

U.S. Census Bureau News

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

FOR IMMEDIATE RELEASE
TUESDAY, JANUARY 4, 2011, AT 10:00 A.M. EST

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M3-2 (10)-11
CB11-01

Full Report on Manufacturers' Shipments, Inventories and Orders November 2010

Summary

New orders for manufactured goods in November, up four of the last five months, increased \$3.2 billion or 0.7 percent to \$423.8 billion, the U.S. Census Bureau reported today. This followed a 0.7 percent October decrease. Excluding transportation, new orders increased 2.4 percent.

Shipments, up three consecutive months, increased \$3.4 billion or 0.8 percent to \$424.5 billion. This followed a 0.4 percent October increase.

Unfilled orders, up ten of the last eleven months, increased \$4.8 billion or 0.6 percent to \$826.9 billion. This followed a 0.7 percent October increase. The unfilled orders-to-shipments ratio was unchanged at 5.75.

Inventories, also up ten of the last eleven months, increased \$4.1 billion or 0.8 percent to \$543.8 billion. This followed a 1.1 percent October increase. The inventories-to-shipments ratio was unchanged at 1.28.

New Orders

New orders for manufactured durable goods in November, down three of the last four months, decreased \$0.6 billion or 0.3 percent to \$195.7 billion, revised from the previously published 1.3 percent decrease. This followed a 3.1 percent October decrease.

Transportation equipment, also down three of the last four months, had the largest decrease, \$5.7 billion or 11.1 percent to \$46.0 billion.

New orders for manufactured nondurable goods increased \$3.7 billion or 1.7 percent to \$228.2 billion.

Shipments

Shipments of manufactured durable goods in November, also down three of the last four months, decreased \$0.3 billion or 0.1 percent to \$196.3 billion, revised from the previously published 0.3 percent decrease. This followed a 0.9 percent October decrease.

Transportation equipment, down four consecutive months, had the largest decrease, \$1.5 billion or 3.1 percent to \$46.6 billion.

Shipments of manufactured nondurable goods, up four consecutive months, increased \$3.7 billion or 1.7 percent to \$228.2 billion. This followed a 1.5 percent October increase. Petroleum and coal products, also up four consecutive months, led the increase, up \$2.3 billion or 4.2 percent to \$57.5 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in November, up ten of the last eleven months, increased \$4.8 billion or 0.6 percent to \$826.9 billion, revised from the previously published 0.4 percent increase. This followed a 0.7 percent October increase.

Machinery, up ten consecutive months, had the largest increase, \$2.1 billion or 2.0 percent to \$106.5 billion.

Inventories

Inventories of manufactured durable goods in November, up eleven consecutive months, increased \$2.0 billion or 0.6 percent to \$319.2 billion, unchanged from the previously published increase. This followed a 0.6 percent October increase.

Transportation equipment, also up eleven consecutive months, had the largest increase, \$1.1 billion or 1.3 percent to \$84.3 billion.

Inventories of manufactured nondurable goods, up three consecutive months, increased \$2.1 billion or 0.9 percent to \$224.6 billion. This followed a 2.0 percent October increase. Petroleum and coal products, also up three consecutive months, drove the increase, up \$2.4 billion or 5.3 percent to \$48.1 billion.

By stage of fabrication, November materials and supplies increased 0.4 percent in durable goods and 1.6 percent in nondurable goods. Work in process increased 0.9 percent in durable goods and 0.3 percent in nondurable goods. Finished goods increased 0.5 percent in durable goods and 0.8 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 <http://www.census.gov/m3>.

The advance report on durable goods for December is scheduled for release on January 27, 2011, at 8:30 a.m. EST and the full report on February 3, 2011, at 10:00 a.m. EST. See back page for survey description and 2011 release schedule.

