

U.S. Census Bureau News

U.S. Department of Commerce • Washington, D.C. 20233

FOR IMMEDIATE RELEASE

WEDNESDAY, JANUARY 6, 2016, AT 10:00 A.M. EST

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M3-2 (15)-11
CB 16-03

Full Report on Manufacturers' Shipments, Inventories and Orders November 2015

Summary

New orders for manufactured goods in November, down three of the last four months, decreased \$1.1 billion or 0.2 percent to \$472.2 billion, the U.S. Census Bureau reported today. This followed a 1.3 percent October increase.

Shipments, up following four consecutive monthly decreases, increased \$1.0 billion or 0.2 percent to \$475.3 billion. This followed a 0.7 percent October decrease.

Unfilled orders, up two consecutive months, increased \$1.9 billion or 0.2 percent to \$1,193.9 billion. This followed a 0.3 percent October increase. The unfilled orders-to-shipments ratio was 6.92, down from 6.96 in October.

Inventories, down five consecutive months, decreased \$1.7 billion or 0.3 percent to \$641.3 billion. This followed a 0.2 percent October decrease. The inventories-to-shipments ratio was 1.35, down from 1.36 in October.

New Orders

New orders for manufactured durable goods in November, down three of the last four months, decreased less than \$0.1 billion or virtually unchanged to \$238.6 billion, down from the previously published virtually unchanged increase. This followed a 2.8 percent October increase.

Primary metals, down five of the last six months, drove the decrease, \$0.6 billion or 2.9 percent to \$19.5 billion.

New orders for manufactured nondurable goods decreased \$1.0 billion or 0.4 percent to \$233.6 billion.

Shipments

Shipments of manufactured durable goods in November, up two of the last three months, increased \$2.0 billion or 0.8 percent to \$241.7 billion, down from the previously published 0.9 percent increase. This followed a 1.2 percent October decrease.

Transportation equipment, also up two of the last three months, drove the increase, \$2.0 billion or 2.6 percent to \$80.6 billion.

Shipments of manufactured nondurable goods, down five consecutive months, decreased \$1.0 billion or 0.4 percent to \$233.6 billion. This followed a 0.2 percent October decrease. Petroleum and coal products, also down five consecutive months, led the decrease, \$0.7 billion or 1.5 percent to \$42.1 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in November, up two consecutive months, increased \$1.9 billion or 0.2 percent to \$1,193.9 billion, unchanged from the previously published 0.2 percent increase. This followed a 0.3 percent October increase.

Transportation equipment, also up two consecutive months, led the increase, \$1.2 billion or 0.2 percent to \$799.3 billion.

Inventories

Inventories of manufactured durable goods in November, down six of the last seven months, decreased \$1.3 billion or 0.3 percent to \$395.3 billion, unchanged from the previously published 0.3 percent decrease. This followed a 0.3 percent October decrease.

Transportation equipment, down four of the last five months, led the decrease, \$0.9 billion or 0.7 percent to \$129.6 billion.

Inventories of manufactured nondurable goods, down four of the last five months, decreased \$0.3 billion or 0.1 percent to \$246.0 billion. This followed a 0.1 percent October increase. Petroleum and coal products, also down four of the last five months, led the decrease, \$0.3 billion or 1.0 percent to \$33.8 billion.

By stage of fabrication, November materials and supplies decreased 0.5 percent in durable goods and increased 0.1 percent in nondurable goods. Work in process decreased 0.6 percent in durable goods and decreased 0.8 percent in nondurable goods. Finished goods increased 0.3 percent in durable goods and was virtually unchanged in nondurable goods.

Figures in text are adjusted for seasonality, but not for inflation. Figures on new and unfilled orders exclude data for semiconductor manufacturing. For data, call (301) 763-4673 or go to www.census.gov/m3. The Advance Report on durable goods for December is scheduled for release on January 28, 2016 at 8:30 a.m. EST and the Full Report on February 4, 2016 at 10:00 a.m. EST. See back page for survey description. To receive the latest updates on the Nation's key economic indicators, download the America's Economy app for Apple and Android smartphones and tablets. To learn more about this release and the other indicators the U.S. Census Bureau publishes, join us for the Investigating Economic Indicators Webinar Series. For more information, visit www.census.gov/econ/webinar.

