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## Full Report on Manufacturers' Shipments, Inventories and Orders October 2014

### Summary

New orders for manufactured goods in October, down three consecutive months, decreased \$3.3 billion or 0.7 percent to \$496.6 billion, the U.S. Census Bureau reported today. This followed a 0.5 percent September decrease. Excluding transportation, new orders decreased 1.4 percent.

Shipments, down two of the last three months, decreased \$3.8 billion or 0.8 percent to \$499.2 billion. This followed a 0.1 percent September increase.

Unfilled orders, up eighteen of the last nineteen months, increased \$4.9 billion or 0.4 percent to \$1,174.2 billion. This was at the highest level since the series was first published on a NAICS basis in 1992 and followed a 0.4 percent September increase. The unfilled orders-to-shipments ratio was 6.73, up from 6.71 in September.

Inventories, up twenty-three of the last twenty-four months, increased \$0.5 billion or 0.1 percent to \$655.6 billion. This was also at the highest level since the series was first published on a NAICS basis and followed a 0.2 percent September increase. The inventories-to-shipments ratio was 1.31, up from 1.30 in September.

### New Orders

New orders for manufactured durable goods in October, up following two consecutive monthly decreases, increased \$0.6 billion or 0.3 percent to \$243.8 billion, revised from the previously published 0.4 percent increase. This followed a 0.7 percent September decrease.

Transportation equipment, also up following two consecutive monthly decreases, drove the increase, \$2.5 billion or 3.4 percent to \$76.5 billion.

New orders for manufactured nondurable goods decreased \$3.9 billion or 1.5 percent to \$252.7 billion.

### Shipments

Shipments of manufactured durable goods in October, up four of the last five months, increased \$0.1 billion or 0.1 percent to \$246.5 billion, unchanged from the previously published increase. This followed a 0.3 percent September increase.

Transportation equipment, also up four of the last five months, drove the increase, \$0.6 billion or 0.8 percent to \$73.1 billion.

Shipments of manufactured nondurable goods, down five of the last six months, decreased \$3.9 billion or 1.5 percent to \$252.7 billion. This followed a 0.2 percent September decrease. Petroleum and coal products, down four consecutive months, drove the decrease, \$4.3 billion or 6.3 percent to \$64.0 billion.

### Unfilled Orders

Unfilled orders for manufactured durable goods in October, up eighteen of the last nineteen months, increased \$4.9 billion or 0.4 percent to \$1,174.2 billion, unchanged from the previously published increase. This was at the highest level since the series was first published on a NAICS basis and followed a 0.4 percent September increase.

Transportation equipment, up thirteen of the last fourteen months, led the increase, \$3.4 billion or 0.5 percent to \$746.5 billion.

### Inventories

Inventories of manufactured durable goods in October, up eighteen of the last nineteen months, increased \$1.8 billion or 0.5 percent to \$406.6 billion, unchanged from the previously published increase. This was at the highest level since the series was first published on a NAICS basis and followed a 0.5 percent September increase.

Transportation equipment, also up eighteen of the last nineteen months, led the increase, \$0.9 billion or 0.7 percent to \$131.7 billion.

Inventories of manufactured nondurable goods, down five consecutive months, decreased \$1.3 billion or 0.5 percent to \$249.0 billion. This followed a 0.2 percent September decrease. Petroleum and coal products, also down five consecutive months, drove the decrease, \$1.5 billion or 3.3 percent to \$44.8 billion.

By stage of fabrication, October materials and supplies increased 0.4 percent in durable goods and 0.3 percent in nondurable goods. Work in process increased 0.8 percent in durable goods and decreased 3.1 percent in nondurable goods. Finished goods decreased slightly in durable goods and slightly in nondurable goods.

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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](http://www.census.gov/m3). The Advance Report on durable goods for November is scheduled for release on December 23, 2014 at 8:30 a.m. EST and the Full Report on January 6, 2015 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. The U.S. Census Bureau updated its Application Programming Interface (API) with monthly and quarterly economic indicators. The API allows developers to combine Census Bureau statistics with other data sets to create tools for research on a variety of topics.