Table 1. Value of Manufacturers' Shipments for Industry Groups¹

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted						
	Monthly			Percent Change			Monthly				Year to date		
	Nov. 2010 ^p	Oct. 2010 ^f	Sept. 2010	Oct. - Nov.	Sept. - Oct.	Aug. - Sept.	Nov. 2010 ^p	Oct. 2010 ^f	Sept. 2010	Nov. 2009	2010 ^p	2009	Percent 2010/2009
All manufacturing industries.....	424,518	421,092	419,568	0.8	0.4	0.7	417,858	431,793	436,668	389,532	4,591,487	4,207,739	9.1
Excluding transportation.....	377,928	373,009	370,676	1.3	0.6	0.9	371,478	381,751	382,838	339,721	4,058,516	3,683,745	10.2
Excluding defense.....	413,127	409,725	407,376	0.8	0.6	0.7	406,448	420,703	423,228	375,438	4,455,045	4,061,853	9.7
With unfilled orders.....	143,816	142,941	144,009	0.6	-0.7	0.2	139,813	145,069	154,980	132,128	1,567,893	1,455,959	7.7
Durable goods industries.....	196,332	196,626	198,431	-0.1	-0.9	0.0	191,862	202,802	211,363	181,812	2,155,436	2,004,550	7.5
Wood products.....	6,439	6,397	6,224	0.7	2.8	-1.6	6,112	6,705	6,670	6,302	73,921	72,627	1.8
Nonmetallic mineral products.....	8,082	8,151	8,153	-0.8	0.0	-0.7	7,913	8,664	8,759	7,549	90,927	88,612	2.6
Primary metals.....	20,857	20,104	20,024	3.7	0.4	0.6	19,503	20,538	21,155	15,505	220,469	165,874	32.9
Iron and steel mills.....	9,821	9,332	9,447	5.2	-1.2	-0.4	9,040	9,460	10,154	6,845	104,854	72,772	44.1
Aluminum and nonferrous metals.....	9,742	9,504	9,328	2.5	1.9	1.5	9,250	9,797	9,632	7,658	102,138	81,418	25.4
Ferrous metal foundries.....	1,294	1,268	1,249	2.1	1.5	0.9	1,213	1,281	1,369	1,002	13,477	11,684	15.3
Fabricated metal products.....	27,371	27,275	27,293	0.4	-0.1	-0.1	26,370	28,281	29,039	24,954	301,245	287,268	4.9
Machinery.....	25,083	24,767	25,518	1.3	-2.9	1.4	23,409	24,667	26,583	20,818	269,326	251,228	7.2
Farm machinery.....	2,122	2,171	2,192	-2.3	-1.0	-6.9	1,628	1,980	2,142	1,324	23,043	21,122	9.1
Construction machinery.....	2,862	2,781	2,548	2.9	9.1	0.2	2,786	3,026	2,543	1,657	26,364	19,864	32.7
Mining, oil field, and gas field machinery.....	1,337	1,309	1,298	2.1	0.8	-3.8	1,340	1,361	1,322	1,441	15,279	17,671	-13.5
Industrial machinery.....	3,053	2,687	2,748	13.6	-2.2	-3.3	2,573	2,618	3,120	2,059	29,615	24,364	21.6
Photographic equipment.....	711	720	734	-1.3	-1.9	-1.2	761	739	821	802	8,087	8,118	-0.4
Ventilation, heating, air-conditioning, and refrigeration equipment.....	2,333	2,348	2,403	-0.6	-2.3	-1.1	2,160	2,185	2,619	2,402	27,323	29,808	-8.3
Metalworking machinery.....	1,640	1,680	1,883	-2.4	-10.8	-2.1	1,584	1,677	2,134	1,583	19,545	18,006	8.5
Turbines, generators, and other power transmission equipment.....	3,051	3,111	3,848	-1.9	-19.2	24.8	3,130	3,273	3,815	2,623	34,002	31,048	9.5
Material handling equipment.....	1,708	1,670	1,668	2.3	0.1	-0.8	1,654	1,656	1,702	1,529	17,775	16,837	5.6
Computers and electronic products ²	33,481	33,743	34,397	-0.8	-1.9	0.4	33,747	35,635	36,292	30,670	360,608	322,716	11.7
Computers.....	4,771	4,638	4,857	2.9	-4.5	3.0	4,517	5,354	4,891	3,553	47,746	39,881	19.7
Computer storage devices.....	705	682	668	3.4	2.1	-7.1	589	519	937	518	7,034	5,820	20.9
Other peripheral equipment.....	1,126	1,150	1,148	-2.1	0.2	2.4	1,085	969	1,440	1,026	11,417	10,830	5.4
Nondefense communications equipment.....	2,958	2,826	2,832	4.7	-0.2	-4.3	3,231	2,459	3,426	3,377	32,472	33,816	-4.0
Defense communications equipment.....	515	509	570	1.2	-10.7	11.5	540	516	613	566	5,948	6,192	-3.9
Audio and video equipment.....	457	412	415	10.9	-0.7	-1.4	680	537	422	628	4,504	4,370	3.1
Electronic components.....	3,977	4,009	3,931	-0.8	2.0	-3.9	3,788	3,925	4,324	3,398	42,677	37,067	15.1
Nondefense search and navigation equipment.....	1,082	1,124	1,167	-3.7	-3.7	16.9	1,086	1,050	1,340	1,040	11,631	11,373	2.3
Defense search and navigation equipment.....	2,801	2,822	2,918	-0.7	-3.3	1.8	2,925	2,786	3,092	3,520	32,384	33,962	-4.6
Electromedical, measuring, and control instruments.....	9,185	9,018	8,712	1.9	3.5	-0.9	9,037	8,779	10,238	7,691	94,546	80,390	17.6
Electrical equipment, appliances, and components.....	9,755	9,690	9,554	0.7	1.4	-0.9	9,632	9,770	10,230	8,839	104,894	98,747	6.2
Electric lighting equipment.....	1,179	1,183	1,167	-0.3	1.4	-0.8	1,198	1,225	1,236	1,190	12,854	12,345	4.1
Household appliances.....	1,650	1,633	1,567	1.0	4.2	-3.6	1,690	1,609	1,660	1,614	18,221	17,782	2.5
Electrical equipment.....	3,245	3,242	3,239	0.1	0.1	-0.2	3,012	3,042	3,479	2,589	34,100	30,774	10.8
Batteries.....	747	742	748	0.7	-0.8	-0.5	890	873	859	864	8,250	7,890	4.6
Transportation equipment.....	46,590	48,083	48,892	-3.1	-1.7	-0.5	46,380	50,042	53,830	49,811	532,971	523,994	1.7
Automobiles.....	5,646	5,705	5,998	-1.0	-4.9	-1.7	5,635	6,264	6,691	5,859	64,859	56,041	15.7
Light trucks and utility vehicles.....	5,582	5,961	5,964	-6.4	-0.1	2.4	5,641	6,834	6,941	5,803	62,019	63,515	-2.4
Heavy duty trucks.....	1,473	1,596	1,651	-7.7	-3.3	2.4	1,473	1,667	1,721	1,485	17,512	14,578	20.1
Motor vehicle bodies, parts, and trailers.....	16,623	16,805	16,807	-1.1	0.0	-1.7	16,559	18,252	17,960	16,350	187,408	168,191	11.4
Nondefense aircraft and parts.....	6,618	7,182	7,002	-7.9	2.6	-6.1	6,640	6,367	7,549	7,668	74,665	84,998	-12.2
Defense aircraft and parts.....	4,878	4,798	5,072	1.7	-5.4	1.9	4,724	4,662	5,872	5,680	56,445	58,904	-3.8
Ships and boats.....	2,087	2,098	2,405	-0.5	-12.8	7.4	2,053	2,097	2,484	2,148	24,607	23,838	3.2
Furniture and related products.....	5,668	5,450	5,537	4.0	-1.6	-0.2	5,513	5,505	5,740	5,161	61,107	60,067	1.7
Miscellaneous durable goods.....	13,006	12,966	12,839	0.3	1.0	-0.3	13,283	12,995	13,065	12,203	139,968	133,417	4.9
Nondurable goods industries.....	228,186	224,466	221,137	1.7	1.5	1.4	225,996	228,991	225,305	207,720	2,436,051	2,203,189	10.6
Food products.....	56,891	56,367	55,713	0.9	1.2	1.2	58,993	59,188	57,575	54,816	609,420	581,735	4.8
Grain and oilseed milling.....	8,067	7,941	7,699	1.6	3.1	-1.3	8,622	8,438	8,121	7,926	86,488	85,518	1.1
Dairy products.....	7,828	7,853	7,889	-0.3	-0.5	2.6	8,179	8,059	8,049	7,313	83,315	76,375	9.1
Meat, poultry, and seafood products.....	16,258	15,984	15,973	1.7	0.1	1.8	16,368	16,295	15,752	14,714	173,127	157,262	10.1
Beverage and tobacco products.....	10,731	10,681	10,809	0.5	-1.2	0.0	10,947	10,712	10,734	9,991	116,011	110,311	5.2
Beverages.....	7,691	7,685	7,665	0.1	0.3	0.5	7,907	7,716	7,590	7,222	83,049	77,859	6.7
Tobacco.....	3,040	2,996	3,144	1.5	-4.7	-1.2	3,040	2,996	3,144	2,769	32,962	32,452	1.6
Textile mills.....	2,364	2,346	2,365	0.8	-0.8	-1.7	2,283	2,454	2,452	2,161	26,164	23,385	11.9
Textile products.....	1,854	1,832	1,829	1.2	0.2	0.2	1,790	1,887	1,840	1,754	20,747	20,142	3.0
Apparel.....	1,319	1,312	1,279	0.5	2.6	-0.9	1,460	1,478	1,349	1,429	14,481	14,315	1.2
Leather and allied products.....	405	399	391	1.5	2.0	-0.5	384	419	451	383	4,447	4,579	-2.9
Paper products.....	14,311	14,384	14,435	-0.5	-0.4	0.3	14,150	14,580	14,799	13,117	156,079	147,340	5.9
Pulp, paper, and paperboard mills.....	6,691	6,697	6,786	-0.1	-1.3	0.1	6,513	6,825	6,947	6,014	72,997	68,023	7.3
Paperboard containers.....	4,131	4,137	4,119	-0.1	0.4	2.1	4,073	4,211	4,200	3,542	44,092	41,197	7.0
Printing.....	7,232	7,127	7,267	1.5	-1.9	0.5	7,483	7,584	7,658	7,180	79,214	78,807	0.5
Petroleum and coal products.....	57,533	55,198	50,884	4.2	8.5	3.0	55,536	56,085	51,589	48,591	585,197	457,394	27.9
Petroleum refineries.....	54,361	52,083	47,807	4.4	8.9	3.1	52,664	52,562	47,976	46,064	549,997	425,669	29.2
Chemical products.....	60,099	59,436	60,865	1.1	-2.3	1.5	58,068	58,772	61,048	54,138	653,352	603,768	8.2
Pesticides, fertilizers, and other agricultural chemicals.....	4,321	4,414	4,359	-2.1	1.3	8.2	3,148	3,142	3,525	2,173	42,843	29,613	44.7
Pharmaceuticals and medicines.....	15,771	15,018	16,064	5.0	-6.5	2.1	15,907	15,650	16,203	15,058	170,219	172,958	-1.6
Paints, coatings, and adhesives.....	2,572	2,569	2,579	0.1	-0.4	-2.7	2,255	2,549	2,666	2,194	29,017	28,243	2.7
Plastics and rubber products.....	15,447	15,384	15,300	0.4	0.5	0.0	14,902	15,832	15,810	14,160	170,939	161,413	5.9