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

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		
	Nov. 2015 ^P	Oct. 2015 ^F	Sep. 2015	Oct. - Nov.	Sep. - Oct.	Aug. - Sep.	Nov. 2015 ^P	Oct. 2015 ^F	Sep. 2015	Nov. 2014	2015 ^P	2014	% Change 2015/ 2014
All manufacturing industries.....	475,313	474,362	477,659	0.2	-0.7	-0.3	457,503	485,943	497,893	471,921	5,279,072	5,511,388	-4.2
Excluding transportation.....	394,686	395,782	396,916	-0.3	-0.3	-0.4	379,740	404,678	411,050	401,689	4,419,585	4,715,922	-6.3
Excluding defense.....	463,109	461,216	464,722	0.4	-0.8	-0.4	444,891	473,000	483,604	459,177	5,145,380	5,381,431	-4.4
With unfilled orders.....	172,491	171,341	173,217	0.7	-1.1	-0.1	164,646	173,174	184,064	161,823	1,889,595	1,851,969	2.0
Durable goods industries.....	241,703	239,719	242,610	0.8	-1.2	0.3	231,087	245,881	257,240	223,981	2,642,380	2,595,249	1.8
Wood products.....	8,209	8,154	8,123	0.7	0.4	1.7	7,603	8,662	8,455	7,330	89,636	90,211	-0.6
Nonmetallic mineral products.....	9,803	9,721	9,786	0.8	-0.7	0.7	9,261	10,725	10,624	9,016	108,074	107,591	0.4
Primary metals.....	19,733	20,016	20,208	-1.4	-1.0	-0.7	18,365	20,518	20,619	21,499	233,103	257,674	-9.5
Iron and steel mills.....	8,871	9,083	9,296	-2.3	-2.3	-1.7	8,265	9,353	9,478	10,735	107,896	128,984	-16.3
Aluminum and nonferrous metals.....	9,257	9,330	9,286	-0.8	0.5	0.6	8,652	9,553	9,375	9,285	107,266	110,480	-2.9
Ferrous metal foundries.....	1,605	1,603	1,626	0.1	-1.4	-1.9	1,448	1,612	1,766	1,479	17,941	18,210	-1.5
Fabricated metal products.....	29,582	29,496	29,484	0.3	0.0	-0.5	28,000	30,757	31,034	28,256	330,059	332,039	-0.6
Machinery.....	32,582	32,807	33,496	-0.7	-2.1	0.3	30,293	33,101	34,290	31,057	364,517	373,157	-2.3
Farm machinery.....	1,449	1,529	1,603	-5.2	-4.6	-6.1	1,156	1,446	1,489	1,115	18,143	30,633	-40.8
Construction machinery.....	3,146	3,211	3,266	-2.0	-1.7	-6.3	3,078	3,513	3,048	3,416	38,589	32,208	19.8
Mining, oil field, and gas field machinery.....	1,444	1,532	1,549	-5.7	-1.1	-1.9	1,353	1,539	1,621	2,417	19,259	29,956	-35.7
Industrial machinery.....	3,089	3,177	3,165	-2.8	0.4	8.1	2,863	3,310	3,507	2,629	31,399	31,921	-1.6
Photographic equipment.....	559	546	504	2.4	8.3	-3.6	608	577	571	663	5,856	6,434	-9.0
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,980	3,972	3,972	0.2	0.0	0.9	3,522	3,722	4,169	3,411	43,531	42,940	1.4
Metalworking machinery.....	3,216	3,216	3,181	0.0	1.1	-0.8	3,138	3,428	3,398	2,631	32,788	28,471	15.2
Turbines, generators, and other power transmission equipment.....	3,505	3,483	4,179	0.6	-16.7	3.3	3,431	3,519	4,138	4,009	44,034	42,847	2.8
Material handling equipment.....	2,866	2,723	2,714	5.3	0.3	0.4	2,730	2,847	2,822	2,198	28,582	26,526	7.8
Computers and electronic products ²	30,068	29,809	29,790	0.9	0.1	0.9	29,324	29,378	32,822	26,827	318,308	307,963	3.4
Computers.....	613	645	651	-5.0	-0.9	-2.8	588	586	718	546	7,144	7,471	-4.4
Computer storage devices.....	478	479	484	-0.2	-1.0	4.1	382	344	727	409	4,874	6,118	-20.3
Other peripheral equipment.....	854	904	830	-5.5	8.9	-5.7	700	761	1,002	747	9,766	9,881	-1.2
Nondefense communications equipment.....	3,392	3,266	3,390	3.9	-3.7	3.2	3,120	2,967	4,086	2,710	36,155	34,783	3.9
Defense communications equipment....	333	346	314	-3.8	10.2	-9.0	343	373	350	382	3,738	4,164	-10.2
Audio and video equipment.....	254	282	279	-9.9	1.1	9.0	347	341	279	389	2,715	3,380	-19.7
Electronic components.....	4,946	4,953	4,808	-0.1	3.0	0.2	4,512	4,813	5,143	3,274	51,016	40,473	26.0
Nondefense search and navigation equipment.....	1,476	1,449	1,416	1.9	2.3	1.6	1,473	1,358	1,649	1,225	14,859	13,459	10.4
Defense search and navigation equipment.....	2,708	2,690	2,674	0.7	0.6	-2.8	2,927	2,674	2,914	3,001	29,231	28,679	1.9
Electromedical, measuring, and control instruments.....	9,803	9,899	9,865	-1.0	0.3	1.8	9,322	9,361	11,243	8,695	102,418	95,786	6.9
Electrical equipment, appliances, and components.....	9,924	10,082	10,175	-1.6	-0.9	0.1	9,704	10,256	10,786	10,343	113,101	115,522	-2.1
Electric lighting equipment.....	982	1,001	1,009	-1.9	-0.8	2.0	1,035	1,064	1,061	995	10,685	10,738	-0.5
Household appliances.....	1,554	1,573	1,564	-1.2	0.6	-1.6	1,584	1,627	1,650	1,784	17,789	19,181	-7.3
Electrical equipment.....	3,075	3,077	3,112	-0.1	-1.1	0.0	2,872	2,967	3,381	3,067	34,880	36,432	-4.3
Batteries.....	842	898	822	-6.2	9.2	0.2	955	1,027	902	991	9,317	9,852	-5.4
Transportation equipment.....	80,627	78,580	80,743	2.6	-2.7	0.3	77,763	81,265	86,843	70,232	859,487	795,466	8.0
Automobiles.....	8,460	8,144	8,679	3.9	-6.2	-1.3	8,386	9,048	9,265	8,300	96,681	93,197	3.7
Light trucks and utility vehicles.....	14,487	14,155	14,744	2.3	-4.0	4.2	13,696	15,302	15,873	11,106	149,659	133,770	11.9
Heavy duty trucks.....	2,866	3,071	3,059	-6.7	0.4	-0.4	2,634	3,315	3,198	2,667	34,029	29,748	14.4
Motor vehicle bodies, parts, and trailers.....	26,538	26,226	26,669	1.2	-1.7	-0.3	25,447	28,071	27,386	22,683	287,782	261,126	10.2
Nondefense aircraft and parts.....	15,971	13,770	14,376	16.0	-4.2	-6.2	15,416	12,402	16,460	12,245	154,474	135,224	14.2
Defense aircraft and parts.....	4,658	5,443	5,388	-14.4	1.0	6.3	4,734	5,330	6,096	4,958	52,853	51,282	3.1
Ships and boats.....	2,906	2,839	2,979	2.4	-4.7	8.2	2,908	2,911	3,059	2,893	30,858	31,470	-1.9
Furniture and related products.....	6,495	6,491	6,471	0.1	0.3	0.8	6,214	6,482	6,691	5,842	70,017	65,644	6.7
Miscellaneous durable goods.....	14,680	14,563	14,334	0.8	1.6	0.5	14,560	14,737	15,076	13,579	156,078	149,982	4.1
Nondurable goods industries.....	233,610	234,643	235,049	-0.4	-0.2	-0.9	226,416	240,062	240,653	247,940	2,636,692	2,916,139	-9.6
Food products.....	66,029	66,138	66,145	-0.2	0.0	0.0	67,758	69,875	67,793	69,017	726,763	736,684	-1.3
Grain and oilseed milling.....	8,330	8,235	8,142	1.2	1.1	-1.9	8,915	9,107	8,277	8,687	90,586	91,227	-0.7
Dairy products.....	9,884	9,908	9,910	-0.2	0.0	-0.1	10,290	10,371	10,121	11,283	109,829	119,658	-8.2
Meat, poultry, and seafood products....	18,283	18,568	18,770	-1.5	-1.1	-0.5	18,362	19,194	19,026	20,304	209,547	218,851	-4.3
Beverage and tobacco products.....	12,751	13,018	12,912	-2.1	0.8	2.0	12,655	13,052	13,289	12,210	138,586	135,898	2.0
Beverages.....	9,061	9,046	9,108	0.2	-0.7	1.1	8,965	9,080	9,485	8,767	98,890	99,059	-0.2
Tobacco.....	3,690	3,972	3,804	-7.1	4.4	3.9	3,690	3,972	3,804	3,443	39,696	36,839	7.8
Textile mills.....	2,591	2,589	2,577	0.1	0.5	0.6	2,452	2,681	2,647	2,426	28,565	29,100	-1.8
Textile products.....	1,981	1,974	1,958	0.4	0.8	0.4	1,909	2,030	1,968	1,818	21,539	20,999	2.6
Apparel.....	1,166	1,153	1,159	1.1	-0.5	-0.7	1,351	1,372	1,223	1,350	12,705	12,201	4.1
Leather and allied products.....	427	435	454	-1.8	-4.2	1.6	398	451	456	461	4,993	5,072	-1.6
Paper products.....	16,157	16,236	16,039	-0.5	1.2	-0.1	15,470	16,732	16,362	15,764	177,551	178,998	-0.8
Pulp, paper, and paperboard mills.....	7,263	7,246	7,063	0.2	2.6	-0.2	6,865	7,332	7,185	6,628	78,493	77,231	1.6
Paperboard containers.....	5,169	5,205	5,227	-0.7	-0.4	0.1	4,935	5,472	5,360	5,485	57,736	60,712	-4.9
Printing.....	7,229	7,227	7,202	0.0	0.3	-0.1	7,270	7,692	7,530	7,034	79,120	76,610	3.3
Petroleum and coal products.....	42,141	42,803	43,043	-1.5	-0.6	-5.3	39,430	43,517	44,256	60,235	530,520	782,495	-32.2
Petroleum refineries.....	38,513	39,171	39,470	-1.7	-0.8	-5.7	36,200	39,516	40,142	56,693	489,366	736,924	-33.6
Chemical products.....	64,408	64,192	64,555	0.3	-0.6	0.4	60,131	63,101	65,772	59,501	704,574	721,241	-2.3
Pesticides, fertilizers, and other agricultural chemicals.....	4,934	4,937	5,096	-0.1	-3.1	0.9	3,802	3,681	4,473	3,261	53,290	45,853	16.2
Pharmaceuticals and medicines.....	17,173	17,006	17,011	1.0	0.0	2.0	16,628	17,041	17,820	13,403	175,702	159,802	9.9
Paints, coatings, and adhesives.....	3,329	3,375	3,423	-1.4	-1.4	1.5	2,846	3,450	3,451	2,760	37,072	36,206	2.4
Plastics and rubber products.....	18,730	18,878	19,005	-0.8	-0.7	-0.5	17,592	19,559	19,357	18,124	211,776	216,841	-2.3

^P Preliminary^F Revised data due to late receipts and concurrent seasonal adjustment.

¹ Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted estimates of shipments and new orders include adjusted data for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holiday and trading-day differences, where appropriate, as well as seasonal variation, based on the results of the latest annual review of the model parameters. Estimates are not adjusted for price changes. See note at end of Table 2 relating to survey error and revision.

