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Full Report on Manufacturers' Shipments, Inventories and Orders September 2014

Summary

New orders for manufactured goods in September, down two consecutive months, decreased \$2.8 billion or 0.6 percent to \$499.4 billion, the U.S. Census Bureau reported today. This followed a 10.0 percent August decrease. Excluding transportation, new orders decreased slightly.

Shipments, up three of the last four months, increased \$0.7 billion or 0.1 percent to \$503.4 billion. This followed a 1.1 percent August decrease.

Unfilled orders, up seventeen of the last eighteen months, increased \$3.7 billion or 0.3 percent to \$1,168.7 billion. This was at the highest level since the series was first published on a NAICS basis in 1992 and followed a 0.6 percent August increase. The unfilled orders-to-shipments ratio was 6.71, unchanged from August.

Inventories, up twenty-two of the last twenty-three months, increased \$1.5 billion or 0.2 percent to \$655.2 billion. This was also at the highest level since the series was first published on a NAICS basis and followed a 0.1 percent August increase. The inventories-to-shipments ratio was 1.30, unchanged from August.

New Orders

New orders for manufactured durable goods in September, down two consecutive months, decreased \$2.8 billion or 1.1 percent to \$242.2 billion, revised from the previously published 1.3 percent decrease. This followed an 18.3 percent August decrease.

Transportation equipment, also down two consecutive months, led the decrease, \$2.7 billion or 3.5 percent to \$73.6 billion.

New orders for manufactured nondurable goods increased \$0.1 billion or slightly to \$257.2 billion.

Shipments

Shipments of manufactured durable goods in September, up three of the last four months, increased \$0.7 billion or 0.3 percent to \$246.2 billion, revised from the previously published 0.1 percent increase. This followed a 1.7 percent August decrease.

Transportation equipment, also up three of the last four months, led the increase, \$0.4 billion or 0.5 percent to \$72.7 billion.

Shipments of manufactured nondurable goods, up following two consecutive monthly decreases, increased \$0.1 billion or slightly to \$257.2 billion. This followed a 0.4 percent August decrease. Chemical products, up five of the last six months, drove the increase, \$0.1 billion or 0.1 percent to \$63.3 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in September, up seventeen of the last eighteen months, increased \$3.7 billion or 0.3 percent to \$1,168.7 billion, unchanged from the previously published increase. This was at the highest level since the series was first published on a NAICS basis and followed a 0.6 percent August increase.

Computers and electronic products, up twelve of the last thirteen months, led the increase, \$1.0 billion or 0.7 percent to \$144.8 billion.

Inventories

Inventories of manufactured durable goods in September, up seventeen of the last eighteen months, increased \$1.7 billion or 0.4 percent to \$404.6 billion, unchanged from the previously published increase. This was at the highest level since the series was first published on a NAICS basis and followed a 0.4 percent August increase.

Transportation equipment, also up seventeen of the last eighteen months, led the increase, \$1.0 billion or 0.8 percent to \$130.9 billion.

Inventories of manufactured nondurable goods, down four consecutive months, decreased \$0.1 billion or slightly to \$250.6 billion. This followed a 0.4 percent August decrease. Petroleum and coal products, also down four consecutive months, drove the decrease, \$0.5 billion or 1.0 percent to \$46.6 billion.

By stage of fabrication, September materials and supplies decreased 0.5 percent in durable goods and increased 0.3 percent in nondurable goods. Work in process increased 0.6 percent in durable goods and decreased 0.8 percent in nondurable goods. Finished goods increased 1.3 percent in durable goods and 0.1 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 October is scheduled for release on November 26, 2014 at 8:30 a.m. EST and the Full Report on December 5, 2014, at 10:00 a.m. EST. See back page for survey description. To receive the latest updates on the Nation's key economic indicators, download the America's Economy app for Apple and Android smartphones and tablets. The U.S. Census Bureau updated its Application Programming Interface (API) with monthly and quarterly economic indicators. The API allows developers to combine Census Bureau statistics with other data sets to create tools for research on a variety of topics.