^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 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		
	Nov. 2010 ^P	Oct. 2010 ^F	Sept. 2010	Oct. - Nov.	Sept. - Oct.	Aug. - Sept.	Nov. 2010 ^P	Oct. 2010 ^F	Sept. 2010	Nov. 2009	2010 ^P	2009	Percent 2010/2009
All manufacturing industries ²	423,845	420,691	423,713	0.7	-0.7	3.0	413,079	426,479	440,837	375,764	4,548,613	4,050,534	12.3
Excluding transportation ²	377,878	368,976	368,592	2.4	0.1	1.3	368,469	374,237	382,378	333,165	4,022,933	3,596,717	11.9
Excluding defense ²	411,996	410,643	410,381	0.3	0.1	2.8	402,684	417,474	426,617	365,780	4,416,441	3,922,000	12.6
With unfilled orders ²	148,615	148,634	154,856	0.0	-4.0	6.8	140,794	147,952	164,187	123,179	1,590,189	1,352,455	17.6
Durable goods industries ²	195,659	196,225	202,576	-0.3	-3.1	4.9	187,083	197,488	215,532	168,044	2,112,562	1,847,345	14.4
Primary metals.....	22,416	20,342	20,331	10.2	0.1	2.0	20,521	20,145	20,809	15,286	223,771	162,030	38.1
Iron and steel mills.....	11,427	9,393	9,626	21.7	-2.4	2.3	10,014	8,885	9,778	6,593	107,470	70,732	51.9
Aluminum and nonferrous metals.....	9,697	9,612	9,456	0.9	1.6	2.5	9,268	9,920	9,696	7,685	102,574	80,278	27.8
Ferrous metal foundries.....	1,292	1,337	1,249	-3.4	7.0	-3.2	1,239	1,340	1,335	1,008	13,727	11,020	24.6
Fabricated metal products.....	27,562	26,957	27,305	2.2	-1.3	-0.8	26,110	27,349	28,676	24,720	301,786	277,089	8.9
Machinery.....	27,206	27,253	27,740	-0.2	-1.8	2.9	25,170	27,556	29,161	20,381	288,761	238,351	21.1
Construction machinery.....	2,968	2,993	2,623	-0.8	14.1	-6.3	2,857	3,193	2,758	1,289	27,812	14,183	96.1
Mining, oil field, and gas field machinery.....	1,514	1,079	1,644	40.3	-34.4	14.0	1,601	1,194	1,671	1,429	17,247	14,934	15.5
Industrial machinery.....	2,912	3,714	3,212	-21.6	15.6	5.7	2,398	4,072	3,237	2,211	32,306	20,863	54.8
Photographic equipment.....	730	733	580	-0.4	26.4	-19.7	749	735	686	760	8,030	8,048	-0.2
Ventilation, heating, air-conditioning, and refrigeration equipment.....	2,931	2,932	2,674	0.0	9.6	-2.6	2,474	2,688	3,214	2,447	31,935	33,630	-5.0
Metalworking machinery.....	1,864	1,689	1,874	10.4	-9.9	-4.0	1,830	1,691	2,136	1,430	19,588	16,610	17.9
Turbines, generators, and other power transmission equipment.....	3,943	3,999	4,900	-1.4	-18.4	27.0	4,050	4,089	4,803	2,794	39,167	30,466	28.6
Material handling equipment.....	1,681	1,667	1,784	0.8	-6.6	7.9	1,628	1,549	2,014	1,457	18,681	15,541	20.2
Computers and electronic products ²	28,499	26,815	29,044	6.3	-7.7	2.0	27,361	26,167	33,583	24,651	295,502	264,371	11.8
Computers.....	5,093	4,489	4,997	13.5	-10.2	4.8	4,839	5,205	5,031	3,872	48,020	39,507	21.5
Nondefense communications equipment.....	2,820	2,664	2,963	5.9	-10.1	-14.1	2,595	2,410	3,808	2,901	31,483	34,169	-7.9
Defense communications equipment.....	479	475	659	0.8	-27.9	26.2	338	409	837	342	5,840	5,905	-1.1
Electronic components.....	4,086	4,043	3,880	1.1	4.2	-2.0	3,754	3,890	4,200	3,660	43,513	37,835	15.0
Nondefense search and navigation equipment.....	1,138	1,084	952	5.0	13.9	-2.6	1,148	984	1,149	992	11,380	9,996	13.8
Defense search and navigation equipment.....	2,916	2,392	3,422	21.9	-30.1	4.2	2,754	2,186	3,879	2,503	31,967	32,164	-0.6
Electromedical, measuring, and control instruments.....	9,247	8,965	9,463	3.1	-5.3	8.3	9,070	8,514	11,349	7,675	95,265	78,461	21.4
Electrical equipment, appliances, and components.....	10,546	9,902	10,109	6.5	-2.0	0.7	10,292	9,833	10,396	8,971	109,746	97,335	12.8
Electric lighting equipment.....	1,183	1,120	1,278	5.6	-12.4	5.0	1,111	1,074	1,313	1,194	13,046	12,330	5.8
Household appliances.....	1,693	1,631	1,587	3.8	2.8	2.6	1,752	1,605	1,683	1,612	18,359	17,945	2.3
Electrical equipment.....	3,759	3,420	3,331	9.9	2.7	-4.5	3,579	3,259	3,332	2,740	37,056	29,521	25.5
Transportation equipment.....	45,967	51,715	55,121	-11.1	-6.2	16.5	44,610	52,242	58,459	42,599	525,680	453,817	15.8
Motor vehicle bodies, parts, and trailers.....	16,784	17,083	16,999	-1.8	0.5	-0.8	16,832	18,548	18,036	16,184	186,679	166,268	12.3
Nondefense aircraft and parts.....	6,143	12,427	13,328	-50.6	-6.8	112.6	5,742	10,548	13,195	4,318	79,945	40,495	97.4
Defense aircraft and parts.....	5,112	4,738	6,266	7.9	-24.4	29.7	4,639	4,366	6,634	4,357	56,286	54,322	3.6
Ships and boats.....	2,234	1,663	1,714	34.3	-3.0	19.9	2,080	1,517	1,643	1,241	19,955	17,053	17.0
Furniture and related products.....	5,801	5,566	5,660	4.2	-1.7	0.5	5,576	5,671	5,904	5,145	61,901	60,206	2.8
Nondurable goods industries.....	228,186	224,466	221,137	1.7	1.5	1.4	225,996	228,991	225,305	207,720	2,436,051	2,203,189	10.6