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

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. 2015 ^P	Oct. 2015 ^F	Sep. 2015	Oct. - Nov.	Sep. - Oct.	Aug. - Sep.	Nov. 2015 ^P	Oct. 2015 ^F	Sep. 2015	Nov. 2014	2015 ^P	2014	% Change 2015/ 2014
All manufacturing industries ²	472,203	473,262	467,064	-0.2	1.3	-0.8	453,768	480,185	487,375	470,093	5,191,580	5,568,203	-6.8
Excluding transportation ²	390,376	391,474	391,083	-0.3	0.1	-0.6	372,560	397,769	404,388	395,248	4,359,608	4,684,701	-6.9
Excluding defense ²	455,765	460,152	453,989	-1.0	1.4	-1.2	438,741	467,789	472,229	460,304	5,065,613	5,438,344	-6.9
With unfilled orders ²	174,360	174,911	167,472	-0.3	4.4	-1.5	166,262	172,949	178,007	165,260	1,855,945	1,970,526	-5.8
Durable goods industries ²	238,593	238,619	232,015	0.0	2.8	-0.8	227,352	240,123	246,722	222,153	2,554,888	2,652,064	-3.7
Primary metals.....	19,506	20,096	19,709	-2.9	2.0	-2.8	18,403	20,369	19,433	21,733	230,598	259,162	-11.0
Iron and steel mills.....	8,820	9,361	8,903	-5.8	5.1	-6.4	8,447	9,306	8,520	10,493	106,817	128,928	-17.1
Aluminum and nonferrous metals.....	9,160	9,222	9,170	-0.7	0.6	-0.4	8,582	9,517	9,246	9,751	106,272	111,636	-4.8
Ferrous metal foundries.....	1,526	1,513	1,636	0.9	-7.5	4.1	1,374	1,546	1,667	1,489	17,509	18,598	-5.9
Fabricated metal products.....	29,622	29,313	29,641	1.1	-1.1	1.9	26,970	29,672	30,662	27,608	328,061	336,560	-2.5
Machinery.....	32,673	33,122	32,874	-1.4	0.8	-0.2	30,029	32,951	33,249	30,187	357,072	384,433	-7.1
Construction machinery.....	3,120	3,057	3,036	2.1	0.7	-10.1	3,047	3,289	2,771	3,279	34,901	34,579	0.9
Mining, oil field, and gas field machinery.....	1,262	1,460	1,337	-13.6	9.2	-5.4	1,182	1,302	1,434	2,058	17,073	29,561	-42.2
Industrial machinery.....	2,985	3,065	3,067	-2.6	-0.1	3.3	2,601	3,295	3,259	2,072	30,503	32,202	-5.3
Photographic equipment.....	509	575	519	-11.5	10.8	-5.1	514	608	587	607	5,971	6,262	-4.6
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,963	3,927	3,881	0.9	1.2	-1.2	3,425	3,667	4,238	3,439	43,449	44,567	-2.5
Metalworking machinery.....	3,295	3,124	2,998	5.5	4.2	-4.8	3,226	3,297	3,192	2,463	32,351	28,254	14.5
Turbines, generators, and other power transmission equipment.....	3,665	3,791	4,226	-3.3	-10.3	10.5	3,596	3,674	4,125	4,008	41,460	46,414	-10.7
Material handling equipment.....	3,182	2,958	2,956	7.6	0.1	11.6	2,953	2,747	3,088	2,299	30,150	27,843	8.3
Computers and electronic products ²	25,977	25,725	25,178	1.0	2.2	-0.3	23,717	24,227	29,105	21,780	270,944	255,807	5.9
Computers.....	699	673	639	3.9	5.3	-3.2	674	614	706	600	7,354	7,974	-7.8
Nondefense communications equipment.....	4,044	3,693	3,600	9.5	2.6	2.8	3,210	3,467	4,342	3,314	39,548	39,774	-0.6
Defense communications equipment.....	341	358	314	-4.7	14.0	-10.5	284	318	384	291	3,783	3,772	0.3
Electronic components.....	5,026	5,053	4,821	-0.5	4.8	1.3	4,507	4,930	5,017	3,243	51,446	40,695	26.4
Nondefense search and navigation equipment.....	1,700	1,619	1,615	5.0	0.2	-4.0	1,674	1,611	1,860	1,441	17,810	16,944	5.1
Defense search and navigation equipment.....	2,528	2,429	2,618	4.1	-7.2	-3.9	2,497	2,278	3,247	2,430	27,855	28,062	-0.7
Electromedical, measuring, and control instruments.....	9,821	10,009	9,749	-1.9	2.7	0.3	9,183	9,296	11,291	8,732	103,243	97,180	6.2
Electrical equipment, appliances, and components.....	9,799	9,630	9,991	1.8	-3.6	-1.6	9,354	9,839	10,510	10,086	111,861	118,027	-5.2
Electric lighting equipment.....	987	1,002	978	-1.5	2.5	-3.7	1,049	1,078	1,015	990	10,700	10,783	-0.8
Household appliances.....	1,542	1,592	1,556	-3.1	2.3	4.2	1,616	1,668	1,638	1,740	17,740	19,323	-8.2
Electrical equipment.....	3,117	3,054	3,033	2.1	0.7	-4.4	2,937	2,964	3,137	3,106	35,370	37,367	-5.3
Transportation equipment.....	81,827	81,788	75,981	0.0	7.6	-2.2	81,208	82,416	82,987	74,845	831,972	883,502	-5.8
Motor vehicle bodies, parts, and trailers.....	26,385	26,233	26,726	0.6	-1.8	0.2	25,878	27,770	27,353	23,918	286,862	263,416	8.9
Nondefense aircraft and parts.....	13,441	17,273	9,663	-22.2	78.8	-32.2	15,847	14,257	12,436	17,696	137,193	217,420	-36.9
Defense aircraft and parts.....	8,238	5,607	6,495	46.9	-13.7	29.2	7,843	6,320	7,691	4,664	51,726	48,832	5.9
Ships and boats.....	2,439	2,475	2,383	-1.5	3.9	2.2	2,060	2,085	2,217	1,763	25,539	36,388	-29.8
Furniture and related products.....	6,487	6,490	6,423	0.0	1.0	-2.0	6,237	6,508	6,646	5,931	70,582	66,755	5.7
Nondurable goods industries.....	233,610	234,643	235,049	-0.4	-0.2	-0.9	226,416	240,062	240,653	247,940	2,636,692	2,916,139	-9.6

^P Preliminary^F Revised data due to late receipts and concurrent seasonal adjustment.

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

² Data on new orders are not available for the semiconductor industry. Estimates and percent changes for new orders exclude semiconductor industry data.

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

Table 3. Value of Manufacturers' Unfilled Orders for Industry Groups¹**[Estimates are shown in millions of dollars and are based on data from the Manufacturers' Shipments, Inventories, and Orders Survey.]**

