,163	1,130	10,327	9,852	4.8
Leather and allied products.....	388	382	378	1.6	1.1	-1.8	412	378	381	393	3,829	3,829	1.4
Paper products.....	16,294	16,179	16,227	0.7	-0.3	2.0	16,935	16,307	17,071	15,766	159,756	155,567	2.7
Pulp, paper, and paperboard mills.....	6,756	6,676	6,657	1.2	0.3	0.8	6,901	6,722	6,980	6,560	66,391	65,733	1.0
Paperboard containers.....	5,462	5,401	5,501	1.1	-1.8	2.6	5,744	5,422	5,871	5,411	54,591	52,695	3.6
Printing.....	6,305	6,254	6,254	0.8	0.0	-0.4	6,757	6,449	6,525	7,052	63,399	68,150	-7.0
Petroleum and coal products.....	46,237	45,053	42,772	2.6	5.3	3.3	47,371	45,129	46,423	38,337	431,758	344,116	25.5
Petroleum refineries.....	42,035	40,946	38,767	2.7	5.6	3.8	42,723	40,569	41,541	34,474	390,500	307,739	26.9
Chemical products.....	65,611	65,292	64,938	0.5	0.5	-0.2	65,535	65,647	67,447	62,615	655,894	639,374	2.9
Pesticides, fertilizers, and other agricultural chemicals.....	2,810	2,770	2,722	1.4	1.8	-2.8	2,181	2,436	2,388	2,407	29,379	34,684	-15.3
Pharmaceuticals and medicines.....	23,059	22,871	22,590	0.8	1.2	1.5	23,321	23,190	23,464	20,323	221,567	204,630	8.3
Paints, coatings, and adhesives.....	3,879	3,817	3,832	1.6	-0.4	-0.5	3,928	3,757	4,201	3,595	38,975	36,934	5.5
Plastics and rubber products.....	20,007	19,909	19,794	0.5	0.6	-0.4	20,766	20,142	21,060	20,401	202,244	202,610	-0.2

^P Preliminary

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

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

² Estimates and percent changes of shipments for the semiconductor industry are included in computers and electronic products, and all other applicable aggregate totals.

Note: Estimates of manufacturers' shipments, inventories and orders are subject to survey error and revision. One major component of survey error is nonsampling error, which includes errors of coverage, response, and nonreporting. Since the survey panel is not a probability sample, estimates of sampling error cannot be calculated. For further details on survey design, methodology, and data limitations see

<<http://www.census.gov/manufacturing/m3/>>

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

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

[Estimates are shown in millions of dollars and are based on data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

Industry	Seasonally Adjusted						Not Seasonally Adjusted						
	Monthly			Percent Change			Monthly				Year to date		
	Oct. 2017 ^P	Sep. 2017 ^f	Aug. 2017	Sep. - Oct.	Aug. - Sep.	July - Aug.	Oct. 2017 ^P	Sep. 2017 ^f	Aug. 2017	Oct. 2016	2017 ^P	2016	% Change 2017/ 2016
All manufacturing industries ²	479,590	479,882	471,965	-0.1	1.7	1.2	487,933	491,447	486,891	463,735	4,721,068	4,472,076	5.6
Excluding transportation ²	402,175	399,038	394,737	0.8	1.1	0.6	409,540	407,050	409,459	378,885	3,948,132	3,722,901	6.0
Excluding defense ²	467,819	467,062	459,243	0.2	1.7	1.5	477,565	476,825	476,595	452,588	4,604,698	4,362,880	5.5
With unfilled orders ²	169,746	172,935	167,549	-1.8	3.2	2.1	168,915	178,809	167,035	166,327	1,670,798	1,567,773	6.6
Durable goods industries ²	237,375	239,313	233,709	-0.8	2.4	2.1	239,337	247,915	237,439	231,912	2,332,680	2,221,369	5.0
Primary metals.....	20,059	19,783	19,886	1.4	-0.5	1.3	20,216	18,940	20,732	17,933	197,316	177,800	11.0
Iron and steel mills.....	9,614	9,393	9,532	2.4	-1.5	0.2	9,521	8,625	9,950	8,270	93,043	83,455	11.5
Aluminum and nonferrous metals.....	9,095	9,049	8,992	0.5	0.6	2.4	9,356	8,980	9,371	8,343	90,780	80,332	13.0
Ferrous metal foundries.....	1,350	1,341	1,362	0.7	-1.5	1.5	1,339	1,335	1,411	1,320	13,493	14,013	-3.7
Fabricated metal products.....	33,265	33,417	32,760	-0.5	2.0	0.4	33,740	33,881	34,395	30,370	328,022	299,648	9.5
Machinery.....	32,727	32,103	31,856	1.9	0.8	0.0	32,718	31,791	31,979	28,946	317,600	296,626	7.1
Construction machinery.....	2,301	2,381	2,282	-3.4	4.3	-0.5	2,474	2,248	2,175	1,997	21,531	17,660	21.9
Mining, oil field, and gas field machinery.....	1,187	1,204	1,002	-1.4	20.2	-7.5	1,261	1,249	1,060	956	10,332	8,669	19.2
Industrial machinery.....	3,031	2,915	3,087	4.0	-5.6	11.2	3,114	3,124	2,845	2,536	28,894	26,182	10.4
Photographic equipment.....	485	512	482	-5.3	6.2	-1.0	494	574	513	571	5,139	5,505	-6.6
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,735	3,698	3,702	1.0	-0.1	0.0	3,440	3,782	3,904	3,235	38,455	36,924	4.1
Metalworking machinery.....	3,003	2,906	3,030	3.3	-4.1	-5.7	3,144	2,997	3,148	2,938	29,638	28,270	4.8
Turbines, generators, and other power transmission equipment.....	4,244	4,144	4,048	2.4	2.4	0.2	4,194	3,890	4,097	3,637	39,923	37,849	5.5
Material handling equipment.....	3,037	2,876	2,944	5.6	-2.3	-6.3	2,897	2,894	3,016	2,532	29,324	26,528	10.5
Computers and electronic products ²	23,931	23,754	23,014	0.7	3.2	2.1	22,564	27,660	21,545	20,871	223,904	216,196	3.6
Computers.....	712	726	750	-1.9	-3.2	0.1	684	830	729	766	7,394	7,182	3.0
Nondefense communications equipment.....	3,227	3,242	3,008	-0.5	7.8	7.9	2,943	4,014	2,475	2,629	29,129	28,009	4.0
Defense communications equipment.....	292	257	256	13.6	0.4	2.0	288	285	254	225	2,535	2,507	1.1
Electronic components.....	4,288	4,227	4,158	1.4	1.7	4.1	4,253	4,343	4,578	3,863	41,063	38,584	6.4
Nondefense search and navigation equipment.....	1,585	1,506	1,615	5.2	-6.7	5.9	1,494	1,759	1,513	1,421	15,145	14,005	8.1
Defense search and navigation equipment.....	2,615	2,622	2,485	-0.3	5.5	-1.4	2,384	3,072	2,232	2,163	24,482	24,760	-1.1
Electromedical, measuring, and control instruments.....	9,394	9,411	8,910	-0.2	5.6	0.7	8,823	11,144	8,123	8,181	87,168	84,039	3.7
Electrical equipment, appliances, and components.....	10,299	10,219	10,084	0.8	1.3	2.0	10,516	10,627	10,490	10,228	101,401	101,245	0.2
Electric lighting equipment.....	1,075	1,061	1,078	1.3	-1.6	0.3	1,135	1,087	1,082	1,117	10,865	10,815	0.5
Household appliances.....	1,544	1,591	1,604	-3.0	-0.8	4.6	1,602	1,730	1,655	1,714	15,650	16,567	-5.5
Electrical equipment.....	2,749	2,684	2,712	2.4	-1.0	8.9	2,733	2,718	2,775	2,752	27,242	29,067	-6.3
Transportation equipment.....	77,415	80,844	77,228	-4.2	4.7	4.7	78,393	84,397	77,432	84,850	772,936	749,175	3.2
Motor vehicle bodies, parts, and trailers.....	28,106	27,741	27,751	1.3	0.0	2.5	29,034	28,272	30,107	26,629	279,519	266,220	5.0
Nondefense aircraft and parts.....	10,581	12,987	9,699	-18.5	33.9	33.5	9,706	13,274	7,002	19,090	105,012	95,395	10.1
Defense aircraft and parts.....	3,295	3,566	3,756	-7.6	-5.1	-30.8	2,856	3,531	2,823	3,706	38,581	38,619	-0.1
Ships and boats.....	2,881	4,287	3,258	-32.8	31.6	8.1	2,789	4,730	2,476	3,496	29,228	25,478	14.7
Furniture and related products.....	6,615	6,492	6,546	1.9	-0.8	-0.1	6,698	6,566	6,600	6,454	66,197	65,217	1.5
Nondurable goods industries.....	242,215	240,569	238,256	0.7	1.0	0.4	248,596	243,532	249,452	231,823	2,388,388	2,250,707	6.1

