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## Full Report on Manufacturers' Shipments, Inventories and Orders June 2015

### Summary

New orders for manufactured goods in June, up following two consecutive monthly decreases, increased \$8.7 billion or 1.8 percent to \$478.5 billion, the U.S. Census Bureau reported today. This followed a 1.1 percent May decrease.

Shipments, up following two consecutive monthly decreases, increased \$2.2 billion or 0.5 percent to \$483.5 billion. This followed a 0.2 percent May decrease.

Unfilled orders, up following two consecutive monthly decreases, increased less than \$0.1 billion or virtually unchanged to \$1,194.7 billion. This followed a 0.5 percent May decrease. The unfilled orders-to-shipments ratio was 6.94, down from 6.99 in May.

Inventories, up four of the last five months, increased \$3.6 billion or 0.6 percent to \$653.6 billion. This followed a 0.1 percent May increase. The inventories-to-shipments ratio was 1.35, unchanged from May.

### New Orders

New orders for manufactured durable goods in June, up following two consecutive monthly decreases, increased \$7.7 billion or 3.4 percent to \$234.9 billion, virtually unchanged from the previously published 3.4 percent increase. This followed a 2.3 percent May decrease.

Transportation equipment, also up following two consecutive monthly decreases, led the increase, \$6.7 billion or 9.3 percent to \$78.5 billion.

New orders for manufactured nondurable goods increased \$1.0 billion or 0.4 percent to \$243.6 billion.

### Shipments

Shipments of manufactured durable goods in June, up following two consecutive monthly decreases, increased \$1.2 billion or 0.5 percent to \$240.0 billion, up from the previously published 0.1 percent increase. This followed a 0.4 percent May decrease.

Transportation equipment, also up following two consecutive monthly decreases, led the increase, \$1.0 billion or 1.3 percent to \$78.0 billion.

Shipments of manufactured nondurable goods, up four of the last five months, increased \$1.0 billion or 0.4 percent to \$243.6 billion. This followed a virtually unchanged May increase. Petroleum and coal products, also up four of the last five months, led the increase, \$0.7 billion or 1.4 percent to \$53.0 billion.

### Unfilled Orders

Unfilled orders for manufactured durable goods in June, up following two consecutive monthly decreases, increased less than \$0.1 billion or virtually unchanged to \$1,194.7 billion, down from the previously published 0.1 percent increase. This followed a 0.5 percent May decrease.

Transportation equipment, also up following two consecutive monthly decreases, drove the increase, \$0.5 billion or 0.1 percent to \$799.1 billion.

### Inventories

Inventories of manufactured durable goods in June, up twenty-four of the last twenty-five months, increased \$2.6 billion or 0.6 percent to \$403.0 billion, up from the previously published 0.4 percent increase. This was at the highest level since the series was first published on a NAICS basis in 1992 and followed a 0.2 percent May decrease.

Transportation equipment, up eighteen of the last nineteen months, led the increase, \$1.6 billion or 1.2 percent to \$131.8 billion.

Inventories of manufactured nondurable goods, up three consecutive months, increased \$1.0 billion or 0.4 percent to \$250.6 billion. This followed a 0.5 percent May increase. Petroleum and coal products, up four of the last five months, led the increase, \$0.9 billion or 2.3 percent to \$39.4 billion.