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				% Change Nov. 2015/ 2014
	Nov. 2015 ^p	Oct. 2015 ^r	Sep. 2015	Oct. - Nov.	Sep. - Oct.	Aug. - Sep.	Nov. 2015 ^p	Oct. 2015 ^r	Sep. 2015	Nov. 2014	
All manufacturing industries ²	1,193,878	1,192,009	1,188,439	0.2	0.3	-0.5	1,181,252	1,179,636	1,179,861	1,208,368	-2.2
Excluding transportation ²	394,624	393,955	393,593	0.2	0.1	-0.2	388,014	389,843	391,219	395,907	-2.0
Excluding defense ²	1,007,269	1,009,634	1,006,028	-0.2	0.4	-0.6	997,943	998,742	998,420	1,018,042	-2.0
Durable goods industries ²	1,193,878	1,192,009	1,188,439	0.2	0.3	-0.5	1,181,252	1,179,636	1,179,861	1,208,368	-2.2
Primary metals.....	34,815	35,042	34,962	-0.6	0.2	-1.4	33,677	33,639	33,788	36,074	-6.6
Iron and steel mills.....	18,146	18,197	17,919	-0.3	1.6	-2.1	17,305	17,123	17,170	18,403	-6.0
Aluminum and nonferrous metals.....	11,822	11,919	12,027	-0.8	-0.9	-1.0	11,639	11,709	11,745	12,553	-7.3
Ferrous metal foundries.....	4,847	4,926	5,016	-1.6	-1.8	0.2	4,733	4,807	4,873	5,118	-7.5
Fabricated metal products.....	81,777	81,737	81,920	0.0	-0.2	0.2	79,828	80,858	81,943	82,170	-2.9
Machinery.....	111,191	111,100	110,785	0.1	0.3	-0.6	109,734	109,998	110,148	119,346	-8.1
Construction machinery.....	5,727	5,753	5,907	-0.5	-2.6	-3.7	5,454	5,485	5,709	9,160	-40.5
Mining, oil field, and gas field machinery.....	8,976	9,158	9,230	-2.0	-0.8	-2.2	8,953	9,124	9,361	11,620	-23.0
Industrial machinery.....	8,136	8,240	8,352	-1.3	-1.3	-1.2	7,944	8,206	8,221	9,312	-14.7
Photographic equipment.....	1,611	1,661	1,632	-3.0	1.8	0.9	1,589	1,683	1,652	1,533	3.7
Ventilation, heating, air-conditioning, and refrigeration equipment.....	7,488	7,505	7,550	-0.2	-0.6	-1.2	7,298	7,395	7,450	7,539	-3.2
Metalworking machinery.....	6,473	6,394	6,486	1.2	-1.4	-2.7	6,385	6,297	6,428	7,103	-10.1
Turbines, generators, and other power transmission equipment.....	32,638	32,478	32,170	0.5	1.0	0.1	32,371	32,206	32,051	35,482	-8.8
Material handling equipment.....	12,777	12,461	12,226	2.5	1.9	2.0	12,318	12,095	12,195	10,309	19.5
Computers and electronic products ²	136,560	135,672	135,086	0.7	0.4	0.2	134,993	135,249	134,867	127,669	5.7
Computers.....	2,682	2,596	2,568	3.3	1.1	-0.5	2,682	2,596	2,568	2,492	7.6
Nondefense communications equipment.....	37,862	37,210	36,783	1.8	1.2	0.6	37,146	37,056	36,556	33,144	12.1
Defense communications equipment.....	3,016	3,008	2,996	0.3	0.4	0.0	2,937	2,996	3,051	2,915	0.8
Electronic components.....	11,145	11,065	10,965	0.7	0.9	0.1	11,029	11,034	10,917	10,601	4.0
Nondefense search and navigation equipment.....	20,302	20,078	19,908	1.1	0.9	1.0	20,466	20,265	20,012	17,605	16.3
Defense search and navigation equipment.....	31,888	32,068	32,329	-0.6	-0.8	-0.2	31,523	31,953	32,349	32,757	-3.8
Electromedical, measuring, and control instruments.....	29,665	29,647	29,537	0.1	0.4	-0.4	29,210	29,349	29,414	28,155	3.7
Electrical equipment, appliances, and components.....	21,758	21,883	22,335	-0.6	-2.0	-0.8	21,319	21,669	22,086	22,361	-4.7
Electric lighting equipment.....	1,105	1,100	1,099	0.5	0.1	-2.7	1,121	1,107	1,093	1,147	-2.3
Household appliances.....	1,487	1,499	1,480	-0.8	1.3	-0.5	1,475	1,443	1,402	1,428	3.3
Electrical equipment.....	9,678	9,636	9,659	0.4	-0.2	-0.8	9,592	9,527	9,530	9,125	5.1
Transportation equipment.....	799,254	798,054	794,846	0.2	0.4	-0.6	793,238	789,793	788,642	812,461	-2.4
Motor vehicle bodies, parts, and trailers.....	21,547	21,700	21,693	-0.7	0.0	0.3	21,110	20,679	20,980	21,210	-0.5
Nondefense aircraft and parts.....	609,542	612,072	608,569	-0.4	0.6	-0.8	606,495	606,064	604,209	617,481	-1.8
Defense aircraft and parts.....	69,069	65,489	65,325	5.5	0.3	1.7	68,262	65,153	64,163	68,135	0.2
Ships and boats.....	26,628	27,095	27,459	-1.7	-1.3	-2.1	25,634	26,482	27,308	31,591	-18.9
Furniture and related products.....	7,674	7,682	7,683	-0.1	0.0	-0.6	7,614	7,591	7,565	7,458	2.1

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

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

² Data on unfilled orders are not available for the semiconductor industry. Estimates and percent changes for unfilled orders exclude semiconductor industry data.

See note at end of Table 2 relating to survey error and revision.

