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Adriana Stoica
Economic Indicators Division
(301) 763-4832

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

Summary

New orders for manufactured goods in April, down eight of the last nine months, decreased \$1.8 billion or 0.4 percent to \$476.7 billion, the U.S. Census Bureau reported today. This followed a 2.2 percent March increase.

Shipments, following two consecutive monthly increases, were virtually unchanged at \$482.4 billion. This followed a 0.5 percent March increase.

Unfilled orders, down four of the last five months, decreased \$1.1 billion or 0.1 percent to \$1,202.4 billion. This followed a 0.1 percent March increase. The unfilled orders-to-shipments ratio was 6.98, down from 6.99 in March.

Inventories, up two of the last three months, increased \$0.6 billion or 0.1 percent to \$649.0 billion. This followed a 0.1 percent March decrease. The inventories-to-shipments ratio was 1.35, up from 1.34 in March.

New Orders

New orders for manufactured durable goods in April, down two of the last three months, decreased \$2.3 billion or 1.0 percent to \$234.4 billion, up from the previously published 0.5 percent decrease. This followed a 5.1 percent March increase.

Transportation equipment, also down two of the last three months, led the decrease, \$1.9 billion or 2.4 percent to \$77.9 billion.

New orders for manufactured nondurable goods increased \$0.5 billion or 0.2 percent to \$242.3 billion.

Shipments

Shipments of manufactured durable goods in April, down three of the last four months, decreased \$0.5 billion or 0.2 percent to \$240.1 billion, down from the previously published 0.1 percent decrease. This followed a 1.5 percent March increase.

Primary metals, down six of the last seven months, drove the decrease, \$0.5 billion or 2.2 percent to \$21.5 billion.

Shipments of manufactured nondurable goods, up two of the last three months, increased \$0.5 billion or 0.2 percent to \$242.3 billion. This followed a 0.4 percent March decrease. Chemical products, up following three consecutive monthly decreases, led the increase, \$0.3 billion or 0.5 percent to \$63.3 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in April, down four of the last five months, decreased \$1.1 billion or 0.1 percent to \$1,202.4 billion, up from the previously published virtually unchanged decrease. This followed a 0.1 percent March increase.

Machinery, down six of the last seven months, drove the decrease, \$1.3 billion or 1.1 percent to \$115.4 billion.

Inventories

Inventories of manufactured durable goods in April, up twenty-four of the last twenty-five months, increased \$0.8 billion or 0.2 percent to \$401.6 billion, unchanged from the previously published increase. This was at the highest level since the series was first published on a NAICS basis in 1992 and followed a virtually unchanged March increase.

Transportation equipment, up sixteen of the last seventeen months, led the increase, \$0.5 billion or 0.4 percent to \$130.3 billion.

Inventories of manufactured nondurable goods, down eleven consecutive months, decreased \$0.2 billion or 0.1 percent to \$247.4 billion. This followed a 0.3 percent March decrease. Chemical products, down six consecutive months, drove the decrease, \$0.4 billion or 0.4 percent to \$81.5 billion.

By stage of fabrication, April materials and supplies were virtually unchanged in durable goods and increased 0.1 percent in nondurable goods. Work in process increased 0.2 percent in durable goods and increased 0.7 percent in nondurable goods. Finished goods increased 0.5 percent in durable goods and decreased 0.6 percent in nondurable goods.

Figures in text are adjusted for seasonality, but not for inflation. Figures on new and unfilled orders exclude data for semiconductor manufacturing. For data, call (301) 763-4673 or go to www.census.gov/m3. The Advance Report on durable goods for May is scheduled for release on June 23, 2015 at 8:30 a.m. EDT and the Full Report on July 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.

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

Table 1. Value of Manufacturers' Shipments for Industry Groups¹
[Estimates are shown in millions of dollars and are based on data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