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

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

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

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

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

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Nov. 10/09
	Nov. 2010 ^p	Oct. 2010 ^r	Sept. 2010	Oct. - Nov.	Sept. - Oct.	Aug. - Sept.	Nov. 2010 ^p	Oct. 2010 ^r	Sept. 2010	Nov. 2009	
All manufacturing industries ²	826,863	822,064	816,371	0.6	0.7	1.3	814,982	814,001	811,118	789,146	3.3
Excluding transportation ²	343,413	337,991	335,930	1.6	0.6	1.4	339,316	336,565	335,882	309,364	9.7
Excluding defense ²	672,915	668,574	661,562	0.6	1.1	1.5	665,700	663,704	658,736	638,184	4.3
Durable goods industries ²	826,863	822,064	816,371	0.6	0.7	1.3	814,982	814,001	811,118	789,146	3.3
Primary metals.....	20,619	19,060	18,822	8.2	1.3	1.7	19,673	18,655	19,048	16,092	22.3
Iron and steel mills.....	12,236	10,630	10,569	15.1	0.6	1.7	11,385	10,411	10,986	8,749	30.1
Aluminum and nonferrous metals.....	6,260	6,305	6,197	-0.7	1.7	2.1	6,195	6,177	6,054	5,584	10.9
Ferrous metal foundries.....	2,123	2,125	2,056	-0.1	3.4	0.0	2,093	2,067	2,008	1,759	19.0
Fabricated metal products.....	53,985	53,794	54,112	0.4	-0.6	0.0	52,615	52,875	53,807	51,934	1.3
Machinery.....	106,499	104,376	101,890	2.0	2.4	2.2	106,601	104,840	101,951	87,581	21.7
Construction machinery.....	10,999	10,893	10,681	1.0	2.0	0.7	10,864	10,793	10,626	9,538	13.9
Mining, oil field, and gas field machinery.....	7,812	7,635	7,865	2.3	-2.9	4.6	8,032	7,771	7,938	6,107	31.5
Industrial machinery.....	13,737	13,878	12,851	-1.0	8.0	3.7	13,682	13,857	12,403	11,113	23.1
Photographic equipment.....	2,415	2,396	2,383	0.8	0.5	-6.1	2,378	2,390	2,394	2,390	-0.5
Ventilation, heating, air-conditioning, and refrigeration equipment.....	22,668	22,070	21,486	2.7	2.7	1.3	22,920	22,606	22,103	18,263	25.5
Metalworking machinery.....	6,412	6,188	6,179	3.6	0.1	-0.1	6,406	6,160	6,146	6,337	1.1
Turbines, generators, and other power transmission equipment.....	18,113	17,221	16,333	5.2	5.4	6.9	17,978	17,058	16,242	12,876	39.6
Material handling equipment.....	7,891	7,918	7,921	-0.3	0.0	1.5	7,805	7,831	7,938	7,010	11.3
Computers and electronic products ²	123,087	122,597	123,431	0.4	-0.7	1.1	121,573	122,199	123,470	120,201	1.1
Computers.....	5,645	5,323	5,472	6.0	-2.7	2.6	5,645	5,323	5,472	5,144	9.7
Nondefense communications equipment.....	21,918	22,056	22,218	-0.6	-0.7	0.6	21,790	22,426	22,475	22,600	-3.6
Defense communications equipment.....	6,147	6,183	6,217	-0.6	-0.5	1.5	5,887	6,089	6,196	5,978	-1.5
Electronic components.....	11,648	11,539	11,505	0.9	0.3	-0.4	11,529	11,563	11,598	10,614	8.6
Nondefense search and navigation equipment.....	8,151	8,095	8,135	0.7	-0.5	-2.6	8,123	8,061	8,127	8,479	-4.2
Defense search and navigation equipment.....	39,907	39,792	40,222	0.3	-1.1	1.3	39,169	39,340	39,940	39,376	-0.5
Electromedical, measuring, and control instruments.....	29,671	29,609	29,662	0.2	-0.2	2.6	29,430	29,397	29,662	28,010	5.1
Electrical equipment, appliances, and components.....	26,328	25,537	25,325	3.1	0.8	2.2	25,953	25,293	25,230	21,877	18.6
Electric lighting equipment.....	2,392	2,388	2,451	0.2	-2.6	4.7	2,317	2,404	2,555	2,293	1.0
Household appliances.....	519	476	478	9.0	-0.4	4.4	528	466	470	489	8.0
Electrical equipment.....	16,471	15,957	15,779	3.2	1.1	0.6	16,516	15,949	15,732	14,053	17.5
Transportation equipment.....	483,450	484,073	480,441	-0.1	0.8	1.3	475,666	477,436	475,236	479,782	-0.9
Motor vehicle bodies, parts, and trailers.....	14,151	13,990	13,712	1.2	2.0	1.4	13,919	13,646	13,350	14,305	-2.7
Nondefense aircraft and parts.....	333,091	333,566	328,321	-0.1	1.6	2.0	328,845	329,743	325,562	321,515	2.3
Defense aircraft and parts.....	48,934	48,700	48,760	0.5	-0.1	2.5	47,389	47,474	47,770	46,451	2.0
Ships and boats.....	14,473	14,326	14,761	1.0	-2.9	-4.5	13,726	13,699	14,279	18,574	-26.1
Furniture and related products.....	6,678	6,545	6,429	2.0	1.8	2.0	6,684	6,621	6,455	6,261	6.8

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

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

² Data on unfilled orders are not available for the semiconductor industry. Estimates and percent changes for unfilled orders exclude semiconductor industry data. See note at end of Table 2 relating to survey error and revision.