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 Nov. 2015/ 2014
	Nov. 2015 ^b	Oct. 2015 ^c	Sep. 2015	Oct. - Nov.	Sep. - Oct.	Aug. - Sep.	Nov. 2015 ^b	Oct. 2015 ^c	Sep. 2015	Nov. 2014	
All manufacturing industries.....	641,307	642,969	644,149	-0.3	-0.2	-0.5	641,725	647,063	643,155	657,044	-2.3
Excluding transportation.....	511,724	512,447	513,024	-0.1	-0.1	-0.4	511,596	515,628	512,364	528,719	-3.2
Excluding defense.....	614,843	616,071	616,607	-0.2	-0.1	-0.4	615,249	620,219	615,550	631,271	-2.5
With unfilled orders.....	321,830	323,409	325,084	-0.5	-0.5	-0.6	322,172	324,032	323,697	325,518	-1.0
Durable goods industries.....	395,333	396,660	398,047	-0.3	-0.3	-0.6	395,793	397,332	396,329	397,271	-0.4
Wood products.....	11,255	11,210	11,194	0.4	0.1	0.0	11,232	11,144	11,047	10,744	4.5
Nonmetallic mineral products.....	13,092	12,939	12,964	1.2	-0.2	-0.3	12,675	12,561	12,755	12,582	0.7
Primary metals.....	35,246	35,658	36,022	-1.2	-1.0	-1.1	35,035	35,430	35,952	39,109	-10.4
Iron and steel mills.....	19,994	20,208	20,566	-1.1	-1.7	-1.8	19,857	20,101	20,609	23,124	-14.1
Aluminum and nonferrous metals.....	13,312	13,490	13,496	-1.3	0.0	0.1	13,266	13,381	13,423	14,053	-5.6
Ferrous metal foundries.....	1,940	1,960	1,960	-1.0	0.0	-1.2	1,912	1,948	1,920	1,932	-1.0
Fabricated metal products.....	49,113	49,071	49,031	0.1	0.1	0.2	48,564	48,599	48,598	48,175	0.8
Machinery.....	65,876	65,926	66,114	-0.1	-0.3	-0.3	66,432	66,065	65,951	67,397	-1.4
Farm machinery.....	3,230	3,180	3,181	1.6	0.0	-2.2	3,173	2,847	2,966	3,635	-12.7
Construction machinery.....	6,739	6,917	6,949	-2.6	-0.5	0.2	6,729	6,999	6,945	6,774	-0.7
Mining, oil field, and gas field machinery.....	5,306	5,352	5,407	-0.9	-1.0	-0.6	5,247	5,272	5,394	6,187	-15.2
Industrial machinery.....	6,089	6,044	6,068	0.7	-0.4	-0.5	6,203	6,077	6,110	6,404	-3.1
Photographic equipment.....	1,396	1,387	1,421	0.6	-2.4	2.8	1,428	1,410	1,433	1,361	4.9
Ventilation, heating, air-conditioning, and refrigeration equipment.....	5,133	5,121	5,161	0.2	-0.8	-2.6	5,013	5,032	5,010	5,146	-2.6
Metalworking machinery.....	5,496	5,502	5,523	-0.1	-0.4	-1.1	5,587	5,558	5,642	5,646	-1.0
Turbines, generators, and other power transmission equipment.....	10,098	10,089	10,106	0.1	-0.2	1.0	10,479	10,428	10,168	10,549	-0.7
Material handling equipment.....	4,258	4,245	4,239	0.3	0.1	0.6	4,352	4,379	4,357	4,013	8.4
Computers and electronic products ²	44,600	44,801	44,922	-0.4	-0.3	-1.4	45,078	45,311	44,694	45,050	0.1
Computers.....	1,070	1,089	1,100	-1.7	-1.0	-1.0	1,087	1,116	1,156	1,141	-4.7
Computer storage devices.....	1,305	1,282	1,255	1.8	2.2	-8.2	1,382	1,354	1,215	1,586	-12.9
Other peripheral equipment.....	1,062	1,036	1,074	2.5	-3.5	-3.9	1,110	1,036	1,045	1,351	-17.8
Nondefense communications equipment.....	4,532	4,590	4,610	-1.3	-0.4	-2.7	4,665	4,639	4,539	5,234	-10.9
Defense communications equipment.....	845	833	837	1.4	-0.5	0.4	845	833	837	788	7.2
Audio and video equipment.....	737	756	748	-2.5	1.1	-2.6	804	863	841	836	-3.8
Electronic components.....	8,041	8,089	8,141	-0.6	-0.6	-0.6	7,913	8,080	8,041	7,316	8.2
Nondefense search and navigation equipment.....	3,478	3,484	3,478	-0.2	0.2	-0.5	3,440	3,551	3,479	3,240	6.2
Defense search and navigation equipment.....	3,144	3,112	3,121	1.0	-0.3	-3.5	3,109	3,068	3,042	2,884	7.8
Electromedical, measuring and control instruments.....	14,181	14,291	14,344	-0.8	-0.4	-0.4	14,503	14,407	14,164	14,873	-2.5
Electrical equipment, appliances, and components.....	16,324	16,352	16,463	-0.2	-0.7	-0.7	16,179	16,373	16,206	16,395	-1.3
Electric lighting equipment.....	1,860	1,861	1,857	-0.1	0.2	0.4	1,857	1,856	1,852	1,859	-0.1
Household appliances.....	2,126	2,115	2,119	0.5	-0.2	1.3	2,046	2,165	2,117	1,950	4.9
Electrical equipment.....	4,843	4,854	4,908	-0.2	-1.1	-1.1	4,898	4,857	4,670	5,068	-3.4
Batteries.....	1,332	1,338	1,368	-0.4	-2.2	-1.7	1,281	1,361	1,412	1,299	-1.4
Transportation equipment.....	129,583	130,522	131,125	-0.7	-0.5	-1.0	130,129	131,435	130,791	128,325	1.4
Automobiles.....	4,467	4,655	4,476	-4.0	4.0	-3.3	4,548	4,802	4,519	4,692	-3.1
Light trucks and utility vehicles.....	4,447	4,379	4,232	1.6	3.5	1.1	4,564	4,555	4,258	3,732	22.3
Heavy duty trucks.....	1,878	1,797	1,921	4.5	-6.5	-1.5	1,904	1,852	1,910	1,643	15.9
Motor vehicle bodies, parts, and trailers.....	24,717	24,728	24,773	0.0	-0.2	-1.1	24,635	24,727	24,651	24,202	1.8
Nondefense aircraft and parts.....	66,822	67,195	67,346	-0.6	-0.2	0.4	67,041	67,605	66,835	66,563	0.7
Defense aircraft and parts.....	11,932	11,873	11,953	0.5	-0.7	-6.5	11,935	11,870	11,968	12,781	-6.6
Ships and boats.....	2,123	2,165	2,099	-1.9	3.1	-6.5	2,128	2,155	2,086	2,290	-7.1
Furniture and related products.....	7,319	7,307	7,332	0.2	-0.3	0.7	7,327	7,288	7,342	6,873	6.6
Miscellaneous durable goods.....	22,925	22,874	22,880	0.2	0.0	0.1	23,142	23,126	22,993	22,621	2.3
Nondurable goods industries.....	245,974	246,309	246,102	-0.1	0.1	-0.4	245,932	249,731	246,826	259,773	-5.3
Food products.....	53,225	53,413	53,537	-0.4	-0.2	0.5	55,518	56,951	54,312	55,547	-0.1
Grain and oilseed milling.....	5,958	5,933	5,913	0.4	0.3	0.2	6,357	6,355	5,671	6,539	-2.8
Dairy products.....	8,197	8,188	8,253	0.1	-0.8	2.5	7,877	8,187	8,284	8,321	-5.3
Meat, poultry, and seafood products.....	8,988	9,206	9,200	-2.4	0.1	-1.2	9,208	9,539	9,193	9,815	-6.2
Beverage and tobacco products.....	19,895	19,779	20,103	0.6	-1.6	-0.1	20,330	20,539	20,084	20,215	0.6
Beverages.....	15,697	15,573	15,885	0.8	-2.0	0.0	15,985	16,253	16,023	15,917	0.4
Tobacco.....	4,198	4,206	4,218	-0.2	-0.3	-0.8	4,345	4,286	4,061	4,298	1.1
Textile mills.....	3,249	3,263	3,285	-0.4	-0.7	0.4	3,226	3,256	3,288	3,253	-0.8
Textile products.....	3,014	2,997	3,002	0.6	-0.2	0.8	2,980	2,990	3,011	2,975	0.2
Apparel.....	2,748	2,698	2,646	1.9	2.0	0.6	2,658	2,771	2,763	2,352	13.0
Leather and allied products.....	861	861	856	0.0	0.6	-1.0	867	869	876	882	-1.7
Paper products.....	16,598	16,644	16,684	-0.3	-0.2	0.0	16,481	16,491	16,695	16,486	0.0
Pulp, paper, and paperboard mills.....	7,323	7,324	7,377	0.0	-0.7	0.0	7,251	7,187	7,309	6,557	10.6
Paperboard containers.....	4,652	4,693	4,680	-0.9	0.3	-0.1	4,608	4,675	4,695	5,332	-13.6
Printing.....	5,945	5,877	5,782	1.2	1.6	1.0	5,903	6,118	5,972	5,558	6.2
Petroleum and coal products.....	33,799	34,125	33,611	-1.0	1.5	-2.6	33,183	34,708	34,099	45,789	-27.5
Petroleum refineries.....	29,258	29,528	28,857	-0.9	2.3	-3.2	28,734	30,274	29,488	40,962	-29.9
Chemical products.....	82,248	82,323	82,087	-0.1	0.3	-0.3	80,781	81,075	81,361	82,091	-1.6
Pesticides, fertilizers, and other agricultural chemicals.....	4,698	4,665	4,731	0.7	-1.4	0.0	4,613	4,432	4,427	4,776	-3.4
Pharmaceuticals and medicines.....	33,212	33,042	32,556	0.5	1.5	0.4	32,518	32,609	32,230	30,351	7.1
Paints, coatings, and adhesives.....	3,675	3,710	3,741	-0.9	-0.8	1.2	3,542	3,570	3,631	3,635	-2.6
Plastics and rubber products.....	24,392	24,329	24,509	0.3	-0.7	-0.3	24,005	23,963	24,365	24,625	-2.5

^b Preliminary ^c 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.

See note at end of Table 2 relating to survey error and revision.