Industry	Seasonally Adjusted						Not Seasonally Adjusted						
	Monthly			Percent Change			Monthly				Year to date		
	Apr. 2015 ^P	Mar. 2015 ^F	Feb. 2015	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2015 ^P	Mar. 2015 ^F	Feb. 2015	Apr. 2014	2015 ^P	2014	% Change 2015/ 2014
All manufacturing industries.....	482,428	482,432	479,810	0.0	0.5	0.1	485,395	507,773	445,006	504,217	1,876,003	1,942,663	-3.4
Excluding transportation.....	404,831	404,593	405,383	0.1	-0.2	0.6	408,169	420,395	374,728	434,397	1,576,772	1,666,267	-5.4
Excluding defense.....	470,773	470,393	468,310	0.1	0.4	0.1	474,477	494,070	434,286	493,181	1,831,359	1,897,173	-3.5
With unfilled orders.....	172,315	172,298	170,085	0.0	1.3	-1.6	170,164	186,877	158,242	163,671	668,006	641,035	4.2
Durable goods industries.....	240,125	240,599	237,047	-0.2	1.5	-1.1	240,379	259,091	219,898	232,671	932,016	901,328	3.4
Wood products.....	7,844	7,974	8,236	-1.6	-3.2	0.2	8,401	7,881	7,227	8,686	30,500	29,308	4.1
Nonmetallic mineral products.....	9,794	9,745	9,728	0.5	0.2	-1.6	9,945	9,461	8,158	9,910	36,004	34,800	3.5
Primary metals.....	21,542	22,030	22,224	-2.2	-0.9	-2.5	22,175	23,123	21,262	23,767	88,860	90,833	-2.2
Iron and steel mills.....	9,999	10,147	10,408	-1.5	-2.5	-4.6	10,280	10,560	9,882	11,947	41,508	45,850	-9.5
Aluminum and nonferrous metals.....	9,942	10,239	10,202	-2.9	0.4	-0.5	10,239	10,792	9,850	10,133	40,896	38,644	5.8
Ferrous metal foundries.....	1,601	1,644	1,614	-2.6	1.9	-0.5	1,656	1,771	1,530	1,687	6,456	6,339	1.8
Fabricated metal products.....	30,073	30,103	30,192	-0.1	-0.3	-1.2	30,407	30,964	27,993	30,017	117,594	114,764	2.5
Machinery.....	33,286	33,167	33,150	0.4	0.1	0.8	33,942	36,353	31,350	34,196	130,496	132,401	-1.4
Farm machinery.....	1,727	1,572	1,651	9.9	-4.8	-1.1	2,192	2,058	1,840	3,402	7,612	13,813	-44.9
Construction machinery.....	3,629	3,723	3,828	-2.5	-2.7	2.3	3,640	4,231	3,608	2,820	14,795	10,622	39.3
Mining, oil field, and gas field machinery.....	1,942	2,017	2,133	-3.7	-5.4	-6.3	1,788	2,136	1,985	2,900	8,003	10,824	-26.1
Industrial machinery.....	2,842	2,465	2,459	15.3	0.2	-2.5	2,677	2,688	2,231	2,651	9,628	11,327	-15.0
Photographic equipment.....	555	553	547	0.4	1.1	0.9	482	596	483	501	2,008	2,156	-6.9
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,928	3,976	3,935	-1.2	1.0	0.2	3,930	4,085	3,173	3,855	14,350	13,972	2.7
Metalworking machinery.....	2,813	2,747	2,722	2.4	0.9	0.8	2,769	2,922	2,391	2,453	10,465	9,716	7.7
Turbines, generators, and other power transmission equipment.....	4,058	4,517	4,171	-10.2	8.3	6.3	4,166	4,648	4,137	3,703	16,580	14,425	14.9
Material handling equipment.....	2,585	2,431	2,352	6.3	3.4	-0.2	2,549	2,612	2,224	2,374	9,486	9,376	1.2
Computers and electronic products ²	28,889	28,868	28,207	0.1	2.3	0.5	27,919	31,473	24,552	27,148	108,931	107,384	1.4
Computers.....	692	728	571	-4.9	27.5	3.4	650	857	414	636	2,359	2,667	-11.5
Computer storage devices.....	449	491	460	-8.6	6.7	-0.2	269	773	283	402	1,639	2,296	-28.6
Other peripheral equipment.....	974	1,044	1,026	-6.7	1.8	-4.2	767	1,345	722	845	3,532	3,179	11.1
Nondefense communications equipment.....	3,467	3,385	3,240	2.4	4.5	0.2	2,992	3,982	2,764	2,838	12,375	12,148	1.9
Defense communications equipment.....	365	401	381	-9.0	5.2	4.7	371	421	366	424	1,480	1,513	-2.2
Audio and video equipment.....	255	198	257	28.8	-23.0	4.9	216	183	216	269	799	1,131	-29.4
Electronic components.....	4,598	4,431	4,107	3.8	7.9	3.2	4,483	4,634	3,635	3,416	16,274	13,590	19.7
Nondefense search and navigation equipment.....	1,269	1,345	1,259	-5.7	6.8	4.7	1,136	1,612	1,192	1,060	4,932	4,653	6.0
Defense search and navigation equipment.....	2,649	2,680	2,530	-1.2	5.9	-0.6	2,477	2,906	2,451	2,349	9,889	9,793	1.0
Electromedical, measuring, and control instruments.....	9,222	9,076	9,053	1.6	0.3	-2.0	8,516	10,414	8,195	7,915	35,034	32,806	6.8
Electrical equipment, appliances, and components.....	10,434	10,449	10,571	-0.1	-1.2	-0.1	10,207	11,090	9,706	10,067	40,440	39,722	1.8
Electric lighting equipment.....	953	937	954	1.7	-1.8	0.7	914	976	895	918	3,631	3,808	-4.6
Household appliances.....	1,644	1,659	1,694	-0.9	-2.1	-1.1	1,687	1,778	1,506	1,754	6,369	6,438	-1.1
Electrical equipment.....	3,276	3,248	3,290	0.9	-1.3	-0.3	3,089	3,612	3,039	3,048	12,654	12,769	-0.9
Batteries.....	834	859	889	-2.9	-3.4	-1.2	791	832	760	859	3,163	3,272	-3.3
Transportation equipment.....	77,597	77,839	74,427	-0.3	4.6	-2.5	77,226	87,378	70,278	69,820	299,231	276,396	8.3
Automobiles.....	9,386	9,359	8,240	0.3	13.6	0.5	9,321	10,120	7,905	7,397	34,609	32,152	7.6
Light trucks and utility vehicles.....	12,459	13,013	12,368	-4.3	5.2	0.0	13,152	14,809	12,039	12,877	50,563	48,221	4.9
Heavy duty trucks.....	3,183	3,164	3,087	0.6	2.5	4.7	3,191	3,385	2,795	2,529	11,960	9,523	25.6
Motor vehicle bodies, parts, and trailers.....	25,724	25,676	24,633	0.2	4.2	-0.6	26,725	28,050	24,327	23,701	101,874	92,027	10.7
Nondefense aircraft and parts.....	14,946	14,380	14,357	3.9	0.2	-2.0	13,450	16,974	12,316	10,919	53,306	44,592	19.5
Defense aircraft and parts.....	4,457	4,640	4,452	-3.9	4.2	5.4	4,020	5,532	3,884	4,318	16,686	18,059	-7.6
Ships and boats.....	2,789	2,798	2,745	-0.3	1.9	7.1	2,857	2,964	2,744	2,858	10,721	11,494	-6.7
Furniture and related products.....	6,270	6,211	6,174	0.9	0.6	-1.1	6,177	6,301	5,946	5,844	24,310	22,848	6.4
Miscellaneous durable goods.....	14,396	14,213	14,138	1.3	0.5	-0.2	13,980	15,067	13,426	13,216	55,650	52,872	5.3
Nondurable goods industries.....	242,303	241,833	242,763	0.2	-0.4	1.3	245,016	248,682	225,108	271,546	943,987	1,041,335	-9.3
Food products.....	66,014	66,356	66,579	-0.5	-0.3	-0.7	64,597	67,440	63,804	66,480	260,934	262,083	-0.4
Grain and oilseed milling.....	8,281	8,194	8,094	1.1	1.2	-1.9	7,917	8,270	7,740	8,042	32,229	33,148	-2.8
Dairy products.....	9,915	10,003	10,281	-0.9	-2.7	-1.1	9,689	10,055	9,395	10,995	39,196	42,083	-6.9
Meat, poultry, and seafood products... Beverage and tobacco products.....	19,342	19,589	19,643	-1.3	-0.3	-1.2	19,083	19,485	18,926	19,802	76,556	76,370	0.2
Beverages.....	12,775	12,633	12,063	1.1	4.7	-0.3	12,852	12,630	11,024	12,502	47,358	46,380	2.1
Tobacco.....	8,959	9,032	8,845	-0.8	2.1	-0.1	9,036	9,029	7,806	9,001	33,474	33,846	-1.1
Textile mills.....	3,816	3,601	3,218	6.0	11.9	-1.0	3,816	3,601	3,218	3,501	13,884	12,534	10.8
Textile products.....	2,572	2,559	2,551	0.5	0.3	-1.2	2,652	2,673	2,445	2,692	10,175	10,397	-2.1
Apparel.....	1,892	1,851	1,869	2.2	-1.0	-10.0	1,940	1,924	1,822	1,937	7,552	7,354	2.7
Leather and allied products.....	1,141	1,142	1,182	-0.1	3.4	-0.2	1,019	1,060	1,125	952	4,265	3,858	10.5
Paper products.....	483	476	453	1.5	-5.1	-4.4	489	492	457	464	1,860	1,792	3.8
Pulp, paper, and paperboard mills..... Paperboard containers.....	16,383	16,261	16,182	0.8	0.5	-0.5	16,155	16,454	15,048	15,649	63,477	61,429	3.3
Printing.....	7,167	7,148	7,159	0.3	-0.2	-1.2	7,083	7,253	6,716	7,007	28,256	27,476	2.8
Petroleum and coal products.....	5,362	5,350	5,282	0.2	1.3	0.1	5,281	5,363	4,752	4,937	20,453	19,312	5.9
Petroleum refineries.....	7,193	7,164	7,093	0.4	1.0	0.2	7,445	7,416	6,373	7,187	27,938	27,000	3.5
Chemical products.....	51,367	51,189	52,070	0.3	-1.7	9.2	51,841	50,434	45,404	74,451	191,028	281,764	-32.2
Pesticides, fertilizers, and other agricultural chemicals.....	47,436	47,524	48,371	-0.2	-1.8	10.5	48,028	46,987	42,346	70,597	177,782	267,893	-33.6
Pharmaceuticals and medicines.....	63,316	63,002	63,505	0.5	-0.8	-0.1	66,134	68,120	59,849	68,870	253,637	262,841	-3.5
Paints, coatings, and adhesives.....	4,872	4,729	4,830	3.0	-2.1	11.0	7,000	6,614	5,041	5,916	22,408	19,057	17.6
Plastics and rubber products.....	14,975	14,937	14,890	0.3	0.3	1.2	15,314	15,798	13,738	15,664	58,723	58,982	-0.4
Other.....	3,294	3,302	3,247	-0.2	1.7	-2.5	3,664	3,511	2,931	3,635	13,013	12,719	2.3
Plastics and rubber products.....	19,167	19,200	19,216	-0.2	-0.1	-1.5	19,892	20,039	17,757	20,362	75,763	76,437	-0.9