Table 1. Value of Manufacturers' Shipments for Industry Groups<sup>1</sup>

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted						
	Monthly			Percent Change			Monthly				Year to date		% Change 2014/ 2013
	Oct. 2014 <sup>P</sup>	Sept. 2014 <sup>F</sup>	Aug. 2014	Sept. - Oct.	Aug. - Sept.	July - Aug.	Oct. 2014 <sup>P</sup>	Sept. 2014 <sup>F</sup>	Aug. 2014	Oct. 2013	2014 <sup>P</sup>	2013	
All manufacturing industries.....	499,247	503,045	502,690	-0.8	0.1	-1.1	516,611	521,182	513,910	505,684	5,018,565	4,877,127	2.9
Excluding transportation.....	426,118	430,472	430,380	-1.0	0.0	-0.3	438,507	444,106	440,349	430,967	4,305,248	4,193,761	2.7
Excluding defense.....	487,294	491,314	490,760	-0.8	0.1	-1.1	505,086	508,302	502,121	494,039	4,902,574	4,757,370	3.1
With unfilled orders.....	174,393	174,150	173,615	0.1	0.3	-0.7	178,270	184,276	175,899	166,712	1,703,028	1,613,633	5.5
Durable goods industries.....	246,522	246,379	245,532	0.1	0.3	-1.7	256,903	259,721	249,043	242,424	2,425,831	2,305,252	5.2
Wood products.....	8,265	8,317	8,385	-0.6	-0.8	-1.5	8,784	8,677	8,885	7,935	83,099	73,956	12.4
Nonmetallic mineral products.....	9,337	9,328	9,149	0.1	2.0	-0.4	10,453	10,063	10,082	9,708	92,400	86,001	7.4
Primary metals.....	27,906	27,876	27,892	0.1	0.7	0.4	28,647	28,448	28,355	26,637	274,380	256,343	7.0
Iron and steel mills.....	11,651	11,575	11,310	0.1	2.3	-0.7	11,834	11,626	11,477	11,060	112,677	107,247	5.1
Aluminum and nonferrous metals.....	14,399	14,462	14,593	-0.4	-0.9	1.3	14,909	14,861	15,101	13,856	143,673	131,833	9.0
Ferrous metal foundries.....	1,856	1,839	1,789	0.9	2.8	0.0	1,904	1,961	1,777	1,721	18,030	17,263	4.4
Fabricated metal products.....	30,385	30,515	30,268	-0.4	0.8	0.0	32,163	32,136	31,663	30,782	302,968	292,795	3.5
Machinery.....	37,040	37,156	37,017	-0.3	0.4	0.2	37,329	38,378	36,530	34,257	363,920	342,555	6.2
Farm machinery.....	1,213	1,283	1,157	-5.5	10.9	-22.9	1,030	1,038	815	1,549	17,142	20,545	-16.6
Construction machinery.....	4,675	4,644	4,680	0.7	-0.8	1.3	5,202	4,623	4,606	4,879	46,342	46,135	0.4
Mining, oil field, and gas field machinery.....	2,300	2,305	2,306	-0.2	0.0	-3.6	2,287	2,380	2,276	2,254	22,758	21,536	5.7
Industrial machinery.....	5,638	5,691	6,052	-0.9	-6.0	5.9	5,467	6,385	6,032	3,833	50,926	37,045	37.5
Photographic equipment.....	710	731	687	-2.9	6.4	-3.6	764	824	681	750	6,977	6,646	5.0
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,771	3,735	3,673	1.0	1.7	-0.8	3,547	3,941	3,905	3,403	37,754	37,091	1.8
Metalworking machinery.....	3,432	3,265	3,162	5.1	3.3	-0.5	3,645	3,490	3,063	3,360	31,905	30,169	5.8
Turbines, generators, and other power transmission equipment.....	4,135	4,358	4,301	-5.1	1.3	4.9	4,239	4,237	4,291	3,731	40,400	39,526	2.2
Material handling equipment.....	3,053	3,047	2,976	0.2	2.4	-0.9	3,266	3,111	3,071	3,121	29,905	28,337	5.5
Computers and electronic products <sup>2</sup> .....	28,969	28,939	29,590	0.1	-2.2	-1.2	29,439	31,453	28,505	28,045	287,566	273,983	5.0
Computers.....	343	349	399	-1.7	-12.5	-12.9	316	421	366	430	4,129	5,073	-18.6
Computer storage devices.....	786	806	836	-2.5	-3.6	0.2	545	1,208	665	657	8,625	9,386	-8.1
Other peripheral equipment.....	832	820	844	1.5	-2.8	-17.5	707	1,135	706	686	8,307	7,661	8.4
Nondefense communications equipment.....	3,304	3,381	3,372	-2.3	0.3	-0.3	2,995	4,099	3,294	3,214	33,403	34,662	-3.6
Defense communications equipment....	393	403	368	-2.5	9.5	-21.2	405	450	364	482	3,933	4,319	-8.9
Audio and video equipment.....	339	360	403	-5.8	-10.7	-1.2	361	332	361	366	3,463	2,489	39.1
Electronic components.....	3,699	3,681	3,574	0.5	3.0	-4.6	3,696	3,878	3,603	3,497	35,862	34,466	4.1
Nondefense search and navigation equipment.....	1,433	1,410	1,394	1.6	1.1	2.9	1,368	1,630	1,362	1,302	13,665	12,943	5.6
Defense search and navigation equipment.....	2,964	2,944	3,091	0.7	-4.8	6.9	2,924	3,200	3,038	2,851	28,570	28,344	0.8
Electromedical, measuring, and control instruments.....	6,976	7,004	7,017	-0.4	-0.2	1.5	6,452	8,028	6,558	5,883	67,167	61,680	8.9
Electrical equipment, appliances, and components.....	10,535	10,649	10,646	-1.1	0.0	0.4	10,764	11,431	10,853	10,578	104,594	103,123	1.4
Electric lighting equipment.....	873	887	896	-1.6	-1.0	1.4	911	916	876	960	8,674	8,266	4.9
Household appliances.....	1,854	1,827	1,803	1.5	1.3	-4.2	1,923	1,929	1,810	1,738	17,884	16,607	7.7
Electrical equipment.....	3,444	3,379	3,379	1.9	0.0	-0.2	3,344	3,769	3,428	3,258	34,041	33,750	0.9
Batteries.....	1,047	1,120	1,038	-6.5	7.9	3.1	1,195	1,249	1,057	1,085	10,096	9,397	7.4
Transportation equipment.....	73,129	72,573	72,310	0.8	0.4	-5.4	78,104	77,076	73,561	74,717	713,317	683,366	4.4
Automobiles.....	9,975	9,768	9,702	2.1	0.7	0.0	11,636	10,297	9,970	12,195	95,901	106,771	-10.2
Light trucks and utility vehicles.....	12,994	13,100	13,410	-0.8	-2.3	-14.2	14,682	13,793	14,016	15,264	136,679	128,220	6.6
Heavy duty trucks.....	3,038	2,961	2,813	2.6	5.3	0.9	3,194	3,121	2,803	2,426	26,935	22,764	18.3
Motor vehicle bodies, parts, and trailers.....	21,800	21,539	21,330	1.2	1.0	-6.0	24,101	22,119	22,095	21,827	215,107	196,933	9.2
Nondefense aircraft and parts.....	13,155	13,414	13,192	-1.9	1.7	-1.5	12,567	14,682	12,816	11,448	121,141	109,461	10.7
Defense aircraft and parts.....	4,540	4,526	4,362	0.3	3.8	-4.3	4,289	5,021	4,309	4,467	44,359	46,188	-4.0
Ships and boats.....	2,445	2,426	2,406	0.8	0.8	-1.5	2,480	2,494	2,369	2,479	23,720	24,312	-2.4
Furniture and related products.....	5,947	5,866	5,855	1.4	0.2	1.0	5,967	6,073	6,333	5,631	57,889	56,215	3.0
Miscellaneous durable goods.....	15,009	15,160	14,620	-1.0	3.7	0.5	15,253	15,986	14,276	14,134	145,698	136,915	6.4
Nondurable goods industries.....	252,725	256,666	257,158	-1.5	-0.2	-0.4	259,708	261,461	264,867	263,260	2,592,734	2,571,875	0.8
Food products.....	67,375	66,595	66,345	1.2	0.4	0.3	70,962	67,938	66,820	66,285	656,885	618,587	6.2
Grain and oilseed milling.....	7,792	7,779	7,650	0.2	1.7	0.0	8,699	7,928	7,737	8,904	77,034	80,362	-4.1
Dairy products.....	10,143	9,950	9,779	1.9	1.7	0.1	10,428	10,081	9,843	8,751	96,967	84,810	14.3
Meat, poultry, and seafood products...	20,539	20,491	20,392	0.2	0.5	-0.5	21,085	20,662	20,745	19,497	200,916	180,748	11.2
Beverage and tobacco products.....	12,200	12,091	12,052	0.9	0.3	-1.6	12,172	12,408	12,355	12,295	119,730	120,315	-0.5
Beverages.....	8,697	8,769	8,679	-0.8	1.0	-0.1	8,669	9,086	8,982	8,724	87,207	87,279	-0.1
Tobacco.....	3,503	3,322	3,373	5.4	-1.5	-5.3	3,503	3,322	3,373	3,571	32,523	33,036	-1.6
Textile mills.....	2,654	2,673	2,661	-0.7	0.5	-2.3	2,747	2,750	2,787	2,765	27,232	26,747	1.8
Textile products.....	2,071	2,040	2,096	1.5	-2.7	1.1	2,111	2,041	2,210	2,144	20,845	20,893	-0.2
Apparel.....	1,268	1,231	1,169	3.0	5.3	-5.8	1,525	1,309	1,274	1,339	11,943	11,117	7.4
Leather and allied products.....	505	487	499	3.7	-2.4	0.4	531	490	514	498	4,980	4,821	3.3
Paper products.....	14,489	14,437	14,460	0.4	-0.2	-0.3	15,054	14,873	14,886	14,860	145,315	143,662	1.2
Pulp, paper, and paperboard mills.....	6,696	6,743	6,797	-0.7	-0.8	-0.6	6,858	6,982	7,032	6,823	67,920	67,141	1.2
Paperboard containers.....	4,517	4,482	4,464	0.8	0.4	0.2	4,786	4,584	4,573	4,636	44,902	43,875	2.3
Printing.....	6,601	6,537	6,464	1.0	1.1	-1.3	7,124	6,841	6,524	6,850	64,866	64,948	-0.1
Petroleum and coal products.....	63,995	68,314	69,159	-6.3	-1.2	-1.6	64,985	69,394	74,379	71,920	712,911	729,185	-2.2
Petroleum refineries.....	60,294	64,489	65,440	-6.5	-1.5	-1.8	60,828	64,952	69,941	68,031	675,272	693,051	-2.6
Chemical products.....	62,486	63,211	63,223	-1.1	0.0	0.3	62,589	64,103	63,557	64,697	635,434	643,819	-1.3
Pesticides, fertilizers, and other agricultural chemicals.....	2,799	2,757	2,797	1.5	-1.4	-5.0	2,160	2,423	2,248	2,023	28,933	27,473	5.3
Pharmaceuticals and medicines.....	13,932	14,461	14,445	-3.7	0.1	1.0	14,542	14,706	14,289	16,783	147,108	155,615	-5.5
Paints, coatings, and adhesives.....	3,070	3,082	3,093	-0.4	-0.4	-0.1	3,160	3,102	3,248	3,179	31,862	31,521	1.1
Plastics and rubber products.....	19,081	19,050	19,030	0.2	0.1	0.0	19,908	19,314	19,561	19,607	192,593	187,781	2.6

<sup>P</sup> Preliminary<sup>F</sup> Revised data due to late receipts and concurrent seasonal adjustment.

<sup>1</sup> 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.

<sup>2</sup> Estimates and percent changes of shipments for the semiconductor industry are no longer shown separately, but are included in computers and electronic products, and all other applicable aggregate totals.