By stage of fabrication, June materials and supplies increased 0.3 percent in durable goods and increased 0.5 percent in nondurable goods. Work in process increased 1.1 percent in durable goods and increased 1.2 percent in nondurable goods. Finished goods increased 0.4 percent in durable goods and increased 0.1 percent 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 July is scheduled for release on August 26, 2015 at 8:30 a.m. EDT and the Full Report on September 2, 2015 at 10:00 a.m. EDT. 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](http://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 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
	June 2015 <sup>P</sup>	May 2015 <sup>F</sup>	Apr. 2015	May - June	Apr. - May	Mar. - Apr.	June 2015 <sup>P</sup>	May 2015 <sup>F</sup>	Apr. 2015	June 2014	2015 <sup>P</sup>	2014	
All manufacturing industries.....	483,530	481,347	482,323	0.5	-0.2	0.0	512,244	486,421	485,384	525,249	2,874,657	2,982,098	-3.6
Excluding transportation.....	405,553	404,336	404,808	0.3	-0.1	0.1	426,128	409,584	408,127	447,544	2,412,442	2,555,365	-5.6
Excluding defense.....	470,705	469,643	470,634	0.2	-0.2	0.1	498,170	474,984	474,456	512,462	2,804,492	2,912,136	-3.7
With unfilled orders.....	172,153	171,032	172,123	0.7	-0.6	-0.1	188,507	170,658	170,184	182,496	1,027,191	992,865	3.5
Durable goods industries.....	239,969	238,793	239,866	0.5	-0.4	-0.3	261,433	237,892	240,279	252,586	1,431,241	1,391,517	2.9
Wood products.....	7,835	7,773	7,874	0.8	-1.3	-1.3	8,795	8,437	8,459	9,404	47,790	47,798	0.0
Nonmetallic mineral products.....	9,561	9,494	9,673	0.7	-1.9	-0.7	10,531	9,796	9,848	10,463	56,234	55,429	1.5
Primary metals.....	21,234	21,325	21,500	-0.4	-0.8	-2.4	22,094	21,430	22,136	24,091	132,345	138,762	-4.6
Iron and steel mills.....	9,940	9,991	9,994	-0.5	0.0	-1.5	10,285	9,917	10,226	11,904	61,656	69,614	-11.4
Aluminum and nonferrous metals.....	9,718	9,749	9,901	-0.3	-1.5	-3.3	10,042	9,902	10,252	10,335	60,853	59,257	2.7
Ferrous metal foundries.....	1,576	1,585	1,605	-0.6	-1.2	-2.4	1,767	1,611	1,658	1,852	9,836	9,891	-0.6
Fabricated metal products.....	29,906	29,903	30,057	0.0	-0.5	-0.2	31,863	30,145	30,424	31,755	179,619	177,244	1.3
Machinery.....	33,544	33,429	33,217	0.3	0.6	0.2	36,430	33,900	33,830	35,762	200,714	203,126	-1.2
Farm machinery.....	1,758	1,619	1,609	8.6	0.6	2.4	1,732	1,679	2,025	2,257	10,856	18,877	-42.5
Construction machinery.....	3,594	3,669	3,779	-2.0	-2.9	1.5	3,599	3,718	3,893	2,833	22,365	16,402	36.4
Mining, oil field, and gas field machinery.....	1,741	1,773	1,925	-1.8	-7.9	-4.6	1,854	1,703	1,787	2,882	11,559	16,538	-30.1
Industrial machinery.....	3,145	2,984	2,848	5.4	4.8	15.5	3,366	2,921	2,673	2,960	15,911	17,267	-7.9
Photographic equipment.....	533	527	552	1.1	-4.5	-0.2	557	484	483	608	3,050	3,306	-7.7
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,881	3,890	3,927	-0.2	-0.9	-1.2	4,970	4,256	3,923	4,942	23,569	23,288	1.2
Metalworking machinery.....	2,850	3,003	2,743	-5.1	9.5	-0.1	3,153	2,839	2,628	2,766	16,316	15,023	8.6
Turbines, generators, and other power transmission equipment.....	4,174	4,097	4,001	1.9	2.4	-11.4	4,343	4,224	4,106	4,069	25,087	22,464	11.7
Material handling equipment.....	2,594	2,556	2,578	1.5	-0.9	6.0	2,697	2,560	2,536	2,422	14,730	14,267	3.2
Computers and electronic products <sup>2</sup> .....	29,409	29,322	28,993	0.3	1.1	0.4	33,029	27,276	27,923	31,658	169,240	165,139	2.5
Computers.....	699	683	708	2.3	-3.5	-2.7	978	649	650	1,121	3,986	4,494	-11.3
Computer storage devices.....	464	459	449	1.1	2.2	-8.6	790	338	269	1,038	2,767	3,790	-27.0
Other peripheral equipment.....	983	953	963	3.1	-1.0	-7.8	1,463	825	767	1,427	5,820	5,513	5.6
Nondefense communications equipment.....	3,398	3,318	3,429	2.4	-3.2	1.3	4,254	3,166	2,997	3,986	19,800	19,255	2.8
Defense communications equipment.....	283	310	355	-8.7	-12.7	-11.5	270	295	371	343	2,045	2,188	-6.5
Audio and video equipment.....	256	253	252	1.2	0.4	27.3	241	237	212	317	1,273	1,781	-28.5
Electronic components.....	4,756	4,621	4,610	2.9	0.2	4.0	5,424	4,625	4,489	4,193	26,329	21,448	22.8
Nondefense search and navigation equipment.....	1,347	1,365	1,276	-1.3	7.0	-5.1	1,518	1,330	1,133	1,366	7,777	7,231	7.6
Defense search and navigation equipment.....	2,706	2,701	2,672	0.2	1.1	-0.3	2,920	2,590	2,478	2,869	15,400	15,154	1.6
Electromedical, measuring, and control instruments.....	9,275	9,181	9,218	1.0	-0.4	1.6	10,858	8,858	8,517	10,295	54,751	51,723	5.9
Electrical equipment, appliances, and components.....	10,193	10,296	10,438	-1.0	-1.4	-0.1	11,140	10,280	10,247	11,387	61,900	61,677	0.4
Electric lighting equipment.....	951	956	984	-0.5	-2.8	5.0	963	894	942	989	5,516	5,751	-4.1
Household appliances.....	1,614	1,626	1,636	-0.7	-0.6	-1.4	1,736	1,687	1,682	1,864	9,787	10,130	-3.4
Electrical equipment.....	3,094	3,184	3,267	-2.8	-2.5	0.6	3,604	3,168	3,092	3,845	19,429	19,943	-2.6
Batteries.....	875	847	850	3.3	-0.4	-1.0	891	777	817	855	4,857	4,987	-2.6
Transportation equipment.....	77,977	77,011	77,515	1.3	-0.7	-0.4	86,116	76,837	77,257	77,705	462,215	426,733	8.3
Automobiles.....	9,053	9,391	9,422	-3.6	-0.3	0.7	9,787	9,378	9,301	8,851	53,754	49,578	8.4
Light trucks and utility vehicles.....	13,093	12,882	12,555	1.6	2.6	-3.5	14,371	13,018	13,231	12,214	78,031	73,517	6.1
Heavy duty trucks.....	3,107	3,112	3,163	-0.2	-1.6	0.0	3,456	3,129	3,208	2,898	18,562	15,064	23.2
Motor vehicle bodies, parts, and trailers.....	25,544	25,397	25,656	0.6	-1.0	-0.1	27,425	25,961	26,696	24,225	155,231	140,838	10.2
Nondefense aircraft and parts.....	14,227	14,364	14,851	-1.0	-3.3	3.3	16,683	13,451	13,449	13,320	83,439	70,599	18.2
Defense aircraft and parts.....	5,466	4,513	4,468	21.1	1.0	-3.7	6,144	4,466	4,020	5,215	27,296	28,062	-2.7
Ships and boats.....	2,849	2,755	2,785	3.4	-1.1	-0.5	3,139	2,838	2,859	3,078	16,700	17,296	-3.4
Furniture and related products.....	6,310	6,271	6,255	0.6	0.3	0.7	6,492	6,231	6,154	6,070	37,010	34,822	6.3
Miscellaneous durable goods.....	14,000	13,969	14,344	0.2	-2.6	0.9	14,943	13,560	14,001	14,291	84,174	80,787	4.2
Nondurable goods industries.....	243,561	242,554	242,457	0.4	0.0	0.3	250,811	248,529	245,105	272,663	1,443,416	1,590,581	-9.3
Food products.....	65,963	65,980	66,033	0.0	-0.1	-0.5	65,212	64,843	64,664	65,835	391,056	394,527	-0.9
Grain and oilseed milling.....	8,257	8,431	8,325	-2.1	1.3	1.6	7,844	7,713	7,911	7,687	47,780	48,605	-1.7
Dairy products.....	9,989	10,012	9,936	-0.2	0.8	-0.7	9,925	9,928	9,689	10,617	59,049	63,844	-7.5
Meat, poultry, and seafood products.....	19,175	19,146	19,286	0.2	-0.7	-1.5	19,626	19,325	19,081	20,536	115,505	117,012	-1.3
Beverage and tobacco products.....	12,442	12,502	12,811	-0.5	-2.4	1.4	13,187	13,199	12,912	13,179	73,804	72,722	1.5
Beverages.....	8,838	8,919	8,988	-0.9	-0.8	-0.5	9,583	9,616	9,089	9,767	52,726	53,481	-1.4
Tobacco.....	3,604	3,583	3,823	0.6	-6.3	6.2	3,604	3,583	3,823	3,412	21,078	19,241	9.5
Textile mills.....	2,563	2,531	2,556	1.3	-1.0	-0.1	2,721	2,631	2,647	2,796	15,522	15,962	-2.8
Textile products.....	1,889	1,893	1,896	-0.2	-0.2	2.4	2,034	1,983	1,946	2,073	11,575	11,401	1.5
Apparel.....	1,129	1,125	1,115	0.4	0.9	-2.4	1,070	1,008	991	1,067	6,315	5,934	6.4
Leather and allied products.....	461	463	483	-0.4	-4.1	1.5	483	459	488	493	2,801	2,731	2.6
Paper products.....	15,954	16,092	16,272	-0.9	-1.1	0.1	16,505	16,127	16,059	16,854	96,013	95,098	1.0
Pulp, paper, and paperboard mills.....	7,059	7,104	7,179	-0.6	-1.0	0.4	7,222	7,027	7,101	7,158	42,523	41,691	2.0
Paperboard containers.....	5,188	5,218	5,264	-0.6	-0.9	-1.6	5,465	5,222	5,200	5,901	31,059	31,078	-0.1
Printing.....	7,247	7,184	7,152	0.9	0.4	-0.2	7,137	7,298	7,399	6,777	42,327	40,939	3.4
Petroleum and coal products.....	53,030	52,302	51,451	1.4	1.7	0.5	54,831	55,901	51,788	75,445	301,707	434,527	-30.6
Petroleum refineries.....	49,474	48,653	47,528	1.7	2.4	0.0	50,668	52,130	47,961	70,796	280,513	411,767	-31.9
Chemical products.....	63,568	63,346	63,578	0.4	-0.4	0.9	66,911	65,412	66,439	67,489	386,265	398,916	-3.2
Pesticides, fertilizers, and other agricultural chemicals.....	4,645	4,564	4,740	1.8	-3.7	0.2	4,976	5,796	6,919	4,334	33,099	29,058	13.9
Pharmaceuticals and medicines.....	15,609	15,362	15,043	1.6	2.1	0.7	16,510	15,522	15,282	15,010	90,723	88,822	2.1
Paints, coatings, and adhesives.....	3,250	3,316	3,296	-2.0	0.6	-0.2	3,591	3,602	3,664	3,578	20,206	19,870	1.7
Plastics and rubber products.....	19,315	19,136	19,110	0.9	0.1	-0.5	20,720	19,668	19,772	20,655	116,031	117,824	-1.5