Table 1. Value of Manufacturers' Shipments for Industry 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		% Change 2014/ 2013
	Sept. 2014 ^P	Aug. 2014 ^F	July 2014	Aug. - Sept.	July - Aug.	June - July	Sept. 2014 ^P	Aug. 2014 ^F	July 2014	Sept. 2013	2014 ^P	2013	
All manufacturing industries.....	503,424	502,690	508,108	0.1	-1.1	1.4	519,517	513,910	497,821	499,417	4,500,289	4,371,443	2.9
Excluding transportation.....	430,738	430,380	431,666	0.1	-0.3	0.3	442,367	440,349	432,697	426,088	3,865,002	3,762,794	2.7
Excluding defense.....	491,671	490,760	496,269	0.2	-1.1	1.3	506,581	502,121	487,414	485,616	4,395,767	4,263,331	3.1
With unfilled orders.....	174,258	173,615	174,918	0.4	-0.7	2.9	184,012	175,899	165,593	170,033	1,524,494	1,446,921	5.4
Durable goods industries.....	246,213	245,532	249,815	0.3	-1.7	3.7	258,596	249,043	237,040	241,966	2,167,803	2,062,828	5.1
Wood products.....	8,304	8,385	8,515	-1.0	-1.5	-0.1	8,650	8,885	8,876	7,677	74,288	66,021	12.5
Nonmetallic mineral products.....	9,327	9,149	9,188	1.9	-0.4	1.7	10,067	10,082	9,878	9,080	81,951	76,293	7.4
Primary metals.....	27,878	27,692	27,582	0.7	0.4	1.9	28,409	28,355	27,385	25,778	245,694	229,706	7.0
Iron and steel mills.....	11,529	11,310	11,391	1.9	-0.7	2.1	11,583	11,477	11,249	10,454	100,800	96,187	4.8
Aluminum and nonferrous metals.....	14,517	14,593	14,402	-0.5	1.3	1.8	14,868	15,101	14,424	13,551	128,771	117,977	9.1
Ferrous metal foundries.....	1,832	1,789	1,789	2.4	0.0	0.5	1,958	1,777	1,712	1,773	16,123	15,542	3.7
Fabricated metal products.....	30,497	30,268	30,261	0.8	0.0	0.3	32,050	31,663	30,141	29,848	270,719	262,013	3.3
Machinery.....	37,120	37,017	36,926	0.3	0.2	3.3	38,131	36,530	36,011	34,498	326,344	308,298	5.9
Farm machinery.....	1,294	1,157	1,500	11.8	-22.9	-8.7	1,031	815	1,489	1,360	16,105	18,996	-15.2
Construction machinery.....	4,635	4,680	4,620	-1.0	1.3	3.1	4,624	4,606	4,505	4,228	41,141	41,256	-0.3
Mining, oil field, and gas field machinery.....	2,308	2,306	2,393	0.1	-3.6	6.7	2,380	2,276	2,308	2,289	20,471	19,282	6.2
Industrial machinery.....	5,909	6,052	5,717	-2.4	5.9	18.2	6,467	6,032	5,413	4,431	45,541	33,212	37.1
Photographic equipment.....	717	687	713	4.4	-3.6	3.8	795	681	666	752	6,184	5,896	4.9
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,688	3,673	3,701	0.4	-0.8	0.1	3,884	3,905	4,110	3,828	34,150	33,688	1.4
Metalworking machinery.....	3,219	3,162	3,177	1.8	-0.5	-0.7	3,485	3,063	3,136	3,234	28,255	26,809	5.4
Turbines, generators, and other power transmission equipment.....	4,340	4,301	4,100	0.9	4.9	2.3	4,216	4,291	3,933	3,793	36,140	35,795	1.0
Material handling equipment.....	3,062	2,976	3,004	2.9	-0.9	2.2	3,134	3,071	2,896	2,967	26,662	25,216	5.7
Computers and electronic products ²	29,145	29,590	29,955	-1.5	-1.2	3.1	31,285	28,505	29,578	31,021	257,959	245,938	4.9
Computers.....	354	399	458	-11.3	-12.9	-7.3	421	366	354	648	3,813	4,643	-17.9
Computer storage devices.....	780	836	834	-6.7	0.2	-16.5	1,155	665	484	1,684	8,027	8,729	-8.0
Other peripheral equipment.....	830	844	1,023	-1.7	-17.5	6.7	1,135	706	746	1,177	7,600	6,975	9.0
Nondefense communications equipment.....	3,401	3,372	3,383	0.9	-0.3	-2.6	4,096	3,294	2,897	4,169	30,405	31,448	-3.3
Defense communications equipment....	404	368	467	9.8	-21.2	29.0	450	364	437	479	3,528	3,837	-8.1
Audio and video equipment.....	373	403	408	-7.4	-1.2	-3.1	332	361	346	285	3,102	2,123	46.1
Electronic components.....	3,621	3,574	3,747	1.3	-4.6	0.7	3,772	3,603	3,777	3,555	32,060	30,969	3.5
Nondefense search and navigation equipment.....	1,404	1,394	1,355	0.7	2.9	-1.4	1,630	1,362	1,225	1,495	12,297	11,641	5.6
Defense search and navigation equipment.....	2,937	3,091	2,891	-5.0	6.9	-0.7	3,202	3,038	2,529	3,226	25,648	25,493	0.6
Electromedical, measuring, and control instruments.....	7,025	7,017	6,910	0.1	1.5	2.4	8,031	6,558	6,183	7,204	60,718	55,797	8.8
Electrical equipment, appliances, and components.....	10,731	10,646	10,605	0.8	0.4	1.9	11,419	10,853	10,221	10,522	93,818	92,545	1.4
Household lighting equipment.....	895	896	884	-0.1	1.4	1.1	916	876	855	857	7,763	7,306	6.3
Household appliances.....	1,826	1,803	1,883	1.3	-4.2	4.8	1,930	1,810	1,818	1,709	15,962	14,869	7.4
Electrical equipment.....	3,371	3,379	3,386	-0.2	-0.2	0.1	3,775	3,428	3,216	3,671	30,703	30,492	0.7
Batteries.....	1,114	1,038	1,007	7.3	3.1	2.0	1,242	1,057	923	1,026	8,894	8,312	7.0
Transportation equipment.....	72,686	72,310	76,442	0.5	-5.4	8.0	77,150	73,561	65,124	73,329	635,287	608,649	4.4
Automobiles.....	9,748	9,702	9,701	0.5	0.0	2.6	10,297	9,970	7,993	10,989	84,265	94,576	-10.9
Light trucks and utility vehicles.....	13,211	13,410	15,625	-1.5	-14.2	20.9	13,771	14,016	12,197	13,638	121,975	112,956	8.0
Heavy duty trucks.....	2,935	2,813	2,789	4.3	0.9	4.1	3,098	2,803	2,719	2,216	23,718	20,338	16.6
Motor vehicle bodies, parts, and trailers.....	21,594	21,330	22,698	1.2	-6.0	7.5	22,217	22,095	19,975	20,889	191,104	175,106	9.1
Nondefense aircraft and parts.....	13,405	13,192	13,394	1.6	-1.5	4.0	14,681	12,816	11,722	12,089	108,573	98,013	10.8
Defense aircraft and parts.....	4,524	4,362	4,560	3.7	-4.3	3.3	5,021	4,309	3,822	5,498	40,070	41,721	-4.0
Ships and boats.....	2,466	2,406	2,442	2.5	-1.5	1.9	2,550	2,369	2,278	2,459	21,296	21,833	-2.5
Furniture and related products.....	5,887	5,855	5,798	0.5	1.0	1.2	6,119	6,333	5,891	5,796	51,968	50,584	2.7
Miscellaneous durable goods.....	14,638	14,620	14,543	0.1	0.5	0.8	15,316	14,276	13,935	14,417	129,775	122,781	5.7
Nondurable goods industries.....	257,211	257,158	258,293	0.0	-0.4	-0.8	260,921	264,867	260,781	257,451	2,332,486	2,308,615	1.0
Food products.....	66,242	66,345	66,116	-0.2	0.3	0.2	67,620	66,820	64,222	63,621	585,605	552,302	6.0
Grain and oilseed milling.....	7,586	7,650	7,647	-0.8	0.0	-1.1	7,700	7,737	7,441	7,771	68,107	71,458	-4.7
Dairy products.....	9,929	9,779	9,771	1.5	0.1	0.9	10,103	9,843	9,780	8,675	86,561	76,059	13.8
Meat, poultry, and seafood products...	20,491	20,392	20,490	0.5	-0.5	0.1	20,650	20,745	20,262	18,844	179,819	161,251	11.5
Beverage and tobacco products.....	12,042	12,052	12,252	-0.1	-1.6	1.9	12,313	12,355	12,450	12,381	107,463	108,020	-0.5
Beverages.....	8,720	8,679	8,690	0.5	-0.1	-0.1	8,991	8,982	8,888	9,172	78,443	78,555	-0.1
Tobacco.....	3,322	3,373	3,562	-1.5	-5.3	7.1	3,322	3,373	3,562	3,209	29,020	29,465	-1.5
Textile mills.....	2,687	2,661	2,725	1.0	-2.3	0.6	2,760	2,787	2,670	2,751	24,495	23,982	2.1
Textile products.....	2,113	2,096	2,074	0.8	1.1	-2.3	2,138	2,210	2,092	2,101	18,831	18,749	0.4
Apparel.....	1,217	1,169	1,241	4.1	-5.8	-0.8	1,309	1,274	1,278	1,211	10,418	9,778	6.5
Leather and allied products.....	490	499	497	-1.8	0.4	-0.4	500	514	486	482	4,459	4,323	3.1
Paper products.....	14,448	14,460	14,504	-0.1	-0.3	0.6	14,838	14,886	14,745	14,613	130,226	128,802	1.1
Pulp, paper, and paperboard mills.....	6,801	6,797	6,839	0.1	-0.6	0.7	6,990	7,032	6,980	6,848	61,070	60,318	1.2
Paperboard containers.....	4,452	4,464	4,456	-0.3	0.2	1.0	4,553	4,573	4,623	4,457	40,085	39,239	2.2
Printing.....	6,485	6,464	6,546	0.3	-1.3	-0.3	6,796	6,524	6,241	6,544	57,697	58,098	-0.7
Petroleum and coal products.....	69,141	69,159	70,263	0.0	-1.6	-3.6	69,364	74,379	74,144	71,850	647,896	657,265	-1.4
Petroleum refineries.....	65,352	65,440	66,663	-0.1	-1.8	-3.8	64,958	69,941	69,959	67,869	614,450	625,020	-1.7
Chemical products.....	63,294	63,223	63,036	0.1	0.3	0.2	63,958	63,557	63,233	63,245	572,700	579,122	-1.1
Pesticides, fertilizers, and other agricultural chemicals.....	2,769	2,797	2,945	-1.0	-5.0	1.3	2,446	2,248	2,438	2,221	26,796	25,450	5.3
Pharmaceuticals and medicines.....	14,413	14,445	14,302	-0.2	1.0	-3.7	14,552	14,289	14,170	15,885	132,412	138,832	-4.6
Paints, coatings, and adhesives.....	3,084	3,093	3,096	-0.3	-0.1	-0.2	3,101	3,248	3,384	3,024	28,701	28,342	1.3
Plastics and rubber products.....	19,052	19,030	19,039	0.1	0.0	0.4	19,325	19,561	19,220	18,652	172,696	168,174	2.7

^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 no longer shown separately, but are included in computers and electronic products, and all other applicable aggregate totals.