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

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

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

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

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted						
	Monthly			Percent Change			Monthly				Year to date		
	Apr. 2015 ^P	Mar. 2015 ^f	Feb. 2015	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2015 ^P	Mar. 2015 ^f	Feb. 2015	Apr. 2014	2015 ^P	2014	% Change 2015/2014
All manufacturing industries ²	476,690	478,504	468,026	-0.4	2.2	-1.0	473,279	504,967	437,676	506,090	1,849,385	1,959,986	-5.6
Excluding transportation ²	398,814	398,712	398,724	0.0	0.0	0.1	402,923	417,430	373,384	431,491	1,566,337	1,669,150	-6.2
Excluding defense ²	465,956	466,136	459,629	0.0	1.4	-0.8	463,858	490,046	429,542	487,885	1,809,086	1,907,040	-5.1
With unfilled orders ²	171,254	173,241	163,406	-1.1	6.0	-4.7	163,842	188,217	155,037	172,366	661,203	681,252	-2.9
Durable goods industries ²	234,387	236,671	225,263	-1.0	5.1	-3.5	228,263	256,285	212,568	234,544	905,398	918,651	-1.4
Primary metals.....	21,568	21,379	21,927	0.9	-2.5	-3.2	21,923	22,573	21,433	23,294	89,293	93,057	-4.0
Iron and steel mills.....	10,231	9,770	10,128	4.7	-3.5	-5.2	10,362	10,180	9,969	11,454	42,073	47,312	-11.1
Aluminum and nonferrous metals.....	9,814	10,261	10,195	-4.4	0.6	-0.2	10,044	10,980	9,898	10,199	40,886	39,154	4.4
Ferrous metal foundries.....	1,523	1,348	1,604	13.0	-16.0	-8.9	1,517	1,413	1,566	1,641	6,334	6,591	-3.9
Fabricated metal products.....	29,634	29,332	29,485	1.0	-0.5	-2.4	30,341	31,510	28,783	30,519	119,357	119,716	-0.3
Machinery.....	32,025	31,727	31,871	0.9	-0.5	-3.1	33,358	34,648	31,291	35,855	130,207	143,309	-9.1
Construction machinery.....	3,259	3,163	3,513	3.0	-10.0	11.6	3,359	3,468	3,412	3,269	13,335	12,940	3.1
Mining, oil field, and gas field machinery.....	1,826	1,822	1,821	0.2	0.1	-17.0	1,573	1,756	2,061	2,656	7,400	11,493	-35.6
Industrial machinery.....	2,743	2,123	2,381	29.2	-10.8	-3.7	2,865	2,374	2,051	2,936	9,788	12,697	-22.9
Photographic equipment.....	648	718	487	-9.7	47.4	-6.5	674	721	433	564	2,318	2,149	7.9
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,832	4,139	3,835	-7.4	7.9	-3.0	3,951	4,348	3,280	4,342	14,922	15,231	-2.0
Metalworking machinery.....	2,808	2,837	2,733	-1.0	3.8	3.9	2,856	2,875	2,552	2,560	10,830	10,032	8.0
Turbines, generators, and other power transmission equipment.....	3,553	3,920	3,609	-9.4	8.6	-14.8	3,656	3,930	3,499	3,859	15,088	16,466	-8.4
Material handling equipment.....	2,540	2,381	2,564	6.7	-7.1	4.7	2,612	2,712	2,584	2,407	10,251	10,160	0.9
Computers and electronic products ²	24,506	25,519	23,723	-4.0	7.6	-0.4	23,235	29,597	21,664	21,724	94,628	89,686	5.5
Computers.....	779	759	594	2.6	27.8	2.8	737	888	437	603	2,526	2,536	-0.4
Nondefense communications equipment.....	3,438	3,797	3,699	-9.5	2.6	1.5	3,509	4,538	3,565	3,606	14,774	15,533	-4.9
Defense communications equipment.....	354	330	486	7.3	-32.1	46.8	358	397	486	441	1,543	1,356	13.8
Electronic components.....	4,660	4,421	4,143	5.4	6.7	1.8	4,607	4,499	3,885	3,514	16,728	13,859	20.7
Nondefense search and navigation equipment.....	1,450	1,698	1,507	-14.6	12.7	5.2	1,691	1,899	1,469	1,587	6,297	5,834	7.9
Defense search and navigation equipment.....	2,640	2,993	2,288	-11.8	30.8	-12.3	2,414	3,548	2,112	2,408	9,956	9,408	5.8
Electromedical, measuring, and control instruments.....	9,235	9,570	9,045	-3.5	5.8	-1.6	8,419	11,327	8,300	7,877	36,031	33,840	6.5
Electrical equipment, appliances, and components.....	10,575	10,684	10,600	-1.0	0.8	1.6	10,341	11,208	9,997	10,498	41,330	41,318	0.0
Electric lighting equipment.....	960	989	958	-2.9	3.2	2.4	969	969	917	967	3,695	3,803	-2.8
Household appliances.....	1,702	1,767	1,640	-3.7	7.7	-7.5	1,808	1,880	1,340	1,866	6,595	6,509	1.3
Electrical equipment.....	3,331	3,356	3,332	-0.7	0.7	-0.8	3,190	3,692	3,153	3,144	13,228	13,212	0.1
Transportation equipment.....	77,876	79,792	69,302	-2.4	15.1	-7.3	70,356	87,537	64,292	74,599	283,048	290,836	-2.7
Motor vehicle bodies, parts, and trailers.....	25,711	25,143	24,819	2.3	1.3	-0.9	26,209	27,506	24,695	23,438	101,738	92,905	9.5
Nondefense aircraft and parts.....	16,352	16,956	12,103	-3.6	40.1	-12.1	8,744	17,618	8,649	8,976	42,084	50,632	-16.9
Defense aircraft and parts.....	4,429	4,999	2,313	-11.4	116.1	-42.8	3,603	5,274	1,463	3,497	13,623	16,155	-15.7
Ships and boats.....	2,099	2,254	2,006	-6.9	12.4	82.5	2,422	2,541	2,776	10,816	9,289	21,973	-57.7
Furniture and related products.....	6,179	6,297	6,226	-1.9	1.1	-2.3	6,393	6,794	6,270	6,216	25,394	23,814	6.6
Nondurable goods industries.....	242,303	241,833	242,763	0.2	-0.4	1.3	245,016	248,682	225,108	271,546	943,987	1,041,335	-9.3