<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 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		
	June 2015 <sup>P</sup>	May 2015 <sup>F</sup>	Apr. 2015	May - June	Apr. - May	Mar. - Apr.	June 2015 <sup>P</sup>	May 2015 <sup>F</sup>	Apr. 2015	June 2014	2015 <sup>P</sup>	2014	% Change 2015/2014
All manufacturing industries <sup>2</sup> .....	478,499	469,833	475,026	1.8	-1.1	-0.7	509,206	468,957	473,214	533,247	2,827,483	3,004,382	-5.9
Excluding transportation <sup>2</sup> .....	400,007	398,026	398,403	0.5	-0.1	-0.1	419,247	403,385	402,697	446,899	2,388,743	2,554,580	-6.5
Excluding defense <sup>2</sup> .....	467,739	458,983	464,474	1.9	-1.2	-0.4	494,310	460,239	463,858	515,043	2,763,635	2,923,664	-5.5
With unfilled orders <sup>2</sup> .....	172,158	164,728	169,616	4.5	-2.9	-2.1	189,574	157,301	163,806	194,997	1,008,042	1,046,616	-3.7
Durable goods industries <sup>2</sup> .....	234,938	227,279	232,569	3.4	-2.3	-1.7	258,395	220,428	228,109	260,584	1,384,067	1,413,801	-2.1
Primary metals.....	21,244	21,550	21,514	-1.4	0.2	0.6	21,920	21,200	21,826	24,681	132,316	141,595	-6.6
Iron and steel mills.....	9,930	10,279	10,250	-3.4	0.3	4.9	10,274	9,944	10,252	12,573	62,181	71,789	-13.4
Aluminum and nonferrous metals.....	9,636	9,680	9,710	-0.5	-0.3	-5.4	9,879	9,642	10,044	10,386	60,407	59,747	1.1
Ferrous metal foundries.....	1,678	1,591	1,554	5.5	2.4	15.3	1,767	1,614	1,530	1,722	9,728	10,059	-3.3
Fabricated metal products.....	30,285	29,703	29,550	2.0	0.5	0.7	31,574	30,277	30,330	31,467	181,197	182,963	-1.0
Machinery.....	32,368	31,901	31,780	1.5	0.4	0.2	34,331	31,885	33,233	37,988	196,298	216,082	-9.2
Construction machinery.....	3,318	3,205	3,334	3.5	-3.9	5.4	3,059	3,100	3,607	2,677	19,742	18,773	5.2
Mining, oil field, and gas field machinery.....	1,404	1,331	1,784	5.5	-25.4	-2.1	1,640	1,394	1,572	3,289	10,433	17,386	-40.0
Industrial machinery.....	2,963	2,913	2,738	1.7	6.4	29.0	3,174	2,677	2,847	3,305	15,621	18,631	-16.2
Photographic equipment.....	498	478	645	4.2	-25.9	-10.2	434	461	675	472	3,214	3,149	2.1
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,944	3,924	3,759	0.5	4.4	-9.2	4,811	4,150	3,951	4,802	23,883	24,418	-2.2
Metalworking machinery.....	2,755	2,927	2,732	-5.9	7.1	-3.7	2,963	2,690	2,727	2,654	16,354	15,045	8.7
Turbines, generators, and other power transmission equipment.....	3,756	3,695	3,471	1.7	6.5	-11.5	4,061	3,659	3,557	5,645	22,709	26,294	-13.6
Material handling equipment.....	2,945	2,803	2,556	5.1	9.7	7.3	3,024	2,778	2,614	2,776	16,055	15,290	5.0
Computers and electronic products <sup>2</sup> .....	24,727	24,813	24,685	-0.3	0.5	-3.3	28,709	23,356	23,236	27,739	146,694	139,247	5.3
Computers.....	763	609	795	25.3	-23.4	4.7	1,042	575	737	1,235	4,143	4,690	-11.7
Nondefense communications equipment.....	3,688	3,548	3,429	3.9	3.5	-9.7	4,055	3,176	3,514	3,659	22,010	22,294	-1.3
Defense communications equipment.....	269	336	346	-19.9	-2.9	4.8	301	284	358	398	2,128	2,026	5.0
Electronic components.....	4,761	4,656	4,676	2.3	-0.4	5.8	5,343	4,627	4,613	4,133	26,704	21,649	23.3
Nondefense search and navigation equipment.....	1,503	1,579	1,463	-4.8	7.9	-13.8	1,794	1,505	1,685	1,884	9,590	9,169	4.6
Defense search and navigation equipment.....	2,437	2,598	2,673	-6.2	-2.8	-10.7	2,780	2,293	2,415	3,205	15,030	14,891	0.9
Electromedical, measuring, and control instruments.....	9,397	9,554	9,368	-1.6	2.0	-2.1	10,692	9,240	8,418	10,243	55,962	52,349	6.9
Electrical equipment, appliances, and components.....	10,112	9,975	10,382	1.4	-3.9	-2.8	11,140	9,954	10,275	11,996	62,358	64,038	-2.6
Electric lighting equipment.....	936	942	944	-0.6	-0.2	-4.6	975	882	956	1,027	5,539	5,779	-4.2
Household appliances.....	1,632	1,599	1,714	2.1	-6.7	-3.0	1,661	1,654	1,825	1,808	9,927	10,226	-2.9
Electrical equipment.....	3,119	3,189	3,268	-2.2	-2.4	-2.6	3,626	3,179	3,145	3,949	19,988	20,541	-2.7
Transportation equipment.....	78,492	71,807	76,623	9.3	-6.3	-4.0	89,959	65,572	70,517	86,348	438,740	449,802	-2.5
Motor vehicle bodies, parts, and trailers.....	25,564	25,414	25,775	0.6	-1.4	2.5	27,002	25,811	26,338	24,272	154,680	141,712	9.2
Nondefense aircraft and parts.....	17,107	10,343	15,147	65.4	-31.7	-10.7	20,569	5,090	8,744	18,489	67,743	81,603	-17.0
Defense aircraft and parts.....	5,078	3,876	4,296	31.0	-9.8	-14.1	6,655	3,113	3,588	7,926	23,376	28,311	-17.4
Ships and boats.....	2,737	2,176	1,961	25.8	11.0	-13.0	3,324	1,837	2,422	2,493	14,450	26,626	-45.7
Furniture and related products.....	6,305	6,271	6,154	0.5	1.9	-2.3	6,484	6,368	6,394	6,197	38,247	36,104	5.9
Nondurable goods industries.....	243,561	242,554	242,457	0.4	0.0	0.3	250,811	248,529	245,105	272,663	1,443,416	1,590,581	-9.3