^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 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, October Full Report, December 4, 2017. Information on data sources and methodology can be found on our website at <www.census.gov/manufacturing/m3/how_the_data_are_collected/index.html>.

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

[Estimates are shown in millions of dollars and are based on data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

Industry	Seasonally Adjusted						Not Seasonally Adjusted				% Change October 2017/ 2016
	Monthly			Percent Change			Monthly				
	Oct. 2017 ^P	Sep. 2017 ^f	Aug. 2017	Sep. - Oct.	Aug. - Sep.	July - Aug.	Oct. 2017 ^P	Sep. 2017 ^f	Aug. 2017	Oct. 2016	
All manufacturing industries ²	1,135,138	1,135,301	1,132,326	0.0	0.3	0.0	1,123,056	1,126,077	1,126,322	1,117,473	0.5
Excluding transportation ²	365,138	363,483	361,789	0.5	0.5	0.4	360,487	360,124	360,473	345,030	4.5
Excluding defense ²	958,018	956,932	954,007	0.1	0.3	0.0	948,155	948,842	949,651	944,826	0.4
Durable goods industries ²	1,135,138	1,135,301	1,132,326	0.0	0.3	0.0	1,123,056	1,126,077	1,126,322	1,117,473	0.5
Primary metals.....	30,849	30,738	30,594	0.4	0.5	0.8	29,689	29,652	30,405	27,807	6.8
Iron and steel mills.....	15,638	15,510	15,381	0.8	0.8	1.9	14,759	14,830	15,408	13,357	10.5
Aluminum and nonferrous metals.....	10,809	10,860	10,901	-0.5	-0.4	-1.1	10,659	10,577	10,717	10,706	-0.4
Ferrous metal foundries.....	4,402	4,368	4,312	0.8	1.3	1.7	4,271	4,245	4,280	3,744	14.1
Fabricated metal products.....	80,859	80,314	79,352	0.7	1.2	0.7	79,894	80,099	79,763	74,499	7.2
Machinery.....	101,106	100,906	101,050	0.2	-0.1	0.3	100,131	99,796	100,905	96,485	3.8
Construction machinery.....	6,143	5,953	5,677	3.2	4.9	3.3	5,704	5,495	5,336	4,214	35.4
Mining, oil field, and gas field machinery.....	5,284	5,215	5,190	1.3	0.5	-0.1	5,366	5,239	5,221	5,356	0.2
Industrial machinery.....	8,261	8,237	8,228	0.3	0.1	1.6	8,197	8,122	8,248	8,271	-0.9
Photographic equipment.....	1,184	1,199	1,207	-1.3	-0.7	-3.4	1,201	1,175	1,173	1,330	-9.7
Ventilation, heating, air-conditioning, and refrigeration equipment.....	6,163	6,123	6,119	0.7	0.1	0.4	6,075	6,000	6,049	5,515	10.2
Metalworking machinery.....	7,794	7,910	8,142	-1.5	-2.8	-0.5	7,720	7,885	8,233	8,212	-6.0
Turbines, generators, and other power transmission equipment.....	29,313	29,439	29,723	-0.4	-1.0	-0.3	29,136	29,386	29,851	29,852	-2.4
Material handling equipment.....	12,889	12,726	12,712	1.3	0.1	0.8	12,559	12,634	12,625	10,779	16.5
Computers and electronic products ²	119,467	118,772	117,995	0.6	0.7	0.2	118,550	118,403	117,002	115,283	2.8
Computers.....	1,951	1,920	1,886	1.6	1.8	1.6	1,951	1,920	1,886	1,670	16.8
Nondefense communications equipment.....	26,585	26,224	25,806	1.4	1.6	1.1	26,338	26,020	25,521	23,934	10.0
Defense communications equipment.....	1,673	1,632	1,622	2.5	0.6	0.7	1,689	1,657	1,646	1,615	4.6
Electronic components.....	11,674	11,595	11,511	0.7	0.7	0.7	11,606	11,520	11,540	11,036	5.2
Nondefense search and navigation equipment.....	18,803	18,689	18,643	0.6	0.2	0.9	18,788	18,730	18,593	17,961	4.6
Defense search and navigation equipment.....	26,901	26,947	26,996	-0.2	-0.2	-0.5	26,676	26,943	26,720	27,970	-4.6
Electromedical, measuring, and control instruments.....	31,880	31,765	31,531	0.4	0.7	-0.5	31,502	31,613	31,096	31,097	1.3
Electrical equipment, appliances, and components.....	22,538	22,432	22,350	0.5	0.4	0.2	22,025	22,046	22,101	20,894	5.4
Electric lighting equipment.....	1,639	1,606	1,601	2.1	0.3	1.5	1,620	1,585	1,585	1,491	8.7
Household appliances.....	1,193	1,182	1,170	0.9	1.0	5.4	1,162	1,162	1,131	999	16.3
Electrical equipment.....	8,282	8,190	8,158	1.1	0.4	0.4	8,192	8,029	8,154	8,150	0.5
Transportation equipment.....	770,000	771,818	770,537	-0.2	0.2	-0.2	762,569	765,953	765,849	772,443	-1.3
Motor vehicle bodies, parts, and trailers.....	23,976	23,857	23,835	0.5	0.1	0.2	23,071	23,689	23,628	21,959	5.1
Nondefense aircraft and parts.....	578,368	578,562	577,882	0.0	0.1	-0.3	573,870	574,150	574,878	585,382	-2.0
Defense aircraft and parts.....	72,313	73,279	73,720	-1.3	-0.6	-0.4	70,892	72,129	73,172	67,834	4.5
Ships and boats.....	24,694	24,918	23,701	-0.9	5.1	1.1	24,162	24,578	23,060	22,086	9.4
Furniture and related products.....	9,578	9,582	9,684	0.0	-1.1	-0.4	9,457	9,389	9,533	9,341	1.2

