

U.S. Census Bureau News

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

**FOR IMMEDIATE RELEASE
THURSDAY, DECEMBER 16, 2010**

Chris Savage or Jessica Young
Manufacturing and Construction Division
(301) 763-4832

M3-2 (10)-10
CB10-179

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

The Census Bureau identified a processing error that occurred with the October 2010 Full Report affecting "Table 6 - Value of Manufacturers' Inventories, by Stage of Fabrication, by Industry Group" for seasonally adjusted data for September and the corresponding Total Inventory NAICS Historic time series. Although the affect on the data is minor, approximately \$74 million was improperly distributed across the stages of fabrication portion of the inventory data for the Machinery industry and the corresponding aggregates of "Durable Goods Industries" and "All Manufacturing Industries". Total inventory for this report is not affected. The error in the distribution of the inventories across these categories was due to an error in the program sequencing that distributes inventories across the stages of fabrication and it has since been corrected. Effective December 16, 2010, all data have been corrected.

Summary

New orders for manufactured goods in October, down following three consecutive monthly increases, decreased \$3.6 billion or 0.9 percent to \$420.1 billion, the U.S. Census Bureau reported today. This followed a 3.0 percent September increase. Excluding transportation, new orders decreased 0.2 percent.

Shipments, up three of the last four months, increased \$1.5 billion or 0.3 percent to \$421.0 billion. This followed a 0.7 percent September increase.

Unfilled orders, up nine of the last ten months, increased \$5.2 billion or 0.6 percent to \$821.6 billion. This followed a 1.3 percent September increase. The unfilled orders-to-shipments ratio was 5.76, up from 5.67 in September.

Inventories, up nine of the last ten months, increased \$4.7 billion or 0.9 percent to \$538.2 billion. This followed a 1.1 percent September increase. The inventories-to-shipments ratio was 1.28, up from 1.27 in September.

New Orders

New orders for manufactured durable goods in October, down two of the last three months, decreased \$6.9 billion or 3.4 percent to \$195.7 billion, revised from the previously published 3.3 percent decrease. This followed a 4.9 percent September increase.

Transportation equipment, also down two of the last three months, had the largest decrease, \$2.8 billion or 5.2 percent to \$52.3 billion.

New orders for manufactured nondurable goods increased \$3.2 billion or 1.5 percent to \$224.4 billion.

Shipments

Shipments of manufactured durable goods in October, also down two of the last three months, decreased \$1.8 billion or 0.9 percent to \$196.6 billion, unchanged from the previously published decrease. This followed a slight September increase.

Machinery, down following two consecutive monthly increases, had the largest decrease, \$0.9 billion or 3.7 percent to \$24.6 billion.

Shipments of manufactured nondurable goods, up three consecutive months, increased \$3.2 billion or 1.5 percent to \$224.4 billion. This followed a 1.4 percent September increase. Petroleum and coal products, also up three consecutive months, drove the increase, up \$3.8 billion or 7.5 percent to \$54.7 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in October, up nine of the last ten months, increased \$5.2 billion or 0.6 percent to \$821.6 billion, revised from the previously published 0.7 percent increase. This followed a 1.3 percent September increase.

Transportation equipment, up two consecutive months, had the largest increase, \$3.7 billion or 0.8 percent to \$484.2 billion.

Inventories

Inventories of manufactured durable goods in October, up ten consecutive months, increased \$1.5 billion or 0.5 percent to \$316.9 billion, revised from the previously published 0.4 percent increase. This followed a 0.7 percent September increase.

Machinery, up eight consecutive months, had the largest increase, \$0.5 billion or 0.9 percent to \$52.4 billion.

Inventories of manufactured nondurable goods, up three of the last four months, increased \$3.2 billion or 1.5 percent to \$221.3 billion. This followed a 1.7 percent September increase. Petroleum and coal products, also up three of the last four months, led the increase, up \$1.6 billion or 3.6 percent to \$44.7 billion.