<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 June 2015/ 2014
	Monthly			Percent Change			Monthly				
	June 2015 <sup>p</sup>	May 2015 <sup>r</sup>	Apr. 2015	May - June	Apr. - May	Mar. - Apr.	June 2015 <sup>p</sup>	May 2015 <sup>r</sup>	Apr. 2015	June 2014	
All manufacturing industries <sup>2</sup> .....	1,194,700	1,194,695	1,200,999	0.0	-0.5	-0.2	1,195,753	1,194,686	1,208,043	1,143,562	4.6
Excluding transportation <sup>2</sup> .....	395,554	396,064	397,164	-0.1	-0.3	-0.4	398,475	401,251	403,343	396,068	0.6
Excluding defense <sup>2</sup> .....	1,012,307	1,010,237	1,015,687	0.2	-0.5	-0.1	1,011,036	1,010,791	1,021,429	942,382	7.3
Durable goods industries <sup>2</sup> .....	1,194,700	1,194,695	1,200,999	0.0	-0.5	-0.2	1,195,753	1,194,686	1,208,043	1,143,562	4.6
Primary metals.....	35,860	35,850	35,625	0.0	0.6	0.0	36,153	36,327	36,557	37,419	-3.4
Iron and steel mills.....	18,569	18,579	18,291	-0.1	1.6	1.4	18,909	18,920	18,893	20,634	-8.4
Aluminum and nonferrous metals.....	12,181	12,263	12,332	-0.7	-0.6	-1.5	12,187	12,350	12,610	11,887	2.5
Ferrous metal foundries.....	5,110	5,008	5,002	2.0	0.1	-1.0	5,057	5,057	5,054	4,898	3.2
Fabricated metal products.....	82,236	81,857	82,057	0.5	-0.2	-0.6	83,404	83,693	83,561	83,368	0.0
Machinery.....	112,488	113,664	115,192	-1.0	-1.3	-1.2	112,763	114,862	116,877	121,026	-6.8
Construction machinery.....	6,606	6,882	7,346	-4.0	-6.3	-5.7	6,519	7,059	7,677	9,160	-28.8
Mining, oil field, and gas field machinery.....	9,910	10,247	10,689	-3.3	-4.1	-1.3	10,013	10,227	10,536	12,863	-22.2
Industrial machinery.....	8,434	8,616	8,687	-2.1	-0.8	-1.3	8,550	8,742	8,986	10,395	-17.7
Photographic equipment.....	1,651	1,686	1,735	-2.1	-2.8	5.7	1,638	1,761	1,784	1,548	5.8
Ventilation, heating, air-conditioning, and refrigeration equipment.....	7,674	7,611	7,577	0.8	0.4	-2.2	7,694	7,853	7,959	7,042	9.3
Metalworking machinery.....	6,878	6,973	7,049	-1.4	-1.1	-0.2	6,860	7,050	7,199	7,342	-6.6
Turbines, generators, and other power transmission equipment.....	32,545	32,963	33,365	-1.3	-1.2	-1.6	32,567	32,849	33,414	35,745	-8.9
Material handling equipment.....	11,806	11,455	11,208	3.1	2.2	-0.2	12,075	11,748	11,530	10,015	20.6
Computers and electronic products <sup>2</sup> .....	133,656	133,302	132,601	0.3	0.5	0.4	133,994	134,209	134,022	123,658	8.4
Computers.....	2,629	2,565	2,639	2.5	-2.8	3.4	2,629	2,565	2,639	2,185	20.3
Nondefense communications equipment.....	35,977	35,687	35,457	0.8	0.6	0.0	35,963	36,162	36,152	31,192	15.3
Defense communications equipment.....	2,928	2,942	2,916	-0.5	0.9	-0.3	2,975	2,944	2,955	3,145	-5.4
Electronic components.....	11,000	10,995	10,960	0.0	0.3	0.6	10,974	11,055	11,053	10,580	3.7
Nondefense search and navigation equipment.....	19,153	18,997	18,783	0.8	1.1	1.0	19,328	19,052	18,877	16,058	20.4
Defense search and navigation equipment.....	32,394	32,663	32,766	-0.8	-0.3	0.0	32,529	32,669	32,966	33,111	-1.8
Electromedical, measuring, and control instruments.....	29,575	29,453	29,080	0.4	1.3	0.5	29,596	29,762	29,380	27,387	8.1
Electrical equipment, appliances, and components.....	22,693	22,774	23,095	-0.4	-1.4	-0.2	23,017	23,017	23,343	22,217	3.6
Electric lighting equipment.....	1,100	1,115	1,129	-1.3	-1.2	-3.4	1,129	1,117	1,129	1,130	-0.1
Household appliances.....	1,710	1,692	1,719	1.1	-1.6	4.8	1,664	1,739	1,772	1,382	20.4
Electrical equipment.....	9,563	9,538	9,533	0.3	0.1	0.0	9,661	9,639	9,628	8,788	9.9
Transportation equipment.....	799,146	798,631	803,835	0.1	-0.6	-0.1	797,278	793,435	804,700	747,494	6.7
Motor vehicle bodies, parts, and trailers.....	21,671	21,651	21,634	0.1	0.1	0.6	21,479	21,902	22,052	19,794	8.5
Nondefense aircraft and parts.....	611,718	608,838	612,859	0.5	-0.7	0.0	608,080	604,194	612,555	546,289	11.3
Defense aircraft and parts.....	65,151	65,539	66,176	-0.6	-1.0	-0.3	65,469	64,958	66,311	70,834	-7.6
Ships and boats.....	27,936	28,048	28,627	-0.4	-2.0	-2.8	28,703	28,518	29,519	36,003	-20.3
Furniture and related products.....	7,763	7,768	7,768	-0.1	0.0	-1.3	8,286	8,294	8,157	7,629	8.6