^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, October Full Report, December 4, 2017. Information on data sources and methodology can be found on our website at <www.census.gov/manufacturing/m3/how_the_data_are_collected/index.html>.

Table 4. Value of Manufacturers' Inventories for Industry Groups¹

[Estimates are shown in millions of dollars and are based on data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				% Change October 2017/ 2016
	Oct. 2017 ^p	Sep. 2017 ^r	Aug. 2017	Sep. - Oct.	Aug. - Sep.	July - Aug.	Oct. 2017 ^p	Sep. 2017 ^r	Aug. 2017	Oct. 2016	
All manufacturing industries.....	661,568	660,411	656,323	0.2	0.6	0.6	665,882	660,567	660,704	641,943	3.7
Excluding transportation.....	530,634	529,503	526,291	0.2	0.6	0.7	534,417	529,843	530,320	510,653	4.7
Excluding defense.....	633,736	632,866	628,639	0.1	0.7	0.6	638,100	633,087	633,016	615,594	3.7
With unfilled orders.....	328,842	328,190	326,145	0.2	0.6	0.5	329,514	327,710	329,123	317,996	3.6
Durable goods industries.....	404,249	403,636	401,323	0.2	0.6	0.5	404,758	402,699	404,696	390,203	3.7
Wood products.....	11,844	11,787	11,774	0.5	0.1	-0.1	11,765	11,659	11,668	11,136	5.6
Nonmetallic mineral products.....	13,512	13,511	13,450	0.0	0.5	0.7	13,163	13,310	13,390	12,756	3.2
Primary metals.....	34,022	33,756	33,499	0.8	0.8	0.6	33,947	33,923	33,715	30,903	9.9
Iron and steel mills.....	18,982	18,887	18,829	0.5	0.3	0.1	19,080	19,156	18,978	17,598	8.4
Aluminum and nonferrous metals.....	13,011	12,856	12,662	1.2	1.5	1.3	12,869	12,813	12,724	11,416	12.7
Ferrous metal foundries.....	2,029	2,013	2,008	0.8	0.2	0.7	1,998	1,954	2,013	1,889	5.8
Fabricated metal products.....	50,516	50,376	50,065	0.3	0.6	0.6	50,265	50,280	50,227	47,591	5.6
Machinery.....	69,561	69,673	69,165	-0.2	0.7	1.0	69,602	69,668	70,087	65,576	6.1
Farm machinery.....	3,939	3,901	3,770	1.0	3.5	1.8	3,608	3,623	3,563	3,101	16.3
Construction machinery.....	5,304	5,330	5,251	-0.5	1.5	0.2	5,381	5,413	5,241	5,425	-0.8
Mining, oil field, and gas field machinery.....	7,856	7,717	7,709	1.8	0.1	-0.8	7,752	7,659	7,853	7,448	4.1
Industrial machinery.....	7,684	7,860	7,842	-2.2	0.2	0.9	7,627	7,952	7,928	7,208	5.8
Photographic equipment.....	1,375	1,429	1,413	-3.8	1.1	1.9	1,391	1,447	1,461	1,410	-1.3
Ventilation, heating, air-conditioning, and refrigeration equipment.....	5,192	5,183	5,204	0.2	-0.4	1.6	5,109	5,034	5,210	4,650	9.9
Metalworking machinery.....	5,902	5,877	5,842	0.4	0.6	0.6	5,983	5,944	5,948	5,803	3.1
Turbines, generators, and other power transmission equipment.....	9,946	10,088	10,047	-1.4	0.4	1.4	10,210	10,204	10,403	9,087	12.4
Material handling equipment.....	5,266	5,219	5,193	0.9	0.5	1.5	5,463	5,394	5,404	4,816	13.4
Computers and electronic products ²	45,100	45,086	44,876	0.0	0.5	0.5	45,486	44,662	45,889	43,676	4.1
Computers.....	1,808	1,767	1,711	2.3	3.3	1.6	1,825	1,813	1,805	1,597	14.3
Computer storage devices.....	1,430	1,423	1,475	0.5	-3.5	-2.2	1,447	1,384	1,554	1,353	6.9
Other peripheral equipment.....	1,147	1,186	1,176	-3.3	0.9	1.1	1,132	1,138	1,212	1,116	1.4
Nondefense communications equipment.....	3,990	3,983	4,045	0.2	-1.5	-0.3	4,013	3,903	4,180	3,966	1.2
Defense communications equipment.....	558	554	598	0.7	-7.4	2.0	558	554	598	550	1.5
Audio and video equipment.....	606	603	623	0.5	-3.2	-3.6	677	663	663	632	7.1
Electronic components.....	7,955	7,997	7,871	-0.5	1.6	0.4	7,958	7,887	7,912	7,502	6.1
Nondefense search and navigation equipment.....	3,137	3,139	3,134	-0.1	0.2	0.3	3,193	3,144	3,188	3,119	2.4
Defense search and navigation equipment.....	3,148	3,112	3,111	1.2	0.0	0.5	3,122	3,015	3,157	3,052	2.3
Electromedical, measuring and control instruments.....	14,622	14,629	14,506	0.0	0.8	0.1	14,854	14,463	14,943	14,704	1.0