Table 4. Value of Manufacturers' Inventories for Industry Groups¹

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Nov. 10/09
	Nov. 2010 ^p	Oct. 2010 ^r	Sept. 2010	Oct. - Nov.	Sept. - Oct.	Aug. - Sept.	Nov. 2010 ^p	Oct. 2010 ^r	Sept. 2010	Nov. 2009	
All manufacturing industries.....	543,771	539,681	533,549	0.8	1.1	1.1	545,494	542,462	532,888	510,949	6.8
Excluding transportation.....	459,507	456,494	450,702	0.7	1.3	1.0	460,173	458,726	450,337	434,143	6.0
Excluding defense.....	520,681	516,990	510,868	0.7	1.2	1.2	522,426	519,677	510,264	487,679	7.1
With unfilled orders.....	260,065	258,311	256,578	0.7	0.7	0.8	261,914	259,453	255,599	240,526	8.9
Durable goods industries.....	319,201	317,215	315,405	0.6	0.6	0.7	321,325	318,303	314,070	297,390	8.0
Wood products.....	8,766	8,795	8,875	-0.3	-0.9	0.3	8,803	8,931	8,977	8,510	3.4
Nonmetallic mineral products.....	11,357	11,337	11,309	0.2	0.2	0.5	11,029	11,018	11,098	11,108	-0.7
Primary metals.....	31,393	31,002	30,593	1.3	1.3	0.0	31,436	31,230	30,855	27,036	16.3
Iron and steel mills.....	18,637	18,364	18,129	1.5	1.3	-0.6	18,732	18,633	18,390	15,440	21.3
Aluminum and nonferrous metals.....	10,934	10,808	10,644	1.2	1.5	1.1	10,879	10,783	10,684	9,875	10.2
Ferrous metal foundries.....	1,822	1,830	1,820	-0.4	0.5	0.3	1,825	1,814	1,781	1,721	6.0
Fabricated metal products.....	42,317	42,079	41,850	0.6	0.5	-0.5	42,031	41,896	41,729	39,464	6.5
Machinery.....	52,858	52,497	51,983	0.7	1.0	0.5	53,505	52,396	51,467	50,742	5.4
Farm machinery.....	2,701	2,654	2,537	1.8	4.6	0.7	2,607	2,414	2,342	2,272	14.7
Construction machinery.....	5,497	5,341	5,287	2.9	1.0	2.7	5,517	5,329	5,262	4,784	15.3
Mining, oil field, and gas field machinery.....	6,061	5,994	5,901	1.1	1.6	0.1	6,024	5,907	5,857	5,709	5.5
Industrial machinery.....	7,035	7,014	6,909	0.3	1.5	2.1	7,158	6,937	6,908	6,564	9.0
Photographic equipment.....	1,579	1,557	1,571	1.4	-0.9	-0.3	1,637	1,566	1,543	1,585	3.3
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,405	3,433	3,462	-0.8	-0.8	-1.1	3,413	3,433	3,384	3,561	-4.2
Metalworking machinery.....	4,012	3,986	3,987	0.7	0.0	0.8	4,048	4,032	4,048	3,992	1.4
Turbines, generators, and other power transmission equipment.....	6,502	6,421	6,238	1.3	2.9	-1.0	6,937	6,683	6,212	6,418	8.1
Material handling equipment.....	3,130	3,075	3,034	1.8	1.4	-0.1	3,148	3,069	2,998	2,963	6.2
Computers and electronic products ²	46,007	46,086	45,824	-0.2	0.6	0.8	46,748	46,559	45,339	44,001	6.2
Computers.....	2,101	2,221	2,063	-5.4	7.7	-7.3	2,181	2,224	2,168	2,093	4.2
Computer storage devices.....	1,068	1,078	1,083	-0.9	-0.5	2.1	1,119	1,096	1,034	994	12.6
Other peripheral equipment.....	1,419	1,425	1,449	-0.4	-1.7	-0.3	1,460	1,445	1,390	1,468	-0.5
Nondefense communications equipment.....	6,169	6,202	6,091	-0.5	1.8	2.3	6,370	6,233	5,899	5,768	10.4
Defense communications equipment.....	2,221	2,139	2,136	3.8	0.1	-0.1	2,221	2,139	2,136	1,936	14.7
Audio and video equipment.....	360	369	375	-2.4	-1.6	0.0	404	425	412	560	-27.9
Electronic components.....	7,890	7,879	7,731	0.1	1.9	2.2	8,004	8,023	7,619	6,729	18.9
Nondefense search and navigation equipment.....	3,858	3,875	3,862	-0.4	0.3	2.2	3,849	3,972	3,937	3,654	5.3
Defense search and navigation equipment.....	3,467	3,514	3,521	-1.3	-0.2	-1.9	3,428	3,532	3,480	3,329	3.0
Electromedical, measuring and control instruments.....	12,072	12,001	12,013	0.6	-0.1	1.7	12,258	12,054	11,772	11,620	5.5
Electrical equipment, appliances, and components.....	14,893	14,909	14,834	-0.1	0.5	1.3	14,792	14,908	14,672	13,326	11.0
Electric lighting equipment.....	1,680	1,690	1,676	-0.6	0.8	3.2	1,660	1,663	1,639	1,549	7.2
Household appliances.....	2,684	2,669	2,605	0.6	2.5	3.1	2,615	2,737	2,667	2,021	29.4
Electrical equipment.....	4,838	4,838	4,828	0.0	0.2	1.6	4,865	4,797	4,636	4,140	17.5
Batteries.....	985	980	981	0.5	-0.1	-0.4	947	995	1,006	889	6.5
Transportation equipment.....	84,264	83,187	82,847	1.3	0.4	1.6	85,321	83,736	82,551	76,806	11.1
Automobiles.....	1,869	1,834	1,695	1.9	8.2	-1.8	1,912	1,765	1,611	1,187	61.1
Light trucks and utility vehicles.....	2,088	1,934	1,908	8.0	1.4	-4.9	2,232	1,948	2,020	1,354	64.8
Heavy duty trucks.....	1,342	1,326	1,327	1.2	-0.1	-0.1	1,384	1,377	1,320	1,396	-0.9
Motor vehicle bodies, parts, and trailers.....	16,372	16,296	16,279	0.5	0.1	1.1	16,398	16,218	16,156	14,064	16.6
Nondefense aircraft and parts.....	39,893	39,500	39,219	1.0	0.7	3.8	40,655	39,969	39,070	34,673	17.3
Defense aircraft and parts.....	12,150	11,865	11,905	2.4	-0.3	-1.0	12,117	11,983	11,964	12,077	0.3
Ships and boats.....	3,697	3,634	3,580	1.7	1.5	1.3	3,718	3,608	3,542	3,429	8.4
Furniture and related products.....	6,475	6,482	6,440	-0.1	0.7	0.3	6,531	6,480	6,437	6,071	7.6
Miscellaneous durable goods.....	20,871	20,841	20,850	0.1	0.0	0.9	21,129	21,149	20,945	20,326	4.0
Nondurable goods industries.....	224,570	222,466	218,144	0.9	2.0	1.7	224,169	224,159	218,818	213,559	5.0
Food products.....	42,234	42,239	41,662	0.0	1.4	1.7	44,122	44,841	42,310	42,062	4.9
Grain and oilseed milling.....	5,565	5,530	5,517	0.6	0.2	1.5	5,766	5,930	5,428	5,416	6.5
Dairy products.....	5,621	5,747	5,630	-2.2	2.1	3.6	5,388	5,721	5,598	4,850	11.1
Meat, poultry, and seafood products.....	8,592	8,533	8,306	0.7	2.7	1.7	8,978	8,760	8,402	7,957	12.8
Beverage and tobacco products.....	15,587	15,583	15,388	0.0	1.3	-0.4	15,945	16,271	15,347	16,348	-2.5
Beverages.....	11,999	11,967	11,779	0.3	1.6	-0.2	12,287	12,610	11,857	12,495	-1.7
Tobacco.....	3,588	3,616	3,609	-0.8	0.2	-0.8	3,658	3,661	3,490	3,853	-5.1
Textile mills.....	3,193	3,177	3,174	0.5	0.1	0.8	3,232	3,185	3,163	3,042	6.2
Textile products.....	3,031	3,015	3,008	0.5	0.2	0.9	3,011	3,041	3,041	2,757	9.2
Apparel.....	2,799	2,777	2,719	0.8	2.1	2.9	2,680	2,817	2,858	2,265	18.3
Leather and allied products.....	939	921	889	2.0	3.6	1.9	937	911	900	851	10.1
Paper products.....	14,170	14,235	14,193	-0.5	0.3	0.0	14,247	14,211	14,180	14,138	0.8
Pulp, paper, and paperboard mills.....	5,765	5,795	5,752	-0.5	0.7	-0.1	5,819	5,756	5,728	6,121	-4.9
Paperboard containers.....	4,042	4,087	4,087	-1.1	0.0	-0.2	3,997	4,038	4,068	3,742	6.8
Printing.....	5,465	5,439	5,393	0.5	0.9	0.0	5,568	5,665	5,525	5,530	0.7
Petroleum and coal products.....	48,066	45,654	43,107	5.3	5.9	7.7	46,083	44,427	43,330	39,553	16.5
Petroleum refineries.....	45,355	42,981	40,373	5.5	6.5	8.5	43,451	41,817	40,614	37,104	17.1
Chemical products.....	69,391	69,867	69,162	-0.7	1.0	-0.2	68,948	69,460	68,750	68,703	0.4
Pesticides, fertilizers, and other agricultural chemicals.....	3,866	3,964	4,032	-2.5	-1.7	-3.2	3,859	3,700	3,561	4,197	-8.1
Pharmaceuticals and medicines.....	23,580	24,067	23,546	-2.0	2.2	-0.7	23,498	24,217	23,637	25,879	-9.2
Paints, coatings, and adhesives.....	3,414	3,361	3,348	1.6	0.4	1.5	3,281	3,240	3,313	2,973	10.4
Plastics and rubber products.....	19,695	19,559	19,449	0.7	0.6	-0.3	19,396	19,330	19,414	18,310	5.9