Table 2. Value of Manufacturers' New Orders for Industry 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		
	Sept. 2014 ^P	Aug. 2014 ^F	July 2014	Aug. - Sept.	July - Aug.	June - July	Sept. 2014 ^P	Aug. 2014 ^F	July 2014	Sept. 2013	2014 ^P	2013	% Change 2014/2013
All manufacturing industries ²	499,395	502,159	558,155	-0.6	-10.0	10.5	516,425	503,695	543,697	501,728	4,531,671	4,350,811	4.2
Excluding transportation ²	425,794	425,868	425,784	0.0	0.0	-0.7	436,709	431,634	423,124	418,820	3,825,198	3,724,599	2.7
Excluding defense ²	488,417	491,570	547,735	-0.6	-10.3	11.3	503,867	495,519	535,996	486,940	4,430,281	4,256,206	4.1
With unfilled orders ²	177,987	181,084	233,140	-1.7	-22.3	28.7	187,691	173,557	221,810	179,036	1,624,060	1,487,857	9.2
Durable goods industries ²	242,184	245,001	299,862	-1.1	-18.3	22.5	255,504	238,828	282,916	244,277	2,199,185	2,042,196	7.7
Primary metals.....	28,667	27,972	27,896	2.5	0.3	-0.4	28,352	27,599	27,638	25,320	248,255	231,922	7.0
Iron and steel mills.....	11,906	11,346	11,425	4.9	-0.7	-3.2	11,402	10,760	11,260	10,249	102,180	97,451	4.9
Aluminum and nonferrous metals.....	14,800	14,708	14,690	0.6	0.1	1.8	14,982	14,921	14,706	13,474	129,561	119,085	8.8
Ferrous metal foundries.....	1,961	1,918	1,781	2.2	7.7	1.3	1,968	1,918	1,672	1,597	16,514	15,386	7.3
Fabricated metal products.....	30,847	30,612	30,673	0.8	-0.2	-0.1	31,674	31,344	30,362	29,344	273,747	272,185	0.6
Machinery.....	37,220	38,226	37,780	-2.6	1.2	-1.4	37,591	37,015	36,230	34,490	338,050	313,291	7.9
Construction machinery.....	4,722	5,125	4,863	-7.9	5.4	-6.2	4,374	4,929	4,220	4,414	45,883	41,409	10.8
Mining, oil field, and gas field machinery.....	2,471	2,520	2,148	-1.9	17.3	6.7	2,504	2,300	2,218	2,210	20,793	21,178	-1.8
Industrial machinery.....	6,054	6,045	5,684	0.1	6.4	17.8	6,430	5,867	5,371	4,338	45,660	33,737	35.3
Photographic equipment.....	383	765	720	-49.9	6.3	32.1	480	788	732	961	5,832	6,796	-14.2
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,884	4,039	3,773	-3.8	7.1	0.4	4,165	4,123	3,875	4,015	35,412	33,683	5.1
Metalworking machinery.....	3,043	3,334	3,314	-8.7	0.6	2.6	3,286	3,198	3,249	3,181	28,344	26,742	6.0
Turbines, generators, and other power transmission equipment.....	4,425	4,025	4,606	9.9	-12.6	-8.2	4,290	3,874	4,465	3,849	39,014	37,100	5.2
Material handling equipment.....	3,074	3,214	3,227	-4.4	-0.4	-6.2	3,183	3,262	2,918	2,664	28,028	25,599	9.5
Computers and electronic products ²	22,364	22,894	22,504	-2.3	1.7	-0.8	26,357	20,897	19,562	25,250	197,557	189,117	4.5
Computers.....	494	476	586	3.8	-18.8	-14.8	561	443	482	635	4,476	4,748	-5.7
Nondefense communications equipment.....	3,207	3,761	3,817	-14.7	-1.5	12.5	4,012	3,611	3,113	4,746	33,276	35,531	-6.3
Defense communications equipment.....	326	475	363	-31.4	30.9	-1.4	420	466	279	509	3,259	3,390	-3.9
Electronic components.....	3,621	3,585	3,744	1.0	-4.2	-0.6	3,670	3,685	3,838	3,318	32,346	31,120	3.9
Nondefense search and navigation equipment.....	1,841	1,834	1,728	0.4	6.1	-9.1	2,125	1,659	1,588	1,749	15,888	14,612	8.7
Defense search and navigation equipment.....	3,461	3,032	2,732	14.1	11.0	-10.5	4,102	2,525	2,241	3,324	25,399	22,902	10.9
Electromedical, measuring, and control instruments.....	7,173	7,356	6,965	-2.5	5.6	2.0	8,555	6,461	6,186	7,416	61,607	56,272	9.5
Electrical equipment, appliances, and components.....	11,243	10,913	10,590	3.0	3.1	-3.0	11,511	10,795	10,000	10,064	96,383	93,431	3.2
Electric lighting equipment.....	883	888	898	-0.6	-1.1	2.2	923	872	847	889	7,797	7,353	6.0
Household appliances.....	1,846	1,837	1,869	0.5	-1.7	2.0	1,994	1,786	1,806	1,710	16,084	14,912	7.9
Electrical equipment.....	3,528	3,457	3,519	2.1	-1.8	0.3	3,624	3,370	3,378	3,416	31,593	30,866	2.4
Transportation equipment.....	73,601	76,291	132,371	-3.5	-42.4	73.3	79,716	72,061	120,573	82,908	706,473	626,212	12.8
Motor vehicle bodies, parts, and trailers.....	21,806	21,656	22,789	0.7	-5.0	7.3	22,382	22,497	19,705	19,901	191,667	174,480	9.9
Nondefense aircraft and parts.....	15,264	18,192	69,976	-16.1	-74.0	315.6	18,308	13,998	69,225	21,259	180,914	129,585	39.6
Defense aircraft and parts.....	3,509	3,806	3,994	-7.8	-4.7	-32.7	3,994	2,711	3,226	6,281	37,034	35,011	5.8
Ships and boats.....	2,176	2,314	2,444	-6.0	-5.3	104.2	2,018	1,959	1,859	2,415	22,993	17,493	31.4
Furniture and related products.....	5,973	5,946	5,800	0.5	2.5	0.0	6,270	5,881	5,860	5,733	52,777	50,977	3.5
Nondurable goods industries.....	257,211	257,158	258,293	0.0	-0.4	-0.8	260,921	264,867	260,781	257,451	2,332,486	2,308,615	1.0