By stage of fabrication, October materials and supplies increased 0.5 percent in durable goods and 1.0 percent in nondurable goods. Work in process increased 0.4 percent in durable goods and 2.8 percent in nondurable goods. Finished goods increased 0.6 percent in durable goods and 1.2 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 November is scheduled for release on December 23, 2010, at 8:30 a.m. EST and the full report on January 4, 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		
	Oct. 2010 ^P	Sept. 2010 ^F	Aug. 2010	Sept. - Oct.	Aug. - Sept.	July - Aug.	Oct. 2010 ^P	Sept. 2010 ^F	Aug. 2010	Oct. 2009	2010 ^P	2009	Percent 2010/2009
All manufacturing industries.....	421,020	419,568	416,480	0.3	0.7	-0.2	432,283	436,668	431,794	408,694	4,174,119	3,818,207	9.3
Excluding transportation.....	372,483	370,676	367,334	0.5	0.9	0.7	382,021	382,838	380,879	356,898	3,687,308	3,344,024	10.3
Excluding defense.....	409,620	407,376	404,687	0.6	0.7	-0.2	421,178	423,228	420,393	394,822	4,049,072	3,686,415	9.8
With unfilled orders.....	142,741	144,009	143,694	-0.9	0.2	-1.2	145,138	154,980	147,428	138,197	1,428,149	1,323,831	7.9
Durable goods industries.....	196,642	198,431	198,420	-0.9	0.0	-1.3	202,973	211,363	203,624	194,066	1,963,745	1,822,738	7.7
Wood products.....	6,396	6,224	6,328	2.8	-1.6	-3.7	6,718	6,670	6,861	7,046	67,822	66,325	2.3
Nonmetallic mineral products.....	8,160	8,153	8,213	0.1	-0.7	-0.2	8,660	8,759	9,172	8,454	83,010	81,063	2.4
Primary metals.....	19,983	20,024	19,912	-0.2	0.6	0.6	20,537	21,155	21,181	17,050	200,965	150,369	33.6
Iron and steel mills.....	9,256	9,447	9,486	-2.0	-0.4	1.6	9,462	10,154	10,151	7,532	95,816	65,927	45.3
Aluminum and nonferrous metals.....	9,473	9,328	9,188	1.6	1.5	-0.3	9,805	9,632	9,731	8,392	92,896	73,760	25.9
Ferrous metal foundries.....	1,254	1,249	1,238	0.4	0.9	0.5	1,270	1,369	1,299	1,126	12,253	10,682	14.7
Fabricated metal products.....	27,240	27,293	27,308	-0.2	-0.1	1.0	28,304	29,039	29,553	27,529	274,898	262,314	4.8
Machinery.....	24,572	25,518	25,169	-3.7	1.4	3.4	24,549	26,583	24,512	22,116	245,799	230,410	6.7
Farm machinery.....	2,184	2,192	2,355	-0.4	-6.9	11.3	1,980	2,142	2,184	1,613	21,415	19,798	8.2
Construction machinery.....	2,674	2,548	2,543	4.9	0.2	-0.3	2,913	2,543	2,475	1,852	23,465	18,207	28.9
Mining, oil field, and gas field machinery.....	1,302	1,298	1,349	0.3	-3.8	-1.1	1,370	1,322	1,279	1,562	13,948	16,230	-14.1
Industrial machinery.....	2,589	2,748	2,842	-5.8	-3.3	13.3	2,603	3,120	2,556	2,057	27,027	22,305	21.2
Photographic equipment.....	716	734	743	-2.5	-1.2	3.6	739	821	763	806	7,326	7,316	0.1
Ventilation, heating, air-conditioning, and refrigeration equipment.....	2,336	2,403	2,430	-2.8	-1.1	-1.7	2,186	2,619	2,551	2,507	25,164	27,406	-8.2
Metalworking machinery.....	1,684	1,883	1,924	-10.6	-2.1	1.4	1,671	2,134	1,893	1,661	17,955	16,423	9.3
Turbines, generators, and other power transmission equipment.....	3,136	3,848	3,084	-18.5	24.8	4.6	3,291	3,815	3,027	2,812	30,890	28,425	8.7
Material handling equipment.....	1,701	1,668	1,682	2.0	-0.8	4.3	1,703	1,702	1,736	1,583	16,168	15,308	5.6
Computers and electronic products ²	33,746	34,397	34,268	-1.9	0.4	-0.3	35,683	36,292	32,643	32,977	326,909	292,046	11.9
Computers.....	4,662	4,857	4,716	-4.0	3.0	6.3	5,353	4,891	4,410	3,994	43,228	36,328	19.0
Computer storage devices.....	675	668	719	1.0	-7.1	-4.4	519	937	546	499	6,445	5,302	21.6
Other peripheral equipment.....	1,156	1,148	1,121	0.7	2.4	-3.7	970	1,440	999	903	10,333	9,804	5.4
Nondefense communications equipment.....	2,789	2,832	2,958	-1.5	-4.3	-0.2	2,454	3,426	2,859	2,941	29,236	30,439	-4.0
Defense communications equipment.....	522	570	511	-8.4	11.5	-14.3	529	613	505	586	5,421	5,626	-3.6
Audio and video equipment.....	411	415	421	-1.0	-1.4	2.4	578	422	366	616	3,865	3,742	3.3
Electronic components.....	4,039	3,931	4,089	2.7	-3.9	1.0	3,925	4,324	4,136	3,455	38,889	33,669	15.5
Nondefense search and navigation equipment.....	1,131	1,167	998	-3.1	16.9	2.3	1,055	1,340	1,004	995	10,550	10,333	2.1
Defense search and navigation equipment.....	2,841	2,918	2,865	-2.6	1.8	0.7	2,796	3,092	2,823	3,222	29,469	30,442	-3.2
Electromedical, measuring, and control instruments.....	8,932	8,712	8,794	2.5	-0.9	-2.1	8,771	10,238	8,460	7,800	85,501	72,699	17.6
Electrical equipment, appliances, and components.....	9,622	9,554	9,642	0.7	-0.9	0.5	9,732	10,230	10,048	9,210	95,224	89,908	5.9
Electric lighting equipment.....	1,179	1,167	1,177	1.0	-0.8	-1.7	1,219	1,236	1,184	1,228	11,650	11,155	4.4
Household appliances.....	1,637	1,567	1,626	4.5	-3.6	0.4	1,652	1,660	1,687	1,573	16,574	16,168	2.5
Electrical equipment.....	3,204	3,239	3,247	-1.1	-0.2	1.8	2,976	3,479	3,301	2,641	31,022	28,185	10.1
Batteries.....	736	748	752	-1.6	-0.5	0.7	864	859	797	967	7,351	7,026	4.6
Transportation equipment.....	48,537	48,892	49,146	-0.7	-0.5	-6.6	50,262	53,830	50,915	51,796	486,811	474,183	2.7
Automobiles.....	5,733	5,998	6,104	-4.4	-1.7	-5.5	6,264	6,691	6,624	6,555	59,224	50,182	18.0
Light trucks and utility vehicles.....	6,001	5,964	5,826	0.6	2.4	-7.2	6,834	6,941	6,373	6,418	56,378	57,712	-2.3
Heavy duty trucks.....	1,660	1,651	1,612	0.5	2.4	-1.5	1,667	1,721	1,594	1,503	16,039	13,093	22.5
Motor vehicle bodies, parts, and trailers.....	16,972	16,807	17,095	1.0	-1.7	-6.4	18,417	17,960	18,393	18,044	171,014	151,841	12.6
Nondefense aircraft and parts.....	7,250	7,002	7,454	3.5	-6.1	-13.5	6,387	7,549	7,320	6,736	68,045	77,330	-12.0
Defense aircraft and parts.....	4,800	5,072	4,978	-5.4	1.9	-0.6	4,662	5,872	4,727	5,353	51,921	53,224	-2.4
Ships and boats.....	2,127	2,405	2,239	-11.6	7.4	-7.3	2,132	2,484	2,193	2,237	22,589	21,690	4.1
Furniture and related products.....	5,398	5,537	5,550	-2.5	-0.2	-0.6	5,478	5,740	5,943	5,474	55,567	54,906	1.2
Miscellaneous durable goods.....	12,988	12,839	12,884	1.2	-0.3	-0.5	13,050	13,065	12,796	12,414	126,740	121,214	4.6
Nondurable goods industries.....	224,378	221,137	218,060	1.5	1.4	0.8	229,310	225,305	228,170	214,628	2,210,374	1,995,469	10.8
Food products.....	56,278	55,713	55,076	1.0	1.2	0.2	59,453	57,575	55,859	56,196	550,692	526,919	4.5
Grain and oilseed milling.....	7,878	7,699	7,804	2.3	-1.3	4.9	8,438	8,121	8,042	8,364	77,866	77,592	0.4
Dairy products.....	7,869	7,889	7,688	-0.3	2.6	1.2	8,055	8,049	7,832	7,100	75,132	69,062	8.8
Meat, poultry, and seafood products.....	15,979	15,973	15,687	0.0	1.8	-1.1	16,509	15,752	15,882	14,923	156,973	142,548	10.1
Beverage and tobacco products.....	10,687	10,809	10,806	-1.1	0.0	2.8	10,722	10,734	11,316	10,167	105,074	100,320	4.7
Beverages.....	7,688	7,665	7,624	0.3	0.5	1.7	7,723	7,590	8,134	7,188	75,149	70,637	6.4
Tobacco.....	2,999	3,144	3,182	-4.6	-1.2	5.6	2,999	3,144	3,182	2,979	29,925	29,683	0.8
Textile mills.....	2,337	2,365	2,405	-1.2	-1.7	0.1	2,451	2,452	2,477	2,295	23,878	21,224	12.5
Textile products.....	1,822	1,829	1,826	-0.4	0.2	-0.4	1,888	1,840	1,945	1,861	18,958	18,388	3.1
Apparel.....	1,302	1,279	1,291	1.8	-0.9	0.5	1,473	1,349	1,430	1,477	13,016	12,886	1.0
Leather and allied products.....	393	391	393	0.5	-0.5	-1.5	415	451	427	419	4,059	4,196	-3.3
Paper products.....	14,348	14,435	14,393	-0.6	0.3	0.1	14,488	14,799	14,838	13,586	141,837	134,223	5.7
Pulp, paper, and paperboard mills.....	6,702	6,786	6,777	-1.2	0.1	0.7	6,810	6,947	7,020	6,351	66,469	62,009	7.2
Paperboard containers.....	4,094	4,119	4,033	-0.6	2.1	-0.3	4,148	4,200	4,171	3,766	39,956	37,655	6.1
Printing.....	7,138	7,267	7,233	-1.8	0.5	0.3	7,614	7,658	7,298	7,506	71,761	71,627	0.2
Petroleum and coal products.....	54,697	50,884	49,393	7.5	3.0	0.4	55,664	51,589	55,283	49,021	529,240	408,803	29.5
Petroleum refineries.....	51,601	47,807	46,354	7.9	3.1	0.3	52,149	47,976	51,566	45,972	496,920	379,605	30.9
Chemical products.....	60,036	60,865	59,939	-1.4	1.5	1.9	59,276	61,048	60,956	56,706	595,788	549,630	8.4
Pesticides, fertilizers, and other agricultural chemicals.....	4,597	4,359	4,030	5.5	8.2	8.6	3,174	3,525	3,479	1,796	39,727	27,440	44.8
Pharmaceuticals and medicines.....	15,295	16,064	15,726	-4.8	2.1	1.9	16,032	16,203	16,055	16,363	154,694	157,900	-2.0
Paints, coatings, and adhesives.....	2,571	2,579	2,650	-0.3	-2.7	1.9	2,550	2,666	2,861	2,559	26,763	26,049	2.7
Plastics and rubber products.....	15,340	15,300	15,305	0.3	0.0	-0.5	15,866	15,810	16,341	15,394	156,071	147,253	6.0