Table 2. Value of Manufacturers' New Orders for Industry Groups<sup>1</sup>

[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. 2014 <sup>P</sup>	Sept. 2014 <sup>f</sup>	Aug. 2014	Sept. - Oct.	Aug. - Sept.	July - Aug.	Oct. 2014 <sup>P</sup>	Sept. 2014 <sup>f</sup>	Aug. 2014	Oct. 2013	2014 <sup>P</sup>	2013	% Change 2014/2013
All manufacturing industries <sup>2</sup> .....	496,563	499,866	502,159	-0.7	-0.5	-10.0	506,385	518,706	503,695	497,237	5,040,337	4,848,048	4.0
Excluding transportation <sup>2</sup> .....	420,076	425,904	425,868	-1.4	0.0	0.0	429,373	438,821	431,634	423,060	4,256,683	4,147,659	2.6
Excluding defense <sup>2</sup> .....	482,994	488,675	491,570	-1.2	-0.6	-10.3	494,348	506,324	495,519	488,108	4,927,086	4,744,314	3.9
With unfilled orders <sup>2</sup> .....	179,326	178,494	181,084	0.5	-1.4	-22.3	177,364	188,582	173,557	166,485	1,802,315	1,654,342	8.9
Durable goods industries <sup>2</sup> .....	243,838	243,200	245,001	0.3	-0.7	-18.3	246,677	257,245	238,828	233,977	2,447,603	2,276,173	7.5
Primary metals.....	27,992	28,681	27,972	-2.4	2.5	0.3	28,608	28,485	27,599	27,244	276,996	259,166	6.9
Iron and steel mills.....	11,739	12,055	11,346	-2.6	6.2	-0.7	11,583	11,543	10,760	11,164	113,904	108,615	4.9
Aluminum and nonferrous metals.....	14,308	14,651	14,708	-2.3	-0.4	0.1	15,038	14,971	14,921	14,385	144,588	133,470	8.3
Ferrous metal foundries.....	1,945	1,975	1,918	-1.5	3.0	7.7	1,987	1,971	1,918	1,695	18,504	17,081	8.3
Fabricated metal products.....	30,852	30,926	30,612	-0.2	1.0	-0.2	31,407	31,768	31,344	28,587	305,248	300,772	1.5
Machinery.....	36,556	37,086	38,226	-1.4	-3.0	1.2	36,479	38,052	37,015	34,944	374,990	348,235	7.7
Construction machinery.....	4,443	4,532	5,125	-2.0	-11.6	5.4	4,721	4,419	4,929	5,042	50,649	46,451	9.0
Mining, oil field, and gas field machinery.....	2,008	2,407	2,520	-16.6	-4.5	17.3	2,091	2,504	2,300	2,956	22,884	24,134	-5.2
Industrial machinery.....	5,669	5,883	6,045	-3.6	-2.7	6.4	5,547	6,407	5,867	4,006	51,184	37,743	35.6
Photographic equipment.....	670	398	765	68.3	-48.0	6.3	666	509	788	673	6,527	7,469	-12.6
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,935	3,929	4,039	0.2	-2.7	7.1	3,695	4,238	4,123	3,473	39,180	37,156	5.4
Metalworking machinery.....	3,294	3,053	3,334	7.9	-8.4	0.6	3,548	3,287	3,198	3,399	31,893	30,141	5.8
Turbines, generators, and other power transmission equipment.....	4,025	4,448	4,025	-9.5	10.5	-12.6	4,012	4,317	3,874	3,414	43,053	40,514	6.3
Material handling equipment.....	3,260	3,112	3,214	4.8	-3.2	-0.4	3,190	3,190	3,262	2,898	31,225	28,497	9.6
Computers and electronic products <sup>2</sup> .....	22,406	22,425	22,894	-0.1	-2.0	1.7	21,334	26,422	20,897	20,775	218,956	209,892	4.3
Computers.....	427	489	476	-12.7	2.7	-18.8	400	561	443	454	4,876	5,202	-6.3
Nondefense communications equipment.....	3,405	3,173	3,761	7.3	-15.6	-1.5	3,257	4,010	3,611	3,714	36,531	39,245	-6.9
Defense communications equipment.....	387	330	475	17.3	-30.5	30.9	334	420	466	286	3,593	3,676	-2.3
Electronic components.....	3,730	3,658	3,585	2.0	2.0	-4.2	3,756	3,742	3,685	3,656	36,174	34,776	4.0
Nondefense search and navigation equipment.....	1,848	1,873	1,834	-1.3	2.1	6.1	1,888	2,125	1,659	1,713	17,776	16,325	8.9
Defense search and navigation equipment.....	3,193	3,419	3,032	-6.6	12.8	11.0	3,194	3,989	2,525	2,873	28,480	25,775	10.5
Electromedical, measuring, and control instruments.....	7,176	7,239	7,356	-0.9	-1.6	5.6	6,542	8,610	6,461	5,913	68,204	62,185	9.7
Electrical equipment, appliances, and components.....	10,881	11,285	10,913	-3.6	3.4	3.1	11,249	11,601	10,795	10,891	107,722	104,322	3.3
Electric lighting equipment.....	901	888	888	1.5	0.0	-1.1	935	923	872	916	8,732	8,269	5.6
Household appliances.....	1,846	1,853	1,837	-0.4	0.9	-1.7	1,942	2,000	1,786	1,770	18,032	16,682	8.1
Electrical equipment.....	3,632	3,612	3,457	0.6	4.5	-1.8	3,621	3,672	3,370	3,410	35,262	34,276	2.9
Transportation equipment.....	76,487	73,962	76,291	3.4	-3.1	-42.4	77,012	79,885	72,061	74,177	783,654	700,389	11.9
Motor vehicle bodies, parts, and trailers.....	21,813	21,675	21,656	0.6	0.1	-5.0	23,835	22,286	22,497	21,538	215,406	196,018	9.9
Nondefense aircraft and parts.....	15,270	15,282	18,192	-0.1	-16.0	-74.0	11,330	18,307	13,998	13,655	192,243	143,240	34.2
Defense aircraft and parts.....	5,355	3,686	3,806	45.3	-3.2	-4.7	5,331	3,994	2,711	3,990	42,365	39,001	8.6
Ships and boats.....	2,359	2,171	2,314	8.7	-6.2	-5.3	1,796	1,971	1,959	1,529	24,742	19,022	30.1
Furniture and related products.....	6,005	6,018	5,946	-0.2	1.2	2.5	6,050	6,294	5,881	5,523	58,851	56,500	4.2
Nondurable goods industries.....	252,725	256,666	257,158	-1.5	-0.2	-0.4	259,708	261,461	264,867	263,260	2,592,734	2,571,875	0.8

<sup>P</sup> Preliminary<sup>f</sup> Revised data due to late receipts and concurrent seasonal adjustment.

<sup>1</sup> 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.

<sup>2</sup> 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 Groups<sup>1</sup>**