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

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

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 Sep. 2014/ 2013
	Monthly			Percent Change			Monthly				
	Sept. 2014 ^P	Aug. 2014 ^F	July 2014	Aug. - Sept.	July - Aug.	June - July	Sept. 2014 ^P	Aug. 2014 ^F	July 2014	Sept. 2013	
All manufacturing industries ²	1,168,658	1,164,929	1,157,460	0.3	0.6	5.3	1,159,844	1,156,165	1,158,507	1,031,800	12.4
Excluding transportation ²	426,010	423,196	419,708	0.7	0.8	0.5	422,217	421,104	421,946	394,708	7.0
Excluding defense ²	980,496	975,992	967,182	0.5	0.9	6.6	972,072	968,015	966,744	834,953	16.4
Durable goods industries ²	1,168,658	1,164,929	1,157,460	0.3	0.6	5.3	1,159,844	1,156,165	1,158,507	1,031,800	12.4
Primary metals.....	40,302	39,513	39,233	2.0	0.7	0.8	38,614	38,671	39,427	34,343	12.4
Iron and steel mills.....	20,233	19,856	19,820	1.9	0.2	0.2	19,097	19,278	19,995	16,963	12.6
Aluminum and nonferrous metals.....	15,526	15,243	15,128	1.9	0.8	1.9	15,109	14,995	15,175	13,423	12.6
Ferrous metal foundries.....	4,543	4,414	4,285	2.9	3.0	-0.2	4,408	4,398	4,257	3,957	11.4
Fabricated metal products.....	87,093	86,743	86,399	0.4	0.4	0.5	86,825	87,201	87,520	89,124	-2.6
Machinery.....	120,665	120,565	119,356	0.1	1.0	0.7	119,453	119,993	119,508	106,783	11.9
Construction machinery.....	16,857	16,770	16,325	0.5	2.7	1.5	16,102	16,352	16,029	10,094	59.5
Mining, oil field, and gas field machinery.....	14,304	14,141	13,927	1.2	1.5	-1.7	14,314	14,190	14,166	14,216	0.7
Industrial machinery.....	8,743	8,598	8,605	1.7	-0.1	-0.4	8,598	8,635	8,800	7,854	9.5
Photographic equipment.....	3,541	3,875	3,797	-8.6	2.1	0.2	3,627	3,942	3,835	4,208	-13.8
Ventilation, heating, air-conditioning, and refrigeration equipment.....	6,806	6,610	6,244	3.0	5.9	1.2	6,691	6,410	6,192	5,206	28.5
Metalworking machinery.....	6,023	6,199	6,027	-2.8	2.9	2.3	5,914	6,113	5,978	5,814	1.7
Turbines, generators, and other power transmission equipment.....	29,193	29,108	29,384	0.3	-0.9	1.8	29,083	29,009	29,426	26,851	8.3
Material handling equipment.....	11,775	11,763	11,525	0.1	2.1	2.0	11,784	11,735	11,544	10,363	13.7
Computers and electronic products ²	144,826	143,849	142,545	0.7	0.9	0.5	144,753	142,910	142,645	135,409	6.9
Computers.....	4,052	3,912	3,835	3.6	2.0	3.5	4,052	3,912	3,835	3,332	21.6
Nondefense communications equipment.....	34,820	35,014	34,625	-0.6	1.1	1.3	34,663	34,747	34,430	30,039	15.4
Defense communications equipment.....	3,433	3,511	3,404	-2.2	3.1	-3.0	3,466	3,496	3,394	4,027	-13.9
Electronic components.....	12,873	12,873	12,862	0.0	0.1	0.0	12,853	12,955	12,873	12,676	1.4
Nondefense search and navigation equipment.....	21,231	20,794	20,354	2.1	2.2	1.9	21,336	20,841	20,544	17,191	24.1
Defense search and navigation equipment.....	41,693	41,169	41,228	1.3	-0.1	-0.4	41,695	40,795	41,308	42,580	-2.1
Electromedical, measuring, and control instruments.....	26,724	26,576	26,237	0.6	1.3	0.2	26,688	26,164	26,261	25,564	4.4
Electrical equipment, appliances, and components.....	25,320	24,808	24,541	2.1	1.1	-0.1	24,855	24,763	24,821	21,860	13.7
Electric lighting equipment.....	1,134	1,146	1,154	-1.0	-0.7	1.2	1,165	1,158	1,162	1,229	-5.2
Household appliances.....	919	899	865	2.2	3.9	-1.6	881	817	841	714	23.4
Electrical equipment.....	12,386	12,229	12,151	1.3	0.6	1.1	12,144	12,295	12,353	11,196	8.5
Transportation equipment.....	742,648	741,733	737,752	0.1	0.5	8.2	737,627	735,061	736,561	637,092	15.8
Motor vehicle bodies, parts, and trailers.....	17,408	17,196	16,870	1.2	1.9	0.5	17,079	16,914	16,512	16,159	5.7
Nondefense aircraft and parts.....	572,179	570,320	565,320	0.3	0.9	11.1	568,049	564,422	563,240	462,928	22.7
Defense aircraft and parts.....	62,340	63,355	63,911	-1.6	-0.9	-0.9	61,475	62,502	64,100	65,649	-6.4
Ships and boats.....	19,662	19,952	20,044	-1.5	-0.5	0.0	19,810	20,342	20,752	20,149	-1.7
Furniture and related products.....	6,697	6,611	6,520	1.3	1.4	0.0	6,610	6,459	6,911	6,112	8.1