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

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

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

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

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

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted				% Change Apr. 2015/ 2014
	Monthly			Percent Change			Monthly				
	Apr. 2015 ²	Mar. 2015 ²	Feb. 2015	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2015 ²	Mar. 2015 ²	Feb. 2015	Apr. 2014	
All manufacturing industries ²	1,202,445	1,203,506	1,202,563	-0.1	0.1	-0.6	1,208,099	1,214,421	1,213,081	1,130,028	6.9
Excluding transportation ²	397,439	398,779	399,789	-0.3	-0.3	-0.4	403,529	402,981	401,800	391,163	3.2
Excluding defense ²	1,016,917	1,017,057	1,016,443	0.0	0.1	-0.4	1,021,410	1,026,235	1,026,113	932,148	9.6
Durable goods industries ²	1,202,445	1,203,506	1,202,563	-0.1	0.1	-0.6	1,208,099	1,214,421	1,213,081	1,130,028	6.9
Primary metals.....	35,637	35,611	36,262	0.1	-1.8	-0.8	36,615	36,867	37,417	36,810	-0.5
Iron and steel mills.....	18,267	18,035	18,412	1.3	-2.0	-1.5	18,949	18,867	19,247	19,921	-4.9
Aluminum and nonferrous metals.....	12,395	12,523	12,501	-1.0	0.2	-0.1	12,623	12,818	12,630	11,907	6.0
Ferrous metal foundries.....	4,975	5,053	5,349	-1.5	-5.5	-0.2	5,043	5,182	5,540	4,982	1.2
Fabricated metal products.....	82,125	82,564	83,335	-0.5	-0.9	-0.8	83,589	83,655	83,109	82,601	1.2
Machinery.....	115,368	116,629	118,069	-1.1	-1.2	-1.1	116,890	117,474	119,179	118,978	-1.8
Construction machinery.....	7,421	7,791	8,351	-4.7	-6.7	-3.6	7,682	7,963	8,726	9,107	-15.6
Mining, oil field, and gas field machinery.....	10,714	10,830	11,025	-1.1	-1.8	-2.8	10,536	10,751	11,131	12,684	-16.9
Industrial machinery.....	8,698	8,797	9,139	-1.1	-3.7	-0.8	9,000	8,812	9,126	10,401	-13.5
Photographic equipment.....	1,735	1,642	1,477	5.7	11.2	-3.9	1,784	1,592	1,467	1,698	5.1
Ventilation, heating, air-conditioning, and refrigeration equipment.....	7,649	7,745	7,582	-1.2	2.1	-1.3	7,952	7,931	7,668	7,171	10.9
Metalworking machinery.....	7,055	7,060	6,970	-0.1	1.3	0.2	7,187	7,100	7,147	7,636	-5.9
Turbines, generators, and other power transmission equipment.....	33,390	33,895	34,492	-1.5	-1.7	-1.6	33,453	33,963	34,681	33,956	-1.5
Material handling equipment.....	11,185	11,230	11,280	-0.4	-0.4	1.9	11,515	11,452	11,352	9,776	17.8
Computers and electronic products ²	132,413	132,119	130,597	0.2	1.2	0.5	134,027	132,917	130,647	123,279	8.7
Computers.....	2,639	2,552	2,521	3.4	1.2	0.9	2,639	2,552	2,521	1,858	42.0
Nondefense communications equipment.....	35,428	35,457	35,045	-0.1	1.2	1.3	36,152	35,635	35,079	31,538	14.6
Defense communications equipment.....	2,914	2,925	2,996	-0.4	-2.4	3.6	2,955	2,968	2,992	3,150	-6.2
Electronic components.....	10,956	10,894	10,904	0.6	-0.1	0.3	11,053	10,929	11,064	10,648	3.8
Nondefense search and navigation equipment.....	18,777	18,596	18,243	1.0	1.9	1.4	18,880	18,325	18,038	15,301	23.4
Defense search and navigation equipment.....	32,756	32,765	32,452	0.0	1.0	-0.7	32,966	33,029	32,387	32,989	-0.1
Electromedical, measuring, and control instruments.....	28,943	28,930	28,436	0.0	1.7	0.0	29,382	29,479	28,566	27,795	5.7
Electrical equipment, appliances, and components.....	23,292	23,151	22,916	0.6	1.0	0.1	23,449	23,315	23,197	21,452	9.3
Electric lighting equipment.....	1,176	1,169	1,117	0.6	4.7	0.4	1,170	1,115	1,122	1,097	6.7
Household appliances.....	1,699	1,641	1,533	3.5	7.0	-3.4	1,750	1,629	1,527	1,357	29.0
Electrical equipment.....	9,587	9,532	9,424	0.6	1.1	0.4	9,676	9,575	9,495	8,633	12.1
Transportation equipment.....	805,006	804,727	802,774	0.0	0.2	-0.6	804,570	811,440	811,281	738,865	8.9
Motor vehicle bodies, parts, and trailers.....	21,502	21,515	22,048	-0.1	-2.4	0.9	21,894	22,410	22,954	19,798	10.6
Nondefense aircraft and parts.....	613,969	612,563	609,987	0.2	0.4	-0.4	612,554	617,260	616,616	541,325	13.2
Defense aircraft and parts.....	66,320	66,348	65,989	0.0	0.5	-3.1	66,326	66,743	67,001	68,681	-3.4
Ships and boats.....	28,761	29,451	29,995	-2.3	-1.8	-2.4	29,521	29,956	30,379	37,152	-20.5
Furniture and related products.....	7,778	7,869	7,783	-1.2	1.1	0.7	8,133	7,917	7,424	7,313	11.2

² Preliminary ¹ Revised data due to late receipts and concurrent seasonal adjustment.¹ Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted estimates of shipments and new orders include adjusted data for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holiday and trading-day differences, where appropriate, as well as seasonal variation, based on the results of the latest annual review of the model parameters. Estimates are not adjusted for price changes.² Data on unfilled orders are not available for the semiconductor industry. Estimates and percent changes for unfilled orders exclude semiconductor industry data.