[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 Oct. 2014/ 2013
	Monthly			Percent Change			Monthly				
	Oct. 2014 <sup>p</sup>	Sept. 2014 <sup>r</sup>	Aug. 2014	Sept. - Oct.	Aug. - Sept.	July - Aug.	Oct. 2014 <sup>p</sup>	Sept. 2014 <sup>r</sup>	Aug. 2014	Oct. 2013	
All manufacturing industries <sup>2</sup> .....	1,174,206	1,169,273	1,164,929	0.4	0.4	0.6	1,159,565	1,160,471	1,156,165	1,031,573	12.4
Excluding transportation <sup>2</sup> .....	427,726	426,151	423,196	0.4	0.7	0.8	422,787	422,601	421,104	395,021	7.0
Excluding defense <sup>2</sup> .....	984,193	980,876	975,992	0.3	0.5	0.9	971,401	972,819	968,015	837,242	16.0
Durable goods industries <sup>2</sup> .....	1,174,206	1,169,273	1,164,929	0.4	0.4	0.6	1,159,565	1,160,471	1,156,165	1,031,573	12.4
Primary metals.....	40,404	40,318	39,513	0.2	2.0	0.7	38,669	38,708	38,671	34,950	10.6
Iron and steel mills.....	20,424	20,336	19,856	0.4	2.4	0.2	18,944	19,195	19,278	17,067	11.0
Aluminum and nonferrous metals.....	15,341	15,432	15,243	-0.6	1.2	0.8	15,234	15,105	14,995	13,952	9.2
Ferrous metal foundries.....	4,639	4,550	4,414	2.0	3.1	3.0	4,491	4,408	4,398	3,931	14.2
Fabricated metal products.....	87,621	87,154	86,743	0.5	0.5	0.4	86,077	86,833	87,201	86,929	-1.0
Machinery.....	120,011	120,495	120,565	-0.4	-0.1	1.0	118,817	119,667	119,993	107,470	10.6
Construction machinery.....	16,426	16,658	16,770	-1.4	-0.7	2.7	15,667	16,148	16,352	10,257	52.7
Mining, oil field, and gas field machinery.....	13,951	14,243	14,141	-2.1	0.7	1.5	14,118	14,314	14,190	14,918	-5.4
Industrial machinery.....	8,821	8,790	8,598	0.4	2.2	-0.1	8,737	8,657	8,635	8,027	8.8
Photographic equipment.....	3,502	3,542	3,875	-1.1	-8.6	2.1	3,529	3,627	3,942	4,131	-14.6
Ventilation, heating, air-conditioning, and refrigeration equipment.....	6,968	6,804	6,610	2.4	2.9	5.9	6,855	6,707	6,410	5,276	29.9
Metalworking machinery.....	5,849	5,987	6,199	-2.3	-3.4	2.9	5,813	5,910	6,113	5,853	-0.7
Turbines, generators, and other power transmission equipment.....	29,088	29,198	29,108	-0.4	0.3	-0.9	28,862	29,089	29,009	26,534	8.8
Material handling equipment.....	12,035	11,828	11,763	1.8	0.6	2.1	11,738	11,814	11,735	10,140	15.8
Computers and electronic products <sup>2</sup> .....	145,912	144,858	143,849	0.7	0.7	0.9	145,876	144,661	142,910	136,359	7.0
Computers.....	4,136	4,052	3,912	2.1	3.6	2.0	4,136	4,052	3,912	3,356	23.2
Nondefense communications equipment.....	34,907	34,806	35,014	0.3	-0.6	1.1	34,920	34,658	34,747	30,539	14.3
Defense communications equipment.....	3,432	3,438	3,511	-0.2	-2.1	3.1	3,395	3,466	3,496	3,831	-11.4
Electronic components.....	12,881	12,850	12,873	0.2	-0.2	0.1	12,879	12,819	12,955	12,835	0.3
Nondefense search and navigation equipment.....	21,672	21,257	20,794	2.0	2.2	2.2	21,856	21,336	20,841	17,602	24.2
Defense search and navigation equipment.....	41,873	41,644	41,169	0.5	1.2	-0.1	41,854	41,584	40,795	42,602	-1.8
Electromedical, measuring, and control instruments.....	27,011	26,811	26,576	0.7	0.9	1.3	26,836	26,746	26,164	25,594	4.9
Electrical equipment, appliances, and components.....	25,790	25,444	24,808	1.4	2.6	1.1	25,418	24,933	24,763	22,173	14.6
Electric lighting equipment.....	1,175	1,147	1,146	2.4	0.1	-0.7	1,189	1,165	1,158	1,185	0.3
Household appliances.....	917	925	899	-0.9	2.9	3.9	907	888	817	746	21.6
Electrical equipment.....	12,650	12,462	12,229	1.5	1.9	0.6	12,475	12,198	12,295	11,348	9.9
Transportation equipment.....	746,480	743,122	741,733	0.5	0.2	0.5	736,778	737,870	735,061	636,552	15.7
Motor vehicle bodies, parts, and trailers.....	17,345	17,332	17,196	0.1	0.8	1.9	16,815	17,081	16,914	15,870	6.0
Nondefense aircraft and parts.....	574,303	572,188	570,320	0.4	0.3	0.9	566,810	568,047	564,422	465,135	21.9
Defense aircraft and parts.....	63,330	62,515	63,355	1.3	-1.3	-0.9	62,517	61,475	62,502	65,172	-4.1
Ships and boats.....	19,611	19,697	19,952	-0.4	-1.3	-0.5	19,135	19,819	20,342	19,199	-0.3
Furniture and related products.....	6,821	6,763	6,611	0.9	2.3	1.4	6,763	6,680	6,459	6,004	12.6

<sup>p</sup> Preliminary      <sup>r</sup> Revised data due to late receipts and concurrent seasonal adjustment.<sup>1</sup> 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.<sup>2</sup> 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 Groups<sup>1</sup>