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. 2015 ^p	Oct. 2015 ^r	Sep. 2015	Oct. - Nov.	Sep. - Oct.	Aug. - Sep.	Nov. 2015 ^p	Oct. 2015 ^r	Sep. 2015	Nov. 2014	2015 ^p	2014	
SHIPMENTS													
All manufacturing industries.....	475,313	474,362	477,659	0.2	-0.7	-0.3	457,503	485,943	497,893	471,921	5,279,072	5,511,388	-4.2
Construction materials and supplies.....	46,544	46,457	46,438	0.2	0.0	0.5	43,407	49,368	49,104	42,901	514,949	515,962	-0.2
Information technology.....	24,173	24,265	24,304	-0.4	-0.2	0.6	23,327	23,180	27,581	22,457	259,736	251,501	3.3
Computers and related products.....	1,945	2,028	1,965	-4.1	3.2	-2.5	1,670	1,691	2,447	1,702	21,784	23,470	-7.2
Motor vehicle and parts.....	52,351	51,596	53,151	1.5	-2.9	0.7	50,163	55,736	55,722	44,756	568,151	517,841	9.7
Capital goods.....	89,969	89,085	90,484	1.0	-1.5	0.3	86,120	87,723	98,006	83,411	969,822	949,255	2.2
Nondefense capital goods ³	80,175	78,454	79,949	2.2	-1.9	-0.4	75,939	77,302	86,392	73,188	862,086	845,764	1.9
Excluding aircraft.....	68,718	69,162	69,842	-0.6	-1.0	0.8	64,990	68,955	74,507	65,069	756,160	755,545	0.1
Defense capital goods ⁴	9,794	10,631	10,535	-7.9	0.9	5.4	10,181	10,421	11,614	10,223	107,736	103,491	4.1
Consumer goods.....	187,384	187,518	188,562	-0.1	-0.6	-0.7	184,421	194,291	194,763	199,187	2,103,431	2,318,298	-9.3
Consumer durable goods.....	36,552	35,813	36,922	2.1	-3.0	1.2	35,364	37,878	39,301	32,306	393,988	371,028	6.2
Consumer nondurable goods.....	150,832	151,705	151,640	-0.6	0.0	-1.2	149,057	156,413	155,462	166,881	1,709,443	1,947,270	-12.2
NEW ORDERS													
All manufacturing industries ⁵	472,203	473,262	467,064	-0.2	1.3	-0.8	453,768	480,185	487,375	470,093	5,191,580	5,568,203	-6.8
Construction materials and supplies.....	46,476	46,065	46,133	0.9	-0.1	0.2	42,645	48,573	48,800	42,717	514,405	522,969	-1.6
Information technology.....	24,771	24,331	24,478	1.8	-0.6	-0.9	22,521	23,007	28,493	22,403	264,203	262,076	0.8
Computers and related products.....	2,031	2,056	1,953	-1.2	5.3	-2.6	1,756	1,719	2,435	1,756	21,994	23,973	-8.3
Motor vehicle and parts.....	52,198	51,603	53,208	1.2	-3.0	1.0	50,594	55,435	55,689	45,991	567,231	520,131	9.1
Capital goods.....	91,176	92,070	83,043	-1.0	10.9	-4.3	87,408	86,883	89,507	86,265	941,525	1,044,323	-9.8
Nondefense capital goods ³	77,154	82,332	73,509	-6.3	12.0	-6.0	74,745	79,037	78,475	79,113	841,267	941,931	-10.7
Excluding aircraft.....	69,344	69,584	69,186	-0.3	0.6	0.5	64,018	68,717	73,193	64,589	752,938	781,017	-3.6
Defense capital goods ⁴	14,022	9,738	9,534	44.0	2.1	10.7	12,663	7,846	11,032	7,152	100,258	102,392	-2.1
Consumer goods.....	187,397	187,588	188,548	-0.1	-0.5	-0.8	184,596	194,389	194,790	199,367	2,103,453	2,318,823	-9.3
Consumer durable goods.....	36,565	35,883	36,908	1.9	-2.8	1.1	35,539	37,976	39,328	32,486	394,010	371,553	6.0
Consumer nondurable goods.....	150,832	151,705	151,640	-0.6	0.0	-1.2	149,057	156,413	155,462	166,881	1,709,443	1,947,270	-12.2
UNFILLED ORDERS													
All manufacturing industries ⁵	1,193,878	1,192,009	1,188,439	0.2	0.3	-0.5	1,181,252	1,179,636	1,179,861	1,208,368	(X)	(X)	-2.2
Construction materials and supplies.....	54,051	54,119	54,511	-0.1	-0.7	-0.6	53,098	53,860	54,655	54,557	(X)	(X)	-2.7
Information technology.....	136,514	135,916	135,850	0.4	0.0	0.1	134,684	135,490	135,663	129,262	(X)	(X)	4.2
Computers and related products.....	2,682	2,596	2,568	3.3	1.1	-0.5	2,682	2,596	2,568	2,492	(X)	(X)	7.6
Motor vehicle and parts.....	21,547	21,700	21,693	-0.7	0.0	0.3	21,110	20,679	20,980	21,210	(X)	(X)	-0.5
Capital goods.....	905,468	904,261	901,276	0.1	0.3	-0.8	895,937	894,649	895,489	918,326	(X)	(X)	-2.4
Nondefense capital goods ³	754,266	757,287	753,409	-0.4	0.5	-0.8	748,175	749,369	747,634	762,934	(X)	(X)	-1.9
Excluding aircraft.....	246,531	245,905	245,483	0.3	0.2	-0.3	243,144	244,116	244,354	246,997	(X)	(X)	-1.6
Defense capital goods ⁴	151,202	146,974	147,867	2.9	-0.6	-0.7	147,762	145,280	147,855	155,392	(X)	(X)	-4.9
Consumer goods.....	5,328	5,315	5,245	0.2	1.3	-0.3	5,285	5,110	5,012	5,112	(X)	(X)	3.4
Consumer durable goods.....	5,328	5,315	5,245	0.2	1.3	-0.3	5,285	5,110	5,012	5,112	(X)	(X)	3.4
TOTAL INVENTORIES													
All manufacturing industries.....	641,307	642,969	644,149	-0.3	-0.2	-0.5	641,725	647,063	643,155	657,044	(X)	(X)	-2.3
Construction materials and supplies.....	65,052	65,031	65,349	0.0	-0.5	-0.1	63,884	63,983	64,557	63,682	(X)	(X)	0.3
Information technology.....	38,034	38,169	38,329	-0.4	-0.4	-1.4	38,599	38,536	38,033	39,664	(X)	(X)	-2.7
Computers and related products.....	3,437	3,407	3,429	0.9	-0.6	-4.6	3,579	3,506	3,416	4,078	(X)	(X)	-12.2
Motor vehicle and parts.....	35,509	35,559	35,402	-0.1	0.4	-1.2	35,651	35,936	35,338	34,269	(X)	(X)	4.0
Capital goods.....	195,677	196,815	197,948	-0.6	-0.6	-0.8	197,368	197,984	197,178	199,429	(X)	(X)	-1.0
Nondefense capital goods ³	174,286	174,980	175,447	-0.4	-0.3	-0.3	175,968	176,200	174,629	178,556	(X)	(X)	-1.4
Excluding aircraft.....	118,896	119,039	119,598	-0.1	-0.5	-0.5	120,410	119,888	119,263	122,834	(X)	(X)	-2.0
Defense capital goods ⁴	21,391	21,835	22,501	-2.0	-3.0	-4.7	21,400	21,784	22,549	20,873	(X)	(X)	2.5
Consumer goods.....	186,191	186,385	185,295	-0.1	0.6	-0.3	187,895	191,518	186,621	195,216	(X)	(X)	-3.8
Consumer durable goods.....	29,895	29,957	29,493	-0.2	1.6	-0.2	30,215	30,506	29,604	28,378	(X)	(X)	6.5
Consumer nondurable goods.....	156,296	156,428	155,802	-0.1	0.4	-0.3	157,680	161,012	157,017	166,838	(X)	(X)	-5.5

X Not Applicable ⁵ Preliminary ⁷ 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.

See note at end of Table 2 relating to survey error and revision.