^P Preliminary ^F Revised data due to late receipts and concurrent seasonal adjustment.¹ Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted estimates of shipments and new orders include adjusted data for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holiday and trading-day differences, where appropriate, as well as seasonal variation, based on the results of the latest annual review of the model parameters. Estimates are not adjusted for price changes.² Data on 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 Sep. 2014/ 2013
	Monthly			Percent Change			Monthly				
	Sept. 2014 ^p	Aug. 2014 ^r	July 2014	Aug. - Sept.	July - Aug.	June - July	Sept. 2014 ^p	Aug. 2014 ^r	July 2014	Sept. 2013	
All manufacturing industries.....	655,190	653,641	653,068	0.2	0.1	0.0	654,832	658,284	656,295	632,639	3.5
Excluding transportation.....	524,293	523,762	523,745	0.1	0.0	-0.1	524,063	527,295	525,687	513,804	-2.0
Excluding defense.....	626,194	624,342	623,871	0.3	0.1	0.0	625,991	629,034	626,949	604,822	3.5
With unfilled orders.....	332,242	330,808	329,341	0.4	0.4	0.5	331,353	334,459	332,515	312,012	6.2
Durable goods industries.....	404,558	402,908	401,361	0.4	0.4	0.4	403,617	406,780	404,423	381,124	5.9
Wood products.....	10,689	10,683	10,684	0.1	0.0	0.1	10,621	10,602	10,512	9,863	7.7
Nonmetallic mineral products.....	12,069	12,012	12,064	0.5	-0.4	-1.4	11,893	11,938	12,122	11,539	3.1
Primary metals.....	37,391	37,159	36,827	0.6	0.9	1.1	37,486	37,473	36,932	35,274	6.3
Iron and steel mills.....	21,556	21,413	21,132	0.7	1.3	0.9	21,685	21,605	21,170	20,236	7.2
Aluminum and nonferrous metals.....	13,594	13,480	13,418	0.8	0.5	1.6	13,602	13,585	13,516	12,853	5.8
Ferrous metal foundries.....	2,241	2,266	2,277	-1.1	-0.5	0.1	2,199	2,283	2,246	2,185	0.6
Fabricated metal products.....	49,940	49,841	49,646	0.2	0.4	0.6	49,888	50,131	50,186	47,529	5.0
Machinery.....	67,677	67,354	67,326	0.5	0.0	0.3	67,375	68,155	67,641	65,868	2.3
Farm machinery.....	3,755	3,812	3,960	-1.5	-3.7	-1.4	3,491	3,658	3,850	3,617	-3.5
Construction machinery.....	5,223	5,115	5,076	2.1	0.8	1.6	5,230	5,047	5,013	5,326	-1.8
Mining, oil field, and gas field machinery.....	6,640	6,497	6,547	2.2	-0.8	1.1	6,637	6,561	6,614	7,286	-8.9
Industrial machinery.....	6,701	6,733	6,758	-0.5	-0.4	0.3	6,716	6,803	6,714	6,365	5.5
Photographic equipment.....	1,528	1,564	1,526	-2.3	2.5	0.3	1,528	1,616	1,554	1,626	-6.0
Ventilation, heating, air-conditioning, and refrigeration equipment.....	5,145	5,114	5,048	0.6	1.3	1.2	5,035	5,209	5,167	4,738	6.3
Metalworking machinery.....	5,649	5,604	5,629	0.8	-0.4	0.5	5,806	5,720	5,714	5,600	3.7
Turbines, generators, and other power transmission equipment.....	10,895	10,876	10,757	0.2	1.1	0.1	10,859	11,426	11,005	10,382	4.6
Material handling equipment.....	4,683	4,704	4,694	-0.4	0.2	0.2	4,834	4,863	4,809	4,683	3.2
Computers and electronic products ²	48,747	48,684	48,446	0.1	0.5	0.0	48,623	49,575	48,968	46,769	4.0
Computers.....	933	914	917	2.1	-0.3	2.5	976	976	944	972	0.4
Computer storage devices.....	2,075	2,066	2,088	0.4	-1.1	4.6	2,022	2,166	2,135	1,867	8.3
Other peripheral equipment.....	1,694	1,679	1,697	0.9	-1.1	-0.5	1,629	1,736	1,724	1,560	4.4
Nondefense communications equipment.....	6,542	6,542	6,499	0.0	0.7	-1.5	6,454	6,634	6,469	6,201	4.1
Defense communications equipment.....	988	1,075	1,163	-8.1	-7.6	-2.9	988	1,075	1,163	1,302	-24.1
Audio and video equipment.....	895	864	846	3.6	2.1	4.3	1,016	926	857	769	32.1
Electronic components.....	8,989	8,957	8,857	0.4	1.1	-0.2	8,883	8,995	8,960	8,149	9.0
Nondefense search and navigation equipment.....	3,818	3,794	3,791	0.6	0.1	0.2	3,817	3,848	3,822	3,614	5.6
Defense search and navigation equipment.....	3,272	3,240	3,233	1.0	0.2	2.1	3,211	3,257	3,307	2,909	10.4
Electromedical, measuring and control instruments.....	12,939	12,996	12,894	-0.4	0.8	0.8	12,709	13,327	13,088	12,114	4.9
Electrical equipment, appliances, and components.....	16,577	16,749	16,636	-1.0	0.7	2.7	16,273	16,947	16,839	16,423	-0.9
Electric lighting equipment.....	2,304	2,283	2,271	0.9	0.5	0.2	2,277	2,313	2,356	2,079	9.5
Household appliances.....	1,967	2,001	2,004	-1.7	-0.1	0.2	1,973	2,073	2,049	1,850	6.6
Electrical equipment.....	4,805	4,814	4,808	-0.2	0.1	0.7	4,522	4,869	4,866	4,494	6.6
Batteries.....	1,231	1,206	1,213	2.1	-0.6	0.4	1,246	1,237	1,227	1,171	6.4
Transportation equipment.....	130,897	129,879	129,323	0.8	0.4	0.3	130,769	130,989	130,608	118,835	10.0
Automobiles.....	2,960	2,889	2,840	2.5	1.7	4.2	3,054	2,844	2,856	2,813	8.6
Light trucks and utility vehicles.....	2,774	2,747	2,783	1.0	-1.3	-1.8	2,844	2,773	2,813	2,507	13.4
Heavy duty trucks.....	1,552	1,587	1,548	-2.2	2.5	-4.1	1,528	1,584	1,513	1,748	-12.6
Motor vehicle bodies, parts, and trailers.....	20,039	19,730	19,496	1.6	1.2	0.4	20,089	19,832	19,670	18,503	8.6
Nondefense aircraft and parts.....	73,803	73,035	73,024	1.1	0.0	0.8	73,471	73,909	73,865	64,983	13.1
Defense aircraft and parts.....	14,326	14,588	14,421	-1.8	1.2	1.6	14,298	14,642	14,546	13,504	5.9
Ships and boats.....	2,306	2,278	2,306	1.2	-1.2	-3.3	2,294	2,248	2,257	2,372	-3.3
Furniture and related products.....	6,288	6,276	6,244	0.2	0.5	0.5	6,290	6,400	6,425	5,974	5.3
Miscellaneous durable goods.....	24,283	24,271	24,165	0.0	0.4	0.7	24,399	24,570	24,190	23,050	5.9
Non-durable goods industries.....	250,632	250,733	251,707	0.0	-0.4	-0.7	251,215	251,504	251,872	251,515	-0.1
Food products.....	47,431	47,476	47,625	-0.1	-0.3	0.2	48,248	47,904	47,009	48,072	0.4
Grain and oilseed milling.....	4,926	4,881	4,914	0.9	-0.7	-1.5	4,736	4,698	4,679	4,916	-3.7
Dairy products.....	6,486	6,532	6,444	-0.7	1.4	0.4	6,509	6,738	6,703	6,055	7.5
Meat, poultry, and seafood products.....	9,243	9,336	9,398	-1.0	-0.7	0.0	9,376	9,509	9,415	9,236	1.5
Beverage and tobacco products.....	21,083	20,942	20,767	0.7	0.8	-0.4	21,071	20,258	20,057	20,348	3.6
Beverages.....	16,841	16,719	16,605	0.7	0.7	-0.1	16,900	16,241	16,095	16,289	3.8
Tobacco.....	4,242	4,223	4,162	0.4	1.5	-1.6	4,171	4,017	3,962	4,059	2.8
Textile mills.....	3,472	3,466	3,457	0.2	0.3	0.7	3,460	3,484	3,482	3,338	3.7
Textile products.....	3,145	3,144	3,152	0.0	-0.3	0.7	3,150	3,148	3,159	3,091	1.9
Apparel.....	2,758	2,739	2,745	0.7	-0.2	1.7	2,917	2,909	2,905	2,348	24.2
Leather and allied products.....	1,081	1,071	1,067	0.9	0.4	-0.3	1,112	1,093	1,087	1,083	2.7
Paper products.....	14,660	14,604	14,572	0.4	0.2	0.2	14,636	14,684	14,607	14,390	1.7
Pulp, paper, and paperboard mills.....	6,123	6,054	6,030	1.1	0.4	-0.7	6,080	6,079	6,041	6,036	0.7
Paperboard containers.....	4,367	4,379	4,382	-0.3	-0.1	0.7	4,348	4,381	4,368	4,153	4.7
Printing.....	5,926	5,893	5,866	0.6	0.5	0.1	5,991	6,110	6,015	5,598	7.0
Petroleum and coal products.....	46,630	47,118	48,400	-1.0	-2.6	-3.2	47,182	47,531	48,910	49,789	-5.2
Petroleum refineries.....	42,953	43,366	44,601	-1.0	-2.8	-3.6	43,554	43,725	45,051	46,175	-5.7
Chemical products.....	81,827	81,697	81,567	0.2	0.2	-0.3	81,048	81,916	82,187	81,187	-0.2
Pesticides, fertilizers, and other agricultural chemicals.....	4,272	4,352	4,319	-1.8	0.8	-0.4	3,959	4,098	4,006	3,885	1.9
Pharmaceuticals and medicines.....	30,911	30,890	31,091	0.1	-0.6	-0.9	30,550	30,929	31,403	31,157	-1.9
Paints, coatings, and adhesives.....	3,452	3,396	3,385	1.6	0.3	0.5	3,357	3,380	3,454	3,167	6.0
Plastics and rubber products.....	22,619	22,583	22,489	0.2	0.4	0.3	22,400	22,467	22,454	22,271	0.6

^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, but are not shown separately.