Electrical equipment, appliances, and components.....	17,784	17,722	17,725	0.3	0.0	0.5	17,789	17,520	18,065	17,002	4.6
Electric lighting equipment.....	2,209	2,192	2,179	0.8	0.6	1.1	2,211	2,194	2,201	2,073	6.7
Household appliances.....	2,454	2,440	2,458	0.6	0.2	0.3	2,504	2,454	2,541	2,400	4.3
Electrical equipment.....	4,926	4,905	4,868	0.4	0.8	0.0	4,915	4,640	4,949	4,811	2.2
Batteries.....	1,772	1,774	1,755	-0.1	1.1	0.0	1,785	1,851	1,844	1,746	2.2
Transportation equipment.....	130,934	130,908	130,032	0.0	0.7	0.2	131,465	130,724	130,384	131,290	0.1
Automobiles.....	4,365	4,479	4,462	-2.5	0.4	1.1	4,487	4,525	4,559	4,489	0.0
Light trucks and utility vehicles.....	3,755	3,803	3,744	-1.3	1.6	-1.3	4,038	3,930	3,825	4,099	-1.5
Heavy duty trucks.....	2,054	2,090	2,134	-1.7	-2.1	-0.2	1,979	2,005	2,117	1,808	9.5
Motor vehicle bodies, parts, and trailers.....	24,426	24,624	24,411	-0.8	0.9	-0.1	24,457	24,642	24,592	24,966	-2.0
Nondefense aircraft and parts.....	67,084	66,821	66,041	0.4	1.2	0.2	67,214	66,374	65,862	67,904	-1.0
Defense aircraft and parts.....	13,426	13,232	13,428	1.5	-1.5	2.2	13,444	13,264	13,469	11,975	12.3
Ships and boats.....	3,451	3,487	3,387	-1.0	3.0	-2.4	3,468	3,538	3,335	3,367	3.0
Furniture and related products.....	7,886	7,810	7,769	1.0	0.5	0.8	7,856	7,786	7,946	7,316	7.4
Miscellaneous durable goods.....	23,090	23,007	22,968	0.4	0.2	0.6	23,420	23,167	23,325	22,957	2.0
Non-durable goods industries.....	257,319	256,775	255,000	0.2	0.7	0.7	261,124	257,868	256,008	251,740	3.7
Food products.....	55,180	55,608	55,527	-0.8	0.1	-0.2	58,489	56,530	56,042	58,026	0.8
Grain and oilseed milling.....	5,444	5,483	5,579	-0.7	-1.7	-1.1	5,754	5,271	5,352	6,020	-4.4
Dairy products.....	8,209	8,273	8,281	-0.8	-0.1	-0.1	8,166	8,278	8,445	7,623	7.1
Meat, poultry, and seafood products.....	9,224	9,437	9,313	-2.3	1.3	0.1	9,411	9,452	9,456	9,337	0.8
Beverage and tobacco products.....	23,212	23,250	23,380	-0.2	-0.6	-0.4	23,964	23,298	22,843	23,949	0.1
Beverages.....	18,803	18,880	19,063	-0.4	-1.0	-0.5	19,410	19,040	18,809	19,415	0.0
Tobacco.....	4,409	4,370	4,317	0.9	1.2	-0.3	4,554	4,258	4,034	4,534	0.4
Textile mills.....	3,279	3,266	3,255	0.4	0.3	0.2	3,277	3,275	3,278	3,171	3.3
Textile products.....	3,446	3,436	3,428	0.3	0.2	0.3	3,433	3,434	3,435	3,300	4.0
Apparel.....	2,042	2,066	2,022	-1.2	2.2	1.3	2,089	2,159	2,132	2,207	-5.3
Leather and allied products.....	782	788	797	-0.8	-1.1	-0.6	779	799	823	789	-1.3
Paper products.....	15,561	15,549	15,587	0.1	-0.2	-0.3	15,400	15,540	15,634	15,424	-0.2
Pulp, paper, and paperboard mills.....	6,167	6,180	6,225	-0.2	-0.7	0.0	6,055	6,130	6,203	6,160	-1.7
Paperboard containers.....	4,980	4,923	4,923	1.2	0.0	-0.6	4,940	4,900	4,919	4,805	2.8
Printing.....	5,373	5,413	5,396	-0.7	0.3	-0.2	5,558	5,550	5,514	5,703	-2.5
Petroleum and coal products.....	38,495	38,422	36,807	0.2	4.4	5.0	39,450	39,387	37,054	32,813	20.2
Petroleum refineries.....	33,833	33,745	32,215	0.3	4.7	5.7	34,905	34,794	32,435	28,348	23.1
Chemical products.....	84,070	83,209	83,116	1.0	0.1	-0.1	83,090	82,320	83,661	81,504	1.9
Pesticides, fertilizers, and other agricultural chemicals.....	4,163	4,162	4,198	0.0	-0.9	-0.8	3,971	3,870	4,005	3,996	-0.6
Pharmaceuticals and medicines.....	35,293	34,909	34,757	1.1	0.4	0.3	35,090	34,598	35,014	34,777	0.9
Paints, coatings, and adhesives.....	3,982	3,942	3,961	1.0	1.2	0.7	3,848	3,850	3,849	3,566	7.9
Plastics and rubber products.....	25,879	25,768	25,685	0.4	0.3	0.8	25,595	25,626	25,592	24,854	3.0

^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, October Full Report, December 4, 2017. Information on data sources and methodology can be found on our website at <www.census.gov/manufacturing/m3/how_the_data_are_collected/index.html>.