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

Table 4. Value of Manufacturers' Inventories for Industry Groups¹

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted				% Change Apr. 2015/ 2014
	Monthly			Percent Change			Monthly				
	Apr. 2015 ^p	Mar. 2015 ^r	Feb. 2015	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2015 ^p	Mar. 2015 ^r	Feb. 2015	Apr. 2014	
All manufacturing industries.....	648,988	648,373	649,072	0.1	-0.1	0.1	652,206	647,916	653,818	652,612	-0.1
Excluding transportation.....	518,688	518,612	519,205	0.0	-0.1	0.0	521,025	518,314	523,055	530,363	-1.8
Excluding defense.....	622,497	622,464	622,768	0.0	0.0	0.1	625,491	621,929	627,341	627,296	-0.3
With unfilled orders.....	327,822	327,366	328,103	0.1	-0.2	0.4	329,428	326,054	330,323	314,448	4.8
Durable goods industries.....	401,574	400,745	400,588	0.2	0.0	0.3	403,486	399,861	404,116	384,817	4.9
Wood products.....	11,188	11,130	11,011	0.5	1.1	0.7	11,144	11,454	11,438	10,477	6.4
Nonmetallic mineral products.....	13,129	13,150	13,090	-0.2	0.5	0.3	13,378	13,446	13,343	13,055	2.5
Primary metals.....	37,880	38,254	39,292	-1.0	-2.6	-1.4	37,820	38,306	39,990	37,061	2.0
Iron and steel mills.....	22,028	22,421	23,308	-1.8	-3.8	-1.6	21,894	22,526	23,883	21,716	0.8
Aluminum and nonferrous metals.....	13,867	13,852	14,009	0.1	-1.1	-1.3	13,894	13,768	14,086	13,337	4.2
Ferrous metal foundries.....	1,985	1,981	1,975	0.2	0.3	0.2	2,032	2,012	2,021	2,008	1.2
Fabricated metal products.....	49,349	49,257	49,387	0.2	-0.3	0.3	49,769	49,475	49,687	47,723	4.3
Machinery.....	67,232	67,130	66,814	0.2	0.5	0.1	67,715	66,720	67,326	66,039	2.5
Farm machinery.....	3,538	3,468	3,460	2.0	0.2	-3.8	3,698	3,571	3,665	4,153	-11.0
Construction machinery.....	7,162	7,070	7,081	1.3	-0.2	2.8	7,195	7,123	7,124	5,274	36.4
Mining, oil field, and gas field machinery.....	5,936	6,027	6,055	-1.5	-0.5	-1.3	6,010	6,019	6,021	7,651	-21.4
Industrial machinery.....	6,067	6,330	6,281	-4.2	0.8	-0.1	6,058	6,374	6,328	6,125	-1.1
Photographic equipment.....	1,374	1,376	1,358	-0.1	1.3	2.4	1,330	1,318	1,381	1,299	2.4
Ventilation, heating, air-conditioning, and refrigeration equipment.....	5,322	5,358	5,260	-0.7	1.9	0.1	5,596	5,442	5,365	5,156	8.5
Metalworking machinery.....	5,684	5,671	5,630	0.2	0.7	0.6	5,625	5,554	5,535	5,168	8.8
Turbines, generators, and other power transmission equipment.....	10,160	10,058	10,033	1.0	0.2	0.2	10,117	9,557	10,131	9,913	2.1
Material handling equipment.....	4,092	4,048	3,994	1.1	1.4	1.3	4,049	3,993	3,924	3,813	6.2
Computers and electronic products ²	46,125	45,660	45,186	1.0	1.0	0.6	46,044	44,897	45,584	43,272	6.4
Computers.....	1,170	1,114	1,142	5.0	-2.5	0.7	1,147	1,023	1,149	1,075	6.7
Computer storage devices.....	1,463	1,464	1,477	-0.1	-0.9	-0.2	1,415	1,340	1,538	1,405	0.7
Other peripheral equipment.....	1,286	1,286	1,336	0.0	-3.7	-2.6	1,302	1,222	1,362	1,453	-10.4
Nondefense communications equipment.....	4,944	4,976	4,992	-0.6	-0.3	-0.1	4,861	4,926	5,102	5,116	-5.0
Defense communications equipment.....	815	801	806	1.7	-0.6	0.2	815	801	806	950	-14.2
Audio and video equipment.....	804	742	780	8.4	-4.9	1.7	737	651	740	579	27.3
Electronic components.....	8,265	8,190	7,943	0.9	3.1	3.5	8,383	8,141	8,033	7,303	14.8
Nondefense search and navigation equipment.....	3,433	3,397	3,361	1.1	1.1	0.2	3,455	3,372	3,373	3,177	8.8
Defense search and navigation equipment.....	3,093	3,058	2,802	1.1	9.1	-1.2	3,147	3,043	2,833	2,698	16.6
Electromedical, measuring and control instruments.....	14,690	14,601	14,625	0.6	-0.2	1.0	14,709	14,315	14,746	14,426	2.0
Electrical equipment, appliances, and components.....	16,692	16,649	16,552	0.3	0.6	0.0	16,861	16,574	16,698	16,511	2.1
Electric lighting equipment.....	1,871	1,880	1,871	-0.5	0.5	-0.4	1,885	1,841	1,848	1,847	2.1
Household appliances.....	2,046	2,044	2,015	0.1	1.4	-0.1	2,100	2,049	2,044	2,049	2.5
Electrical equipment.....	5,041	5,043	5,007	0.0	0.7	0.1	5,097	4,983	5,114	5,099	0.0
Batteries.....	1,326	1,341	1,348	-1.1	-0.5	0.1	1,348	1,313	1,303	1,341	0.5
Transportation equipment.....	130,300	129,761	129,867	0.4	-0.1	0.8	131,181	129,602	130,763	122,249	7.3
Automobiles.....	5,106	5,123	4,811	-0.3	6.5	2.8	5,152	5,225	4,965	4,470	15.3
Light trucks and utility vehicles.....	4,038	3,929	3,865	2.8	1.7	0.9	4,098	3,948	4,023	3,707	10.5
Heavy duty trucks.....	1,809	1,763	1,705	2.6	3.4	-0.4	1,826	1,741	1,785	1,654	10.4
Motor vehicle bodies, parts, and trailers.....	25,217	25,333	25,021	-0.5	1.2	1.7	25,347	25,355	25,182	23,076	9.8
Nondefense aircraft and parts.....	66,433	66,433	66,720	0.0	-0.4	-0.2	67,001	66,197	66,923	62,882	6.6
Defense aircraft and parts.....	12,929	12,677	13,028	2.0	-2.7	0.6	13,026	12,654	13,045	12,661	2.9
Ships and boats.....	2,149	2,168	2,281	-0.9	-5.0	1.5	2,122	2,210	2,326	2,364	-10.2
Furniture and related products.....	7,094	7,125	7,055	-0.4	1.0	1.3	7,027	6,937	6,960	6,577	6.8
Miscellaneous durable goods.....	22,585	22,629	22,334	-0.2	1.3	-0.9	22,547	22,450	22,327	21,853	3.2
Non-durable goods industries.....	247,414	247,628	248,484	-0.1	-0.3	-0.1	248,720	248,055	249,702	267,795	-7.1
Food products.....	52,628	52,618	52,799	0.0	-0.3	-0.4	51,369	51,283	52,219	51,754	-0.7
Grain and oilseed milling.....	5,716	5,865	5,943	-2.5	-1.3	-1.3	5,627	5,852	5,997	6,297	-10.6
Dairy products.....	8,000	8,099	8,312	-1.2	-2.6	-1.1	8,223	8,079	8,179	8,507	-3.3
Meat, poultry, and seafood products.....	9,467	9,475	9,612	-0.1	-1.4	1.0	9,292	9,334	9,499	9,301	-0.1
Beverage and tobacco products.....	19,717	19,710	19,794	0.0	-0.4	0.3	19,864	19,871	20,148	19,507	1.8
Beverages.....	15,523	15,534	15,614	-0.1	-0.5	0.2	15,660	15,611	15,754	15,566	0.6
Tobacco.....	4,194	4,176	4,180	0.4	-0.1	0.6	4,204	4,260	4,394	3,941	6.7
Textile mills.....	3,206	3,244	3,278	-1.2	-1.0	-0.2	3,233	3,258	3,278	3,285	-1.6
Textile products.....	2,978	2,991	3,009	-0.4	-0.6	0.1	3,001	2,985	3,004	3,129	-4.1
Apparel.....	2,489	2,434	2,554	2.3	-4.7	1.4	2,396	2,323	2,527	2,048	17.0
Leather and allied products.....	856	864	868	-0.9	-0.5	0.0	836	839	852	831	0.6
Paper products.....	16,537	16,562	16,634	-0.2	-0.4	0.1	16,576	16,621	16,755	15,709	5.5
Pulp, paper, and paperboard mills.....	7,240	7,241	7,247	0.0	-0.1	-0.7	7,296	7,340	7,371	6,461	12.9
Paperboard containers.....	4,702	4,702	4,738	0.0	-0.8	0.6	4,694	4,665	4,756	4,668	0.6
Printing.....	5,648	5,676	5,670	-0.5	0.1	-0.6	5,637	5,588	5,537	5,507	2.4
Petroleum and coal products.....	37,164	36,976	37,034	0.5	-0.2	1.6	37,619	36,775	37,014	54,710	-31.2
Petroleum refineries.....	32,407	32,012	32,139	1.2	-0.4	1.9	32,866	31,868	32,035	49,909	-34.1
Chemical products.....	81,548	81,910	82,170	-0.4	-0.3	-0.6	82,988	83,362	83,276	85,688	-3.2
Pesticides, fertilizers, and other agricultural chemicals.....	4,630	4,540	4,608	2.0	-1.5	-1.0	4,747	4,947	5,167	5,104	-7.0
Pharmaceuticals and medicines.....	31,392	31,394	31,105	0.0	0.9	0.0	32,140	32,001	31,453	32,259	-0.4
Paints, coatings, and adhesives.....	3,794	3,790	3,780	0.1	0.3	0.1	3,951	3,917	3,873	3,727	6.0
Plastics and rubber products.....	24,643	24,643	24,674	0.0	-0.1	-0.4	25,201	25,150	25,092	25,627	-1.7

^p Preliminary ^r Revised data due to late receipts and concurrent seasonal adjustment.¹ Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted estimates of shipments and new orders include adjusted data for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holiday and trading-day differences, where appropriate, as well as seasonal variation, based on the results of the latest annual review of the model parameters. Estimates are not adjusted for price changes.² Estimates of inventories for the semiconductor industry data are included in computers and electronic products, and all other applicable aggregate totals.