^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. 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		
	Oct. 2010 ^P	Sept. 2010 ^F	Aug. 2010	Sept. - Oct.	Aug. - Sept.	July - Aug.	Oct. 2010 ^P	Sept. 2010 ^F	Aug. 2010	Oct. 2009	2010 ^P	2009	Percent 2010/2009
All manufacturing industries ²	420,086	423,713	411,259	-0.9	3.0	0.0	426,642	440,837	423,790	395,112	4,135,697	3,674,770	12.5
Excluding transportation ²	367,804	368,592	363,927	-0.2	1.3	1.3	374,230	382,378	376,364	348,142	3,654,457	3,263,552	12.0
Excluding defense ²	409,945	410,381	399,270	-0.1	2.8	0.1	417,644	426,617	413,354	384,015	4,013,927	3,556,220	12.9
With unfilled orders ²	147,932	154,856	145,045	-4.5	6.8	-0.4	147,686	164,187	145,470	132,032	1,449,129	1,229,276	17.9
Durable goods industries ²	195,708	202,576	193,199	-3.4	4.9	-0.8	197,332	215,532	195,620	180,484	1,925,323	1,679,301	14.7
Primary metals.....	20,215	20,331	19,927	-0.6	2.0	-1.6	20,095	20,809	21,463	16,682	203,200	146,744	38.5
Iron and steel mills.....	9,283	9,626	9,411	-3.6	2.3	-4.7	8,847	9,778	10,418	7,071	97,418	64,139	51.9
Aluminum and nonferrous metals.....	9,608	9,456	9,226	1.6	2.5	0.8	9,917	9,696	9,702	8,545	93,303	72,593	28.5
Ferrous metal foundries.....	1,324	1,249	1,290	6.0	-3.2	5.8	1,331	1,335	1,343	1,066	12,479	10,012	24.6
Fabricated metal products.....	26,900	27,305	27,529	-1.5	-0.8	1.6	27,384	28,676	29,271	26,833	275,711	252,369	9.2
Machinery.....	26,714	27,740	26,948	-3.7	2.9	5.4	27,322	29,161	25,931	22,293	263,357	217,970	20.8
Construction machinery.....	2,716	2,623	2,798	3.5	-6.3	-2.7	2,900	2,758	2,653	1,569	24,662	12,894	91.3
Mining, oil field, and gas field machinery.....	1,038	1,644	1,442	-36.9	14.0	31.2	1,194	1,671	1,530	1,435	15,646	13,505	15.9
Industrial machinery.....	3,585	3,212	3,040	11.6	5.7	8.7	4,032	3,237	2,489	2,265	29,868	18,652	60.1
Photographic equipment.....	718	580	722	23.8	-19.7	0.7	735	686	764	765	7,281	7,288	-0.1
Ventilation, heating, air-conditioning, and refrigeration equipment.....	2,909	2,674	2,746	8.8	-2.6	13.8	2,793	3,214	2,828	2,721	29,566	31,183	-5.2
Metalworking machinery.....	1,714	1,874	1,953	-8.5	-4.0	8.3	1,741	2,136	1,917	1,689	17,808	15,180	17.3
Turbines, generators, and other power transmission equipment.....	3,821	4,900	3,857	-22.0	27.0	17.3	3,908	4,803	3,788	2,936	34,936	27,672	26.3
Material handling equipment.....	1,729	1,784	1,654	-3.1	7.9	-19.4	1,625	2,014	1,573	1,431	17,129	14,084	21.6
Computers and electronic products ²	26,751	29,044	28,468	-7.9	2.0	3.9	26,202	33,583	26,927	24,746	268,176	239,720	11.9
Computers.....	4,519	4,997	4,770	-9.6	4.8	18.4	5,210	5,031	4,464	4,042	43,186	35,635	21.2
Nondefense communications equipment.....	2,679	2,963	3,450	-9.6	-14.1	12.3	2,401	3,808	3,669	2,996	28,879	31,268	-7.6
Defense communications equipment.....	504	659	522	-23.5	26.2	-3.0	423	837	355	449	5,516	5,563	-0.8
Electronic components.....	4,030	3,880	3,961	3.9	-2.0	-1.2	3,890	4,200	4,200	3,421	39,759	34,175	16.3
Nondefense search and navigation equipment.....	1,067	952	977	12.1	-2.6	-6.0	985	1,149	990	962	10,233	9,004	13.6
Defense search and navigation equipment.....	2,403	3,422	3,283	-29.8	4.2	8.3	2,177	3,879	2,830	2,849	29,204	29,661	-1.5
Electromedical, measuring, and control instruments.....	8,844	9,463	8,740	-6.5	8.3	-1.0	8,505	11,349	8,019	7,460	86,186	70,786	21.8
Electrical equipment, appliances, and components.....	9,759	10,109	10,037	-3.5	0.7	4.3	9,806	10,396	10,206	9,402	99,427	88,364	12.5
Electric lighting equipment.....	1,149	1,278	1,217	-10.1	5.0	2.5	1,117	1,313	1,211	1,258	11,978	11,136	7.6
Household appliances.....	1,634	1,587	1,547	3.0	2.6	-4.9	1,653	1,683	1,601	1,566	16,655	16,333	2.0
Electrical equipment.....	3,296	3,331	3,487	-1.1	-4.5	7.1	3,146	3,332	3,465	2,718	33,364	26,781	24.6
Transportation equipment.....	52,282	55,121	47,332	-5.2	16.5	-8.8	52,412	58,459	47,426	46,970	481,240	411,218	17.0
Motor vehicle bodies, parts, and trailers.....	17,098	16,999	17,138	0.6	-0.8	-4.5	18,679	18,036	18,099	18,233	169,978	150,084	13.3
Nondefense aircraft and parts.....	12,739	13,328	6,268	-4.4	112.6	-30.0	10,567	13,195	5,343	4,257	74,222	36,177	105.2
Defense aircraft and parts.....	4,695	6,266	4,831	-25.1	29.7	0.8	4,362	6,634	3,786	4,888	51,643	49,965	3.4
Ships and boats.....	1,676	1,714	1,430	-2.2	19.9	-22.0	1,541	1,643	1,480	1,337	17,899	15,812	13.2
Furniture and related products.....	5,382	5,660	5,630	-4.9	0.5	10.0	5,522	5,904	5,664	5,566	56,176	55,061	2.0
Nonurable goods industries.....	224,378	221,137	218,060	1.5	1.4	0.8	229,310	225,305	228,170	214,628	2,210,374	1,995,469	10.8