<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 June 2015/ 2014
	Monthly			Percent Change			Monthly				
	June 2015 <sup>p</sup>	May 2015 <sup>r</sup>	Apr. 2015	May - June	Apr. - May	Mar. - Apr.	June 2015 <sup>p</sup>	May 2015 <sup>r</sup>	Apr. 2015	June 2014	
All manufacturing industries.....	653,560	649,972	649,569	0.6	0.1	0.2	649,046	654,101	652,942	649,512	-0.1
Excluding transportation.....	521,721	519,743	519,451	0.4	0.1	0.2	518,518	523,083	521,733	527,326	-1.7
Excluding defense.....	625,864	623,024	623,005	0.5	0.0	0.1	621,369	627,134	626,174	623,929	-0.4
With unfilled orders.....	328,792	326,829	327,815	0.6	-0.3	0.1	327,035	329,374	329,873	315,037	3.8
Durable goods industries.....	403,008	400,446	401,392	0.6	-0.2	0.2	400,131	403,242	403,681	384,922	4.0
Wood products.....	11,285	11,228	11,212	0.5	0.1	0.7	11,048	11,106	11,213	10,292	7.3
Nonmetallic mineral products.....	13,174	13,167	13,140	0.1	0.2	-0.1	13,310	13,434	13,390	13,139	1.3
Primary metals.....	37,580	37,750	38,024	-0.5	-0.7	-0.6	37,183	37,618	37,911	37,641	-1.2
Iron and steel mills.....	21,792	21,850	22,028	-0.3	-0.8	-1.8	21,460	21,646	21,852	22,235	-3.5
Aluminum and nonferrous metals.....	13,786	13,904	14,018	-0.8	-0.8	1.2	13,743	13,944	14,037	13,477	2.0
Ferrous metal foundries.....	2,002	1,996	1,978	0.3	0.9	-0.2	1,980	2,028	2,022	1,929	2.6
Fabricated metal products.....	49,268	49,085	49,296	0.4	-0.4	0.1	49,221	49,554	49,779	47,725	3.1
Machinery.....	67,072	66,946	67,185	0.2	-0.4	0.1	66,610	67,730	67,639	65,628	1.5
Farm machinery.....	3,328	3,377	3,322	-1.5	1.7	-4.2	3,420	3,497	3,403	4,163	-17.8
Construction machinery.....	7,337	7,242	7,318	1.3	-1.0	3.5	7,334	7,200	7,365	5,273	39.1
Mining, oil field, and gas field machinery.....	5,614	5,716	5,893	-1.8	-3.0	-2.2	5,679	5,873	6,004	7,249	-21.7
Industrial machinery.....	6,023	5,986	6,062	0.6	-1.3	-4.2	6,020	6,042	6,052	6,330	-4.9
Photographic equipment.....	1,379	1,387	1,377	-0.6	0.7	0.1	1,353	1,381	1,330	1,304	3.8
Ventilation, heating, air-conditioning, and refrigeration equipment.....	5,407	5,351	5,334	1.0	0.3	-0.4	5,431	5,656	5,590	5,018	8.2
Metalworking machinery.....	5,652	5,656	5,682	-0.1	-0.5	0.2	5,645	5,677	5,636	5,304	6.4
Turbines, generators, and other power transmission equipment.....	10,003	10,031	10,162	-0.3	-1.3	1.0	9,591	10,154	10,144	9,652	-0.6
Material handling equipment.....	4,155	4,123	4,099	0.8	0.6	1.3	4,174	4,099	4,063	3,878	7.6
Computers and electronic products <sup>2</sup> .....	46,169	45,860	45,990	0.7	-0.3	0.7	45,572	46,229	46,041	43,547	4.7
Computers.....	1,290	1,200	1,169	7.5	2.7	4.9	1,278	1,207	1,147	1,062	20.3
Computer storage devices.....	1,543	1,516	1,477	1.8	2.6	0.9	1,431	1,511	1,415	1,325	8.0
Other peripheral equipment.....	1,269	1,278	1,286	-0.7	-0.6	0.0	1,225	1,320	1,302	1,332	-8.0
Nondefense communications equipment.....	4,784	4,920	4,951	-2.8	-0.6	-0.5	4,693	4,935	4,865	5,181	-9.4
Defense communications equipment.....	831	813	815	2.2	-0.2	1.7	831	813	815	954	-12.9
Audio and video equipment.....	824	802	802	2.7	0.0	8.1	768	725	737	622	23.5
Electronic components.....	8,282	8,094	8,185	2.3	-1.1	-0.1	8,161	8,168	8,382	7,204	13.3
Nondefense search and navigation equipment.....	3,448	3,405	3,424	1.3	-0.6	0.8	3,413	3,403	3,453	3,172	7.6
Defense search and navigation equipment.....	3,094	3,116	3,098	-0.7	0.6	1.3	3,113	3,274	3,147	2,715	14.7
Electromedical, measuring and control instruments.....	14,472	14,526	14,623	-0.4	-0.7	0.2	14,327	14,749	14,710	14,330	0.0
Electrical equipment, appliances, and components.....	16,615	16,547	16,673	0.4	-0.8	0.1	16,663	16,775	16,835	16,034	3.9
Electric lighting equipment.....	1,829	1,813	1,876	0.9	-3.4	-0.2	1,839	1,840	1,881	1,852	-0.7
Household appliances.....	2,066	2,056	2,046	0.5	0.5	0.1	2,093	2,091	2,095	2,061	1.6
Electrical equipment.....	5,083	5,037	5,022	0.9	0.3	-0.4	5,014	5,113	5,072	4,905	2.2
Batteries.....	1,357	1,346	1,341	0.8	0.4	0.0	1,392	1,372	1,360	1,335	4.3
Transportation equipment.....	131,839	130,229	130,118	1.2	0.1	0.3	130,528	131,018	131,209	122,186	6.8
Automobiles.....	5,057	5,102	5,115	-0.9	-0.3	-0.2	4,633	4,992	5,166	3,990	16.1
Light trucks and utility vehicles.....	3,931	3,918	3,939	0.3	-0.5	0.3	3,649	3,925	3,993	3,457	5.6
Heavy duty trucks.....	1,967	1,889	1,829	4.1	3.3	3.7	1,939	1,934	1,839	1,571	23.4
Motor vehicle bodies, parts, and trailers.....	25,391	25,283	25,224	0.4	0.2	-0.4	24,999	25,280	25,387	22,671	10.3
Nondefense aircraft and parts.....	66,628	65,951	66,246	1.0	-0.4	-0.3	66,615	67,024	67,001	63,716	4.5
Defense aircraft and parts.....	12,433	12,923	12,957	-3.8	-0.3	2.2	12,403	13,014	13,027	12,652	-2.0
Ships and boats.....	2,149	2,157	2,148	-0.4	0.4	-0.9	2,150	2,093	2,123	2,404	-10.6
Furniture and related products.....	7,208	7,156	7,102	0.7	0.8	-0.3	7,419	7,238	7,056	6,894	7.6
Miscellaneous durable goods.....	22,798	22,478	22,652	1.4	-0.8	0.1	22,577	22,540	22,608	21,836	3.4
Nondurable goods industries.....	250,552	249,526	248,177	0.4	0.5	0.2	248,915	250,859	249,261	264,590	-5.9
Food products.....	52,773	52,960	52,767	-0.4	0.4	0.3	51,350	51,647	51,429	52,157	-1.5
Grain and oilseed milling.....	5,952	5,828	5,741	2.1	1.5	-2.1	5,756	5,492	5,628	6,135	-6.2
Dairy products.....	8,048	8,014	8,004	0.4	0.1	-1.2	8,337	8,326	8,225	8,855	-5.8
Meat, poultry, and seafood products.....	9,184	9,458	9,486	-2.9	-0.3	0.1	9,043	9,391	9,277	9,425	-4.1
Beverage and tobacco products.....	20,056	19,994	19,691	0.3	1.5	-0.1	19,473	19,814	19,815	18,824	3.4
Beverages.....	15,781	15,761	15,493	0.1	1.7	-0.3	15,394	15,676	15,619	15,019	2.5
Tobacco.....	4,275	4,233	4,198	1.0	0.8	0.5	4,079	4,138	4,196	3,805	7.2
Textile mills.....	3,245	3,246	3,223	0.0	0.7	-0.6	3,257	3,278	3,238	3,281	-0.7
Textile products.....	2,964	2,970	2,979	-0.2	-0.3	-0.4	2,989	3,009	3,003	3,106	-3.8
Apparel.....	2,511	2,505	2,480	0.2	1.0	1.9	2,562	2,477	2,395	2,253	13.7
Leather and allied products.....	870	876	863	-0.7	1.5	-0.1	877	883	839	871	0.7
Paper products.....	16,653	16,577	16,557	0.5	0.1	0.0	16,609	16,636	16,584	16,220	2.4
Pulp, paper, and paperboard mills.....	7,384	7,285	7,242	1.4	0.6	0.0	7,348	7,368	7,290	6,398	14.8
Paperboard containers.....	4,643	4,669	4,704	-0.6	-0.7	0.0	4,644	4,669	4,693	5,227	-11.2
Printing.....	5,813	5,760	5,747	0.9	0.2	1.3	5,861	5,709	5,751	5,477	7.0
Petroleum and coal products.....	39,387	38,512	37,437	2.3	2.9	1.2	39,471	39,499	37,685	53,468	-26.2
Petroleum refineries.....	34,611	33,803	32,683	2.4	3.4	2.1	34,679	34,712	32,930	48,614	-28.7
Chemical products.....	81,580	81,527	81,841	0.1	-0.4	-0.1	81,789	82,920	83,407	84,116	-2.8
Pesticides, fertilizers, and other agricultural chemicals.....	4,707	4,755	4,769	-1.0	-0.3	5.0	4,313	4,619	4,952	4,484	-3.8
Pharmaceuticals and medicines.....	31,641	31,473	31,445	0.5	0.1	0.2	32,288	32,363	32,207	32,009	0.9
Paints, coatings, and adhesives.....	3,595	3,680	3,777	-2.3	-2.6	-0.3	3,643	3,787	3,952	3,671	-0.8
Plastics and rubber products.....	24,700	24,599	24,592	0.4	0.0	-0.2	24,677	24,987	25,115	24,817	-0.6