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

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

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted						% Change ⁶
	Monthly			Percent Change			Monthly			Year to date			
	Apr. 2015 ^p	Mar. 2015 ^r	Feb. 2015	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2015 ^p	Mar. 2015 ^r	Feb. 2015	Apr. 2014	2015 ^p	2014	
SHIPMENTS													
All manufacturing industries.....	482,428	482,432	479,810	0.0	0.5	0.1	485,395	507,773	445,006	504,217	1,876,003	1,942,663	-3.4
Construction materials and supplies.....	46,538	46,441	46,690	0.2	-0.5	-0.9	47,749	46,385	40,889	47,295	176,002	170,900	3.0
Information technology.....	23,896	23,865	23,286	0.1	2.5	-0.3	21,850	27,181	20,781	20,899	89,473	86,491	3.4
Computers and related products.....	2,115	2,263	2,057	-6.5	10.0	-1.3	1,686	2,975	1,419	1,883	7,530	8,142	-7.5
Motor vehicle and parts.....	50,752	51,212	48,328	-0.9	6.0	0.1	52,389	56,364	47,066	46,504	199,006	181,923	9.4
Capital goods.....	89,324	88,562	87,267	0.9	1.5	-2.2	85,719	98,437	80,169	82,280	339,561	328,544	3.4
Nondefense capital goods ³	79,922	78,930	78,244	1.3	0.9	-2.4	76,809	87,516	71,554	73,405	303,750	292,402	3.9
Excluding aircraft.....	69,393	69,068	68,391	0.5	1.0	-2.3	67,373	75,925	63,372	66,196	268,175	263,796	1.7
Defense capital goods ⁴	9,402	9,632	9,023	-2.4	6.7	-0.9	8,910	10,921	8,615	8,875	35,811	36,142	-0.9
Consumer goods.....	192,863	193,189	192,067	-0.2	0.6	2.0	193,217	198,693	179,460	214,764	747,262	830,022	-10.0
Consumer durable goods.....	35,269	35,572	33,906	-0.9	4.9	-0.1	36,169	39,393	33,068	33,398	138,401	131,813	5.0
Consumer nondurable goods.....	157,594	157,617	158,161	0.0	-0.3	2.5	157,048	159,300	146,392	181,366	608,861	698,209	-12.8
NEW ORDERS													
All manufacturing industries ⁵	476,690	478,504	468,026	-0.4	2.2	-1.0	473,279	504,967	437,676	506,090	1,849,385	1,959,986	-5.6
Construction materials and supplies.....	46,344	46,407	46,480	-0.1	-0.2	-1.3	47,979	47,152	41,279	48,382	177,759	175,278	1.4
Information technology.....	24,242	25,529	23,848	-5.0	7.0	0.5	22,885	29,654	22,039	22,436	94,867	92,498	2.6
Computers and related products.....	2,202	2,294	2,080	-4.0	10.3	-1.4	1,773	3,006	1,442	1,850	7,697	8,011	-3.9
Motor vehicle and parts.....	50,739	50,679	48,514	0.1	4.5	-0.1	51,873	55,820	47,434	46,241	198,870	182,801	8.8
Capital goods.....	88,755	90,449	83,478	-1.9	8.4	-4.3	81,308	100,335	78,573	91,402	333,143	354,868	-6.1
Nondefense capital goods ³	80,443	81,074	75,521	-0.8	7.4	-6.0	74,070	88,153	69,966	75,344	299,767	310,573	-3.5
Excluding aircraft.....	68,330	68,512	67,410	-0.3	1.6	-5.1	67,962	76,093	64,958	69,255	274,197	282,008	-2.8
Defense capital goods ⁴	8,312	9,375	7,957	-11.3	17.8	16.2	7,238	12,182	8,607	16,058	33,376	44,295	-24.7
Consumer goods.....	192,754	193,312	192,089	-0.3	0.6	2.0	193,118	198,907	179,539	214,898	747,692	830,287	-9.9
Consumer durable goods.....	35,160	35,695	33,928	-1.5	5.2	-0.3	36,070	39,607	33,147	33,532	138,831	132,078	5.1
Consumer nondurable goods.....	157,594	157,617	158,161	0.0	-0.3	2.5	157,048	159,300	146,392	181,366	608,861	698,209	-12.8
UNFILLED ORDERS													
All manufacturing industries ⁵	1,202,445	1,203,506	1,202,563	-0.1	0.1	-0.6	1,208,099	1,214,421	1,213,081	1,130,028	(X)	(X)	6.9
Construction materials and supplies.....	54,667	54,861	54,895	-0.4	-0.1	-0.4	55,399	55,169	54,402	51,928	(X)	(X)	6.7
Information technology.....	134,022	133,676	132,012	0.3	1.3	0.4	135,611	134,576	132,103	124,694	(X)	(X)	8.8
Computers and related products.....	2,639	2,552	2,521	3.4	1.2	0.9	2,639	2,552	2,521	1,858	(X)	(X)	42.0
Motor vehicle and parts.....	21,502	21,515	22,048	-0.1	-2.4	0.9	21,894	22,410	22,954	19,798	(X)	(X)	10.6
Capital goods.....	914,395	914,964	913,077	-0.1	0.2	-0.4	917,816	922,227	920,329	849,582	(X)	(X)	8.0
Nondefense capital goods ³	762,888	762,367	760,223	0.1	0.3	-0.4	765,011	767,750	767,113	684,938	(X)	(X)	11.7
Excluding aircraft.....	249,025	250,088	250,644	-0.4	-0.2	-0.4	252,388	251,799	251,631	239,737	(X)	(X)	5.3
Defense capital goods ⁴	151,507	152,597	152,854	-0.7	-0.2	-0.7	152,805	154,477	153,216	164,644	(X)	(X)	-7.2
Consumer goods.....	5,461	5,570	5,447	-2.0	2.3	0.4	5,693	5,792	5,578	4,852	(X)	(X)	17.3
Consumer durable goods.....	5,461	5,570	5,447	-2.0	2.3	0.4	5,693	5,792	5,578	4,852	(X)	(X)	17.3
TOTAL INVENTORIES													
All manufacturing industries.....	648,988	648,373	649,072	0.1	-0.1	0.1	652,206	647,916	653,818	652,612	(X)	(X)	-0.1
Construction materials and supplies.....	66,072	66,199	65,808	-0.2	0.6	0.5	66,937	67,071	66,820	64,004	(X)	(X)	4.6
Information technology.....	39,614	39,294	39,126	0.8	0.4	0.3	39,483	38,530	39,556	38,500	(X)	(X)	2.6
Computers and related products.....	3,919	3,864	3,955	1.4	-2.3	-0.8	3,864	3,585	4,049	3,933	(X)	(X)	-1.8
Motor vehicle and parts.....	36,170	36,148	35,402	0.1	2.1	1.7	36,423	36,269	35,955	32,907	(X)	(X)	10.7
Capital goods.....	199,218	198,257	198,579	0.5	-0.2	0.4	200,106	196,654	199,522	191,710	(X)	(X)	4.4
Nondefense capital goods ³	177,609	177,207	177,222	0.2	0.0	0.1	178,370	175,503	178,009	171,291	(X)	(X)	4.1
Excluding aircraft.....	121,919	121,678	121,339	0.2	0.3	0.2	122,098	120,197	122,065	119,604	(X)	(X)	2.1
Defense capital goods ⁴	21,609	21,050	21,357	2.7	-1.4	2.8	21,736	21,151	21,513	20,419	(X)	(X)	6.4
Consumer goods.....	185,743	185,174	184,805	0.3	0.2	0.2	185,692	184,227	185,402	200,172	(X)	(X)	-7.2
Consumer durable goods.....	29,310	29,095	28,571	0.7	1.8	0.2	29,306	28,990	29,081	27,486	(X)	(X)	6.6
Consumer nondurable goods.....	156,433	156,079	156,234	0.2	-0.1	0.2	156,386	155,237	156,321	172,686	(X)	(X)	-9.4

X Not Applicable ^p Preliminary ^r Revised data due to late receipts and concurrent seasonal adjustment.

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

² Topical series are regroupings of the separate industry categories.

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

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

⁵ Estimates and percent changes exclude semiconductor industry data.