Table 5. Value of Manufacturers' Shipments, New Orders, Unfilled Orders, and Total Inventories for Topical Series^{1, 2}

[Estimates are shown in millions of dollars and are based on data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

Industry	Seasonally Adjusted						Not Seasonally Adjusted						% Change ⁶
	Monthly			Percent Change			Monthly			Year to date			
	Oct. 2017 ^p	Sep. 2017 ^r	Aug. 2017	Sep. - Oct.	Aug. - Sep.	July - Aug.	Oct. 2017 ^p	Sep. 2017 ^r	Aug. 2017	Oct. 2016	2017 ^p	2016	
SHIPMENTS													
All manufacturing industries.....	484,223	481,520	476,452	0.6	1.1	0.6	496,142	496,064	499,958	462,133	4,764,934	4,540,235	4.9
Construction materials and supplies.....	50,481	50,167	49,701	0.6	0.9	0.6	53,189	51,849	54,798	49,508	505,098	481,424	4.9
Information technology.....	23,552	23,276	23,016	1.2	1.1	-0.2	22,871	26,560	22,854	20,989	224,675	212,899	5.5
Computers and related products.....	1,972	1,926	2,035	2.4	-5.4	-2.5	1,715	2,473	1,830	1,758	19,263	19,354	-0.5
Motor vehicle and parts.....	55,349	54,548	54,593	1.5	-0.1	2.6	58,831	56,239	59,521	55,030	548,112	540,559	1.4
Capital goods.....	83,939	84,546	82,342	-0.7	2.7	-0.7	82,683	91,597	82,881	75,888	810,839	780,160	3.9
Nondefense capital goods ³	72,975	73,852	71,915	-1.2	2.7	-1.0	71,945	79,866	72,493	66,306	709,074	687,327	3.2
Excluding aircraft.....	66,395	65,648	64,780	1.1	1.3	1.3	66,059	70,076	65,243	59,287	636,125	610,667	4.2
Defense capital goods ⁴	10,964	10,694	10,427	2.5	2.6	1.1	10,738	11,731	10,388	9,582	101,765	92,833	9.6
Consumer goods.....	201,360	199,496	197,345	0.9	1.1	1.2	207,894	203,086	206,744	190,495	1,962,736	1,828,917	7.3
Consumer durable goods.....	38,224	37,580	37,595	1.7	0.0	2.5	39,990	39,150	40,196	38,609	376,483	381,782	-1.4
Consumer nondurable goods.....	163,136	161,916	159,750	0.8	1.4	0.8	167,904	163,936	166,548	151,886	1,586,253	1,447,135	9.6
NEW ORDERS													
All manufacturing industries ⁵	479,590	479,882	471,965	-0.1	1.7	1.2	487,933	491,447	486,891	463,735	4,721,068	4,472,076	5.6
Construction materials and supplies.....	50,768	50,713	50,070	0.1	1.3	0.6	53,087	52,013	54,336	49,424	509,772	482,482	5.7
Information technology.....	24,123	23,994	23,101	0.5	3.9	0.8	22,739	28,022	21,442	21,208	226,641	218,901	3.5
Computers and related products.....	2,003	1,960	2,065	2.2	-5.1	-3.0	1,746	2,507	1,860	1,761	19,525	19,345	0.9
Motor vehicle and parts.....	55,468	54,570	54,651	1.6	-0.1	2.9	58,213	56,300	59,670	54,041	548,283	538,207	1.9
Capital goods.....	83,137	86,937	81,612	-4.4	6.5	2.5	80,092	92,060	75,781	84,451	806,302	759,754	6.1
Nondefense capital goods ³	72,963	75,784	70,600	-3.7	7.3	4.0	71,572	78,993	66,793	75,479	709,188	669,296	6.0
Excluding aircraft.....	66,876	66,656	65,132	0.3	2.3	1.4	66,069	70,165	63,651	59,610	642,598	614,595	4.6
Defense capital goods ⁴	10,174	11,153	11,012	-8.8	1.3	-6.5	8,520	13,067	8,988	8,972	97,114	90,458	7.4
Consumer goods.....	201,358	199,456	197,434	1.0	1.0	1.2	207,895	203,168	206,759	190,564	1,963,001	1,829,266	7.3
Consumer durable goods.....	38,222	37,540	37,684	1.8	-0.4	2.5	39,991	39,232	40,211	38,678	376,748	382,131	-1.4
Consumer nondurable goods.....	163,136	161,916	159,750	0.8	1.4	0.8	167,904	163,936	166,548	151,886	1,586,253	1,447,135	9.6
UNFILLED ORDERS													
All manufacturing industries ⁵	1,135,138	1,135,301	1,132,326	0.0	0.3	0.0	1,123,056	1,126,077	1,126,322	1,117,473	(X)	(X)	0.5
Construction materials and supplies.....	53,844	53,557	53,011	0.5	1.0	0.7	53,349	53,451	53,287	49,515	(X)	(X)	7.7
Information technology.....	120,401	119,830	119,112	0.5	0.6	0.1	119,196	119,328	117,866	115,831	(X)	(X)	2.9
Computers and related products.....	1,951	1,920	1,886	1.6	1.8	1.6	1,951	1,920	1,886	1,670	(X)	(X)	16.8
Motor vehicle and parts.....	23,976	23,857	23,835	0.5	0.1	0.2	23,071	23,689	23,628	21,959	(X)	(X)	5.1
Capital goods.....	847,894	848,696	846,305	-0.1	0.3	-0.1	839,640	842,231	841,768	839,866	(X)	(X)	0.0
Nondefense capital goods ³	705,342	705,354	703,422	0.0	0.3	-0.2	698,803	699,176	700,049	700,905	(X)	(X)	-0.3
Excluding aircraft.....	228,411	227,930	226,922	0.2	0.4	0.2	226,038	226,028	225,939	220,592	(X)	(X)	2.5
Defense capital goods ⁴	142,552	143,342	142,883	-0.6	0.3	0.4	140,837	143,055	141,719	138,961	(X)	(X)	1.4
Consumer goods.....	5,404	5,406	5,446	0.0	-0.7	1.7	5,269	5,268	5,186	5,125	(X)	(X)	2.8
Consumer durable goods.....	5,404	5,406	5,446	0.0	-0.7	1.7	5,269	5,268	5,186	5,125	(X)	(X)	2.8
TOTAL INVENTORIES													
All manufacturing industries.....	661,568	660,411	656,323	0.2	0.6	0.6	665,882	660,567	660,704	641,943	(X)	(X)	3.7
Construction materials and supplies.....	68,126	67,971	67,660	0.2	0.5	0.7	67,333	67,511	67,632	64,049	(X)	(X)	5.1
Information technology.....	38,468	38,465	38,490	0.0	-0.1	0.3	38,813	38,131	39,502	37,697	(X)	(X)	3.0
Computers and related products.....	4,385	4,376	4,362	0.2	0.3	0.2	4,404	4,335	4,571	4,066	(X)	(X)	8.3
Motor vehicle and parts.....	34,600	34,996	34,751	-1.1	0.7	-0.1	34,961	35,102	35,093	35,362	(X)	(X)	-1.1
Capital goods.....	203,307	203,022	202,047	0.1	0.5	0.6	203,892	202,236	204,026	197,500	(X)	(X)	3.2
Nondefense capital goods ³	179,682	179,648	178,565	0.0	0.6	0.5	180,335	178,959	180,581	175,956	(X)	(X)	2.5
Excluding aircraft.....	124,242	124,371	123,844	-0.1	0.4	0.5	124,814	124,089	126,102	119,539	(X)	(X)	4.4
Defense capital goods ⁴	23,625	23,374	23,482	1.1	-0.5	1.2	23,557	23,277	23,445	21,544	(X)	(X)	9.3
Consumer goods.....	196,718	196,841	195,063	-0.1	0.9	0.9	202,224	198,945	196,351	194,184	(X)	(X)	4.1
Consumer durable goods.....	29,733	29,790	29,703	-0.2	0.3	0.4	30,363	30,045	30,301	29,631	(X)	(X)	2.5
Consumer nondurable goods.....	166,985	167,051	165,360	0.0	1.0	1.0	171,861	168,900	166,050	164,553	(X)	(X)	4.4