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

Table 5. Value of Manufacturers' Shipments, New Orders, Unfilled Orders, and Total Inventories for Topical Series^{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			
	Sept. 2014 ^p	Aug. 2014 ^r	July 2014	Aug. - Sept.	July - Aug.	June - July	Sept. 2014 ^p	Aug. 2014 ^r	July 2014	Sept. 2013	2014 ^p	2013	
SHIPMENTS													
All manufacturing industries.....	503,424	502,690	508,108	0.1	-1.1	1.4	519,517	513,910	497,821	499,417	4,500,289	4,371,443	2.9
Construction materials and supplies.....	46,345	45,990	46,144	0.8	-0.3	0.9	48,957	49,350	48,625	45,059	412,243	392,058	5.1
Information technology.....	22,008	22,233	22,191	-1.0	0.2	0.4	25,093	21,392	19,535	24,785	194,395	190,863	1.9
Computers and related products.....	1,964	2,079	2,315	-5.5	-10.2	-5.6	2,711	1,737	1,584	3,509	19,440	20,347	-4.5
Motor vehicle and parts.....	47,488	47,255	50,813	0.5	-7.0	10.1	49,383	48,884	42,884	46,932	421,062	402,976	4.5
Capital goods.....	90,256	89,638	89,195	0.7	0.5	1.9	97,024	88,260	83,116	89,365	779,801	744,707	4.7
Nondefense capital goods ³	80,580	79,832	79,602	0.9	0.3	1.9	86,357	78,523	74,661	78,348	694,402	657,109	5.7
Excluding aircraft.....	70,629	70,450	70,307	0.3	0.2	2.0	75,413	69,289	66,549	68,442	618,766	589,499	5.0
Defense capital goods ⁴	9,676	9,806	9,593	-1.3	2.2	1.9	10,667	9,737	8,455	11,017	85,399	87,598	-2.5
Consumer goods.....	210,669	210,969	214,382	-0.1	-1.6	0.2	214,429	217,376	209,857	213,850	1,911,186	1,887,587	1.3
Consumer durable goods.....	37,098	37,194	39,458	-0.3	-5.7	8.9	38,965	37,861	33,310	38,426	331,516	325,391	1.9
Consumer nondurable goods.....	173,571	173,775	174,924	-0.1	-0.7	-1.6	175,464	179,515	176,547	175,424	1,579,670	1,562,196	1.1
NEW ORDERS													
All manufacturing industries ⁵	499,395	502,159	558,155	-0.6	-10.0	10.5	516,425	503,695	543,697	501,728	4,531,671	4,350,811	4.2
Construction materials and supplies.....	46,523	46,604	46,649	-0.2	-0.1	0.7	48,937	49,452	49,033	45,184	417,919	393,846	6.1
Information technology.....	22,998	23,767	22,777	-3.2	4.3	-1.7	26,895	21,710	19,502	25,916	203,058	196,781	3.2
Computers and related products.....	2,104	2,156	2,443	-2.4	-11.7	-7.7	2,851	1,814	1,712	3,496	20,103	20,452	-1.7
Motor vehicle and parts.....	47,700	47,581	50,904	0.3	-6.5	10.0	49,548	49,286	42,614	46,744	421,625	402,350	4.8
Capital goods.....	91,485	95,379	144,635	-4.1	-34.1	52.5	99,111	87,466	136,223	98,027	860,658	782,713	10.0
Nondefense capital goods ³	82,117	86,659	136,323	-5.2	-36.4	60.9	88,318	80,570	130,082	86,102	777,829	705,998	10.2
Excluding aircraft.....	71,956	73,112	72,836	-1.6	0.4	-0.1	75,790	69,843	67,793	69,841	640,256	609,494	5.0
Defense capital goods ⁴	9,368	8,720	8,312	7.4	4.9	-17.9	10,793	6,896	6,141	11,925	82,829	76,715	8.0
Consumer goods.....	210,725	211,031	214,313	-0.1	-1.5	0.1	214,614	217,176	209,844	213,882	1,911,472	1,887,794	1.3
Consumer durable goods.....	37,154	37,256	39,389	-0.3	-5.4	8.3	39,150	37,661	33,297	38,458	331,802	325,598	1.9
Consumer nondurable goods.....	173,571	173,775	174,924	-0.1	-0.7	-1.6	175,464	179,515	176,547	175,424	1,579,670	1,562,196	1.1
UNFILLED ORDERS													
All manufacturing industries ⁵	1,168,658	1,164,929	1,157,460	0.3	0.6	5.3	1,159,844	1,156,165	1,158,507	1,031,800	(X)	(X)	12.4
Construction materials and supplies.....	56,595	56,417	55,803	0.3	1.1	0.9	56,577	56,597	56,495	51,456	(X)	(X)	10.0
Information technology.....	146,375	145,385	143,851	0.7	1.1	0.4	146,192	144,390	144,072	135,662	(X)	(X)	7.8
Computers and related products.....	4,052	3,912	3,835	3.6	2.0	3.5	4,052	3,912	3,835	3,332	(X)	(X)	21.6
Motor vehicle and parts.....	17,408	17,196	16,870	1.2	1.9	0.5	17,079	16,914	16,512	16,159	(X)	(X)	5.7
Capital goods.....	890,846	889,617	883,876	0.1	0.6	6.7	885,302	883,215	884,009	779,220	(X)	(X)	13.6
Nondefense capital goods ³	733,028	731,491	724,664	0.2	0.9	8.5	727,298	725,337	723,290	612,160	(X)	(X)	18.8
Excluding aircraft.....	252,182	250,855	248,193	0.5	1.1	1.0	250,135	249,758	249,204	227,834	(X)	(X)	9.8
Defense capital goods ⁴	157,818	158,126	159,212	-0.2	-0.7	-0.8	158,004	157,878	160,719	167,060	(X)	(X)	-5.4
Consumer goods.....	4,953	4,897	4,835	1.1	1.3	-1.4	4,819	4,634	4,834	4,280	(X)	(X)	12.6
Consumer durable goods.....	4,953	4,897	4,835	1.1	1.3	-1.4	4,819	4,634	4,834	4,280	(X)	(X)	12.6
TOTAL INVENTORIES													
All manufacturing industries.....	655,190	653,641	653,068	0.2	0.1	0.0	654,832	658,284	656,295	632,639	(X)	(X)	3.5
Construction materials and supplies.....	64,907	64,764	64,642	0.2	0.2	0.0	64,492	64,888	65,073	61,508	(X)	(X)	4.9
Information technology.....	41,161	41,390	41,207	-0.6	0.4	1.4	40,807	42,234	41,613	39,971	(X)	(X)	2.1
Computers and related products.....	4,702	4,659	4,702	0.9	-0.9	2.3	4,627	4,878	4,803	4,399	(X)	(X)	5.2
Motor vehicle and parts.....	27,325	26,953	26,667	1.4	1.1	0.3	27,515	27,033	26,852	25,571	(X)	(X)	7.6
Capital goods.....	208,326	207,646	207,237	0.3	0.2	0.7	207,353	210,344	208,915	195,190	(X)	(X)	6.2
Nondefense capital goods ³	184,710	183,755	183,434	0.5	0.2	0.9	183,864	186,556	185,088	172,420	(X)	(X)	6.6
Excluding aircraft.....	122,930	122,748	122,325	0.1	0.3	0.7	122,305	124,697	123,192	118,984	(X)	(X)	2.8
Defense capital goods ⁴	23,616	23,891	23,803	-1.2	0.4	-0.9	23,489	23,788	23,827	22,770	(X)	(X)	3.2
Consumer goods.....	188,486	188,633	189,953	-0.1	-0.7	-0.9	189,948	189,334	189,660	189,493	(X)	(X)	0.2
Consumer durable goods.....	27,135	27,050	27,003	0.3	0.2	0.6	27,351	27,286	27,029	25,257	(X)	(X)	8.3
Consumer nondurable goods.....	161,351	161,583	162,950	-0.1	-0.8	-1.1	162,597	162,048	162,631	164,236	(X)	(X)	-1.0