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

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

Table 6. Value of Manufacturers' Inventories, by Stage of Fabrication, by Industry Group¹**[Estimates are shown in millions of dollars and are based on data from the Manufacturers' Shipments, Inventories, and Orders Survey.]**

Industry	Seasonally Adjusted						Not Seasonally Adjusted				% Change Apr. 2015/ 2014
	Monthly			Percent Change			Monthly				
	Apr. 2015 ^p	Mar. 2015 ^f	Feb. 2015	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2015 ^p	Mar. 2015 ^f	Feb. 2015	Apr. 2014	
MATERIALS AND SUPPLIES											
All manufacturing industries.....	215,950	215,830	216,301	0.1	-0.2	-0.1	215,948	215,345	217,869	216,450	-0.2
Durable goods industries.....	134,597	134,592	134,499	0.0	0.1	-0.1	134,138	134,010	135,548	130,095	3.1
Wood products.....	4,521	4,446	4,341	1.7	2.4	1.1	4,265	4,431	4,512	3,924	8.7
Nonmetallic mineral products.....	5,069	5,009	4,940	1.2	1.4	1.3	5,086	5,018	4,963	5,054	0.6
Primary metals.....	14,633	14,795	15,287	-1.1	-3.2	-1.6	14,304	14,574	15,358	13,869	3.1
Fabricated metal products.....	17,985	17,995	18,089	-0.1	-0.5	-0.2	18,010	17,936	18,106	17,712	1.7
Machinery.....	26,485	26,417	26,363	0.3	0.2	1.1	26,588	26,259	26,451	25,422	4.6
Computers and electronic products.....	19,054	19,040	18,837	0.1	1.1	0.2	19,085	18,926	18,907	18,035	5.8
Electrical equipment, appliances, and components.....	6,724	6,669	6,676	0.8	-0.1	0.2	6,732	6,628	6,766	6,850	-1.7
Transportation equipment.....	28,989	29,021	28,842	-0.1	0.6	0.3	28,950	29,132	29,397	28,474	1.7
Furniture and related products.....	3,678	3,682	3,673	-0.1	0.2	0.4	3,670	3,637	3,650	3,389	8.3
Miscellaneous products.....	7,459	7,518	7,451	-0.8	0.9	-4.3	7,448	7,469	7,438	7,366	1.1
Nondurable goods industries.....	81,353	81,238	81,802	0.1	-0.7	-0.3	81,810	81,335	82,321	86,355	-5.3
Food products.....	17,865	17,898	17,945	-0.2	-0.3	-1.0	17,651	17,535	17,870	17,983	-1.8
Beverage and tobacco products.....	5,046	5,074	5,137	-0.6	-1.2	-0.6	5,152	5,190	5,334	5,168	-0.3
Textiles.....	1,143	1,158	1,159	-1.3	-0.1	-1.5	1,157	1,179	1,164	1,171	-1.2
Textile products.....	1,198	1,179	1,182	1.6	-0.3	0.5	1,203	1,165	1,172	1,175	2.4
Apparel.....	825	796	814	3.6	-2.2	0.5	815	777	804	628	29.8
Leather and allied products.....	248	244	246	1.6	-0.8	-2.4	246	238	244	254	-3.1
Paper products.....	8,499	8,512	8,566	-0.2	-0.6	0.3	8,492	8,546	8,619	7,844	8.3
Printing.....	2,740	2,750	2,764	-0.4	-0.5	-0.3	2,726	2,743	2,732	2,710	0.6
Petroleum and coal products.....	8,382	8,306	8,470	0.9	-1.9	0.7	8,641	8,402	8,548	12,704	-32.0
Chemical products.....	25,362	25,410	25,560	-0.2	-0.6	0.1	25,555	25,576	25,724	26,348	-3.0
Plastics and rubber products.....	10,045	9,911	9,959	1.4	-0.5	-0.8	10,172	9,984	10,109	10,370	-1.9
WORK IN PROCESS											
All manufacturing industries.....	203,912	203,328	203,578	0.3	-0.1	0.4	205,477	203,484	205,160	203,047	1.2
Durable goods industries.....	156,688	156,435	156,250	0.2	0.1	0.5	157,724	155,601	156,872	146,972	7.3
Wood products.....	2,265	2,267	2,257	-0.1	0.4	0.0	2,306	2,314	2,297	2,103	9.7
Nonmetallic mineral products.....	1,492	1,478	1,451	0.9	1.9	-1.2	1,537	1,522	1,497	1,346	14.2
Primary metals.....	11,587	11,723	11,841	-1.2	-1.0	-0.5	11,660	11,700	11,212	10,972	6.3
Fabricated metal products.....	13,294	13,344	13,308	-0.4	0.3	0.4	13,301	13,244	13,246	12,990	2.4
Machinery.....	19,768	19,883	19,736	-0.6	0.7	-0.8	19,778	19,589	19,818	19,029	3.9
Computers and electronic products.....	15,461	15,252	14,931	1.4	2.1	1.4	15,592	15,084	15,083	14,599	6.8
Electrical equipment, appliances, and components.....	3,903	3,907	3,891	-0.1	0.4	-0.6	3,959	3,887	3,902	3,737	5.9
Transportation equipment.....	84,120	83,812	84,181	0.4	-0.4	0.8	84,772	83,544	84,264	77,722	9.1
Furniture and related products.....	1,050	1,048	1,043	0.2	0.5	3.5	1,047	1,035	1,037	979	6.9
Miscellaneous products.....	3,748	3,721	3,611	0.7	3.0	1.1	3,772	3,682	3,616	3,495	7.9
Nondurable goods industries.....	47,224	46,893	47,328	0.7	-0.9	0.2	47,753	47,883	48,288	56,075	-14.8
Food products.....	5,470	5,376	5,403	1.7	-0.5	1.1	5,146	5,283	5,512	4,952	3.9
Beverage and tobacco products.....	7,131	7,062	7,059	1.0	0.0	0.7	7,053	7,184	7,356	6,766	4.2
Textiles.....	794	767	795	3.5	-3.5	1.5	795	759	790	800	-0.6
Textile products.....	452	449	445	0.7	0.9	1.8	460	449	447	446	3.1
Apparel.....	322	337	339	-4.5	-0.6	1.2	317	317	329	325	-2.5
Leather and allied products.....	94	97	95	-3.1	2.1	2.2	96	98	96	102	-5.9
Paper products.....	1,297	1,312	1,302	-1.1	0.8	2.5	1,308	1,320	1,311	1,292	1.2
Printing.....	1,302	1,300	1,270	0.2	2.4	0.2	1,307	1,269	1,266	1,243	5.1
Petroleum and coal products.....	10,098	9,529	10,103	6.0	-5.7	2.0	10,448	9,687	10,301	18,456	-43.4
Chemical products.....	17,538	17,929	17,862	-2.2	0.4	-1.5	18,039	18,732	18,207	18,912	-4.6
Plastics and rubber products.....	2,726	2,735	2,655	-0.3	3.0	-0.4	2,784	2,785	2,673	2,781	0.1
FINISHED GOODS											
All manufacturing industries.....	229,126	229,215	229,193	0.0	0.0	0.1	230,781	229,087	230,789	233,115	-1.0
Durable goods industries.....	110,289	109,718	109,839	0.5	-0.1	0.3	111,624	110,250	111,696	107,750	3.6
Wood products.....	4,402	4,417	4,413	-0.3	0.1	0.5	4,573	4,709	4,629	4,450	2.8
Nonmetallic mineral products.....	6,568	6,663	6,699	-1.4	-0.5	-0.1	6,755	6,906	6,883	6,655	1.5
Primary metals.....	11,660	11,736	12,164	-0.6	-3.5	-2.0	11,856	12,032	12,520	12,220	-3.0
Fabricated metal products.....	18,070	17,918	17,990	0.8	-0.4	0.9	18,458	18,295	18,335	17,021	8.4
Machinery.....	20,979	20,830	20,715	0.7	0.6	-0.2	21,349	20,872	21,057	21,588	-1.1
Computers and electronic products.....	11,610	11,368	11,418	2.1	-0.4	0.4	11,367	10,887	11,594	10,638	6.9
Electrical equipment, appliances, and components.....	6,065	6,073	5,985	-0.1	1.5	0.1	6,170	6,059	6,030	5,924	4.2
Transportation equipment.....	17,191	16,928	16,844	1.6	0.5	1.7	17,459	16,926	17,102	16,053	8.8
Furniture and related products.....	2,366	2,395	2,339	-1.2	2.4	1.8	2,310	2,265	2,273	2,209	4.6
Miscellaneous products.....	11,378	11,390	11,272	-0.1	1.0	0.8	11,327	11,299	11,273	10,992	3.0
Nondurable goods industries.....	118,837	119,497	119,354	-0.6	0.1	-0.1	119,157	118,837	119,093	125,365	-5.0
Food products.....	29,293	29,344	29,451	-0.2	-0.4	-0.4	28,572	28,465	28,837	28,819	-0.9
Beverage and tobacco products.....	7,540	7,574	7,598	-0.4	-0.3	0.5	7,659	7,497	7,458	7,573	1.1
Textiles.....	1,269	1,319	1,324	-3.8	-0.4	-0.1	1,281	1,320	1,324	1,314	-2.5
Textile products.....	1,328	1,363	1,382	-2.6	-1.4	-0.9	1,338	1,371	1,385	1,508	-11.3
Apparel.....	1,342	1,301	1,401	3.2	-7.1	2.0	1,264	1,229	1,394	1,095	15.4
Leather and allied products.....	514	523	527	-1.7	-0.8	0.8	494	503	512	475	4.0
Paper products.....	6,741	6,738	6,766	0.0	-0.4	-0.6	6,776	6,755	6,825	6,573	3.1
Printing.....	1,606	1,626	1,636	-1.2	-0.6	-1.7	1,604	1,576	1,538	1,554	3.2
Petroleum and coal products.....	18,684	19,141	18,461	-2.4	3.7	1.8	18,530	18,686	18,165	23,550	-21.3
Chemical products.....	38,648	38,571	38,748	0.2	-0.5	-0.6	39,394	39,054	39,345	40,428	-2.6
Plastics and rubber products.....	11,872	11,997	12,060	-1.0	-0.5	-0.1	12,245	12,381	12,310	12,476	-1.9