[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 Oct. 2014/ 2013
	Monthly			Percent Change			Monthly				
	Oct. 2014 <sup>p</sup>	Sept. 2014 <sup>r</sup>	Aug. 2014	Sept. - Oct.	Aug. - Sept.	July - Aug.	Oct. 2014 <sup>p</sup>	Sept. 2014 <sup>r</sup>	Aug. 2014	Oct. 2013	
All manufacturing industries.....	655,603	655,092	653,641	0.1	0.2	0.1	658,176	654,796	658,284	636,649	3.4
Excluding transportation.....	523,933	524,298	523,762	-0.1	0.1	0.0	525,771	524,168	527,295	515,672	-2.0
Excluding defense.....	626,406	626,099	624,342	0.0	0.3	0.1	629,029	625,974	629,034	608,694	3.3
With unfilled orders.....	334,308	332,493	330,808	0.5	0.5	0.4	335,031	331,437	334,459	315,069	6.3
Durable goods industries.....	406,598	404,750	402,908	0.5	0.5	0.4	407,549	403,606	406,780	384,607	6.0
Wood products.....	10,717	10,663	10,683	0.5	-0.2	0.0	10,693	10,589	10,602	9,981	7.1
Nonmetallic mineral products.....	12,236	12,099	12,012	1.1	0.7	-0.4	11,837	11,885	11,938	11,350	4.3
Primary metals.....	37,821	37,498	37,159	0.9	0.9	0.9	37,603	37,519	37,473	34,698	8.4
Iron and steel mills.....	21,934	21,658	21,413	1.3	1.1	1.3	21,792	21,728	21,605	19,936	9.3
Aluminum and nonferrous metals.....	13,635	13,592	13,480	0.3	0.8	0.5	13,569	13,596	13,585	12,539	8.2
Ferrous metal foundries.....	2,252	2,248	2,266	0.2	-0.8	-0.5	2,242	2,195	2,283	2,223	0.9
Fabricated metal products.....	50,046	49,941	49,841	0.2	0.2	0.4	49,853	49,869	50,131	47,521	4.9
Machinery.....	68,056	67,813	67,354	0.4	0.7	0.0	68,198	67,533	68,155	66,332	2.8
Farm machinery.....	3,720	3,738	3,812	-0.5	-1.9	-3.7	3,318	3,471	3,658	3,378	-1.8
Construction machinery.....	5,287	5,222	5,115	1.2	2.1	0.8	5,326	5,230	5,047	5,445	-2.2
Mining, oil field, and gas field machinery.....	6,986	6,819	6,497	2.4	5.0	-0.8	6,958	6,799	6,561	7,246	-4.0
Industrial machinery.....	6,826	6,750	6,733	1.1	0.3	-0.4	6,827	6,753	6,803	6,376	7.1
Photographic equipment.....	1,529	1,540	1,564	-0.7	-1.5	2.5	1,564	1,547	1,616	1,650	-5.2
Ventilation, heating, air-conditioning, and refrigeration equipment.....	5,205	5,155	5,114	1.0	0.8	1.3	5,148	5,043	5,209	4,792	7.4
Metalworking machinery.....	5,709	5,666	5,604	0.8	1.1	-0.4	5,831	5,806	5,720	5,574	4.6
Turbines, generators, and other power transmission equipment.....	10,813	10,844	10,876	-0.3	-0.3	1.1	11,156	10,859	11,426	10,575	5.5
Material handling equipment.....	4,721	4,699	4,704	0.5	-0.1	0.2	4,854	4,839	4,863	4,690	3.5
Computers and electronic products <sup>2</sup> .....	49,242	48,845	48,684	0.8	0.3	0.5	49,778	48,601	49,575	47,227	5.4
Computers.....	972	937	914	3.7	2.5	-0.3	985	976	976	904	9.0
Computer storage devices.....	2,084	2,090	2,066	-0.3	1.2	-1.1	2,213	2,060	2,166	2,075	6.7
Other peripheral equipment.....	1,627	1,684	1,679	-3.4	0.3	-1.1	1,637	1,629	1,736	1,636	0.1
Nondefense communications equipment.....	6,537	6,545	6,542	-0.1	0.0	0.7	6,562	6,453	6,634	6,181	6.2
Defense communications equipment.....	1,002	988	1,075	1.4	-8.1	-7.6	1,002	988	1,075	1,334	-24.9
Audio and video equipment.....	917	897	864	2.2	3.8	2.1	1,042	1,016	929	787	32.4
Electronic components.....	9,007	8,951	8,957	0.6	-0.1	1.1	9,029	8,825	8,995	8,237	9.6
Nondefense search and navigation equipment.....	3,831	3,820	3,794	0.3	0.7	0.1	3,908	3,817	3,848	3,704	5.5
Defense search and navigation equipment.....	3,374	3,288	3,240	2.6	1.5	0.2	3,356	3,210	3,257	2,935	14.3
Electromedical, measuring and control instruments.....	13,110	12,984	12,996	1.0	-0.1	0.8	13,047	12,712	13,327	12,399	5.2
Electrical equipment, appliances, and components.....	16,368	16,560	16,749	-1.2	-1.1	0.7	16,405	16,320	16,947	17,102	-4.1
Electric lighting equipment.....	2,292	2,299	2,283	-0.3	0.7	0.5	2,270	2,277	2,313	2,131	6.5
Household appliances.....	1,946	1,962	2,001	-0.8	-1.9	-0.1	1,960	1,974	2,073	1,869	4.9
Electrical equipment.....	4,833	4,844	4,814	-0.2	0.6	0.1	4,829	4,582	4,869	4,849	-0.4
Batteries.....	1,208	1,215	1,206	-0.6	0.7	-0.6	1,239	1,231	1,237	1,223	1.3
Transportation equipment.....	131,670	130,794	129,879	0.7	0.7	0.4	132,405	130,628	130,989	120,977	9.4
Automobiles.....	2,876	2,948	2,889	-2.4	2.0	1.7	2,988	3,054	2,844	2,799	6.8
Light trucks and utility vehicles.....	2,710	2,730	2,747	-0.7	-0.6	-1.3	2,879	2,805	2,773	2,676	7.6
Heavy duty trucks.....	1,567	1,567	1,587	0.0	-1.3	2.5	1,636	1,542	1,584	1,836	-10.9
Motor vehicle bodies, parts, and trailers.....	20,218	19,983	19,730	1.2	1.3	1.2	20,357	19,992	19,832	18,733	8.7
Nondefense aircraft and parts.....	74,393	73,812	73,035	0.8	1.1	0.0	74,544	73,471	73,909	66,379	12.3
Defense aircraft and parts.....	14,520	14,316	14,588	1.4	-1.9	1.2	14,526	14,298	14,642	13,431	8.2
Ships and boats.....	2,214	2,282	2,278	-3.0	0.2	-1.2	2,220	2,277	2,248	2,481	-10.5
Furniture and related products.....	6,322	6,291	6,276	0.5	0.2	0.5	6,308	6,278	6,400	5,950	6.0
Miscellaneous durable goods.....	24,120	24,246	24,271	-0.5	-0.1	0.4	24,469	24,384	24,570	23,469	4.3
Nondurable goods industries.....	249,005	250,342	250,733	-0.5	-0.2	-0.4	250,627	251,190	251,504	252,042	-0.6
Food products.....	47,325	47,287	47,476	0.1	-0.4	-0.3	50,415	48,071	47,904	50,113	0.6
Grain and oilseed milling.....	4,792	4,858	4,881	-1.4	-0.5	-0.7	5,207	4,675	4,698	5,498	-5.3
Dairy products.....	6,548	6,535	6,532	0.2	0.0	1.4	6,515	6,560	6,738	5,925	10.0
Meat, poultry, and seafood products.....	9,299	9,218	9,336	0.9	-1.3	-0.7	9,601	9,339	9,509	9,405	2.1
Beverage and tobacco products.....	21,239	21,275	20,942	-0.2	1.6	0.8	22,092	21,217	20,258	21,138	4.5
Beverages.....	16,885	16,983	16,719	-0.6	1.6	0.7	17,623	17,046	16,241	16,966	3.9
Tobacco.....	4,354	4,292	4,223	1.4	1.6	1.5	4,469	4,171	4,017	4,172	7.1
Textile mills.....	3,455	3,456	3,466	0.0	-0.3	0.3	3,441	3,441	3,484	3,361	2.4
Textile products.....	3,059	3,032	3,144	0.9	-3.6	-0.3	3,041	3,027	3,148	3,100	-1.9
Apparel.....	2,860	2,775	2,739	3.1	1.3	-0.2	2,951	2,917	2,909	2,356	25.3
Leather and allied products.....	1,101	1,088	1,071	1.2	1.6	0.4	1,103	1,113	1,093	1,051	4.9
Paper products.....	14,729	14,716	14,604	0.1	0.8	0.2	14,575	14,698	14,684	14,208	2.6
Pulp, paper, and paperboard mills.....	6,179	6,144	6,054	0.6	1.5	0.4	6,062	6,099	6,079	5,943	2.0
Paperboard containers.....	4,424	4,416	4,379	0.2	0.8	-0.1	4,386	4,397	4,381	4,138	6.0
Printing.....	5,949	5,926	5,893	0.4	0.6	0.5	6,063	5,994	6,110	5,656	7.2
Petroleum and coal products.....	44,827	46,335	47,118	-3.3	-1.7	-2.6	44,316	47,151	47,531	48,925	-9.4
Petroleum refineries.....	41,101	42,640	43,366	-3.6	-1.7	-2.8	40,653	43,514	43,725	45,312	-10.3
Chemical products.....	81,710	81,819	81,697	-0.1	0.1	0.2	80,279	81,182	81,916	80,021	0.3
Pesticides, fertilizers, and other agricultural chemicals.....	4,422	4,350	4,352	1.7	0.0	0.8	4,123	3,985	4,098	3,944	4.5
Pharmaceuticals and medicines.....	31,015	31,139	30,890	-0.4	0.8	-0.6	30,520	30,874	30,929	30,924	-1.3
Paints, coatings, and adhesives.....	3,453	3,447	3,396	0.2	1.5	0.3	3,295	3,360	3,380	3,154	4.5
Plastics and rubber products.....	22,751	22,633	22,583	0.5	0.2	0.4	22,351	22,379	22,467	22,113	1.1

<sup>p</sup> Preliminary <sup>r</sup> Revised data due to late receipts and concurrent seasonal adjustment.<sup>1</sup> 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.<sup>2</sup> Estimates of inventories for the semiconductor industry data are included in computers and electronic products and all other applicable aggregate totals, but are not shown separately.