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
	Nov. 2015 ^p	Oct. 2015 ^f	Sep. 2015	Oct. - Nov.	Sep. - Oct.	Aug. - Sep.	Nov. 2015 ^p	Oct. 2015 ^f	Sep. 2015	Nov. 2014	Nov. 2015/ 2014
MATERIALS AND SUPPLIES											
All manufacturing industries.....	211,776	212,379	212,422	-0.3	0.0	-0.5	211,067	212,913	211,943	217,533	-3.0
Durable goods industries.....	131,530	132,208	132,341	-0.5	-0.1	-0.7	131,475	132,351	132,354	133,411	-1.5
Wood products.....	4,405	4,429	4,459	-0.5	-0.7	-0.2	4,523	4,581	4,538	4,415	2.4
Nonmetallic mineral products.....	4,972	4,925	4,972	1.0	-0.9	-0.7	4,913	4,898	4,969	4,785	2.7
Primary metals.....	13,816	13,811	13,883	0.0	-0.5	0.1	13,959	13,934	13,995	15,265	-8.6
Fabricated metal products.....	17,732	17,675	17,485	0.3	1.1	-0.4	17,511	17,522	17,493	17,666	-0.9
Machinery.....	25,559	25,844	25,923	-1.1	-0.3	-0.3	25,501	25,847	25,913	25,870	-1.4
Computers and electronic products.....	18,459	18,611	18,667	-0.8	-0.3	-1.3	18,530	18,734	18,570	18,442	0.5
Electrical equipment, appliances, and components.....	6,450	6,447	6,485	0.0	-0.6	-1.1	6,389	6,379	6,358	6,598	-3.2
Transportation equipment.....	28,675	28,981	28,977	-1.1	0.0	-1.2	28,732	28,990	29,022	29,162	-1.5
Furniture and related products.....	3,785	3,819	3,806	-0.9	0.3	0.2	3,758	3,796	3,808	3,516	6.9
Miscellaneous products.....	7,677	7,666	7,684	0.1	-0.2	-0.3	7,659	7,670	7,688	7,692	-0.4
Nondurable goods industries.....	80,246	80,171	80,081	0.1	0.1	-0.3	79,592	80,562	79,589	84,122	-5.4
Food products.....	17,918	17,884	18,019	0.2	-0.7	0.3	18,502	18,813	17,773	18,854	-1.9
Beverage and tobacco products.....	5,166	5,150	5,150	0.3	0.0	0.9	5,180	5,175	5,000	5,174	0.1
Textiles.....	1,185	1,192	1,194	-0.6	-0.2	-0.3	1,173	1,182	1,196	1,152	1.8
Textile products.....	1,135	1,132	1,136	0.3	-0.4	0.8	1,119	1,121	1,137	1,185	-5.6
Apparel.....	904	910	900	-0.7	1.1	1.7	882	934	918	711	24.1
Leather and allied products.....	254	256	257	-0.8	-0.4	1.6	254	257	264	256	-0.8
Paper products.....	8,650	8,565	8,563	1.0	0.0	0.0	8,590	8,417	8,607	8,348	2.9
Printing.....	2,754	2,760	2,749	-0.2	0.4	-0.2	2,739	2,792	2,808	2,731	0.3
Petroleum and coal products.....	7,937	8,082	7,755	-1.8	4.2	1.0	7,526	8,188	7,646	10,368	-27.4
Chemical products.....	24,566	24,520	24,603	0.2	-0.3	-1.4	24,049	24,136	24,478	25,385	-5.3
Plastics and rubber products.....	9,777	9,720	9,755	0.6	-0.4	-0.7	9,578	9,547	9,762	9,958	-3.8
WORK IN PROCESS											
All manufacturing industries.....	200,558	201,925	203,698	-0.7	-0.9	-1.1	201,464	204,438	201,884	207,183	-2.8
Durable goods industries.....	153,761	154,733	156,703	-0.6	-1.3	-0.8	154,017	155,525	155,819	154,911	-0.6
Wood products.....	2,343	2,342	2,319	0.0	1.0	-0.8	2,322	2,328	2,302	2,146	8.2
Nonmetallic mineral products.....	1,521	1,489	1,478	2.1	0.7	-1.7	1,441	1,423	1,451	1,349	6.8
Primary metals.....	10,598	10,814	10,987	-2.0	-1.6	-2.2	10,542	10,770	10,897	11,852	-11.1
Fabricated metal products.....	13,012	13,047	13,057	-0.3	-0.1	0.5	13,031	13,094	13,015	13,203	-1.3
Machinery.....	19,343	19,074	19,494	1.4	-2.2	-1.3	19,936	19,457	19,578	20,685	-3.6
Computers and electronic products.....	14,797	15,098	15,293	-2.0	-1.3	-0.9	14,747	15,253	15,056	14,631	0.8
Electrical equipment, appliances, and components.....	3,689	3,734	3,840	-1.2	-2.8	-0.9	3,678	3,745	3,794	3,975	-7.5
Transportation equipment.....	83,440	84,202	85,207	-0.9	-1.2	-0.8	83,288	84,509	84,641	82,497	1.0
Furniture and related products.....	1,062	1,026	1,047	3.5	-2.0	1.5	1,055	1,020	1,047	1,000	5.5
Miscellaneous products.....	3,956	3,907	3,981	1.3	-1.9	0.7	3,977	3,926	4,038	3,573	11.3
Nondurable goods industries.....	46,797	47,192	46,995	-0.8	0.4	-1.8	47,447	48,913	46,065	52,272	-9.2
Food products.....	5,739	5,716	5,707	0.4	0.2	-2.5	6,682	6,842	5,162	6,124	9.1
Beverage and tobacco products.....	7,069	7,061	7,327	0.1	-3.6	-1.0	7,560	7,640	7,247	7,525	0.5
Textiles.....	762	770	766	-1.0	0.5	0.5	763	774	774	804	-5.1
Textile products.....	459	460	458	-0.2	0.4	-0.2	457	462	466	439	4.1
Apparel.....	326	318	318	2.5	0.0	-1.9	305	322	330	323	-5.6
Leather and allied products.....	104	103	106	1.0	-2.8	-2.8	105	104	106	92	14.1
Paper products.....	1,304	1,309	1,345	-0.4	-2.7	-0.7	1,278	1,302	1,353	1,286	-0.6
Printing.....	1,486	1,449	1,415	2.6	2.4	3.1	1,478	1,589	1,475	1,224	20.8
Petroleum and coal products.....	8,310	8,856	8,928	-6.2	-0.8	-5.2	8,125	9,246	9,003	14,087	-42.3
Chemical products.....	18,566	18,467	17,919	0.5	3.1	-1.1	18,058	17,995	17,469	17,733	1.8
Plastics and rubber products.....	2,672	2,683	2,706	-0.4	-0.8	0.1	2,636	2,637	2,680	2,635	0.0
FINISHED GOODS											
All manufacturing industries.....	228,973	228,665	228,029	0.1	0.3	0.0	229,194	229,712	229,328	232,328	-1.3
Durable goods industries.....	110,042	109,719	109,003	0.3	0.7	-0.3	110,301	109,456	108,156	108,949	1.2
Wood products.....	4,507	4,439	4,416	1.5	0.5	0.6	4,387	4,235	4,207	4,183	4.9
Nonmetallic mineral products.....	6,599	6,525	6,514	1.1	0.2	0.4	6,321	6,240	6,335	6,448	-2.0
Primary metals.....	10,832	11,033	11,152	-1.8	-1.1	-1.4	10,534	10,726	11,060	11,992	-12.2
Fabricated metal products.....	18,369	18,349	18,489	0.1	-0.8	0.6	18,022	17,983	18,090	17,306	4.1
Machinery.....	20,974	21,008	20,697	-0.2	1.5	0.6	20,995	20,761	20,460	20,842	0.7
Computers and electronic products.....	11,344	11,092	10,962	2.3	1.2	-2.2	11,801	11,324	11,068	11,977	-1.5
Electrical equipment, appliances, and components.....	6,185	6,171	6,138	0.2	0.5	-0.2	6,112	6,249	6,054	5,822	5.0
Transportation equipment.....	17,468	17,339	16,941	0.7	2.3	-1.2	18,109	17,936	17,128	16,666	8.7
Furniture and related products.....	2,472	2,462	2,479	0.4	-0.7	1.1	2,514	2,472	2,487	2,357	6.7
Miscellaneous products.....	11,292	11,301	11,215	-0.1	0.8	0.2	11,506	11,530	11,267	11,356	1.3
Nondurable goods industries.....	118,931	118,946	119,026	0.0	-0.1	0.2	118,893	120,256	121,172	123,379	-3.6
Food products.....	29,568	29,813	29,811	-0.8	0.0	1.3	30,334	31,296	31,377	30,569	-0.8
Beverage and tobacco products.....	7,660	7,568	7,626	1.2	-0.8	-0.1	7,590	7,724	7,837	7,516	1.0
Textiles.....	1,302	1,301	1,325	0.1	-1.8	1.0	1,290	1,300	1,318	1,297	-0.5
Textile products.....	1,420	1,405	1,408	1.1	-0.2	1.2	1,404	1,407	1,408	1,351	3.9
Apparel.....	1,518	1,470	1,428	3.3	2.9	0.5	1,471	1,515	1,515	1,318	11.6
Leather and allied products.....	503	502	493	0.2	1.8	-2.0	508	508	506	534	-4.9
Paper products.....	6,644	6,770	6,776	-1.9	-0.1	0.1	6,613	6,772	6,735	6,852	-3.5
Printing.....	1,705	1,668	1,618	2.2	3.1	1.2	1,686	1,737	1,689	1,603	5.2
Petroleum and coal products.....	17,552	17,187	16,928	2.1	1.5	-2.7	17,532	17,274	17,450	21,334	-17.8
Chemical products.....	39,116	39,336	39,565	-0.6	-0.6	0.8	38,674	38,944	39,414	38,973	-0.8
Plastics and rubber products.....	11,943	11,926	12,048	0.1	-1.0	-0.2	11,791	11,779	11,923	12,032	-2.0

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

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

See note at end of Table 2 relating to survey error and revisions.