<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> 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<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						
	Monthly			Percent Change			Monthly			Year to date		% Change <sup>6</sup>	
	June 2015 <sup>6</sup>	May 2015 <sup>7</sup>	Apr. 2015	May - June	Apr. - May	Mar. - Apr.	June 2015 <sup>6</sup>	May 2015 <sup>7</sup>	Apr. 2015	June 2014	2015 <sup>6</sup>		2014
<b>SHIPMENTS</b>													
All manufacturing industries.....	483,530	481,347	482,323	0.5	-0.2	0.0	512,244	486,421	485,384	525,249	2,874,657	2,982,098	-3.6
Construction materials and supplies.....	45,670	45,710	46,439	-0.1	-1.6	0.0	50,620	47,579	47,765	51,384	274,217	271,523	1.0
Information technology.....	23,809	23,701	23,846	0.5	-0.6	-0.1	28,003	22,782	21,839	27,404	140,247	136,396	2.8
Computers and related products.....	2,146	2,095	2,120	2.4	-1.2	-6.3	3,231	1,812	1,686	3,586	12,573	13,797	-8.9
Motor vehicle and parts.....	50,797	50,782	50,796	0.0	0.0	-0.8	55,039	51,486	52,436	48,288	305,578	278,997	9.5
Capital goods.....	89,175	88,052	89,080	1.3	-1.2	0.6	99,446	86,161	85,630	95,975	525,079	509,410	3.1
Nondefense capital goods <sup>3</sup> .....	78,803	78,665	79,634	0.2	-1.2	0.9	88,243	76,917	76,710	85,982	468,811	453,908	3.3
Excluding aircraft.....	69,094	68,901	69,177	0.3	-0.4	0.2	76,823	67,886	67,274	75,585	412,785	408,125	1.1
Defense capital goods <sup>4</sup> .....	10,372	9,387	9,446	10.5	-0.6	-1.9	11,203	9,244	8,920	9,993	56,268	55,502	1.4
Consumer goods.....	195,031	194,225	193,075	0.4	0.6	-0.1	200,305	197,657	193,170	215,878	1,145,177	1,265,082	-9.5
Consumer durable goods.....	35,491	35,536	35,306	-0.1	0.7	-0.7	38,179	35,777	36,135	34,502	212,323	201,400	5.4
Consumer nondurable goods.....	159,540	158,689	157,769	0.5	0.6	0.1	162,126	161,880	157,035	181,376	932,854	1,063,682	-12.3
<b>NEW ORDERS</b>													
All manufacturing industries <sup>5</sup> .....	478,499	469,833	475,026	1.8	-1.1	-0.7	509,206	468,957	473,214	533,247	2,827,483	3,004,382	-5.9
Construction materials and supplies.....	46,176	45,623	46,161	1.2	-1.2	-0.5	50,559	47,864	48,400	51,442	276,243	277,504	-0.5
Information technology.....	24,014	24,033	24,260	-0.1	-0.9	-5.0	27,787	22,652	22,830	28,435	145,251	143,252	1.4
Computers and related products.....	2,210	2,021	2,207	9.4	-8.4	-3.8	3,295	1,738	1,773	3,700	12,730	13,993	-9.0
Motor vehicle and parts.....	50,817	50,799	50,915	0.0	-0.2	0.5	54,616	51,336	52,078	48,235	305,027	279,871	9.0
Capital goods.....	89,270	82,448	87,369	8.3	-5.6	-3.4	101,902	75,145	81,108	105,561	509,990	545,603	-6.5
Nondefense capital goods <sup>3</sup> .....	80,282	73,608	79,256	9.1	-7.1	-2.2	89,478	68,409	73,935	91,729	457,519	480,582	-4.8
Excluding aircraft.....	67,992	67,530	68,051	0.7	-0.8	-0.7	74,476	66,037	67,827	79,052	414,575	429,777	-3.5
Defense capital goods <sup>4</sup> .....	8,988	8,840	8,113	1.7	9.0	-13.5	12,424	6,736	7,173	13,832	52,471	65,021	-19.3
Consumer goods.....	195,035	194,207	193,001	0.4	0.6	-0.2	200,068	197,545	193,110	215,818	1,145,297	1,265,345	-9.5
Consumer durable goods.....	35,495	35,518	35,232	-0.1	0.8	-1.3	37,942	35,665	36,075	34,442	212,443	201,663	5.3
Consumer nondurable goods.....	159,540	158,689	157,769	0.5	0.6	0.1	162,126	161,880	157,035	181,376	932,854	1,063,682	-12.3
<b>UNFILLED ORDERS</b>													
All manufacturing industries <sup>5</sup> .....	1,194,700	1,194,695	1,200,999	0.0	-0.5	-0.2	1,195,753	1,194,686	1,208,043	1,143,562	(X)	(X)	4.6
Construction materials and supplies.....	55,002	54,496	54,583	0.9	-0.2	-0.5	55,668	55,729	55,444	53,531	(X)	(X)	4.0
Information technology.....	134,627	134,422	134,090	0.2	0.2	0.3	135,221	135,437	135,567	125,543	(X)	(X)	7.7
Computers and related products.....	2,629	2,565	2,639	2.5	-2.8	3.4	2,629	2,565	2,639	2,185	(X)	(X)	20.3
Motor vehicle and parts.....	21,671	21,651	21,634	0.1	0.1	0.6	21,479	21,902	22,052	19,794	(X)	(X)	8.5
Capital goods.....	907,744	907,649	913,253	0.0	-0.6	-0.2	909,145	906,689	917,705	859,451	(X)	(X)	5.8
Nondefense capital goods <sup>3</sup> .....	758,411	756,932	761,989	0.2	-0.7	0.0	757,702	756,467	764,975	693,441	(X)	(X)	9.3
Excluding aircraft.....	246,489	247,591	248,962	-0.4	-0.6	-0.5	248,156	250,503	252,352	243,177	(X)	(X)	2.0
Defense capital goods <sup>4</sup> .....	149,333	150,717	151,264	-0.9	-0.4	-0.9	151,443	150,222	152,730	166,010	(X)	(X)	-8.8
Consumer goods.....	5,482	5,478	5,496	0.1	-0.3	-1.3	5,383	5,620	5,732	4,850	(X)	(X)	11.0
Consumer durable goods.....	5,482	5,478	5,496	0.1	-0.3	-1.3	5,383	5,620	5,732	4,850	(X)	(X)	11.0
<b>TOTAL INVENTORIES</b>													
All manufacturing industries.....	653,560	649,972	649,569	0.6	0.1	0.2	649,046	654,101	652,942	649,512	(X)	(X)	-0.1
Construction materials and supplies.....	66,110	65,832	66,103	0.4	-0.4	-0.1	66,029	66,684	67,074	63,634	(X)	(X)	3.8
Information technology.....	39,344	39,387	39,543	-0.1	-0.4	0.6	38,884	39,807	39,482	38,019	(X)	(X)	2.3
Computers and related products.....	4,102	3,994	3,932	2.7	1.6	1.8	3,934	4,038	3,864	3,719	(X)	(X)	5.8
Motor vehicle and parts.....	36,346	36,192	36,107	0.4	0.2	-0.1	35,220	36,131	36,385	31,689	(X)	(X)	11.1
Capital goods.....	200,040	198,109	198,974	1.0	-0.4	0.4	199,365	200,078	200,162	192,345	(X)	(X)	3.6
Nondefense capital goods <sup>3</sup> .....	177,280	176,176	177,319	0.6	-0.6	0.1	176,594	178,217	178,373	171,679	(X)	(X)	2.9
Excluding aircraft.....	121,728	121,313	121,864	0.3	-0.5	0.2	120,853	122,377	122,101	118,847	(X)	(X)	1.7
Defense capital goods <sup>4</sup> .....	22,760	21,933	21,655	3.8	1.3	2.9	22,771	21,861	21,789	20,666	(X)	(X)	10.2
Consumer goods.....	189,058	187,892	186,142	0.6	0.9	0.5	186,835	188,093	185,799	197,945	(X)	(X)	-5.6
Consumer durable goods.....	29,469	29,298	29,252	0.6	0.2	0.5	28,530	29,156	29,258	26,844	(X)	(X)	6.3
Consumer nondurable goods.....	159,589	158,594	156,890	0.6	1.1	0.5	158,305	158,937	156,541	171,101	(X)	(X)	-7.5