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<sup>1, 2</sup>**

[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 <sup>6</sup>
	Monthly			Percent Change			Monthly			Year to date			
	Oct. 2014 <sup>p</sup>	Sept. 2014 <sup>f</sup>	Aug. 2014	Sept. - Oct.	Aug. - Sept.	July - Aug.	Oct. 2014 <sup>p</sup>	Sept. 2014 <sup>f</sup>	Aug. 2014	Oct. 2013	2014 <sup>p</sup>	2013	
<b>SHIPMENTS</b>													
All manufacturing industries.....	499,247	503,045	502,690	-0.8	0.1	-1.1	516,611	521,182	513,910	505,684	5,018,565	4,877,127	2.9
Construction materials and supplies.....	46,207	46,410	45,990	-0.4	0.9	-0.3	49,688	49,096	49,350	46,772	462,070	438,830	5.3
Information technology.....	21,680	21,902	22,233	-1.0	-1.5	0.2	20,578	25,185	21,392	20,615	215,065	211,478	1.7
Computers and related products.....	1,961	1,975	2,079	-0.7	-5.0	-10.2	1,568	2,764	1,737	1,773	21,061	22,120	-4.8
Motor vehicle and parts.....	47,807	47,368	47,255	0.9	0.2	-7.0	53,613	49,330	48,884	51,712	474,622	454,688	4.4
Capital goods.....	89,819	90,527	89,638	-0.8	1.0	0.5	88,726	97,737	88,260	82,762	869,240	827,469	5.0
Nondefense capital goods <sup>3</sup> .....	80,027	80,870	79,832	-1.0	1.3	0.3	79,293	87,126	78,523	73,308	774,464	730,417	6.0
Excluding aircraft.....	70,432	70,913	70,450	-0.7	0.7	0.2	70,019	76,182	69,289	65,273	689,554	654,772	5.3
Defense capital goods <sup>4</sup> .....	9,792	9,657	9,806	1.4	-1.5	2.2	9,433	10,611	9,737	9,454	94,776	97,052	-2.3
Consumer goods.....	206,762	210,197	210,969	-1.6	-0.4	-1.6	215,731	215,049	217,376	220,427	2,127,537	2,108,014	0.9
Consumer durable goods.....	37,432	37,142	37,194	0.8	-0.1	-5.7	40,980	39,127	37,861	40,994	372,658	366,385	1.7
Consumer nondurable goods.....	169,330	173,055	173,775	-2.2	-0.4	-0.7	174,751	175,922	179,515	179,433	1,754,879	1,741,629	0.8
<b>NEW ORDERS</b>													
All manufacturing industries <sup>5</sup> .....	496,563	499,866	502,159	-0.7	-0.5	-10.0	506,385	518,706	503,695	497,237	5,040,337	4,848,048	4.0
Construction materials and supplies.....	46,756	46,541	46,604	0.5	-0.1	-0.1	49,796	48,973	49,452	46,506	467,751	440,352	6.2
Information technology.....	22,801	22,977	23,767	-0.8	-3.3	4.3	21,800	26,946	21,710	21,502	224,909	218,283	3.0
Computers and related products.....	2,045	2,115	2,156	-3.3	-1.9	-11.7	1,652	2,904	1,814	1,797	21,808	22,249	-2.0
Motor vehicle and parts.....	47,820	47,504	47,581	0.7	-0.2	-6.5	53,347	49,497	49,286	51,423	474,921	453,773	4.7
Capital goods.....	92,559	91,875	95,379	0.7	-3.7	-34.1	86,118	100,065	87,466	81,189	947,730	863,902	9.7
Nondefense capital goods <sup>3</sup> .....	82,136	82,464	86,659	-0.4	-4.8	-36.4	77,578	89,448	80,570	74,677	856,537	780,675	9.7
Excluding aircraft.....	71,189	72,335	73,112	-1.6	-1.1	0.4	70,284	76,920	69,843	65,374	711,670	674,868	5.5
Defense capital goods <sup>4</sup> .....	10,423	9,411	8,720	10.8	7.9	4.9	8,540	10,617	6,896	6,512	91,193	83,227	9.6
Consumer goods.....	206,844	210,320	211,031	-1.7	-0.3	-1.5	215,800	215,306	217,176	220,489	2,127,964	2,108,283	0.9
Consumer durable goods.....	37,514	37,265	37,256	0.7	0.0	-5.4	41,049	39,384	37,661	41,056	373,085	366,654	1.8
Consumer nondurable goods.....	169,330	173,055	173,775	-2.2	-0.4	-0.7	174,751	175,922	179,515	179,433	1,754,879	1,741,629	0.8
<b>UNFILLED ORDERS</b>													
All manufacturing industries <sup>5</sup> .....	1,174,206	1,169,273	1,164,929	0.4	0.4	0.6	1,159,565	1,160,471	1,156,165	1,031,573	(X)	(X)	12.4
Construction materials and supplies.....	57,097	56,548	56,417	1.0	0.2	1.1	56,582	56,474	56,597	51,190	(X)	(X)	10.5
Information technology.....	147,581	146,460	145,385	0.8	0.7	1.1	147,373	146,151	144,390	136,549	(X)	(X)	7.9
Computers and related products.....	4,136	4,052	3,912	2.1	3.6	2.0	4,136	4,052	3,912	3,356	(X)	(X)	23.2
Motor vehicle and parts.....	17,345	17,332	17,196	0.1	0.8	1.9	16,815	17,081	16,914	15,870	(X)	(X)	6.0
Capital goods.....	893,705	890,965	889,617	0.3	0.2	0.6	882,935	885,543	883,215	777,647	(X)	(X)	13.5
Nondefense capital goods <sup>3</sup> .....	735,194	733,085	731,491	0.3	0.2	0.9	725,944	727,659	725,337	613,529	(X)	(X)	18.3
Excluding aircraft.....	253,034	252,277	250,855	0.3	0.6	1.1	250,761	250,496	249,758	227,935	(X)	(X)	10.0
Defense capital goods <sup>4</sup> .....	158,511	157,880	158,126	0.4	-0.2	-0.7	156,991	157,884	157,878	164,118	(X)	(X)	-4.3
Consumer goods.....	5,102	5,020	4,897	1.6	2.5	1.3	4,960	4,891	4,634	4,342	(X)	(X)	14.2
Consumer durable goods.....	5,102	5,020	4,897	1.6	2.5	1.3	4,960	4,891	4,634	4,342	(X)	(X)	14.2
<b>TOTAL INVENTORIES</b>													
All manufacturing industries.....	655,603	655,092	653,641	0.1	0.2	0.1	658,176	654,796	658,284	636,649	(X)	(X)	3.4
Construction materials and supplies.....	65,187	64,922	64,764	0.4	0.2	0.2	64,421	64,480	64,888	61,468	(X)	(X)	4.8
Information technology.....	41,281	41,221	41,390	0.1	-0.4	0.4	41,629	40,866	42,234	40,854	(X)	(X)	1.9
Computers and related products.....	4,683	4,711	4,659	-0.6	1.1	-0.9	4,835	4,665	4,878	4,615	(X)	(X)	4.8
Motor vehicle and parts.....	27,371	27,228	26,953	0.5	1.0	1.1	27,860	27,393	27,033	26,044	(X)	(X)	7.0
Capital goods.....	209,580	208,573	207,646	0.5	0.4	0.2	210,426	207,595	210,344	198,251	(X)	(X)	6.1
Nondefense capital goods <sup>3</sup> .....	185,753	184,950	183,755	0.4	0.7	0.2	186,655	184,125	186,556	175,421	(X)	(X)	6.4
Excluding aircraft.....	123,266	123,139	122,748	0.1	0.3	0.3	124,098	122,566	124,697	120,871	(X)	(X)	2.7
Defense capital goods <sup>4</sup> .....	23,827	23,623	23,891	0.9	-1.1	0.4	23,771	23,470	23,788	22,830	(X)	(X)	4.1
Consumer goods.....	186,646	188,272	188,633	-0.9	-0.2	-0.7	190,116	190,017	189,334	191,501	(X)	(X)	-0.7
Consumer durable goods.....	26,936	27,039	27,050	-0.4	0.0	0.2	27,419	27,276	27,286	25,682	(X)	(X)	6.8
Consumer nondurable goods.....	159,710	161,233	161,583	-0.9	-0.2	-0.8	162,697	162,741	162,048	165,819	(X)	(X)	-1.9

X Not Applicable      <sup>p</sup> Preliminary      <sup>f</sup> Revised data due to late receipts and concurrent seasonal adjustment.

<sup>1</sup> 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.

<sup>2</sup> Topical series are regroupings of the separate industry categories.

<sup>3</sup> 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.

<sup>4</sup> 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.

<sup>5</sup> Estimates and percent changes exclude semiconductor industry data.