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				
	Monthly			Percent Change			Monthly				% Change Sep. 2014/ 2013
	Sept. 2014 ^P	Aug. 2014 ^F	July 2014	Aug. - Sept.	July - Aug.	June - July	Sept. 2014 ^P	Aug. 2014 ^F	July 2014	Sept. 2013	
MATERIALS AND SUPPLIES											
All manufacturing industries.....	211,018	211,460	212,137	-0.2	-0.3	0.3	211,250	212,422	212,937	203,976	3.6
Durable goods industries.....	130,749	131,425	131,532	-0.5	-0.1	0.9	131,227	132,684	132,258	124,955	5.0
Wood products.....	4,053	4,052	4,089	0.0	-0.9	0.6	4,147	4,073	4,008	3,877	7.0
Nonmetallic mineral products.....	4,382	4,360	4,463	0.5	-2.3	-2.5	4,366	4,347	4,485	4,318	1.1
Primary metals.....	14,263	14,257	14,364	0.0	-0.7	2.0	14,503	14,399	14,379	14,271	1.6
Fabricated metal products.....	17,716	18,085	18,014	-2.0	0.4	0.3	17,862	18,255	18,214	17,457	2.3
Machinery.....	25,762	25,612	25,460	0.6	0.6	0.9	25,813	26,003	25,850	24,496	5.4
Computers and electronic products.....	19,530	19,669	19,642	-0.7	0.1	1.3	19,417	19,840	19,820	18,109	7.2
Electrical equipment, appliances, and components.....	6,417	6,817	6,759	-5.9	0.9	4.2	6,297	6,903	6,843	6,872	-8.4
Transportation equipment.....	28,003	27,927	28,133	0.3	-0.7	0.0	28,190	28,109	27,957	25,672	9.8
Furniture and related products.....	3,040	3,053	3,044	-0.4	0.3	0.2	3,041	3,076	3,100	2,803	8.5
Miscellaneous products.....	7,583	7,593	7,564	-0.1	0.4	1.3	7,591	7,679	7,602	7,080	7.2
Nondurable goods industries.....	80,269	80,035	80,605	0.3	-0.7	-0.5	80,023	79,738	80,679	79,021	1.3
Food products.....	16,361	16,458	16,398	-0.6	0.4	-1.1	16,282	16,195	16,216	16,102	1.1
Beverage and tobacco products.....	5,246	5,199	5,187	0.9	0.2	-1.9	5,138	5,008	4,999	5,264	-2.4
Textiles.....	1,225	1,213	1,213	1.0	0.0	-0.2	1,217	1,219	1,228	1,219	-0.2
Textile products.....	1,306	1,312	1,321	-0.5	-0.7	0.6	1,310	1,314	1,332	1,228	6.7
Apparel.....	930	916	908	1.5	0.9	2.9	949	930	920	752	26.2
Leather and allied products.....	301	310	305	-2.9	1.6	1.7	304	315	310	316	-3.8
Paper products.....	6,983	6,971	6,988	0.2	-0.2	0.4	6,963	6,956	6,962	6,767	2.9
Printing.....	2,536	2,539	2,539	-0.1	0.0	0.2	2,559	2,598	2,597	2,461	4.0
Petroleum and coal products.....	12,278	11,958	12,722	2.7	-6.0	-1.2	12,401	11,931	12,814	12,778	-3.0
Chemical products.....	23,890	24,011	23,878	-0.5	0.6	-0.3	23,773	24,152	24,096	23,207	-2.4
Plastics and rubber products.....	9,213	9,148	9,146	0.7	0.0	0.6	9,127	9,120	9,205	8,927	2.2
WORK IN PROCESS											
All manufacturing industries.....	215,074	214,561	213,472	0.2	0.5	0.0	212,898	215,056	214,470	201,166	5.8
Durable goods industries.....	162,834	161,925	160,935	0.6	0.6	0.3	162,025	163,717	162,985	151,521	6.9
Wood products.....	2,074	2,030	2,019	2.2	0.5	-1.5	2,069	2,019	2,028	1,765	17.2
Nonmetallic mineral products.....	1,403	1,380	1,387	1.7	-0.5	-0.9	1,384	1,370	1,413	1,328	4.2
Primary metals.....	11,293	11,090	10,920	1.8	1.6	1.7	11,237	11,313	11,069	10,470	7.3
Fabricated metal products.....	13,889	14,012	14,009	-0.9	0.0	1.2	13,962	14,227	14,164	13,579	2.8
Machinery.....	19,566	19,527	19,479	0.2	0.2	-2.4	19,510	19,921	19,581	19,001	2.7
Computers and electronic products.....	15,788	15,977	16,241	-1.2	-1.6	-0.2	15,637	16,223	16,528	15,937	-1.9
Electrical equipment, appliances, and components.....	3,974	3,743	3,652	6.2	2.5	1.8	3,898	3,765	3,679	3,668	6.3
Transportation equipment.....	90,035	89,358	88,466	0.8	1.0	0.5	89,477	90,005	89,711	80,811	10.7
Furniture and related products.....	1,012	1,014	1,010	-0.2	0.4	1.0	1,012	1,022	1,028	980	3.3
Miscellaneous products.....	3,800	3,794	3,752	0.2	1.1	2.0	3,839	3,852	3,784	3,982	-3.6
Nondurable goods industries.....	52,240	52,636	52,537	-0.8	0.2	-0.6	50,873	51,339	51,485	49,645	2.5
Food products.....	4,914	4,959	5,116	-0.9	-3.1	2.5	4,397	4,437	4,501	4,306	2.1
Beverage and tobacco products.....	7,418	7,387	7,237	0.4	2.1	0.5	7,230	6,596	6,459	6,816	6.1
Textiles.....	791	783	781	1.0	0.3	2.1	797	797	792	735	8.4
Textile products.....	460	450	445	2.2	1.1	1.4	464	449	445	429	8.2
Apparel.....	379	373	374	1.6	-0.3	-0.3	396	397	408	325	21.8
Leather and allied products.....	89	89	93	0.0	-4.3	-3.1	89	88	93	102	-12.7
Paper products.....	1,385	1,393	1,399	-0.6	-0.4	1.0	1,381	1,412	1,415	1,400	-1.4
Printing.....	1,287	1,322	1,303	-2.6	1.5	-1.0	1,323	1,462	1,350	1,319	0.3
Petroleum and coal products.....	14,034	14,434	14,470	-2.8	-0.2	-4.1	13,876	14,569	14,631	14,419	-3.8
Chemical products.....	18,891	18,765	18,662	0.7	0.6	0.6	18,323	18,436	18,730	17,152	6.8
Plastics and rubber products.....	2,592	2,681	2,657	-3.3	0.9	0.5	2,597	2,696	2,661	2,642	-1.7
FINISHED GOODS											
All manufacturing industries.....	229,098	227,620	227,459	0.6	0.1	-0.3	230,684	230,806	228,888	227,497	1.4
Durable goods industries.....	110,975	109,558	108,894	1.3	0.6	0.2	110,365	110,379	109,180	104,648	5.5
Wood products.....	4,562	4,601	4,576	-0.8	0.5	0.5	4,405	4,510	4,476	4,221	4.4
Nonmetallic mineral products.....	6,284	6,272	6,214	0.2	0.9	-0.7	6,143	6,221	6,224	5,893	4.2
Primary metals.....	11,835	11,812	11,543	0.2	2.3	-0.6	11,746	11,761	11,484	10,533	11.5
Fabricated metal products.....	18,335	17,744	17,623	3.3	0.7	0.5	18,064	17,649	17,808	16,493	9.5
Machinery.....	22,349	22,215	22,387	0.6	-0.8	2.0	22,052	22,231	22,210	22,371	-1.4
Computers and electronic products.....	13,429	13,038	12,563	3.0	3.8	-1.8	13,569	13,512	12,620	12,723	6.6
Electrical equipment, appliances, and components.....	6,186	6,189	6,225	0.0	-0.6	1.7	6,078	6,279	6,317	5,883	3.3
Transportation equipment.....	12,859	12,594	12,724	2.1	-1.0	-0.7	13,102	12,875	12,940	12,352	6.1
Furniture and related products.....	2,236	2,209	2,190	1.2	0.9	0.7	2,237	2,302	2,297	2,191	2.1
Miscellaneous products.....	12,900	12,884	12,849	0.1	0.3	0.0	12,969	13,039	12,804	11,988	8.2
Nondurable goods industries.....	118,123	118,062	118,565	0.1	-0.4	-0.8	120,319	120,427	119,708	122,849	-2.1
Food products.....	26,156	26,059	26,111	0.4	-0.2	0.5	27,569	27,272	26,292	27,664	-0.3
Beverage and tobacco products.....	8,419	8,356	8,343	0.8	0.2	-0.2	8,703	8,654	8,599	8,268	5.3
Textiles.....	1,456	1,470	1,463	-1.0	0.5	0.8	1,446	1,468	1,462	1,384	4.5
Textile products.....	1,379	1,382	1,386	-0.2	-0.3	0.5	1,376	1,385	1,382	1,434	-4.0
Apparel.....	1,449	1,450	1,463	-0.1	-0.9	1.4	1,572	1,582	1,577	1,271	23.7
Leather and allied products.....	691	672	669	2.8	0.4	-0.7	719	690	684	665	8.1
Paper products.....	6,292	6,240	6,185	0.8	0.9	-0.2	6,292	6,316	6,230	6,223	1.1
Printing.....	2,103	2,032	2,024	3.5	0.4	0.8	2,109	2,050	2,068	1,818	16.0
Petroleum and coal products.....	20,318	20,726	21,208	-2.0	-2.3	-3.7	20,905	21,031	21,465	22,592	-7.5
Chemical products.....	39,046	38,921	39,027	0.3	-0.3	-0.7	38,952	39,328	39,361	40,828	-4.6
Plastics and rubber products.....	10,814	10,754	10,686	0.6	0.6	0.0	10,676	10,651	10,588	10,702	-0.2