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 2015 ³	Oct 2015 ¹	Sep 2015	Aug 2015	Nov 2015 ³	Oct 2015 ¹	Sep 2015	Aug 2015
All manufacturing industries ³	1.35	1.36	1.35	1.35	(X)	(X)	(X)	(X)
Durable goods industries ³	1.64	1.65	1.64	1.66	6.92	6.96	6.86	6.89
Wood products.....	1.37	1.37	1.38	1.40	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.34	1.33	1.32	1.34	(X)	(X)	(X)	(X)
Primary metals.....	1.79	1.78	1.78	1.79	1.76	1.75	1.73	1.74
Fabricated metal products.....	1.66	1.66	1.66	1.65	2.85	2.86	2.87	2.84
Machinery.....	2.02	2.01	1.97	1.99	3.67	3.65	3.56	3.60
Computers and electronic products ³	1.48	1.50	1.51	1.54	5.87	5.84	5.84	5.88
Electrical equipment, appliances, and components.....	1.64	1.62	1.62	1.63	2.40	2.38	2.39	2.41
Transportation equipment.....	1.61	1.66	1.62	1.64	14.58	15.00	14.65	14.68
Furniture and related products.....	1.13	1.13	1.13	1.13	1.38	1.38	1.39	1.41
Miscellaneous products.....	1.56	1.57	1.60	1.60	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.05	1.05	1.05	1.04	(X)	(X)	(X)	(X)
Food products.....	0.81	0.81	0.81	0.81	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.56	1.52	1.56	1.59	(X)	(X)	(X)	(X)
Textiles.....	1.25	1.26	1.27	1.28	(X)	(X)	(X)	(X)
Textile products.....	1.52	1.52	1.53	1.53	(X)	(X)	(X)	(X)
Apparel.....	2.36	2.34	2.28	2.25	(X)	(X)	(X)	(X)
Leather and allied products.....	2.02	1.98	1.89	1.94	(X)	(X)	(X)	(X)
Paper products.....	1.03	1.03	1.04	1.04	(X)	(X)	(X)	(X)
Printing.....	0.82	0.81	0.80	0.79	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.80	0.80	0.78	0.76	(X)	(X)	(X)	(X)
Chemical products.....	1.28	1.28	1.27	1.28	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.30	1.29	1.29	1.29	(X)	(X)	(X)	(X)

X Not Applicable ³ Preliminary ¹ 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.

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 2015	Nov ³ 2014-Oct 2015	Nov ² 2015	Nov ³ 2014-Oct 2015	Nov ² 2015	Nov ³ 2014-Oct 2015	Nov ² 2015	Nov ³ 2014-Oct 2015
All manufacturing industries.....	(X)	0.2	(X)	0.4	(X)	0.1	(X)	0.1
Durable goods industries.....	-0.1	0.3	0.0	0.7	0.0	0.1	0.0	0.1
Wood products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.3
Nonmetallic mineral products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.3
Primary metals.....	0.0	0.5	-0.2	1.1	-0.2	0.5	-0.1	0.4
Fabricated metal products.....	0.1	0.3	0.2	0.4	0.1	0.1	0.0	0.1
Machinery.....	-0.2	0.7	0.1	0.8	0.1	0.1	-0.1	0.2
Computers and electronic products.....	0.2	0.3	0.6	0.6	0.2	0.1	0.1	0.3
Electrical equipment, appliances, and components.....	0.0	0.4	-0.8	1.1	-0.6	0.3	-0.2	0.3
Transportation equipment.....	-0.3	0.4	-0.4	1.3	0.0	0.1	-0.1	0.2
Furniture and related products.....	(X)	0.4	(X)	0.5	(X)	0.5	(X)	0.4
Miscellaneous products.....	(X)	0.5	(X)	0.5	(X)	0.4	(X)	0.3
Nondurable goods industries.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.3
Food products.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.2
Beverage and tobacco products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.3
Textiles.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.5
Textile products.....	(X)	1.9	(X)	(NA)	(X)	(NA)	(X)	0.4
Apparel.....	(X)	1.7	(X)	(NA)	(X)	(NA)	(X)	1.0
Leather and allied products.....	(X)	1.2	(X)	(NA)	(X)	(NA)	(X)	0.5
Paper products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.2
Printing.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.5
Petroleum and coal products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	1.4
Chemical products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.2
Plastics and rubber products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.3

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.

Survey Description

This report is compiled from results of the U.S. Census Bureau's Manufacturers' Shipments, Inventories, and Orders (M3) survey, which is a voluntary survey authorized by Title 13 of the United States Code. This survey provides statistics on a calendar-month basis for manufacturers' value of shipments, new orders (net of cancellations), end-of-month order backlog (unfilled orders), end-of-month total inventory (at current cost or market value), and inventories by stage of fabrication (materials and supplies, work-in-process, and finished goods). Data published from the M3 survey are based on a panel of approximately 4,800 reporting units that represent approximately 3,000 companies and provide an indication of month-to-month change for the Manufacturing Sector. These reporting units may be divisions of diversified large companies, large homogenous companies, or single-unit manufacturers in 92 industry categories, which are combined into 65 publication levels due to the small monthly panel size. The survey methodology assumes that the month-to-month changes of the total operations of the reporting units in the M3 panel effectively represent the month-to-month movements of all establishments that make up the category.

The companies for which shipments data are currently reported or imputed in the M3 survey represent approximately 61 percent of the total value of shipments for manufacturing establishments in the 2012 Economic Census, and these companies include almost two-thirds of the manufacturing companies with \$500 million or more in shipments in the 2012 Economic Census. The companies for which shipments data are currently reported in the M3 survey represent approximately 54 percent of the total value of shipments for manufacturing establishments in the 2012 Economic Census. Statistics based on the M3 panel differ from the results that would be obtained from a complete enumeration of all manufacturing companies. The M3 panel is not based on a probability sample; therefore, the sampling errors that are normally provided with sample surveys cannot be measured. Nonsampling errors are attributable to many sources. The use of company or divisional reports to estimate the monthly change for establishments is one source of nonsampling error. The use of primarily large companies to represent the month-to-month movement of all companies is another potential source. Any corrections will be published in the full report. Corrections received after the full report will be released in the next month's advance report. Any revisions made later than two months will be reflected in the annual benchmark publication.

Additional survey documentation can be found on our web site: <http://www.census.gov/m3>.

Release Dates for the M3 Survey

Survey month	Advance Report (8:30 a.m. release time)	Full Report (10:00 a.m. release time)
October 2015	November 25, 2015	December 3, 2015
November 2015	December 23, 2015	January 6, 2016
December 2015	January 28, 2016	February 4, 2016
January 2016	February 25, 2016	March 3, 2016
February 2016	March 24, 2016	April 4, 2016
March 2016	April 26, 2016	May 4, 2016
April 2016	May 26, 2016	June 3, 2016
May 2016	June 24, 2016	July 5, 2016
June 2016	July 27, 2016	August 4, 2016
July 2016	August 25, 2016	September 2, 2016
August 2016	September 28, 2016	October 5, 2016
September 2016	October 27, 2016	November 3, 2016
October 2016	November 23, 2016	December 6, 2016
November 2016	December 22, 2016	Not available at this time

Source: <https://www.whitehouse.gov/sites/default/files/omb/inforeg/statpolicy/pfei-schedule-of-release-dates-2016.pdf>