^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 Oct. 10/09
	Oct. 2010 ^p	Sept. 2010 ^r	Aug. 2010	Sept. - Oct.	Aug. - Sept.	July - Aug.	Oct. 2010 ^p	Sept. 2010 ^r	Aug. 2010	Oct. 2009	
All manufacturing industries ²	821,562	816,371	805,524	0.6	1.3	0.2	813,666	811,118	801,911	798,095	2.0
Excluding transportation ²	337,376	335,930	331,312	0.4	1.4	1.0	336,280	335,882	331,304	311,101	8.1
Excluding defense ²	668,012	661,562	651,855	1.0	1.5	0.2	663,391	658,736	650,309	643,023	3.2
Durable goods industries ²	821,562	816,371	805,524	0.6	1.3	0.2	813,666	811,118	801,911	798,095	2.0
Primary metals.....	19,054	18,822	18,515	1.2	1.7	0.1	18,606	19,048	19,394	16,311	14.1
Iron and steel mills.....	10,596	10,569	10,390	0.3	1.7	-0.7	10,371	10,986	11,362	9,001	15.2
Aluminum and nonferrous metals.....	6,332	6,197	6,069	2.2	2.1	0.6	6,166	6,054	5,990	5,557	11.0
Ferrous metal foundries.....	2,126	2,056	2,056	3.4	0.0	2.6	2,069	2,008	2,042	1,753	18.0
Fabricated metal products.....	53,772	54,112	54,100	-0.6	0.0	0.4	52,887	53,807	54,170	52,168	1.4
Machinery.....	104,032	101,890	99,668	2.1	2.2	1.8	104,724	101,951	99,373	88,018	19.0
Construction machinery.....	10,723	10,681	10,606	0.4	0.7	2.5	10,613	10,626	10,411	9,906	7.1
Mining, oil field, and gas field machinery.....	7,601	7,865	7,519	-3.4	4.6	1.3	7,762	7,938	7,589	6,119	26.9
Industrial machinery.....	13,847	12,851	12,387	7.8	3.7	1.6	13,832	12,403	12,286	10,961	26.2
Photographic equipment.....	2,385	2,383	2,537	0.1	-6.1	-0.8	2,390	2,394	2,529	2,432	-1.7
Ventilation, heating, air-conditioning, and refrigeration equipment.....	22,059	21,486	21,215	2.7	1.3	1.5	22,710	22,103	21,508	18,218	24.7
Metalworking machinery.....	6,209	6,179	6,188	0.5	-0.1	0.5	6,216	6,146	6,144	6,490	-4.2
Turbines, generators, and other power transmission equipment.....	17,018	16,333	15,281	4.2	6.9	5.3	16,859	16,242	15,254	12,705	32.7
Material handling equipment.....	7,949	7,921	7,805	0.4	1.5	-0.4	7,860	7,938	7,626	7,082	11.0
Computers and electronic products ²	122,561	123,431	122,082	-0.7	1.1	0.6	122,178	123,470	121,141	121,401	0.6
Computers.....	5,329	5,472	5,332	-2.6	2.6	1.0	5,329	5,472	5,332	4,825	10.4
Nondefense communications equipment.....	22,108	22,218	22,087	-0.5	0.6	2.3	22,422	22,475	22,093	23,076	-2.8
Defense communications equipment.....	6,199	6,217	6,128	-0.3	1.5	0.2	6,090	6,196	5,972	6,202	-1.8
Electronic components.....	11,496	11,505	11,556	-0.1	-0.4	-1.1	11,563	11,598	11,722	10,352	11.7
Nondefense search and navigation equipment.....	8,071	8,135	8,350	-0.8	-2.6	-0.3	8,057	8,127	8,318	8,527	-5.5
Defense search and navigation equipment.....	39,784	40,222	39,718	-1.1	1.3	1.1	39,321	39,940	39,153	40,393	-2.7
Electromedical, measuring, and control instruments.....	29,574	29,662	28,911	-0.3	2.6	-0.2	29,396	29,662	28,551	28,026	4.9
Electrical equipment, appliances, and components.....	25,462	25,325	24,770	0.5	2.2	1.6	25,304	25,230	25,064	21,745	16.4
Electric lighting equipment.....	2,421	2,451	2,340	-1.2	4.7	1.7	2,453	2,555	2,478	2,289	7.2
Household appliances.....	475	478	458	-0.6	4.4	-14.7	471	470	447	491	-4.1
Electrical equipment.....	15,871	15,779	15,687	0.6	0.6	1.6	15,902	15,732	15,879	13,902	14.4
Transportation equipment.....	484,186	480,441	474,212	0.8	1.3	-0.4	477,386	475,236	470,607	486,994	-2.0
Motor vehicle bodies, parts, and trailers.....	13,838	13,712	13,520	0.9	1.4	0.3	13,612	13,350	13,274	14,471	-5.9
Nondefense aircraft and parts.....	333,810	328,321	321,995	1.7	2.0	-0.4	329,742	325,562	319,916	324,865	1.5
Defense aircraft and parts.....	48,655	48,760	47,566	-0.2	2.5	-0.3	47,470	47,770	47,008	47,774	-0.6
Ships and boats.....	14,310	14,761	15,452	-3.1	-4.5	-5.0	13,688	14,279	15,120	19,481	-29.7
Furniture and related products.....	6,413	6,429	6,306	-0.2	2.0	1.3	6,499	6,455	6,291	6,277	3.5