^P Preliminary ^F Revised data due to late receipts and concurrent seasonal adjustment.¹ Estimates of shipments and new orders are for the duration of the period, while estimates of 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			
	Sep 2014 ^a	Aug 2014 ^b	Jul 2014	Jun 2014	Sep 2014 ^a	Aug 2014 ^b	Jul 2014	Jun 2014
	All manufacturing industries ³	1.30	1.30	1.29	1.30	(X)	(X)	(X)
Durable goods industries ³	1.64	1.64	1.61	1.66	6.71	6.71	6.62	6.47
Wood products.....	1.29	1.27	1.25	1.25	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.29	1.31	1.31	1.35	(X)	(X)	(X)	(X)
Primary metals.....	1.34	1.34	1.34	1.35	1.45	1.43	1.42	1.44
Fabricated metal products.....	1.64	1.65	1.64	1.64	2.95	2.95	2.94	2.95
Machinery.....	1.82	1.82	1.82	1.88	3.42	3.42	3.43	3.53
Computers and electronic products ³	1.67	1.65	1.62	1.67	7.56	7.49	7.42	7.43
Electrical equipment, appliances, and components.....	1.54	1.57	1.57	1.56	2.63	2.58	2.56	2.61
Transportation equipment.....	1.80	1.80	1.69	1.82	15.87	15.99	15.27	14.91
Furniture and related products.....	1.07	1.07	1.08	1.09	1.36	1.34	1.33	1.35
Miscellaneous products.....	1.66	1.66	1.66	1.66	(X)	(X)	(X)	(X)
Nondurable goods industries.....	0.97	0.98	0.97	0.97	(X)	(X)	(X)	(X)
Food products.....	0.72	0.72	0.72	0.72	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.75	1.74	1.69	1.73	(X)	(X)	(X)	(X)
Textiles.....	1.29	1.30	1.27	1.27	(X)	(X)	(X)	(X)
Textile products.....	1.49	1.50	1.52	1.48	(X)	(X)	(X)	(X)
Apparel.....	2.27	2.34	2.21	2.16	(X)	(X)	(X)	(X)
Leather and allied products.....	2.21	2.15	2.15	2.14	(X)	(X)	(X)	(X)
Paper products.....	1.01	1.01	1.00	1.01	(X)	(X)	(X)	(X)
Printing.....	0.91	0.91	0.90	0.89	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.67	0.68	0.69	0.69	(X)	(X)	(X)	(X)
Chemical products.....	1.29	1.29	1.29	1.30	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.19	1.19	1.18	1.18	(X)	(X)	(X)	(X)

X Not Applicable ^a Preliminary ^b 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	
	Sep ² 2014	Sep ³ 2013-Aug 2014	Sep ² 2014	Sep ³ 2013-Aug 2014	Sep ² 2014	Sep ³ 2013-Aug 2014	Sep ² 2014	Sep ³ 2013-Aug 2014
	All manufacturing industries.....	(X)	0.2	(X)	0.3	(X)	0.1	(X)
Durable goods industries.....	0.2	0.3	0.2	0.5	0.0	0.1	0.0	0.1
Wood products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.3
Nonmetallic mineral products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.2
Primary metals.....	0.1	0.5	0.3	0.6	0.2	0.4	0.0	0.3
Fabricated metal products.....	0.2	0.3	0.1	1.4	0.0	0.2	0.0	0.1
Machinery.....	0.7	0.5	0.2	0.8	-0.2	0.2	0.1	0.2
Computers and electronic products.....	-0.1	0.6	0.2	1.2	0.1	0.2	-0.2	0.2
Electrical equipment, appliances, and components.....	1.1	0.8	1.2	1.2	0.1	0.4	-0.1	0.7
Transportation equipment.....	0.2	0.4	0.2	0.8	0.0	0.1	0.0	0.1
Furniture and related products.....	(X)	0.5	(X)	0.7	(X)	0.5	(X)	0.2
Miscellaneous products.....	(X)	0.5	(X)	0.4	(X)	0.3	(X)	0.2
Nondurable goods industries.....	(X)	0.1	(X)	(NA)	(X)	(NA)	(X)	0.2
Food products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Beverage and tobacco products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.4
Textiles.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.4
Textile products.....	(X)	1.0	(X)	(NA)	(X)	(NA)	(X)	0.4
Apparel.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.4
Leather and allied products.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.4
Paper products.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.2
Printing.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.6
Petroleum and coal products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.6
Chemical products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Plastics and rubber products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.5

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. This survey provides statistics on manufacturers' value of shipments, new orders (net of cancellations), end-of-month order backlog (unfilled orders), end-of-month total inventory (at current cost or market value), and inventories by stage of fabrication (materials and supplies, work-in-process, and finished goods). The M3 includes approximately 4,300 reporting units. Units may be divisions of diversified large companies, large homogenous companies, or single-unit manufacturers in 89 industry categories. Due to the small monthly sample, these 89 categories have been combined into 65 publication levels. The survey methodology assumes that the month-to-month changes of the total operations of those companies in the monthly survey effectively represent the month-to-month movements of all establishments that make up the category. The current coverage levels in the survey show that reported data in the monthly survey represent approximately 60 percent of the shipments estimates at the total manufacturing level. Data published represent manufacturing in a calendar month. The data collection is based on a voluntary survey authorized by Title 13 of the United States Code.

The data presented in this release are based on data obtained from a panel of 4,300 reporting units and provide an indication of the activity within the manufacturing sector. The results differ from what would be obtained from a complete enumeration of all manufacturing companies. In addition, a different panel of 4,300 companies would yield different results. The M3 panel is comprised of companies with \$500 million or more in shipments and a limited number of smaller companies. From a statistical perspective, the panel is not a probability sample; therefore, the sampling errors that are normally provided with sample surveys cannot be measured. Nonsampling errors are attributable to many sources. The use of company or divisional reports to estimate the monthly change for establishments is one source of nonsampling error. The use of primarily large companies to represent the month-to-month movement of all companies is another potential source. Any corrections will be published in the full report. Corrections received after the full report will be released in the next month's advance report. Any revisions made later than two months will be reflected in the annual benchmark publication.

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

Release Dates for the M3 Survey

Survey month	Advance Report (8:30 a.m. release time)	Full Report (10:00 a.m. release time)
October 2014	November 26, 2014	December 5, 2014
November 2014	December 23, 2014	January 6, 2015
December 2014	January 27, 2015	February 3, 2015
January 2015	February 26, 2015	March 5, 2015
February 2015	March 25, 2015	April 2, 2015
March 2015	April 24, 2015	May 4, 2015
April 2015	May 26, 2015	June 2, 2015
May 2015	June 23, 2015	July 2, 2015
June 2015	July 27, 2015	August 4, 2015
July 2015	August 26, 2015	September 2, 2015
August 2015	September 24, 2015	October 2, 2015
September 2015	October 27, 2015	November 3, 2015
October 2015	November 25, 2015	December 3, 2015
November 2015	December 23, 2015	Not available at this time