<sup>6</sup> 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 Group<sup>1</sup>

[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 Oct. 2014/ 2013
	Oct. 2014 <sup>P</sup>	Sept. 2014 <sup>f</sup>	Aug. 2014	Sept. - Oct.	Aug. - Sept.	July - Aug.	Oct. 2014 <sup>P</sup>	Sept. 2014 <sup>f</sup>	Aug. 2014	Oct. 2013	
<b>MATERIALS AND SUPPLIES</b>											
All manufacturing industries.....	211,524	210,736	211,460	0.4	-0.3	-0.3	211,537	210,783	212,422	203,756	3.8
Durable goods industries.....	130,962	130,446	131,425	0.4	-0.7	-0.1	131,079	130,783	132,684	124,802	5.0
Wood products.....	4,093	4,061	4,052	0.8	0.2	-0.9	4,240	4,149	4,073	3,940	7.6
Nonmetallic mineral products.....	4,383	4,371	4,360	0.3	0.3	-2.3	4,343	4,351	4,347	4,278	1.5
Primary metals.....	14,536	14,357	14,257	1.2	0.7	-0.7	14,765	14,521	14,399	13,985	5.6
Fabricated metal products.....	17,752	17,711	18,085	0.2	-2.1	0.4	17,712	17,834	18,255	17,322	2.3
Machinery.....	25,560	25,624	25,612	-0.2	0.0	0.6	25,673	25,694	26,003	24,672	4.1
Computers and electronic products.....	19,627	19,513	19,669	0.6	-0.8	0.1	19,657	19,395	19,840	18,108	8.6
Electrical equipment, appliances, and components.....	6,521	6,433	6,817	1.4	-5.6	0.9	6,420	6,328	6,903	7,086	-9.4
Transportation equipment.....	27,938	27,802	27,927	0.5	-0.4	-0.7	27,724	27,941	28,109	25,547	8.5
Furniture and related products.....	3,054	3,050	3,053	0.1	-0.1	0.3	3,035	3,046	3,076	2,775	9.4
Miscellaneous products.....	7,498	7,524	7,593	-0.3	-0.9	0.4	7,510	7,524	7,679	7,089	5.9
Nondurable goods industries.....	80,562	80,290	80,035	0.3	0.3	-0.7	80,458	80,000	79,738	78,954	1.9
Food products.....	16,354	16,333	16,458	0.1	-0.8	0.4	17,280	16,223	16,195	17,328	-0.3
Beverage and tobacco products.....	5,393	5,271	5,199	2.3	1.4	0.2	5,400	5,128	5,008	5,200	3.8
Textiles.....	1,244	1,230	1,213	1.1	1.4	0.0	1,227	1,219	1,219	1,204	1.9
Textile products.....	1,337	1,318	1,312	1.4	0.5	-0.7	1,323	1,314	1,314	1,231	7.5
Apparel.....	947	930	930	1.8	1.5	0.9	959	949	930	762	25.9
Leather and allied products.....	299	299	310	0.0	-3.5	1.6	297	301	315	313	-5.1
Paper products.....	7,003	7,007	6,971	-0.1	0.5	-0.2	6,957	6,987	6,956	6,732	3.3
Printing.....	2,551	2,548	2,539	0.1	0.4	0.0	2,560	2,572	2,598	2,457	4.2
Petroleum and coal products.....	12,068	12,234	11,958	-1.4	2.3	-6.0	11,699	12,403	11,931	12,303	-4.9
Chemical products.....	24,032	23,918	24,011	0.5	-0.4	0.6	23,670	23,813	24,152	22,793	3.8
Plastics and rubber products.....	9,334	9,202	9,148	1.4	0.6	0.0	9,086	9,091	9,120	8,631	5.3
<b>WORK IN PROCESS</b>											
All manufacturing industries.....	215,414	215,633	214,561	-0.1	0.5	0.5	217,354	213,627	215,056	205,753	5.6
Durable goods industries.....	164,834	163,450	161,925	0.8	0.9	0.6	165,670	162,461	163,717	154,136	7.5
Wood products.....	2,079	2,070	2,030	0.4	2.0	0.5	2,076	2,062	2,019	1,802	15.2
Nonmetallic mineral products.....	1,423	1,403	1,380	1.4	1.7	-0.5	1,368	1,380	1,370	1,318	3.8
Primary metals.....	11,500	11,309	11,090	1.7	2.0	1.6	11,459	11,222	11,313	10,545	8.7
Fabricated metal products.....	13,916	13,904	14,012	0.1	-0.8	0.0	14,037	13,976	14,227	13,560	3.5
Machinery.....	20,317	20,005	19,527	1.6	2.4	0.2	20,648	19,921	19,921	19,375	6.6
Computers and electronic products.....	15,936	15,837	15,977	0.6	-0.9	-1.6	16,128	15,601	16,223	16,366	-1.5
Electrical equipment, appliances, and components.....	3,905	3,971	3,743	-1.7	6.1	2.5	3,921	3,894	3,765	3,814	2.8
Transportation equipment.....	90,899	90,099	89,358	0.9	0.8	1.0	91,116	89,519	90,005	82,500	10.4
Furniture and related products.....	1,012	1,011	1,014	0.1	-0.3	0.4	1,006	1,010	1,022	968	3.9
Miscellaneous products.....	3,847	3,841	3,794	0.2	1.2	1.1	3,911	3,876	3,852	3,888	0.6
Nondurable goods industries.....	50,580	52,183	52,636	-3.1	-0.9	0.2	51,684	51,166	51,339	51,617	0.1
Food products.....	4,608	4,816	4,959	-4.3	-2.9	-3.1	5,653	4,387	4,437	5,466	3.4
Beverage and tobacco products.....	7,439	7,681	7,387	-3.2	4.0	2.1	8,005	7,545	6,596	7,561	5.9
Textiles.....	782	788	783	-0.8	0.6	0.3	780	793	797	737	5.8
Textile products.....	448	452	450	-0.9	0.4	1.1	447	456	449	423	5.7
Apparel.....	385	381	373	1.0	2.1	-0.3	396	396	397	334	18.6
Leather and allied products.....	91	90	89	1.1	1.1	-4.3	91	89	88	104	-12.5
Paper products.....	1,401	1,394	1,393	0.5	0.1	-0.4	1,386	1,388	1,412	1,392	-0.4
Printing.....	1,277	1,269	1,322	0.6	-4.0	1.5	1,374	1,300	1,462	1,370	0.3
Petroleum and coal products.....	13,399	13,915	14,434	-3.7	-3.6	-0.2	13,338	13,815	14,569	14,370	-7.2
Chemical products.....	18,230	18,810	18,765	-3.1	0.2	0.6	17,739	18,403	18,436	17,260	2.8
Plastics and rubber products.....	2,520	2,587	2,681	-2.6	-3.5	0.9	2,475	2,594	2,696	2,600	-4.8
<b>FINISHED GOODS</b>											
All manufacturing industries.....	228,665	228,723	227,620	0.0	0.5	0.1	229,285	230,386	230,806	227,140	0.9
Durable goods industries.....	110,802	110,854	109,558	0.0	1.2	0.6	110,800	110,362	110,379	105,669	4.9
Wood products.....	4,545	4,532	4,601	0.3	-1.5	0.5	4,377	4,378	4,510	4,239	3.3
Nonmetallic mineral products.....	6,430	6,325	6,272	1.7	0.8	0.9	6,126	6,154	6,221	5,754	6.5
Primary metals.....	11,785	11,832	11,812	-0.4	0.2	2.3	11,379	11,776	11,761	10,168	11.9
Fabricated metal products.....	18,378	18,326	17,744	0.3	3.3	0.7	18,104	18,059	17,649	16,639	8.8
Machinery.....	22,179	22,184	22,215	0.0	-0.1	-0.8	21,877	21,918	22,231	22,285	-1.8
Computers and electronic products.....	13,679	13,495	13,038	1.4	3.5	3.8	13,993	13,605	13,512	12,753	9.7
Electrical equipment, appliances, and components.....	5,942	6,156	6,189	-3.5	-0.5	-0.6	6,064	6,098	6,279	6,202	-2.2
Transportation equipment.....	12,833	12,893	12,594	-0.5	2.4	-1.0	13,565	13,168	12,875	12,930	4.9
Furniture and related products.....	2,256	2,230	2,209	1.2	1.0	0.9	2,267	2,222	2,302	2,207	2.7
Miscellaneous products.....	12,775	12,881	12,884	-0.8	0.0	0.3	13,048	12,984	13,039	12,492	4.5
Nondurable goods industries.....	117,863	117,869	118,062	0.0	-0.2	-0.4	118,485	120,024	120,427	121,471	-2.5
Food products.....	26,363	26,138	26,059	0.9	0.3	-0.2	27,482	27,461	27,272	27,319	0.6
Beverage and tobacco products.....	8,407	8,323	8,356	1.0	-0.4	0.2	8,687	8,544	8,654	8,377	3.7
Textiles.....	1,429	1,438	1,470	-0.6	-2.2	0.5	1,434	1,429	1,468	1,420	1.0
Textile products.....	1,274	1,262	1,382	1.0	-8.7	-0.3	1,271	1,257	1,385	1,446	-12.1
Apparel.....	1,528	1,464	1,450	4.4	1.0	-0.9	1,596	1,572	1,582	1,260	26.7
Leather and allied products.....	711	699	672	1.7	4.0	0.4	715	723	690	634	12.8
Paper products.....	6,325	6,315	6,240	0.2	1.2	0.9	6,232	6,323	6,316	6,084	2.4
Printing.....	2,121	2,109	2,032	0.6	3.8	0.4	2,129	2,122	2,050	1,829	16.4
Petroleum and coal products.....	19,360	20,186	20,726	-4.1	-2.6	-2.3	19,279	20,933	21,031	22,252	-13.4
Chemical products.....	39,448	39,091	38,921	0.9	0.4	-0.3	38,870	38,966	39,328	39,968	-2.7
Plastics and rubber products.....	10,897	10,844	10,754	0.5	0.8	0.6	10,790	10,694	10,651	10,882	-0.8