^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 Oct. 10/09
	Oct. 2010 ^p	Sept. 2010 ^r	Aug. 2010	Sept. - Oct.	Aug. - Sept.	July - Aug.	Oct. 2010 ^p	Sept. 2010 ^r	Aug. 2010	Oct. 2009	
All manufacturing industries.....	538,241	533,549	527,696	0.9	1.1	0.4	542,544	532,888	532,464	511,668	6.0
Excluding transportation.....	455,147	450,702	446,173	1.0	1.0	0.2	458,818	450,337	450,333	434,925	5.5
Excluding defense.....	515,568	510,868	504,764	0.9	1.2	0.5	519,791	510,264	509,600	488,326	6.4
With unfilled orders.....	258,075	256,578	254,514	0.6	0.8	0.7	259,449	255,599	256,228	239,965	8.1
Durable goods industries.....	316,916	315,405	313,187	0.5	0.7	0.7	318,291	314,070	315,208	297,135	7.1
Wood products.....	8,790	8,875	8,851	-1.0	0.3	-0.2	8,927	8,977	8,838	8,662	3.1
Nonmetallic mineral products.....	11,344	11,309	11,248	0.3	0.5	0.1	11,015	11,098	11,138	11,325	-2.7
Primary metals.....	30,833	30,593	30,580	0.8	0.0	-0.8	31,220	30,855	30,918	26,996	15.6
Iron and steel mills.....	18,204	18,129	18,242	0.4	-0.6	-1.7	18,616	18,390	18,482	15,540	19.8
Aluminum and nonferrous metals.....	10,804	10,644	10,524	1.5	1.1	0.7	10,789	10,684	10,640	9,736	10.8
Ferrous metal foundries.....	1,825	1,820	1,814	0.3	0.3	0.5	1,815	1,781	1,796	1,720	5.5
Fabricated metal products.....	42,048	41,850	42,049	0.5	-0.5	0.2	41,944	41,729	42,092	39,515	6.1
Machinery.....	52,435	51,983	51,738	0.9	0.5	0.9	52,398	51,467	51,785	50,301	4.2
Farm machinery.....	2,640	2,537	2,520	4.1	0.7	-1.2	2,414	2,342	2,406	2,207	9.4
Construction machinery.....	5,325	5,287	5,146	0.7	2.7	2.4	5,329	5,262	5,076	4,776	11.6
Mining, oil field, and gas field machinery.....	5,980	5,901	5,897	1.3	0.1	0.7	5,906	5,857	5,969	5,687	3.9
Industrial machinery.....	7,011	6,909	6,770	1.5	2.1	1.6	6,913	6,908	6,844	6,393	8.1
Photographic equipment.....	1,549	1,571	1,576	-1.4	-0.3	0.4	1,566	1,543	1,579	1,554	0.8
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,441	3,462	3,499	-0.6	-1.1	-0.4	3,438	3,384	3,508	3,504	-1.9
Metalworking machinery.....	3,937	3,987	3,957	-1.3	0.8	0.3	3,983	4,048	4,012	4,091	-2.6
Turbines, generators, and other power transmission equipment.....	6,442	6,238	6,301	3.3	-1.0	2.2	6,721	6,212	6,410	6,263	7.3
Material handling equipment.....	3,038	3,034	3,038	0.1	-0.1	0.8	3,050	2,998	3,018	2,986	2.1
Computers and electronic products ²	46,136	45,824	45,462	0.7	0.8	0.5	46,541	45,339	46,188	43,721	6.4
Computers.....	2,255	2,063	2,226	9.3	-7.3	-5.4	2,240	2,168	2,395	1,936	15.7
Computer storage devices.....	1,077	1,083	1,061	-0.6	2.1	1.2	1,096	1,034	1,101	987	11.0
Other peripheral equipment.....	1,426	1,449	1,453	-1.6	-0.3	-0.5	1,445	1,390	1,523	1,463	-1.2
Nondefense communications equipment.....	6,221	6,091	5,955	2.1	2.3	-0.6	6,233	5,899	5,981	5,641	10.5
Defense communications equipment.....	2,138	2,136	2,139	0.1	-0.1	3.5	2,138	2,136	2,139	1,945	9.9
Audio and video equipment.....	373	375	375	-0.5	0.0	-3.4	426	412	389	683	-37.6
Electronic components.....	7,901	7,731	7,566	2.2	2.2	1.1	8,022	7,619	7,634	6,621	21.2
Nondefense search and navigation equipment.....	3,862	3,862	3,779	0.0	2.2	0.3	3,964	3,937	3,817	3,666	8.1
Defense search and navigation equipment.....	3,510	3,521	3,589	-0.3	-1.9	-1.2	3,519	3,480	3,605	3,387	3.9
Electromedical, measuring and control instruments.....	11,999	12,013	11,818	-0.1	1.7	1.1	12,051	11,772	12,064	11,575	4.1
Electrical equipment, appliances, and components.....	14,932	14,834	14,640	0.7	1.3	1.4	14,915	14,672	14,757	13,432	11.0
Electric lighting equipment.....	1,693	1,676	1,624	1.0	3.2	4.0	1,660	1,639	1,653	1,545	7.4
Household appliances.....	2,644	2,605	2,527	1.5	3.1	3.7	2,708	2,667	2,654	2,139	26.6
Electrical equipment.....	4,869	4,828	4,753	0.8	1.6	0.5	4,834	4,636	4,629	4,084	18.4
Batteries.....	984	981	985	0.3	-0.4	0.0	996	1,006	1,028	944	5.5
Transportation equipment.....	83,094	82,847	81,523	0.3	1.6	1.4	83,726	82,551	82,131	76,743	9.1
Automobiles.....	1,819	1,695	1,726	7.3	-1.8	0.6	1,765	1,611	1,744	1,091	61.8
Light trucks and utility vehicles.....	1,888	1,908	2,007	-1.0	-4.9	3.7	1,948	2,020	2,150	1,322	47.4
Heavy duty trucks.....	1,322	1,327	1,328	-0.4	-0.1	-0.4	1,377	1,320	1,368	1,384	-0.5
Motor vehicle bodies, parts, and trailers.....	16,293	16,279	16,108	0.1	1.1	1.0	16,236	16,156	16,020	13,999	16.0
Nondefense aircraft and parts.....	39,497	39,219	37,768	0.7	3.8	3.0	39,968	39,070	38,132	34,482	15.9
Defense aircraft and parts.....	11,854	11,905	12,030	-0.4	-1.0	-0.6	11,966	11,964	12,091	12,445	-3.8
Ships and boats.....	3,620	3,580	3,534	1.1	1.3	-6.3	3,598	3,542	3,457	3,354	7.3
Furniture and related products.....	6,444	6,440	6,422	0.1	0.3	1.0	6,442	6,437	6,484	6,045	6.6
Miscellaneous durable goods.....	20,860	20,850	20,674	0.0	0.9	1.0	21,163	20,945	20,877	20,395	3.8
Nondurable goods industries.....	221,325	218,144	214,509	1.5	1.7	-0.1	224,253	218,818	217,256	214,533	4.5
Food products.....	42,172	41,662	40,979	1.2	1.7	1.1	44,776	42,310	41,147	42,530	5.3
Grain and oilseed milling.....	5,520	5,517	5,433	0.1	1.5	2.8	5,930	5,428	5,272	5,430	9.2
Dairy products.....	5,751	5,630	5,433	2.1	3.6	1.7	5,721	5,598	5,539	4,958	15.4
Meat, poultry, and seafood products.....	8,467	8,306	8,165	1.9	1.7	0.5	8,686	8,402	8,212	7,760	11.9
Beverage and tobacco products.....	15,564	15,388	15,444	1.1	-0.4	-1.1	16,263	15,347	14,959	16,747	-2.9
Beverages.....	11,945	11,779	11,806	1.4	-0.2	-1.3	12,605	11,857	11,539	12,956	-2.7
Tobacco.....	3,619	3,609	3,638	0.3	-0.8	-0.4	3,658	3,490	3,420	3,791	-3.5
Textile mills.....	3,159	3,174	3,148	-0.5	0.8	1.1	3,187	3,163	3,120	3,074	3.7
Textile products.....	3,011	3,008	2,980	0.1	0.9	1.1	3,039	3,041	3,005	2,797	8.7
Apparel.....	2,770	2,719	2,642	1.9	2.9	2.4	2,799	2,858	2,774	2,416	15.9
Leather and allied products.....	918	889	872	3.3	1.9	1.0	907	900	902	841	7.8
Paper products.....	14,252	14,193	14,191	0.4	0.0	0.0	14,233	14,180	14,198	14,008	1.6
Pulp, paper, and paperboard mills.....	5,797	5,752	5,759	0.8	-0.1	-0.3	5,765	5,728	5,752	6,041	-4.6
Paperboard containers.....	4,094	4,087	4,097	0.2	-0.2	-0.1	4,040	4,068	4,090	3,717	8.7
Printing.....	5,485	5,393	5,393	1.7	0.0	0.1	5,735	5,525	5,544	5,671	1.1
Petroleum and coal products.....	44,662	43,107	40,039	3.6	7.7	-0.9	44,536	43,330	42,506	39,391	13.1
Petroleum refineries.....	41,991	40,373	37,204	4.0	8.5	-1.0	41,927	40,614	39,604	36,923	13.6
Chemical products.....	69,908	69,162	69,308	1.1	-0.2	-0.2	69,476	68,750	69,733	68,638	1.2
Pesticides, fertilizers, and other agricultural chemicals.....	3,990	4,032	4,164	-1.0	-3.2	-3.4	3,689	3,561	3,743	3,835	-3.8
Pharmaceuticals and medicines.....	24,150	23,546	23,708	2.6	-0.7	-0.8	24,282	23,637	24,191	26,421	-8.1
Paints, coatings, and adhesives.....	3,338	3,348	3,297	-0.3	1.5	0.8	3,240	3,313	3,320	3,024	7.1
Plastics and rubber products.....	19,424	19,449	19,513	-0.1	-0.3	-0.1	19,302	19,414	19,368	18,420	4.8