^x Not Applicable

^p Preliminary

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

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

² Topical series are regroupings of the separate industry categories.

³ Nondefense capital goods industries include: small arms and ordnance; farm machinery and equipment; construction machinery; mining, oil, and gas field machinery; industrial machinery; vending, laundry, and other machinery; photographic equipment; metalworking machinery; turbines and generators; other power transmission equipment; pumps and compressors; material handling equipment; all other machinery; electronic computers; computer storage devices; other computer peripheral equipment; communications equipment; search and navigation equipment; electromedical, measuring, and control instruments; electrical equipment; other electrical equipment, appliances, and components; heavy duty trucks; aircraft; railroad rolling stock; ships and boats; office and institutional furniture; and medical equipment and supplies.

⁴ Defense capital goods industries include: small arms and ordnance; communications equipment; aircraft; missiles, space vehicles, and parts; ships and boats; and search and navigation equipment.

⁵ Estimates and percent changes exclude semiconductor industry data.

⁶ Based on year-to-date for shipments and new orders, but on same month prior year for unfilled orders and inventories.

Note: Estimates of manufacturers' shipments, inventories and orders are subject to survey error and revision. One major component of survey error is nonsampling error, which includes errors of coverage, response, and nonreporting. Since the survey panel is not a probability sample, estimates of sampling error cannot be calculated. For further details on survey design, methodology, and data limitations see

<<http://www.census.gov/manufacturing/m3/>>.