^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 aggregates 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						
	Monthly			Percent Change			Monthly			Year to date		Percent Change ⁶ 2010/ 2009	
	Nov. 2010 ^p	Oct. 2010 ^r	Sept. 2010	Oct. - Nov.	Sept. - Oct.	Aug. - Sept.	Nov. 2010 ^p	Oct. 2010 ^r	Sept. 2010	Nov. 2009	2010 ^p		2009
SHIPMENTS													
All manufacturing industries	424,518	421,092	419,568	0.8	0.4	0.7	417,858	431,793	436,668	389,532	4,591,487	4,207,739	9.1
Construction materials and supplies.....	40,116	39,984	39,579	0.3	1.0	-1.0	38,405	41,940	42,617	37,291	448,416	436,960	2.6
Information technology.....	27,677	27,250	27,331	1.6	-0.3	0.5	27,802	27,273	30,747	25,837	292,317	270,022	8.3
Computers and related products	6,602	6,470	6,673	2.0	-3.0	1.8	6,191	6,842	7,268	5,097	66,197	56,531	17.1
Motor vehicle and parts.....	29,324	30,067	30,420	-2.5	-1.2	-0.7	29,308	33,017	33,313	29,497	331,798	302,325	9.7
Capital goods.....	73,758	73,841	74,847	-0.1	-1.3	0.7	71,993	72,924	80,492	69,098	800,639	766,000	4.5
Nondefense capital goods ³	64,999	64,966	65,106	0.1	-0.2	-0.2	63,094	64,229	70,008	57,449	691,668	647,615	6.8
Excluding aircraft.....	61,342	60,669	61,293	1.1	-1.0	1.0	59,325	60,567	65,920	52,574	648,334	593,981	9.2
Defense capital goods ⁴	8,759	8,875	9,741	-1.3	-8.9	6.8	8,899	8,695	10,484	11,649	108,971	118,385	-8.0
Consumer goods.....	176,588	173,330	169,864	1.9	2.0	1.3	177,424	179,250	174,471	164,000	1,876,735	1,702,537	10.2
Consumer durable goods.....	23,869	24,154	24,414	-1.2	-1.1	-0.8	24,134	25,720	26,458	23,986	266,150	254,587	4.5
Consumer nondurable goods.....	152,719	149,176	145,450	2.4	2.6	1.7	153,290	153,530	148,013	140,014	1,610,585	1,447,950	11.2
NEW ORDERS													
All manufacturing industries ⁵	423,845	420,691	423,713	0.7	-0.7	3.0	413,079	426,479	440,837	375,764	4,548,613	4,050,534	12.3
Construction materials and supplies.....	40,596	40,200	40,171	1.0	0.1	-0.6	38,330	41,712	43,322	37,521	452,995	433,385	4.5
Information technology.....	28,307	26,494	28,909	6.8	-8.4	2.3	27,316	26,034	33,278	24,312	293,054	264,233	10.9
Computers and related products	6,924	6,321	6,813	9.5	-7.2	3.1	6,513	6,693	7,408	5,416	66,471	56,157	18.4
Motor vehicle and parts.....	29,485	30,345	30,612	-2.8	-0.9	-0.2	29,581	33,313	33,389	29,331	331,069	300,402	10.2
Capital goods.....	75,429	78,938	84,516	-4.4	-6.6	11.6	71,245	76,572	89,337	61,060	816,297	677,416	20.5
Nondefense capital goods ³	66,465	71,307	74,093	-6.8	-3.8	11.6	63,594	69,786	78,559	53,107	712,286	574,783	23.9
Excluding aircraft.....	63,767	62,153	64,176	2.6	-3.2	1.8	60,914	62,238	68,987	51,696	664,136	567,737	17.0
Defense capital goods ⁴	8,964	7,631	10,423	17.5	-26.8	11.3	7,651	6,786	10,778	7,953	104,011	102,633	1.3
Consumer goods.....	176,805	173,483	169,937	1.9	2.1	1.5	177,691	179,412	174,542	164,284	1,877,453	1,702,356	10.3
Consumer durable goods.....	24,086	24,307	24,487	-0.9	-0.7	0.5	24,401	25,882	26,529	24,270	266,868	254,406	4.9
Consumer nondurable goods.....	152,719	149,176	145,450	2.4	2.6	1.7	153,290	153,530	148,013	140,014	1,610,585	1,447,950	11.2
UNFILLED ORDERS													
All manufacturing industries ⁵	826,863	822,064	816,371	0.6	0.7	1.3	814,982	814,001	811,118	789,146	(X)	(X)	3.3
Construction materials and supplies.....	55,243	54,763	54,547	0.9	0.4	1.1	54,824	54,899	55,127	50,266	(X)	(X)	9.1
Information technology.....	120,800	120,170	120,926	0.5	-0.6	1.3	119,014	119,500	120,739	117,019	(X)	(X)	1.7
Computers and related products	5,645	5,323	5,472	6.0	-2.7	2.6	5,645	5,323	5,472	5,144	(X)	(X)	9.7
Motor vehicle and parts.....	14,151	13,990	13,712	1.2	2.0	1.4	13,919	13,646	13,350	14,305	(X)	(X)	-2.7
Capital goods.....	645,265	643,594	638,497	0.3	0.8	1.5	636,110	636,858	633,210	616,881	(X)	(X)	3.1
Nondefense capital goods ³	505,692	504,226	497,885	0.3	1.3	1.8	500,787	500,287	494,730	478,963	(X)	(X)	4.6
Excluding aircraft.....	203,894	201,469	199,985	1.2	0.7	1.5	202,664	201,075	199,404	187,622	(X)	(X)	8.0
Defense capital goods ⁴	139,573	139,368	140,612	0.1	-0.9	0.5	135,323	136,571	138,480	137,918	(X)	(X)	-1.9
Consumer goods.....	8,753	8,536	8,383	2.5	1.8	0.9	8,735	8,468	8,306	7,922	(X)	(X)	10.3
Consumer durable goods.....	8,753	8,536	8,383	2.5	1.8	0.9	8,735	8,468	8,306	7,922	(X)	(X)	10.3
TOTAL INVENTORIES													
All manufacturing industries	543,771	539,681	533,549	0.8	1.1	1.1	545,494	542,462	532,888	510,949	(X)	(X)	6.8
Construction materials and supplies.....	55,142	55,051	55,161	0.2	-0.2	0.0	54,587	54,777	55,076	52,825	(X)	(X)	3.3
Information technology.....	39,370	39,425	39,203	-0.1	0.6	0.5	39,995	39,723	38,811	38,078	(X)	(X)	5.0
Computers and related products	4,588	4,724	4,595	-2.9	2.8	-3.1	4,760	4,765	4,592	4,555	(X)	(X)	4.5
Motor vehicle and parts.....	21,671	21,390	21,209	1.3	0.9	0.2	21,926	21,308	21,107	18,001	(X)	(X)	21.8
Capital goods.....	153,092	151,995	150,966	0.7	0.7	1.3	155,134	152,643	149,796	143,946	(X)	(X)	7.8
Nondefense capital goods ³	135,382	134,651	133,619	0.5	0.8	1.7	137,413	135,323	132,565	126,020	(X)	(X)	9.0
Excluding aircraft.....	103,746	103,373	102,628	0.4	0.7	0.7	105,135	103,709	101,666	99,359	(X)	(X)	5.8
Defense capital goods ⁴	17,710	17,344	17,347	2.1	0.0	-1.6	17,721	17,320	17,231	17,926	(X)	(X)	-1.1
Consumer goods.....	168,428	166,311	162,101	1.3	2.6	2.4	169,108	168,932	163,359	159,846	(X)	(X)	5.8
Consumer durable goods.....	23,580	23,406	23,201	0.7	0.9	0.4	23,975	23,680	23,327	20,956	(X)	(X)	14.4
Consumer nondurable goods.....	144,848	142,905	138,900	1.4	2.9	2.7	145,133	145,252	140,032	138,890	(X)	(X)	4.5