^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 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
	Oct. 2010 ^p	Sept. 2010 ^f	Aug. 2010	Sept. - Oct.	Aug. - Sept.	July - Aug.	Oct. 2010 ^p	Sept. 2010 ^f	Aug. 2010	Oct. 2009	2010 ^p	2009	
SHIPMENTS													
All manufacturing industries	421,020	419,568	416,480	0.3	0.7	-0.2	432,283	436,668	431,794	408,694	4,174,119	3,818,207	9.3
Construction materials and supplies.....	39,922	39,579	39,973	0.9	-1.0	-0.4	41,944	42,617	43,785	41,824	410,015	399,669	2.6
Information technology.....	27,164	27,331	27,190	-0.6	0.5	-0.1	27,329	30,747	26,303	25,712	264,571	244,185	8.3
Computers and related products	6,493	6,673	6,556	-2.7	1.8	3.2	6,842	7,268	5,955	5,396	60,006	51,434	16.7
Motor vehicle and parts.....	30,366	30,420	30,637	-0.2	-0.7	-6.1	33,182	33,313	32,984	32,520	302,655	272,828	10.9
Capital goods.....	73,729	74,847	74,349	-1.5	0.7	-1.2	72,869	80,492	72,805	69,773	728,591	696,902	4.5
Nondefense capital goods ³	64,815	65,106	65,225	-0.4	-0.2	-0.6	64,159	70,008	63,849	58,575	628,504	590,166	6.5
Excluding aircraft.....	60,466	61,293	60,710	-1.3	1.0	1.4	60,497	65,920	59,451	54,422	588,939	541,407	8.8
Defense capital goods ⁴	8,914	9,741	9,124	-8.5	6.8	-4.8	8,710	10,484	8,956	11,198	100,087	106,736	-6.2
Consumer goods.....	173,045	169,864	167,603	1.9	1.3	0.0	179,495	174,471	176,243	168,828	1,699,556	1,538,537	10.5
Consumer durable goods.....	24,179	24,414	24,600	-1.0	-0.8	-3.2	25,758	26,458	25,725	25,485	242,054	230,601	5.0
Consumer nondurable goods.....	148,866	145,450	143,003	2.3	1.7	0.6	153,737	148,013	150,518	143,343	1,457,502	1,307,936	11.4
NEW ORDERS													
All manufacturing industries ⁵	420,086	423,713	411,259	-0.9	3.0	0.0	426,642	440,837	423,790	395,112	4,135,697	3,674,770	12.5
Construction materials and supplies.....	40,190	40,171	40,419	0.0	-0.6	0.6	41,875	43,322	43,886	41,720	414,828	395,864	4.8
Information technology.....	26,383	28,909	28,263	-8.7	2.3	5.0	26,073	33,278	26,623	24,983	265,777	239,921	10.8
Computers and related products	6,350	6,813	6,610	-6.8	3.1	11.2	6,699	7,408	6,009	5,444	59,964	50,741	18.2
Motor vehicle and parts.....	30,492	30,612	30,680	-0.4	-0.2	-5.1	33,444	33,389	32,690	32,709	301,619	271,071	11.3
Capital goods.....	78,660	84,516	75,737	-6.9	11.6	0.9	76,136	89,337	71,569	64,162	744,616	616,356	20.8
Nondefense capital goods ³	70,881	74,093	66,371	-4.3	11.6	1.3	69,353	78,559	63,214	55,625	648,259	521,676	24.3
Excluding aircraft.....	61,398	64,176	63,011	-4.3	1.8	5.1	61,805	68,987	60,706	54,050	602,789	516,041	16.8
Defense capital goods ⁴	7,779	10,423	9,366	-25.4	11.3	-1.9	6,783	10,778	8,355	8,537	96,357	94,680	1.8
Consumer goods.....	173,151	169,937	167,375	1.9	1.5	0.0	179,626	174,542	175,928	168,967	1,699,976	1,538,072	10.5
Consumer durable goods.....	24,285	24,487	24,372	-0.8	0.5	-3.7	25,889	26,529	25,410	25,624	242,474	230,136	5.4
Consumer nondurable goods.....	148,866	145,450	143,003	2.3	1.7	0.6	153,737	148,013	150,518	143,343	1,457,502	1,307,936	11.4
UNFILLED ORDERS													
All manufacturing industries ⁵	821,562	816,371	805,524	0.6	1.3	0.2	813,666	811,118	801,911	798,095	(X)	(X)	2.0
Construction materials and supplies.....	54,815	54,547	53,955	0.5	1.1	0.8	55,058	55,127	54,422	50,036	(X)	(X)	10.0
Information technology.....	120,145	120,926	119,348	-0.6	1.3	0.9	119,483	120,739	118,208	118,544	(X)	(X)	0.8
Computers and related products	5,329	5,472	5,332	-2.6	2.6	1.0	5,329	5,472	5,332	4,825	(X)	(X)	10.4
Motor vehicle and parts.....	13,838	13,712	13,520	0.9	1.4	0.3	13,612	13,350	13,274	14,471	(X)	(X)	-5.9
Capital goods.....	643,428	638,497	628,828	0.8	1.5	0.2	636,477	633,210	624,365	624,919	(X)	(X)	1.8
Nondefense capital goods ³	503,951	497,885	488,898	1.2	1.8	0.2	499,924	494,730	486,179	483,305	(X)	(X)	3.4
Excluding aircraft.....	200,917	199,985	197,102	0.5	1.5	1.2	200,712	199,404	196,337	188,500	(X)	(X)	6.5
Defense capital goods ⁴	139,477	140,612	139,930	-0.8	0.5	0.2	136,553	138,480	138,186	141,614	(X)	(X)	-3.6
Consumer goods.....	8,489	8,383	8,310	1.3	0.9	-2.7	8,437	8,306	8,235	7,638	(X)	(X)	10.5
Consumer durable goods.....	8,489	8,383	8,310	1.3	0.9	-2.7	8,437	8,306	8,235	7,638	(X)	(X)	10.5
TOTAL INVENTORIES													
All manufacturing industries	538,241	533,549	527,696	0.9	1.1	0.4	542,544	532,888	532,464	511,668	(X)	(X)	6.0
Construction materials and supplies.....	55,022	55,161	55,165	-0.3	0.0	0.1	54,807	55,076	55,204	53,222	(X)	(X)	3.0
Information technology.....	39,460	39,203	39,010	0.7	0.5	0.1	39,716	38,811	39,694	37,914	(X)	(X)	4.8
Computers and related products	4,758	4,595	4,740	3.5	-3.1	-2.5	4,781	4,592	5,019	4,386	(X)	(X)	9.0
Motor vehicle and parts.....	21,322	21,209	21,169	0.5	0.2	1.1	21,326	21,107	21,282	17,796	(X)	(X)	19.8
Capital goods.....	151,949	150,966	149,001	0.7	1.3	0.9	152,628	149,796	150,037	142,676	(X)	(X)	7.0
Nondefense capital goods ³	134,612	133,619	131,377	0.7	1.7	1.3	135,323	132,565	132,542	124,833	(X)	(X)	8.4
Excluding aircraft.....	103,330	102,628	101,934	0.7	0.7	0.6	103,709	101,666	102,837	98,710	(X)	(X)	5.1
Defense capital goods ⁴	17,337	17,347	17,624	-0.1	-1.6	-1.7	17,305	17,231	17,495	17,843	(X)	(X)	-3.0
Consumer goods.....	165,252	162,101	158,283	1.9	2.4	0.1	169,014	163,359	161,507	161,267	(X)	(X)	4.8
Consumer durable goods.....	23,348	23,201	23,099	0.6	0.4	1.4	23,664	23,327	23,524	21,138	(X)	(X)	12.0
Consumer nondurable goods.....	141,904	138,900	135,184	2.2	2.7	-0.1	145,350	140,032	137,983	140,129	(X)	(X)	3.7