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

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

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

[Estimates are shown in millions of dollars and are based on data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				% Change October 2017/ 2016
	Oct. 2017 ^p	Sep. 2017 ^f	Aug. 2017	Sep. - Oct.	Aug. - Sep.	July - Aug.	Oct. 2017 ^p	Sep. 2017 ^f	Aug. 2017	Oct. 2016	
MATERIALS AND SUPPLIES											
All manufacturing industries.....	225,639	226,438	223,844	-0.4	1.2	0.7	226,347	226,587	224,326	217,754	3.9
Durable goods industries.....	136,007	136,499	135,430	-0.4	0.8	0.4	136,129	137,084	136,468	130,997	3.9
Wood products.....	4,831	4,841	4,856	-0.2	-0.3	-1.4	4,991	4,961	4,890	4,607	8.3
Nonmetallic mineral products.....	5,487	5,522	5,488	-0.6	0.6	0.7	5,461	5,503	5,493	5,307	2.9
Primary metals.....	12,745	12,697	12,726	0.4	-0.2	0.5	12,915	12,908	12,808	11,955	8.0
Fabricated metal products.....	18,549	18,586	18,334	-0.2	1.4	0.7	18,492	18,708	18,468	17,546	5.4
Machinery.....	24,337	24,545	24,326	-0.8	0.9	1.4	24,370	24,700	24,657	23,520	3.6
Computers and electronic products.....	18,683	18,690	18,122	0.0	3.1	1.0	18,774	18,538	18,288	17,630	6.5
Electrical equipment, appliances, and components.....	7,034	7,013	6,961	0.3	0.7	0.4	7,011	6,898	7,039	6,911	1.4
Transportation equipment.....	32,717	33,010	33,047	-0.9	-0.1	-0.7	32,467	33,252	33,062	32,166	0.9
Furniture and related products.....	3,772	3,753	3,782	0.5	-0.8	0.6	3,754	3,743	3,814	3,569	5.2
Miscellaneous products.....	7,852	7,842	7,788	0.1	0.7	0.4	7,894	7,873	7,949	7,786	1.4
Nondurable goods industries.....	89,632	89,939	88,414	-0.3	1.7	1.3	90,218	89,503	87,858	86,757	4.0
Food products.....	19,067	19,441	19,426	-1.9	0.1	0.5	19,849	19,153	19,132	20,200	-1.7
Beverage and tobacco products.....	5,876	5,790	5,744	1.5	0.8	-0.5	5,978	5,698	5,555	5,997	-0.3
Textiles.....	1,133	1,144	1,139	-1.0	0.4	0.8	1,127	1,146	1,151	1,116	1.0
Textile products.....	1,263	1,267	1,268	-0.3	-0.1	0.2	1,253	1,271	1,272	1,259	-0.5
Apparel.....	499	507	506	-1.6	0.2	-1.9	514	520	514	598	-14.0
Leather and allied products.....	228	223	221	2.2	0.9	-0.9	230	226	229	232	-0.9
Paper products.....	7,783	7,751	7,692	0.4	0.8	-0.3	7,715	7,735	7,714	7,665	0.7
Printing.....	2,616	2,617	2,620	0.0	-0.1	0.2	2,659	2,665	2,659	2,736	-2.8
Petroleum and coal products.....	11,556	11,861	10,611	-2.6	11.8	9.0	11,828	12,050	10,342	9,748	21.3
Chemical products.....	29,127	28,927	28,855	0.7	0.2	0.5	28,678	28,624	28,921	27,006	6.2
Plastics and rubber products.....	10,484	10,411	10,332	0.7	0.8	0.5	10,387	10,415	10,369	10,200	1.8
WORK IN PROCESS											
All manufacturing industries.....	206,903	205,570	203,713	0.6	0.9	0.8	209,354	204,434	204,725	198,231	5.6
Durable goods industries.....	154,373	152,868	151,506	1.0	0.9	0.6	154,807	151,942	152,730	149,322	3.7
Wood products.....	2,010	1,990	1,953	1.0	1.9	2.2	1,993	1,968	1,923	2,049	-2.7
Nonmetallic mineral products.....	1,492	1,495	1,472	-0.2	1.6	-0.5	1,423	1,462	1,464	1,405	1.3
Primary metals.....	9,845	9,857	9,698	-0.1	0.8	0.8	9,839	9,877	9,873	8,722	12.8
Fabricated metal products.....	13,420	13,368	13,214	0.4	1.2	0.2	13,475	13,422	13,323	12,684	6.2
Machinery.....	21,848	21,392	21,220	2.1	0.8	1.0	22,219	21,306	21,670	20,338	9.2
Computers and electronic products.....	13,823	13,815	13,961	0.1	-1.0	-0.1	13,800	13,476	14,310	13,627	1.3
Electrical equipment, appliances, and components.....	3,931	3,889	3,921	1.1	-0.8	-0.4	3,895	3,822	3,987	3,720	4.7
Transportation equipment.....	83,158	82,312	81,330	1.0	1.2	0.8	83,306	81,830	81,366	82,187	1.4
Furniture and related products.....	1,193	1,177	1,184	1.4	-0.6	2.2	1,188	1,174	1,194	1,109	7.1
Miscellaneous products.....	3,653	3,573	3,553	2.2	0.6	0.2	3,669	3,605	3,620	3,481	5.4
Nondurable goods industries.....	52,530	52,702	52,207	-0.3	0.9	1.2	54,547	52,492	51,995	48,909	11.5
Food products.....	6,414	6,353	5,968	1.0	6.5	-1.9	7,550	5,874	5,456	6,813	10.8
Beverage and tobacco products.....	8,608	8,866	9,081	-2.9	-2.4	0.5	9,235	8,955	8,451	9,120	1.3
Textiles.....	683	680	675	0.4	0.7	0.0	687	686	681	660	4.1
Textile products.....	416	412	405	1.0	1.7	-0.2	417	418	405	414	0.7
Apparel.....	325	328	321	-0.9	2.2	1.3	331	344	344	338	-2.1
Leather and allied products.....	80	84	86	-4.8	-2.3	3.6	78	85	88	90	-13.3
Paper products.....	1,230	1,195	1,221	2.9	-2.1	-1.6	1,216	1,197	1,246	1,242	-2.1
Printing.....	1,024	1,056	1,004	-3.0	5.2	-0.4	1,108	1,095	1,084	1,193	-7.1
Petroleum and coal products.....	12,319	12,315	12,026	0.0	2.4	4.2	12,756	12,638	12,387	9,748	30.9
Chemical products.....	18,194	18,176	18,240	0.1	-0.4	1.1	17,960	17,983	18,692	16,215	10.8
Plastics and rubber products.....	3,237	3,237	3,180	0.0	1.8	1.0	3,209	3,217	3,161	3,076	4.3
FINISHED GOODS											
All manufacturing industries.....	229,026	228,403	228,766	0.3	-0.2	0.2	230,181	229,546	231,653	225,958	1.9
Durable goods industries.....	113,869	114,269	114,387	-0.4	-0.1	0.5	113,822	113,673	115,498	109,884	3.6
Wood products.....	5,003	4,956	4,965	0.9	-0.2	0.4	4,781	4,730	4,855	4,480	6.7
Nonmetallic mineral products.....	6,533	6,494	6,490	0.6	0.1	0.9	6,279	6,345	6,433	6,044	3.9
Primary metals.....	11,432	11,202	11,075	2.1	1.1	0.5	11,193	11,138	11,034	10,226	9.5
Fabricated metal products.....	18,547	18,422	18,517	0.7	-0.5	0.9	18,298	18,150	18,436	17,361	5.4
Machinery.....	23,376	23,736	23,619	-1.5	0.5	0.5	23,013	23,662	23,760	21,718	6.0
Computers and electronic products.....	12,594	12,581	12,793	0.1	-1.7	0.6	12,912	12,648	13,291	12,419	4.0
Electrical equipment, appliances, and components.....	6,819	6,820	6,843	0.0	-0.3	1.1	6,883	6,800	7,039	6,371	8.0
Transportation equipment.....	15,059	15,586	15,655	-3.4	-0.4	-0.9	15,692	15,642	15,956	16,937	-7.4
Furniture and related products.....	2,921	2,880	2,803	1.4	2.7	0.3	2,914	2,869	2,938	2,638	10.5
Miscellaneous products.....	11,585	11,592	11,627	-0.1	-0.3	0.8	11,857	11,689	11,756	11,690	1.4
Nondurable goods industries.....	115,157	114,134	114,379	0.9	-0.2	-0.1	116,359	115,873	116,155	116,074	0.2
Food products.....	29,699	29,814	30,133	-0.4	-1.1	-0.3	31,090	31,503	31,454	31,013	0.2
Beverage and tobacco products.....	8,728	8,594	8,555	1.6	0.5	-1.4	8,751	8,645	8,837	8,832	-0.9
Textiles.....	1,463	1,442	1,441	1.5	0.1	-0.1	1,463	1,443	1,446	1,395	4.9
Textile products.....	1,767	1,757	1,755	0.6	0.1	0.5	1,763	1,745	1,758	1,627	8.4
Apparel.....	1,218	1,231	1,195	-1.1	3.0	2.7	1,244	1,295	1,274	1,271	-2.1
Leather and allied products.....	474	481	490	-1.5	-1.8	-1.2	471	488	506	467	0.9
Paper products.....	6,548	6,603	6,674	-0.8	-1.1	-0.1	6,469	6,608	6,674	6,517	-0.7
Printing.....	1,733	1,740	1,772	-0.4	-1.8	-0.7	1,791	1,740	1,771	1,774	1.0
Petroleum and coal products.....	14,620	14,246	14,170	2.6	0.5	2.9	14,866	14,699	14,325	13,317	11.6
Chemical products.....	36,749	36,106	36,021	1.8	0.2	-1.0	36,452	35,713	36,048	38,283	-4.8
Plastics and rubber products.....	12,158	12,120	12,173	0.3	-0.4	1.0	11,999	11,994	12,062	11,578	3.6

^p Preliminary

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

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

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, October Full Report, December 4, 2017. Information on data sources and methodology can be found on our website at <www.census.gov/manufacturing/m3/how_the_data_are_collected/index.html>.