X Not Applicable ^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 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				Percent Change Nov. 10/09
	Nov. 2010 ^p	Oct. 2010 ^r	Sept. 2010	Oct. - Nov.	Sept. - Oct.	Aug. - Sept.	Nov. 2010 ^p	Oct. 2010 ^r	Sept. 2010	Nov. 2009	
MATERIALS AND SUPPLIES											
All manufacturing industries.....	181,457	179,817	178,304	0.9	0.8	1.0	181,270	180,264	178,333	171,747	5.5
Durable goods industries.....	107,113	106,634	106,184	0.4	0.4	0.2	107,956	107,293	106,357	102,471	5.4
Wood products.....	3,160	3,179	3,258	-0.6	-2.4	-0.5	3,326	3,368	3,411	3,178	4.7
Nonmetallic mineral products.....	4,478	4,499	4,513	-0.5	-0.3	-1.0	4,440	4,472	4,512	4,513	-1.6
Primary metals.....	12,270	12,095	11,994	1.4	0.8	1.3	12,435	12,385	12,221	11,183	11.2
Fabricated metal products.....	15,400	15,362	15,305	0.2	0.4	-0.8	15,435	15,423	15,503	14,578	5.9
Machinery.....	20,418	20,219	20,026	1.0	1.0	0.3	20,657	20,356	19,943	19,887	3.9
Computers and electronic products.....	15,626	15,414	15,025	1.4	2.6	-0.2	15,944	15,628	15,110	15,136	5.3
Electrical equipment, appliances, and components.....	5,750	5,776	5,791	-0.5	-0.3	-0.2	5,670	5,688	5,672	5,106	11.0
Transportation equipment.....	20,027	20,182	20,319	-0.8	-0.7	0.6	20,030	20,068	20,047	19,211	4.3
Furniture and related products.....	3,144	3,177	3,143	-1.0	1.1	0.2	3,148	3,154	3,129	2,879	9.3
Miscellaneous products.....	6,840	6,731	6,810	1.6	-1.2	0.7	6,871	6,751	6,809	6,800	1.0
Nondurable goods industries.....	74,344	73,183	72,120	1.6	1.5	2.2	73,314	72,971	71,976	69,276	5.8
Food products.....	14,467	14,496	14,454	-0.2	0.3	2.1	14,749	15,012	14,169	14,343	2.8
Beverage and tobacco products.....	4,161	4,181	4,165	-0.5	0.4	0.3	4,198	4,231	4,060	4,387	-4.3
Textiles.....	1,166	1,162	1,164	0.3	-0.2	0.0	1,167	1,157	1,164	1,054	10.7
Textile products.....	1,237	1,226	1,220	0.9	0.5	0.4	1,235	1,244	1,246	1,128	9.5
Apparel.....	763	737	723	3.5	1.9	4.9	735	737	724	579	26.9
Leather and allied products.....	355	351	347	1.1	1.2	0.3	350	351	356	312	12.2
Paper products.....	6,913	6,955	6,935	-0.6	0.3	0.0	6,978	6,983	6,993	6,914	0.9
Printing.....	2,416	2,419	2,360	-0.1	2.5	-1.0	2,437	2,475	2,420	2,362	3.2
Petroleum and coal products.....	12,625	11,868	10,896	6.4	8.9	13.2	11,644	11,344	10,826	9,938	17.2
Chemical products.....	22,046	21,673	21,766	1.7	-0.4	0.0	21,785	21,422	21,829	20,897	4.2
Plastics and rubber products.....	8,195	8,115	8,090	1.0	0.3	-0.2	8,036	8,015	8,189	7,362	9.2
WORK IN PROCESS											
All manufacturing industries.....	164,705	163,539	161,376	0.7	1.3	1.2	166,976	165,795	160,134	154,167	8.3
Durable goods industries.....	118,128	117,102	116,435	0.9	0.6	1.2	119,523	118,097	116,013	108,146	10.5
Wood products.....	1,684	1,681	1,670	0.2	0.7	2.1	1,682	1,697	1,668	1,579	6.5
Nonmetallic mineral products.....	1,373	1,355	1,334	1.3	1.6	1.2	1,289	1,294	1,316	1,273	1.3
Primary metals.....	8,969	8,932	8,701	0.4	2.7	-0.1	9,008	9,003	8,853	7,756	16.1
Fabricated metal products.....	11,860	11,645	11,598	1.8	0.4	-0.2	11,869	11,684	11,633	11,097	7.0
Machinery.....	14,480	14,504	14,451	-0.2	0.4	0.7	14,881	14,693	14,453	14,148	5.2
Computers and electronic products.....	20,297	20,387	20,490	-0.4	-0.5	-0.4	20,532	20,475	20,020	19,126	7.4
Electrical equipment, appliances, and components.....	3,292	3,283	3,267	0.3	0.5	1.3	3,288	3,274	3,209	2,982	10.3
Transportation equipment.....	51,805	50,893	50,510	1.8	0.8	2.4	52,576	51,501	50,455	46,259	13.7
Furniture and related products.....	1,019	1,013	1,028	0.6	-1.5	1.6	1,021	1,006	1,024	1,000	2.1
Miscellaneous products.....	3,349	3,409	3,386	-1.8	0.7	1.6	3,377	3,470	3,382	2,926	15.4
Nondurable goods industries.....	46,577	46,437	44,941	0.3	3.3	1.4	47,453	47,698	44,121	46,021	3.1
Food products.....	3,807	3,733	3,535	2.0	5.6	-0.2	4,775	4,796	3,185	4,630	3.1
Beverage and tobacco products.....	5,689	5,669	5,510	0.4	2.9	-1.6	6,083	6,099	5,410	6,256	-2.8
Textiles.....	698	695	702	0.4	-1.0	0.9	707	698	709	677	4.4
Textile products.....	497	496	495	0.2	0.2	0.0	500	501	504	483	3.5
Apparel.....	349	355	370	-1.7	-4.1	0.5	344	357	380	332	3.6
Leather and allied products.....	80	81	79	-1.2	2.5	2.6	79	79	76	69	14.5
Paper products.....	1,365	1,388	1,400	-1.7	-0.9	-0.1	1,354	1,364	1,396	1,347	0.5
Printing.....	1,287	1,276	1,270	0.9	0.5	0.1	1,344	1,380	1,334	1,402	-4.1
Petroleum and coal products.....	15,355	14,490	13,749	6.0	5.4	4.3	14,758	14,159	13,446	11,396	29.5
Chemical products.....	15,164	15,920	15,501	-4.7	2.7	0.8	15,257	15,954	15,360	17,326	-11.9
Plastics and rubber products.....	2,286	2,334	2,330	-2.1	0.2	0.2	2,252	2,311	2,321	2,103	7.1
FINISHED GOODS											
All manufacturing industries.....	197,609	196,325	193,869	0.7	1.3	1.1	197,248	196,403	194,421	185,035	6.6
Durable goods industries.....	93,960	93,479	92,786	0.5	0.7	0.7	93,846	92,913	91,700	86,773	8.2
Wood products.....	3,922	3,935	3,947	-0.3	-0.3	0.1	3,795	3,866	3,898	3,753	1.1
Nonmetallic mineral products.....	5,506	5,483	5,462	0.4	0.4	1.7	5,300	5,252	5,270	5,322	-0.4
Primary metals.....	10,154	9,975	9,898	1.8	0.8	-1.3	9,993	9,842	9,781	8,097	23.4
Fabricated metal products.....	15,057	15,072	14,947	-0.1	0.8	-0.3	14,727	14,789	14,593	13,789	6.8
Machinery.....	17,960	17,774	17,506	1.0	1.5	0.5	17,967	17,347	17,071	16,707	7.5
Computers and electronic products.....	10,084	10,285	10,309	-2.0	-0.2	4.6	10,272	10,456	10,209	9,739	5.5
Electrical equipment, appliances, and components.....	5,851	5,850	5,776	0.0	1.3	2.9	5,834	5,946	5,791	5,238	11.4
Transportation equipment.....	12,432	12,112	12,018	2.6	0.8	-0.1	12,715	12,167	12,049	11,336	12.2
Furniture and related products.....	2,312	2,292	2,269	0.9	1.0	-0.2	2,362	2,320	2,284	2,192	7.8
Miscellaneous products.....	10,682	10,701	10,654	-0.2	0.4	0.7	10,881	10,928	10,754	10,600	2.7
Nondurable goods industries.....	103,649	102,846	101,083	0.8	1.7	1.5	103,402	103,490	102,721	98,262	5.2
Food products.....	23,960	24,010	23,673	-0.2	1.4	1.7	24,598	25,033	24,956	23,089	6.5
Beverage and tobacco products.....	5,737	5,733	5,713	0.1	0.4	0.4	5,664	5,941	5,877	5,705	-0.7
Textiles.....	1,329	1,320	1,308	0.7	0.9	1.6	1,358	1,330	1,290	1,311	3.6
Textile products.....	1,297	1,293	1,293	0.3	0.0	1.8	1,276	1,296	1,291	1,146	11.3
Apparel.....	1,687	1,685	1,626	0.1	3.6	2.6	1,601	1,723	1,754	1,354	18.2
Leather and allied products.....	504	489	463	3.1	5.6	3.1	508	481	468	470	8.1
Paper products.....	5,892	5,892	5,858	0.0	0.6	0.1	5,915	5,864	5,791	5,877	0.6
Printing.....	1,762	1,744	1,763	1.0	-1.1	1.4	1,787	1,810	1,771	1,766	1.2
Petroleum and coal products.....	20,086	19,296	18,462	4.1	4.5	7.1	19,681	18,924	19,058	18,219	8.0
Chemical products.....	32,181	32,274	31,895	-0.3	1.2	-0.8	31,906	32,084	31,561	30,480	4.7
Plastics and rubber products.....	9,214	9,110	9,029	1.1	0.9	-0.6	9,108	9,004	8,904	8,845	3.0