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

¹ Estimates of shipments and new orders are for the duration of the period, while estimates of 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 ¹

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

Industry	Inventory/Shipments ratio				Unfilled Orders/Shipments ratio ²			
	Apr 2015 ³	Mar 2015 ¹	Feb 2015	Jan 2015	Apr 2015 ³	Mar 2015 ¹	Feb 2015	Jan 2015
	All manufacturing industries ³	1.35	1.34	1.35	1.35	(X)	(X)	(X)
Durable goods industries ³	1.67	1.67	1.69	1.67	6.98	6.99	7.07	6.99
Wood products.....	1.43	1.40	1.34	1.33	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.34	1.35	1.35	1.32	(X)	(X)	(X)	(X)
Primary metals.....	1.76	1.74	1.77	1.75	1.65	1.62	1.63	1.60
Fabricated metal products.....	1.64	1.64	1.64	1.61	2.82	2.83	2.84	2.83
Machinery.....	2.02	2.02	2.02	2.03	3.74	3.78	3.84	3.91
Computers and electronic products ³	1.60	1.58	1.60	1.60	5.95	5.99	6.18	6.16
Electrical equipment, appliances, and components.....	1.60	1.59	1.57	1.57	2.43	2.41	2.37	2.37
Transportation equipment.....	1.68	1.67	1.74	1.69	15.31	15.39	15.82	15.29
Furniture and related products.....	1.13	1.15	1.14	1.12	1.45	1.48	1.48	1.45
Miscellaneous products.....	1.57	1.59	1.58	1.59	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.02	1.02	1.02	1.04	(X)	(X)	(X)	(X)
Food products.....	0.80	0.79	0.79	0.79	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.54	1.56	1.64	1.63	(X)	(X)	(X)	(X)
Textiles.....	1.25	1.27	1.28	1.27	(X)	(X)	(X)	(X)
Textile products.....	1.57	1.62	1.61	1.45	(X)	(X)	(X)	(X)
Apparel.....	2.18	2.13	2.16	2.13	(X)	(X)	(X)	(X)
Leather and allied products.....	1.77	1.82	1.92	1.83	(X)	(X)	(X)	(X)
Paper products.....	1.01	1.02	1.03	1.02	(X)	(X)	(X)	(X)
Printing.....	0.79	0.79	0.80	0.81	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.72	0.72	0.71	0.76	(X)	(X)	(X)	(X)
Chemical products.....	1.29	1.30	1.29	1.30	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.29	1.28	1.28	1.27	(X)	(X)	(X)	(X)

X Not Applicable ¹ Preliminary ² Revised data due to late receipts and concurrent seasonal adjustment.

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

³ Unfilled orders to shipments ratio excludes semiconductor manufacturing.

Table 8. Revisions to Previously Published Monthly Percent Changes ¹

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

Industry	Shipments		New Orders		Unfilled Orders		Inventories	
	Apr ² 2015	Apr ³ 2014- Mar 2015	Apr ² 2015	Apr ³ 2014- Mar 2015	Apr ² 2015	Apr ³ 2014- Mar 2015	Apr ² 2015	Apr ³ 2014- Mar 2015
	All manufacturing industries.....	(X)	0.2	(X)	0.3	(X)	0.1	(X)
Durable goods industries.....	-0.1	0.3	-0.5	0.6	-0.1	0.1	0.0	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.....	-0.1	0.4	-0.1	1.1	-0.1	0.6	-0.2	0.4
Fabricated metal products.....	0.1	0.3	-0.9	0.4	-0.1	0.1	0.0	0.1
Machinery.....	-0.6	0.6	-2.2	0.9	-0.4	0.1	0.2	0.2
Computers and electronic products.....	-0.2	0.5	-0.4	0.5	-0.1	0.1	0.1	0.2
Electrical equipment, appliances, and components.....	0.5	0.5	0.5	0.9	-0.1	0.3	-0.3	0.3
Transportation equipment.....	0.0	0.4	0.1	1.1	0.0	0.1	-0.1	0.1
Furniture and related products.....	(X)	0.4	(X)	0.7	(X)	0.6	(X)	0.3
Miscellaneous products.....	(X)	0.8	(X)	0.8	(X)	0.4	(X)	0.2
Nondurable goods industries.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.2
Food products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Beverage and tobacco products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.5
Textiles.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.4
Textile products.....	(X)	2.2	(X)	(NA)	(X)	(NA)	(X)	0.6
Apparel.....	(X)	1.1	(X)	(NA)	(X)	(NA)	(X)	0.8
Leather and allied products.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.5
Paper products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Printing.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.5
Petroleum and coal products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	1.2
Chemical products.....	(X)	0.4	(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

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

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

³ The twelve month revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the absolute values of the differences for the months specified. The advance to final percent change revisions for the durable goods industries are shown in the advance report for the month.

Survey Description

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

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

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

Benchmark notice

Revised historical data from the Manufacturers' Shipments, Inventories, and Orders (M3) Survey were issued on May 14, 2015. These revisions result from benchmarking the shipments and inventories data to the 2012 Economic Census and the 2013 Annual Survey of Manufactures (ASM) data on a 2012 North American Industry Classification System (NAICS) basis, as well as revised ASM benchmarks for prior years on a 2007 NAICS basis; incorporating the unfilled orders to shipments ratios obtained from the 2013/2012 and 2012/2011 Manufacturers' Unfilled Orders Surveys by applying these ratios to the respective Census or ASM shipments data, as well as incorporating revised unfilled orders to shipments ratios for prior years; adjusting the new orders data to be consistent with the benchmarked shipments and unfilled orders data; correcting monthly data for late receipts, reclassifications of reported data, and revisions to previously reported data; and updating the seasonally adjusted data based on the results of benchmarking and the recent annual review of the seasonal adjustment models. These revisions spanned the seasonally adjusted data for January 1997 through March 2015 and the data not seasonally adjusted for January 2001 through March 2015. An updated Press Release contains revised monthly tables for January 2015 through March 2015 on a 2012 NAICS basis, which will be the new basis for publishing data from the M3 Survey starting with the April 2015 Advance Report on Durable Goods. Please call M3 staff on (301) 763-4832 with any questions.