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

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

Industry	Inventory/Shipments ratio				Unfilled Orders/Shipments ratio ²			
	Oct 2017 ^p	Sep 2017 ^r	Aug 2017	Jul 2017	Oct 2017 ^p	Sep 2017 ^r	Aug 2017	Jul 2017
	All manufacturing industries ³	1.37	1.37	1.38	1.38	(X)	(X)	(X)
Durable goods industries ³	1.67	1.68	1.68	1.69	6.68	6.68	6.76	6.77
Wood products.....	1.26	1.27	1.29	1.31	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.26	1.27	1.27	1.27	(X)	(X)	(X)	(X)
Primary metals.....	1.71	1.72	1.70	1.72	1.55	1.57	1.56	1.57
Fabricated metal products.....	1.54	1.55	1.56	1.56	2.54	2.54	2.54	2.55
Machinery.....	2.14	2.16	2.19	2.21	3.51	3.50	3.59	3.64
Computers and electronic products ³	1.63	1.63	1.65	1.66	5.58	5.60	5.65	5.69
Electrical equipment, appliances, and components.....	1.74	1.75	1.76	1.77	2.43	2.44	2.45	2.46
Transportation equipment.....	1.65	1.65	1.65	1.65	14.84	14.64	14.89	14.62
Furniture and related products.....	1.19	1.18	1.18	1.18	1.65	1.65	1.68	1.71
Miscellaneous products.....	1.79	1.80	1.82	1.82	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.06	1.07	1.07	1.07	(X)	(X)	(X)	(X)
Food products.....	0.80	0.81	0.81	0.80	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.83	1.82	1.78	1.78	(X)	(X)	(X)	(X)
Textiles.....	1.23	1.25	1.23	1.23	(X)	(X)	(X)	(X)
Textile products.....	1.56	1.55	1.57	1.55	(X)	(X)	(X)	(X)
Apparel.....	1.97	2.00	1.95	1.88	(X)	(X)	(X)	(X)
Leather and allied products.....	2.02	2.06	2.11	2.08	(X)	(X)	(X)	(X)
Paper products.....	0.96	0.96	0.96	0.98	(X)	(X)	(X)	(X)
Printing.....	0.85	0.87	0.86	0.86	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.83	0.85	0.86	0.85	(X)	(X)	(X)	(X)
Chemical products.....	1.26	1.27	1.28	1.28	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.29	1.29	1.30	1.28	(X)	(X)	(X)	(X)

^x Not Applicable

^p Preliminary

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

² Excludes the following industries with no unfilled orders: Wood products; nonmetallic mineral products; medical equipment and supplies; office supplies; other miscellaneous manufacturing; cutlery and handtools; farm and garden machinery; computer storage and peripheral devices; audio and video equipment; manufacturing and reproducing magnetic and optical media; batteries; automobiles; light trucks and utility vehicles; heavy duty trucks; and miscellaneous furniture.

³ Unfilled orders to shipments ratio excludes semiconductor manufacturing.

Note: Estimates of manufacturers' shipments, inventories and orders are subject to survey error and revision. One major component of survey error is nonsampling error, which includes errors of coverage, response, and nonreporting. Since the survey panel is not a probability sample, estimates of sampling error cannot be calculated. For further details on survey design, methodology, and data limitations see <<http://www.census.gov/manufacturing/m3/>>.

Source: U.S. Census Bureau, Manufacturers' Shipments, Inventories, and Orders (M3) Survey, October Full Report, December 4, 2017.

Information on data sources and methodology can be found on our website at <www.census.gov/manufacturing/m3/how_the_data_are_collected/index.html>.

Table 8. Revisions to Previously Published Monthly Percent Changes ¹

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

Industry	Shipments		New Orders		Unfilled Orders		Inventories	
	Oct ² 2017	Oct ³ 2016- Sep 2017	Oct ² 2017	Oct ³ 2016- Sep 2017	Oct ² 2017	Oct ³ 2016- Sep 2017	Oct ² 2017	Oct ³ 2016- Sep 2017
	All manufacturing industries.....	(X)	0.2	(X)	0.3	(X)	0.1	(X)
Durable goods industries.....	0.3	0.2	0.4	0.4	0.0	0.1	0.1	0.0
Wood products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.2
Nonmetallic mineral products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.1
Primary metals.....	0.1	0.3	0.1	0.7	0.0	0.4	0.4	0.3
Fabricated metal products.....	0.4	0.4	0.4	1.1	0.1	0.3	0.0	0.2
Machinery.....	1.1	0.4	1.3	0.6	0.1	0.2	-0.1	0.1
Computers and electronic products.....	0.4	0.4	0.3	0.7	0.0	0.1	0.1	0.1
Electrical equipment, appliances, and components.....	0.0	0.3	0.0	0.7	0.0	0.3	0.0	0.2
Transportation equipment.....	0.1	0.2	0.1	0.9	0.1	0.1	0.0	0.1
Furniture and related products.....	(X)	0.3	(X)	0.8	(X)	0.4	(X)	0.2
Miscellaneous products.....	(X)	0.4	(X)	0.4	(X)	0.3	(X)	0.1
Nondurable goods industries.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.3
Food products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.4
Beverage and tobacco products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.2
Textiles.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.2
Textile products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.3
Apparel.....	(X)	1.1	(X)	(NA)	(X)	(NA)	(X)	0.7
Leather and allied products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.3
Paper products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Printing.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.2
Petroleum and coal products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	1.8
Chemical products.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.1
Plastics and rubber products.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.2

^x Not Applicable

^{NA} Not Available

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

² The current month revisions are the difference between the advance percent change and the percent change as shown in this publication.

³ The twelve month revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the absolute values of the differences for the months specified.

The advance to final percent change revisions for the durable goods industries are shown in the advance report for the month.

Note: Estimates of manufacturers' shipments, inventories and orders are subject to survey error and revision. One major component of survey error is nonsampling error, which includes errors of coverage, response, and nonreporting. Since the survey panel is not a probability sample, estimates of sampling error cannot be calculated. For further details on survey design, methodology, and data limitations see <<http://www.census.gov/manufacturing/m3/>>.

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

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