^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.

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 Group³

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

Industry	Inventory/Shipments ratio				Unfilled Orders/Shipments ratio ¹			
	Nov 2010 ^P	Oct 2010 ^r	Sep 2010	Aug 2010	Nov 2010 ^P	Oct 2010 ^r	Sep 2010	Aug 2010
All manufacturing industries ²	1.28	1.28	1.27	1.27	(X)	(X)	(X)	(X)
Durable goods industries ²	1.63	1.61	1.59	1.58	5.75	5.75	5.67	5.61
Wood products.....	1.36	1.37	1.43	1.40	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.41	1.39	1.39	1.37	(X)	(X)	(X)	(X)
Primary metals.....	1.51	1.54	1.53	1.54	0.99	0.95	0.94	0.93
Fabricated metal products.....	1.55	1.54	1.53	1.54	2.03	2.04	2.05	2.05
Machinery.....	2.11	2.12	2.04	2.06	4.77	4.75	4.49	4.50
Computers and electronic products ²	1.37	1.37	1.33	1.33	4.87	4.91	4.94	4.90
Electrical equipment, appliances, and components.....	1.53	1.54	1.55	1.52	2.92	2.85	2.88	2.79
Transportation equipment.....	1.81	1.73	1.69	1.66	14.27	13.90	13.62	13.32
Furniture and related products.....	1.14	1.19	1.16	1.16	1.35	1.38	1.34	1.31
Miscellaneous products.....	1.60	1.61	1.62	1.60	(X)	(X)	(X)	(X)
Nondurable goods industries.....	0.98	0.99	0.99	0.98	(X)	(X)	(X)	(X)
Food products.....	0.74	0.75	0.75	0.74	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.45	1.46	1.42	1.43	(X)	(X)	(X)	(X)
Textiles.....	1.35	1.35	1.34	1.31	(X)	(X)	(X)	(X)
Textile products.....	1.63	1.65	1.64	1.63	(X)	(X)	(X)	(X)
Apparel.....	2.12	2.12	2.13	2.05	(X)	(X)	(X)	(X)
Leather and allied products.....	2.32	2.31	2.27	2.22	(X)	(X)	(X)	(X)
Paper products.....	0.99	0.99	0.98	0.99	(X)	(X)	(X)	(X)
Printing.....	0.76	0.76	0.74	0.75	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.84	0.83	0.85	0.81	(X)	(X)	(X)	(X)
Chemical products.....	1.15	1.18	1.14	1.16	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.28	1.27	1.27	1.27	(X)	(X)	(X)	(X)

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

¹ 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.

² Unfilled orders to shipments ratio excludes semiconductor manufacturing.

Table 8. Revisions to Previously Published Monthly Percent Changes³

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

Industry	Shipments		New Orders		Unfilled Orders		Inventories	
	Nov ¹ 2010	Nov ² 2009-Oct 2010	Nov ¹ 2010	Nov ² 2009-Oct 2010	Nov ¹ 2010	Nov ² 2009-Oct 2010	Nov ¹ 2010	Nov ² 2009-Oct 2010
		Oct 2010		Oct 2010		Oct 2010		Oct 2010
All manufacturing industries.....	(X)	0.3	(X)	0.5	(X)	0.1	(X)	0.2
Durable goods industries.....	0.2	0.4	1.0	0.7	0.2	0.1	0.0	0.2
Wood products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.5
Nonmetallic mineral products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Primary metals.....	0.6	0.6	7.2	1.6	4.3	1.4	0.2	0.3
Fabricated metal products.....	0.2	0.4	0.2	0.8	0.1	0.2	0.0	0.2
Machinery.....	0.0	0.8	-0.7	1.7	0.0	0.4	0.0	0.2
Computers and electronic products.....	0.0	1.2	0.5	1.2	0.1	0.2	0.2	0.3
Electrical equipment, appliances, and components.....	0.4	0.5	0.9	1.4	0.1	0.4	0.0	0.3
Transportation equipment.....	0.2	1.2	0.8	1.4	0.1	0.1	0.0	0.3
Furniture and related products.....	(X)	0.5	(X)	1.4	(X)	0.9	(X)	0.4
Miscellaneous products.....	(X)	0.3	(X)	0.3	(X)	0.4	(X)	0.2
Nondurable goods industries.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.3
Food products.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.2
Beverage and tobacco products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.3
Textiles.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.6
Textile products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.4
Apparel.....	(X)	1.2	(X)	(NA)	(X)	(NA)	(X)	0.5
Leather and allied products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.6
Paper products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.1
Printing.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.6
Petroleum and coal products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	1.2
Chemical products.....	(X)	0.6	(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 The current month revisions are the difference between the advance percent change and the percent change as shown in this publication.

² 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.

³ 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.

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 64 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>.

2011 Release Dates for M3 Survey

Survey Month	Advance Report 8:30 A.M.	Full Report 10:00 A.M.
November 2010	Dec. 23, 2010	Jan. 4, 2011
December 2010	Jan. 27, 2011	Feb. 3, 2011
January 2011	Feb. 24, 2011	Mar. 4, 2011
February 2011	Mar. 24, 2011	Mar. 31, 2011
March 2011	Apr. 27, 2011	May 3, 2011
April 2011	May 25, 2011	Jun. 2, 2011
May 2011	Jun. 24, 2011	Jul. 5, 2011
June 2011	Jul. 27, 2011	Aug. 3, 2011
July 2011	Aug. 24, 2011	Aug. 31, 2011
August 2011	Sep. 28, 2011	Oct. 4, 2011
September 2011	Oct. 26, 2011	Nov. 3, 2011
October 2011	Nov. 23, 2011	Dec. 5, 2011
November 2011	Dec. 23, 2011	