<sup>P</sup> Preliminary <sup>f</sup> Revised data due to late receipts and concurrent seasonal adjustment.<sup>1</sup> Estimates of shipments and new orders are for the duration of the period, while estimates of fulfilled 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 <sup>1</sup>**

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

Industry	Inventory/Shipments ratio				Unfilled Orders/Shipments ratio <sup>2</sup>			
	Oct 2014 <sup>a</sup>	Sep 2014 <sup>b</sup>	Aug 2014	Jul 2014	Oct 2014 <sup>a</sup>	Sep 2014 <sup>b</sup>	Aug 2014	Jul 2014
	All manufacturing industries <sup>3</sup> .....	1.31	1.30	1.30	1.29	(X)	(X)	(X)
Durable goods industries <sup>3</sup> .....	1.65	1.64	1.64	1.61	6.73	6.71	6.71	6.62
Wood products.....	1.30	1.28	1.27	1.25	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.31	1.30	1.31	1.31	(X)	(X)	(X)	(X)
Primary metals.....	1.36	1.35	1.34	1.34	1.45	1.45	1.43	1.42
Fabricated metal products.....	1.65	1.64	1.65	1.64	2.97	2.95	2.95	2.94
Machinery.....	1.84	1.83	1.82	1.82	3.41	3.42	3.42	3.43
Computers and electronic products <sup>3</sup> .....	1.70	1.69	1.65	1.62	7.63	7.56	7.49	7.42
Electrical equipment, appliances, and components.....	1.55	1.56	1.57	1.57	2.72	2.67	2.58	2.56
Transportation equipment.....	1.80	1.80	1.80	1.69	15.84	15.90	15.99	15.27
Furniture and related products.....	1.06	1.07	1.07	1.08	1.36	1.38	1.34	1.33
Miscellaneous products.....	1.61	1.60	1.66	1.66	(X)	(X)	(X)	(X)
Nondurable goods industries.....	0.99	0.98	0.98	0.97	(X)	(X)	(X)	(X)
Food products.....	0.70	0.71	0.72	0.72	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.74	1.76	1.74	1.69	(X)	(X)	(X)	(X)
Textiles.....	1.30	1.29	1.30	1.27	(X)	(X)	(X)	(X)
Textile products.....	1.48	1.49	1.50	1.52	(X)	(X)	(X)	(X)
Apparel.....	2.26	2.25	2.34	2.21	(X)	(X)	(X)	(X)
Leather and allied products.....	2.18	2.23	2.15	2.15	(X)	(X)	(X)	(X)
Paper products.....	1.02	1.02	1.01	1.00	(X)	(X)	(X)	(X)
Printing.....	0.90	0.91	0.91	0.90	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.70	0.68	0.68	0.69	(X)	(X)	(X)	(X)
Chemical products.....	1.31	1.29	1.29	1.29	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.19	1.19	1.19	1.18	(X)	(X)	(X)	(X)

X Not Applicable    <sup>a</sup> Preliminary    <sup>b</sup> Revised data due to late receipts and concurrent seasonal adjustment.

<sup>2</sup> 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.

<sup>3</sup> Unfilled orders to shipments ratio excludes semiconductor manufacturing.

**Table 8. Revisions to Previously Published Monthly Percent Changes <sup>1</sup>**

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

Industry	Shipments		New Orders		Unfilled Orders		Inventories	
	Oct <sup>2</sup> 2014	Oct <sup>3</sup> 2013- Sep 2014	Oct <sup>2</sup> 2014	Oct <sup>3</sup> 2013- Sep 2014	Oct <sup>2</sup> 2014	Oct <sup>3</sup> 2013- Sep 2014	Oct <sup>2</sup> 2014	Oct <sup>3</sup> 2013- Sep 2014
	All manufacturing industries.....	(X)	0.2	(X)	0.3	(X)	0.1	(X)
Durable goods industries.....	0.0	0.3	-0.1	0.5	0.0	0.1	0.0	0.1
Wood products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.3
Nonmetallic mineral products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.2
Primary metals.....	0.0	0.4	0.0	0.6	0.0	0.4	0.1	0.3
Fabricated metal products.....	0.0	0.3	0.0	1.2	0.0	0.2	-0.1	0.1
Machinery.....	-0.2	0.5	-0.2	0.8	0.0	0.2	0.0	0.2
Computers and electronic products.....	-0.1	0.6	-0.2	1.0	0.0	0.2	0.0	0.2
Electrical equipment, appliances, and components.....	-0.3	0.9	-0.5	1.1	0.0	0.4	-0.1	0.6
Transportation equipment.....	0.3	0.4	0.0	0.8	0.0	0.1	0.0	0.1
Furniture and related products.....	(X)	0.6	(X)	0.7	(X)	0.6	(X)	0.2
Miscellaneous products.....	(X)	0.7	(X)	0.7	(X)	0.4	(X)	0.2
Nondurable goods industries.....	(X)	0.1	(X)	(NA)	(X)	(NA)	(X)	0.2
Food products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Beverage and tobacco products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.4
Textiles.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.4
Textile products.....	(X)	1.3	(X)	(NA)	(X)	(NA)	(X)	0.6
Apparel.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.4
Leather and allied products.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.4
Paper products.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.2
Printing.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.6
Petroleum and coal products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.5
Chemical products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Plastics and rubber products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.4

X Not Applicable    NA Not Available

<sup>1</sup> 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.

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

<sup>3</sup> 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. This survey provides statistics on 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). The M3 includes approximately 4,300 reporting units. Units may be divisions of diversified large companies, large homogenous companies, or single-unit manufacturers in 89 industry categories. Due to the small monthly sample, these 89 categories have been combined into 65 publication levels. The survey methodology assumes that the month-to-month changes of the total operations of those companies in the monthly survey effectively represent the month-to-month movements of all establishments that make up the category. The current coverage levels in the survey show that reported data in the monthly survey represent approximately 60 percent of the shipments estimates at the total manufacturing level. Data published represent manufacturing in a calendar month. The data collection is based on a voluntary survey authorized by Title 13 of the United States Code.

The data presented in this release are based on data obtained from a panel of 4,300 reporting units and provide an indication of the activity within the manufacturing sector. The results differ from what would be obtained from a complete enumeration of all manufacturing companies. In addition, a different panel of 4,300 companies would yield different results. The M3 panel is comprised of companies with \$500 million or more in shipments and a limited number of smaller companies. From a statistical perspective, the panel is not 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 2014	November 26, 2014	December 5, 2014
November 2014	December 23, 2014	January 6, 2015
December 2014	January 27, 2015	February 3, 2015
January 2015	February 26, 2015	March 5, 2015
February 2015	March 25, 2015	April 2, 2015
March 2015	April 24, 2015	May 4, 2015
April 2015	May 26, 2015	June 2, 2015
May 2015	June 23, 2015	July 2, 2015
June 2015	July 27, 2015	August 4, 2015
July 2015	August 26, 2015	September 2, 2015
August 2015	September 24, 2015	October 2, 2015
September 2015	October 27, 2015	November 3, 2015
October 2015	November 25, 2015	December 3, 2015
November 2015	December 23, 2015	Not available at this time