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 Oct. 10/09
	Oct. 2010 ^p	Sept. 2010 ^r	Aug. 2010	Sept. - Oct.	Aug. - Sept.	July - Aug.	Oct. 2010 ^p	Sept. 2010 ^r	Aug. 2010	Oct. 2009	
MATERIALS AND SUPPLIES											
All manufacturing industries.....	179,539	178,304	176,563	0.7	1.0	-0.3	180,529	178,333	177,024	172,027	4.9
Durable goods industries.....	106,664	106,184	106,014	0.5	0.2	0.1	107,477	106,357	106,228	103,139	4.2
Wood products.....	3,179	3,258	3,274	-2.4	-0.5	1.2	3,376	3,411	3,276	3,240	4.2
Nonmetallic mineral products.....	4,497	4,513	4,558	-0.4	-1.0	-0.4	4,466	4,512	4,567	4,658	-4.1
Primary metals.....	12,087	11,994	11,835	0.8	1.3	-1.3	12,400	12,221	11,952	11,436	8.4
Fabricated metal products.....	15,309	15,305	15,435	0.0	-0.8	-0.2	15,432	15,503	15,431	14,794	4.3
Machinery.....	20,190	20,026	19,973	0.8	0.3	1.3	20,362	19,943	20,030	19,871	2.5
Computers and electronic products.....	15,377	15,025	15,048	2.3	-0.2	-1.0	15,657	15,110	15,172	15,299	2.3
Electrical equipment, appliances, and components.....	5,835	5,791	5,801	0.8	-0.2	1.7	5,750	5,672	5,804	5,094	12.9
Transportation equipment.....	20,237	20,319	20,193	-0.4	0.6	-0.1	20,083	20,047	20,039	19,084	5.2
Furniture and related products.....	3,166	3,143	3,137	0.7	0.2	1.2	3,141	3,129	3,139	2,843	10.5
Miscellaneous products.....	6,787	6,810	6,760	-0.3	0.7	0.5	6,810	6,809	6,818	6,820	-0.1
Nondurable goods industries.....	72,875	72,120	70,549	1.0	2.2	-0.9	73,052	71,976	70,796	68,888	6.0
Food products.....	14,522	14,454	14,151	0.5	2.1	0.6	15,045	14,169	13,746	14,524	3.6
Beverage and tobacco products.....	4,179	4,165	4,152	0.3	0.3	-0.1	4,229	4,060	3,951	4,373	-3.3
Textiles.....	1,161	1,164	1,164	-0.3	0.0	1.2	1,163	1,164	1,170	1,074	8.3
Textile products.....	1,220	1,220	1,215	0.0	0.4	1.0	1,242	1,246	1,228	1,158	7.3
Apparel.....	752	723	689	4.0	4.9	3.6	751	724	695	609	23.3
Leather and allied products.....	349	347	346	0.6	0.3	3.0	349	356	356	321	8.7
Paper products.....	6,961	6,935	6,937	0.4	0.0	-0.6	6,992	6,993	6,966	6,914	1.1
Printing.....	2,425	2,360	2,385	2.8	-1.0	1.3	2,478	2,420	2,430	2,322	6.7
Petroleum and coal products.....	11,619	10,896	9,626	6.6	13.2	-5.5	11,380	10,826	10,194	9,733	16.9
Chemical products.....	21,634	21,766	21,776	-0.6	0.0	-0.9	21,433	21,829	21,922	20,479	4.7
Plastics and rubber products.....	8,053	8,090	8,108	-0.5	-0.2	0.0	7,990	8,189	8,138	7,381	8.3
WORK IN PROCESS											
All manufacturing industries.....	163,140	161,376	159,405	1.1	1.2	0.8	165,788	160,134	160,557	153,612	7.9
Durable goods industries.....	116,939	116,435	115,068	0.4	1.2	0.9	117,958	116,013	116,133	107,474	9.8
Wood products.....	1,685	1,670	1,635	0.9	2.1	-2.8	1,695	1,668	1,642	1,614	5.0
Nonmetallic mineral products.....	1,353	1,334	1,318	1.4	1.2	-0.5	1,294	1,316	1,299	1,327	-2.5
Primary metals.....	8,873	8,701	8,713	2.0	-0.1	0.0	8,980	8,853	9,023	7,631	17.7
Fabricated metal products.....	11,607	11,598	11,621	0.1	-0.2	0.0	11,684	11,633	11,695	10,842	7.8
Machinery.....	14,483	14,451	14,344	0.2	0.7	0.3	14,655	14,453	14,551	14,057	4.3
Computers and electronic products.....	20,450	20,490	20,562	-0.2	-0.4	1.5	20,452	20,020	20,796	18,859	8.4
Electrical equipment, appliances, and components.....	3,265	3,267	3,224	-0.1	1.3	1.1	3,269	3,209	3,282	2,984	9.6
Transportation equipment.....	50,822	50,510	49,305	0.6	2.4	1.5	51,482	50,455	49,463	46,296	11.2
Furniture and related products.....	1,004	1,028	1,012	-2.3	1.6	-1.7	996	1,024	1,013	979	1.7
Miscellaneous products.....	3,397	3,386	3,334	0.3	1.6	1.0	3,451	3,382	3,369	2,885	19.6
Nondurable goods industries.....	46,201	44,941	44,337	2.8	1.4	0.6	47,830	44,121	44,424	46,138	3.7
Food products.....	3,685	3,535	3,541	4.2	-0.2	2.2	4,762	3,185	3,090	4,716	1.0
Beverage and tobacco products.....	5,652	5,510	5,601	2.6	-1.6	-3.3	6,095	5,410	5,147	6,343	-3.9
Textiles.....	691	702	696	-1.6	0.9	2.5	699	709	702	666	5.0
Textile products.....	497	495	495	0.4	0.0	2.3	501	504	499	478	4.8
Apparel.....	351	370	368	-5.1	0.5	0.0	353	380	381	336	5.1
Leather and allied products.....	82	79	77	3.8	2.6	1.3	79	76	75	68	16.2
Paper products.....	1,404	1,400	1,401	0.3	-0.1	0.2	1,380	1,396	1,421	1,321	4.5
Printing.....	1,266	1,270	1,269	-0.3	0.1	-1.6	1,378	1,334	1,321	1,505	-8.4
Petroleum and coal products.....	14,188	13,749	13,181	3.2	4.3	2.6	14,191	13,446	13,895	11,296	25.6
Chemical products.....	16,051	15,501	15,382	3.5	0.8	-0.1	16,082	15,360	15,594	17,291	-7.0
Plastics and rubber products.....	2,334	2,330	2,326	0.2	0.2	1.4	2,310	2,321	2,299	2,118	9.1
FINISHED GOODS											
All manufacturing industries.....	195,562	193,869	191,728	0.9	1.1	0.6	196,227	194,421	194,883	186,029	5.5
Durable goods industries.....	93,313	92,786	92,105	0.6	0.7	1.0	92,856	91,700	92,847	86,522	7.3
Wood products.....	3,926	3,947	3,942	-0.5	0.1	-0.2	3,856	3,898	3,920	3,808	1.3
Nonmetallic mineral products.....	5,494	5,462	5,372	0.6	1.7	0.8	5,255	5,270	5,272	5,340	-1.6
Primary metals.....	9,873	9,898	10,032	-0.3	-1.3	-0.8	9,840	9,781	9,943	7,929	24.1
Fabricated metal products.....	15,132	14,947	14,993	1.2	-0.3	0.7	14,828	14,593	14,966	13,879	6.8
Machinery.....	17,762	17,506	17,421	1.5	0.5	0.8	17,381	17,071	17,204	16,373	6.2
Computers and electronic products.....	10,309	10,309	9,852	0.0	4.6	0.7	10,432	10,209	10,220	9,563	9.1
Electrical equipment, appliances, and components.....	5,832	5,776	5,615	1.0	2.9	1.2	5,896	5,791	5,671	5,354	10.1
Transportation equipment.....	12,035	12,018	12,025	0.1	-0.1	3.6	12,161	12,049	12,629	11,363	7.0
Furniture and related products.....	2,274	2,269	2,273	0.2	-0.2	2.1	2,305	2,284	2,332	2,223	3.7
Miscellaneous products.....	10,676	10,654	10,580	0.2	0.7	1.2	10,902	10,754	10,690	10,690	2.0
Nondurable goods industries.....	102,249	101,083	99,623	1.2	1.5	0.3	103,371	102,721	102,036	99,507	3.9
Food products.....	23,965	23,673	23,287	1.2	1.7	1.2	24,969	24,956	24,311	23,290	7.2
Beverage and tobacco products.....	5,733	5,713	5,691	0.4	0.4	0.5	5,939	5,877	5,861	6,031	-1.5
Textiles.....	1,307	1,308	1,288	-0.1	1.6	0.3	1,325	1,290	1,248	1,334	-0.7
Textile products.....	1,294	1,293	1,270	0.1	1.8	0.8	1,296	1,291	1,278	1,161	11.6
Apparel.....	1,667	1,626	1,585	2.5	2.6	2.5	1,695	1,754	1,698	1,471	15.2
Leather and allied products.....	487	463	449	5.2	3.1	-0.4	479	468	471	452	6.0
Paper products.....	5,887	5,858	5,853	0.5	0.1	0.7	5,861	5,791	5,811	5,773	1.5
Printing.....	1,794	1,763	1,739	1.8	1.4	-0.4	1,879	1,771	1,793	1,844	1.9
Petroleum and coal products.....	18,855	18,462	17,232	2.1	7.1	-0.7	18,965	19,058	18,417	18,362	3.3
Chemical products.....	32,223	31,895	32,150	1.0	-0.8	0.1	31,961	31,561	32,217	30,868	3.5
Plastics and rubber products.....	9,037	9,029	9,079	0.1	-0.6	-0.6	9,002	8,904	8,931	8,921	0.9