X Not Applicable      <sup>6</sup> Preliminary      <sup>7</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 June 2015/ 2014	
	June 2015 <sup>p</sup>	May 2015 <sup>f</sup>	Apr. 2015	May - June	Apr. - May	Mar. - Apr.	June 2015 <sup>p</sup>	May 2015 <sup>f</sup>	Apr. 2015	June 2014		
<b>MATERIALS AND SUPPLIES</b>												
All manufacturing industries.....	216,453	215,646	216,181	0.4	-0.2	0.2	214,248	215,300	216,309	216,208	-0.9	
Durable goods industries.....	134,612	134,175	134,681	0.3	-0.4	0.1	132,849	133,744	134,336	130,761	1.6	
Wood products.....	4,542	4,562	4,573	-0.4	-0.2	2.9	4,310	4,297	4,318	3,993	7.9	
Nonmetallic mineral products.....	5,121	5,120	5,084	0.0	0.7	1.5	5,136	5,129	5,103	5,113	0.4	
Primary metals.....	14,377	14,552	14,738	-1.2	-1.3	-0.4	14,171	14,213	14,352	14,563	-2.7	
Fabricated metal products.....	17,877	17,774	17,948	0.6	-1.0	-0.3	17,734	17,710	18,015	17,778	-0.2	
Machinery.....	26,475	26,482	26,532	0.0	-0.2	0.4	26,365	26,752	26,644	25,344	4.0	
Computers and electronic products.....	19,100	18,918	19,048	1.0	-0.7	0.0	18,812	18,973	19,090	18,072	4.1	
Electrical equipment, appliances, and components.....	6,494	6,508	6,695	-0.2	-2.8	0.4	6,494	6,571	6,703	6,662	-2.5	
Transportation equipment.....	29,211	28,905	28,870	1.1	0.1	-0.5	28,371	28,651	28,950	28,145	0.8	
Furniture and related products.....	3,745	3,721	3,677	0.6	1.2	-0.1	3,800	3,744	3,675	3,541	7.3	
Miscellaneous products.....	7,670	7,633	7,516	0.5	1.6	0.0	7,656	7,704	7,486	7,550	1.4	
Nondurable goods industries.....	81,841	81,471	81,500	0.5	0.0	0.3	81,399	81,556	81,973	85,447	-4.7	
Food products.....	18,205	17,959	17,912	1.4	0.3	0.1	17,814	17,367	17,721	17,838	-0.1	
Beverage and tobacco products.....	5,126	5,133	5,075	-0.1	1.1	0.0	4,979	5,119	5,189	4,942	0.7	
Textiles.....	1,179	1,175	1,161	0.3	1.2	0.3	1,189	1,190	1,168	1,170	1.6	
Textile products.....	1,140	1,144	1,192	-0.3	-4.0	1.1	1,153	1,161	1,202	1,177	-2.0	
Apparel.....	859	845	827	1.7	2.2	3.9	879	842	815	677	29.8	
Leather and allied products.....	252	248	245	1.6	1.2	0.4	252	249	242	257	-1.9	
Paper products.....	8,569	8,545	8,514	0.3	0.4	0.0	8,543	8,535	8,493	8,230	3.8	
Printing.....	2,806	2,822	2,801	-0.6	0.7	1.9	2,823	2,803	2,791	2,697	4.7	
Petroleum and coal products.....	8,790	8,565	8,449	2.6	1.4	1.7	8,948	8,941	8,679	12,118	-26.2	
Chemical products.....	24,956	25,098	25,371	-0.6	-1.1	-0.2	24,942	25,390	25,616	26,149	-4.6	
Plastics and rubber products.....	9,959	9,937	9,953	0.2	-0.2	0.4	9,877	9,959	10,057	10,192	-3.1	
<b>WORK IN PROCESS</b>												
All manufacturing industries.....	206,938	204,633	203,923	1.1	0.3	0.3	205,740	206,270	205,619	202,846	1.4	
Durable goods industries.....	158,530	156,619	156,629	1.1	0.0	0.1	158,142	158,209	157,934	148,588	6.4	
Wood products.....	2,385	2,344	2,254	1.7	4.0	-0.6	2,392	2,373	2,288	2,155	11.0	
Nonmetallic mineral products.....	1,505	1,506	1,497	-0.1	0.6	1.3	1,535	1,540	1,543	1,374	11.7	
Primary metals.....	11,516	11,424	11,590	0.8	-1.4	-1.1	11,439	11,457	11,715	11,023	3.8	
Fabricated metal products.....	13,112	13,113	13,272	0.0	-1.2	-0.5	13,077	13,214	13,317	13,123	-0.4	
Machinery.....	19,456	19,541	19,678	-0.4	-0.7	-1.0	19,211	19,772	19,662	19,667	-2.3	
Computers and electronic products.....	15,809	15,539	15,366	1.7	1.1	0.7	15,899	15,798	15,580	14,719	8.0	
Electrical equipment, appliances, and components.....	3,996	3,945	3,906	1.3	1.0	0.0	3,989	4,017	3,951	3,602	10.7	
Transportation equipment.....	85,631	84,294	84,196	1.6	0.1	0.5	85,636	85,089	84,988	78,548	9.0	
Furniture and related products.....	1,052	1,079	1,048	-2.5	3.0	0.0	1,067	1,086	1,047	1,009	5.7	
Miscellaneous products.....	3,888	3,834	3,822	1.4	0.3	2.7	3,897	3,863	3,843	3,368	15.7	
Nondurable goods industries.....	48,588	48,014	47,294	1.2	1.5	0.9	47,598	48,061	47,685	54,258	-12.3	
Food products.....	5,582	5,638	5,516	-1.0	2.2	2.6	5,072	5,194	5,108	4,917	3.2	
Beverage and tobacco products.....	7,299	7,233	7,121	0.9	1.6	0.8	6,714	6,917	7,038	6,297	6.6	
Textiles.....	448	448	450	0.0	-0.4	0.2	448	454	459	437	2.5	
Textile products.....	326	326	321	0.0	1.6	-4.7	350	330	317	356	-1.7	
Apparel.....	99	93	91	6.5	2.2	-6.2	95	94	92	93	2.2	
Leather and allied products.....	1,339	1,312	1,294	2.1	1.4	-1.4	1,341	1,318	1,301	1,278	4.9	
Paper products.....	1,385	1,340	1,327	3.4	1.0	2.1	1,348	1,276	1,337	1,210	11.4	
Printing.....	11,234	10,600	10,146	6.0	4.5	6.5	11,092	10,862	10,450	17,418	-36.3	
Petroleum and coal products.....	17,398	17,552	17,545	-0.9	0.0	-2.1	17,658	18,106	18,049	18,795	-6.0	
Chemical products.....	2,709	2,706	2,705	0.1	0.0	-1.1	2,713	2,740	2,756	2,660	2.0	
Plastics and rubber products.....	<b>FINISHED GOODS</b>											
All manufacturing industries.....	230,169	229,693	229,465	0.2	0.1	0.1	229,058	232,531	231,014	230,458	-0.6	
Durable goods industries.....	110,046	109,652	110,082	0.4	-0.4	0.3	109,140	111,289	111,411	105,573	3.4	
Wood products.....	4,358	4,322	4,385	0.8	-1.4	-0.7	4,346	4,436	4,607	4,144	4.9	
Nonmetallic mineral products.....	6,548	6,541	6,559	0.1	-0.3	-1.6	6,639	6,765	6,744	6,652	-0.2	
Primary metals.....	11,687	11,774	11,696	-0.7	0.7	-0.3	11,573	11,948	11,844	12,055	-4.0	
Fabricated metal products.....	18,279	18,198	18,076	0.4	0.7	0.9	18,410	18,630	18,447	16,824	9.4	
Machinery.....	21,141	20,923	20,975	1.0	-0.2	0.7	21,034	21,206	21,333	20,617	2.0	
Computers and electronic products.....	11,260	11,403	11,576	-1.3	-1.5	1.8	10,861	11,458	11,371	10,756	1.0	
Electrical equipment, appliances, and components.....	6,125	6,094	6,072	0.5	0.4	0.0	6,180	6,187	6,181	5,770	7.1	
Transportation equipment.....	16,997	17,030	17,052	-0.2	-0.1	0.7	16,521	17,278	17,271	15,493	6.6	
Furniture and related products.....	2,411	2,356	2,377	2.3	-0.9	-0.8	2,552	2,408	2,334	2,344	8.9	
Miscellaneous products.....	11,240	11,011	11,314	2.1	-2.7	-0.7	11,024	10,973	11,279	10,918	1.0	
Nondurable goods industries.....	120,123	120,041	119,383	0.1	0.6	-0.1	119,918	121,242	119,603	124,885	-4.0	
Food products.....	28,986	29,363	29,339	-1.3	0.1	0.0	28,464	29,086	28,600	29,402	-3.2	
Beverage and tobacco products.....	7,631	7,628	7,495	0.0	1.8	-1.0	7,780	7,778	7,588	7,585	2.6	
Textiles.....	1,297	1,305	1,284	-0.6	1.6	-2.7	1,301	1,318	1,292	1,314	-1.0	
Textile products.....	1,376	1,378	1,337	-0.1	3.1	-1.9	1,388	1,394	1,342	1,492	-7.0	
Apparel.....	1,326	1,334	1,332	-0.6	0.2	2.4	1,333	1,305	1,263	1,220	9.3	
Leather and allied products.....	519	535	527	-3.0	1.5	0.8	530	540	505	521	1.7	
Paper products.....	6,745	6,720	6,749	0.4	-0.4	0.2	6,725	6,783	6,790	6,712	0.2	
Printing.....	1,622	1,598	1,619	1.5	-1.3	-0.4	1,690	1,630	1,623	1,570	7.6	
Petroleum and coal products.....	19,363	19,347	18,842	0.1	2.7	-1.6	19,431	19,696	18,556	23,932	-18.8	
Chemical products.....	39,226	38,877	38,925	0.9	-0.1	0.9	39,189	39,424	39,742	39,172	0.0	
Plastics and rubber products.....	12,032	11,956	11,934	0.6	0.2	-0.5	12,087	12,288	12,302	11,965	1.0	