^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.

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			
	Oct 2010 ^P	Sep 2010 ^r	Aug 2010	Jul 2010	Oct 2010 ^P	Sep 2010 ^r	Aug 2010	Jul 2010
All manufacturing industries ²	1.28	1.27	1.27	1.26	(X)	(X)	(X)	(X)
Durable goods industries ²	1.61	1.59	1.58	1.55	5.76	5.67	5.61	5.53
Wood products.....	1.37	1.43	1.40	1.35	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.39	1.39	1.37	1.36	(X)	(X)	(X)	(X)
Primary metals.....	1.54	1.53	1.54	1.56	0.95	0.94	0.93	0.93
Fabricated metal products.....	1.54	1.53	1.54	1.55	2.04	2.05	2.05	2.05
Machinery.....	2.13	2.04	2.06	2.11	4.77	4.49	4.50	4.52
Computers and electronic products ²	1.37	1.33	1.33	1.32	4.92	4.94	4.90	4.88
Electrical equipment, appliances, and components.....	1.55	1.55	1.52	1.50	2.87	2.88	2.79	2.75
Transportation equipment.....	1.71	1.69	1.66	1.53	13.78	13.62	13.32	12.44
Furniture and related products.....	1.19	1.16	1.16	1.14	1.37	1.34	1.31	1.28
Miscellaneous products.....	1.61	1.62	1.60	1.58	(X)	(X)	(X)	(X)
Nondurable goods industries.....	0.99	0.99	0.98	0.99	(X)	(X)	(X)	(X)
Food products.....	0.75	0.75	0.74	0.74	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.46	1.42	1.43	1.49	(X)	(X)	(X)	(X)
Textiles.....	1.35	1.34	1.31	1.30	(X)	(X)	(X)	(X)
Textile products.....	1.65	1.64	1.63	1.61	(X)	(X)	(X)	(X)
Apparel.....	2.13	2.13	2.05	2.01	(X)	(X)	(X)	(X)
Leather and allied products.....	2.34	2.27	2.22	2.16	(X)	(X)	(X)	(X)
Paper products.....	0.99	0.98	0.99	0.99	(X)	(X)	(X)	(X)
Printing.....	0.77	0.74	0.75	0.75	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.82	0.85	0.81	0.82	(X)	(X)	(X)	(X)
Chemical products.....	1.16	1.14	1.16	1.18	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.27	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	
	Oct ¹ 2010	Oct ² 2009-Sep 2010	Oct ¹ 2010	Oct ² 2009-Sep 2010	Oct ¹ 2010	Oct ² 2009-Sep 2010	Oct ¹ 2010	Oct ² 2009-Sep 2010
	Oct ¹ 2010	Sep 2010	Oct ¹ 2010	Sep 2010	Oct ¹ 2010	Sep 2010	Oct ¹ 2010	Sep 2010
All manufacturing industries.....	(X)	0.3	(X)	0.5	(X)	0.1	(X)	0.2
Durable goods industries.....	0.0	0.4	-0.1	0.7	-0.1	0.1	0.1	0.2
Wood products.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.5
Nonmetallic mineral products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Primary metals.....	0.2	0.6	0.2	1.7	0.1	1.4	0.1	0.3
Fabricated metal products.....	-0.4	0.4	-0.6	0.8	-0.2	0.2	0.2	0.2
Machinery.....	-0.1	0.7	0.2	1.6	0.0	0.4	0.2	0.2
Computers and electronic products.....	0.0	1.2	-0.2	1.4	0.0	0.2	0.2	0.3
Electrical equipment, appliances, and components.....	0.5	0.5	-0.1	1.3	-0.3	0.4	0.0	0.4
Transportation equipment.....	0.0	1.1	0.0	1.3	0.0	0.1	0.0	0.4
Furniture and related products.....	(X)	0.5	(X)	1.2	(X)	0.8	(X)	0.3
Miscellaneous products.....	(X)	0.3	(X)	0.4	(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)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.7
Textile products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.4
Apparel.....	(X)	1.2	(X)	(NA)	(X)	(NA)	(X)	0.6
Leather and allied products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.6
Paper products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.2
Printing.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.6
Petroleum and coal products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	1.3
Chemical products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.2
Plastics and rubber products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.3

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	