<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>			
	Jun 2015 <sup>3</sup>	May 2015 <sup>3</sup>	Apr 2015	Mar 2015	Jun 2015 <sup>3</sup>	May 2015 <sup>3</sup>	Apr 2015	Mar 2015
	All manufacturing industries <sup>3</sup> .....	1.35	1.35	1.35	1.34	(X)	(X)	(X)
Durable goods industries <sup>3</sup> .....	1.68	1.68	1.67	1.67	6.94	6.99	6.98	6.99
Wood products.....	1.44	1.44	1.42	1.40	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.38	1.39	1.36	1.35	(X)	(X)	(X)	(X)
Primary metals.....	1.77	1.77	1.77	1.74	1.69	1.68	1.66	1.62
Fabricated metal products.....	1.65	1.64	1.64	1.64	2.83	2.82	2.81	2.83
Machinery.....	2.00	2.00	2.02	2.02	3.63	3.66	3.73	3.78
Computers and electronic products <sup>3</sup> .....	1.57	1.56	1.59	1.58	5.95	6.01	5.95	5.99
Electrical equipment, appliances, and components.....	1.63	1.61	1.60	1.59	2.44	2.41	2.41	2.41
Transportation equipment.....	1.69	1.69	1.68	1.67	15.16	15.47	15.35	15.39
Furniture and related products.....	1.14	1.14	1.14	1.15	1.44	1.45	1.45	1.48
Miscellaneous products.....	1.63	1.61	1.58	1.59	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.03	1.03	1.02	1.02	(X)	(X)	(X)	(X)
Food products.....	0.80	0.80	0.80	0.79	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.61	1.60	1.54	1.56	(X)	(X)	(X)	(X)
Textiles.....	1.27	1.28	1.26	1.27	(X)	(X)	(X)	(X)
Textile products.....	1.57	1.57	1.57	1.62	(X)	(X)	(X)	(X)
Apparel.....	2.22	2.23	2.22	2.13	(X)	(X)	(X)	(X)
Leather and allied products.....	1.89	1.89	1.79	1.82	(X)	(X)	(X)	(X)
Paper products.....	1.04	1.03	1.02	1.02	(X)	(X)	(X)	(X)
Printing.....	0.80	0.80	0.80	0.79	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.74	0.74	0.73	0.72	(X)	(X)	(X)	(X)
Chemical products.....	1.28	1.29	1.29	1.30	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.28	1.29	1.29	1.28	(X)	(X)	(X)	(X)

X Not Applicable    <sup>3</sup> Preliminary    <sup>1</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	
	Jun <sup>2</sup> 2015	Jun <sup>3</sup> 2014- May 2015	Jun <sup>2</sup> 2015	Jun <sup>3</sup> 2014- May 2015	Jun <sup>2</sup> 2015	Jun <sup>3</sup> 2014- May 2015	Jun <sup>2</sup> 2015	Jun <sup>3</sup> 2014- May 2015
	All manufacturing industries.....	(X)	0.2	(X)	0.3	(X)	0.1	(X)
Durable goods industries.....	0.4	0.3	0.0	0.7	-0.1	0.1	0.2	0.1
Wood products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.3
Nonmetallic mineral products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.2
Primary metals.....	0.2	0.4	0.0	1.1	0.0	0.5	0.0	0.4
Fabricated metal products.....	0.1	0.3	0.0	0.5	-0.1	0.1	0.0	0.1
Machinery.....	0.5	0.6	0.1	0.8	-0.1	0.1	0.0	0.2
Computers and electronic products.....	-0.1	0.4	-0.5	0.5	-0.1	0.1	-0.3	0.2
Electrical equipment, appliances, and components.....	-0.2	0.5	-1.4	1.0	-0.8	0.3	0.0	0.4
Transportation equipment.....	0.8	0.4	0.4	1.2	0.0	0.1	0.7	0.1
Furniture and related products.....	(X)	0.4	(X)	0.7	(X)	0.5	(X)	0.3
Miscellaneous products.....	(X)	0.7	(X)	0.7	(X)	0.4	(X)	0.3
Nondurable goods industries.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.3
Food products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Beverage and tobacco products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.5
Textiles.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.5
Textile products.....	(X)	2.0	(X)	(NA)	(X)	(NA)	(X)	0.5
Apparel.....	(X)	1.1	(X)	(NA)	(X)	(NA)	(X)	0.9
Leather and allied products.....	(X)	1.0	(X)	(NA)	(X)	(NA)	(X)	0.5
Paper products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.3
Printing.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.5
Petroleum and coal products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	1.3
Chemical products.....	(X)	0.5	(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, 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>.