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Full Report on Manufacturers' Shipments, Inventories and Orders December 2009

Summary

New orders for manufactured goods in December, up eight of the last nine months, increased \$3.7 billion or 1.0 percent to \$370.4 billion, the U.S. Census Bureau reported today. This followed a 1.0 percent November increase. Excluding transportation, new orders increased 1.2 percent.

Shipments, up six of the last seven months, increased \$7.0 billion or 1.9 percent to \$383.1 billion. This followed a 1.6 percent November increase.

Unfilled orders, down fifteen consecutive months, decreased \$7.4 billion or 1.0 percent to \$716.7 billion. This was the longest streak of consecutive monthly decreases since the series was first published on a NAICS basis in 1992. This followed a 0.7 percent November decrease. The unfilled orders-to-shipments ratio was 5.46, down from 5.65 in November.

Inventories, down following two consecutive monthly increases, decreased \$0.3 billion or 0.1 percent to \$495.0 billion. This followed a 0.2 percent November increase. The inventories-to-shipments ratio was 1.29, down from 1.32 in November.

New Orders

New orders for manufactured durable goods in December, up following two consecutive monthly decreases, increased \$1.6 billion or 1.0 percent to \$169.0 billion, revised from the previously published 0.3 percent increase. This followed a 0.4 percent November decrease.

Machinery, up three of the last four months, had the largest increase, \$1.5 billion or 6.6 percent to \$24.3 billion.

New orders for manufactured nondurable goods increased \$2.1 billion or 1.0 percent to \$201.4 billion.

Shipments

Shipments of manufactured durable goods in December, up four consecutive months, increased \$5.0 billion or 2.8 percent to \$181.7 billion, revised from the previously published 2.9 percent increase. This followed a 0.8 percent November increase.

Transportation equipment, up three of the last four months, had the largest increase, \$1.8 billion or 4.2 percent to \$45.8 billion.

Shipments of manufactured nondurable goods, up eight of the last nine months, increased \$2.1 billion or 1.0 percent to \$201.4 billion. This followed a 2.2 percent November increase. This increase was led by petroleum and coal products, which increased \$1.2 billion or 2.8 percent to \$44.7 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in December, down fifteen consecutive months, decreased \$7.4 billion or 1.0 percent to \$716.7 billion, revised from the previously published 1.2 percent decrease. This was the longest streak of consecutive monthly decreases since the series was first published on a NAICS basis in 1992 and followed a 0.7 percent November decrease.

Transportation equipment, down fourteen of the last fifteen months, had the largest decrease, \$7.8 billion or 1.9 percent to \$409.7 billion.

Inventories

Inventories of manufactured durable goods in December, down twelve consecutive months, decreased \$0.5 billion or 0.2 percent to \$302.8 billion, unchanged from the previously published decrease. This followed a 0.2 percent November decrease.

Fabricated metal products, down fourteen of the last fifteen months, had the largest decrease, \$0.3 billion or 0.8 percent to \$36.7 billion.

Inventories of manufactured nondurable goods, up three consecutive months, increased \$0.2 billion or 0.1 percent to \$192.2 billion. This followed a 0.8 percent November increase. Petroleum and coal products drove the increase, up \$1.2 billion or 4.0 percent to \$31.2 billion.

By stage of fabrication, December materials and supplies decreased 0.1 percent in durable goods and increased 1.8 percent in nondurable goods. Work in process increased 0.1 percent in durable goods and 0.8 percent in nondurable goods. Finished goods decreased 0.5 percent in durable goods and 1.4 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 January is scheduled for release on February 25, 2010, at 8:30 a.m. EST and the full report on March 4, 2010, at 10:00 a.m. EST. See back page for survey description, benchmark notice, and 2010 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		
	Dec. 2009 ^P	Nov. 2009 ^F	Oct. 2009	Nov. - Dec.	Oct. - Nov.	Sep. - Oct.	Dec. 2009 ^P	Nov. 2009 ^F	Oct. 2009	Dec. 2008	2009 ^P	2008	Percent 2009/2008
All manufacturing industries.....	383,087	376,048	370,294	1.9	1.6	0.9	379,241	366,265	383,460	368,574	4,375,927	5,183,142	-15.6
Excluding transportation.....	337,286	332,083	326,525	1.6	1.7	1.6	330,898	322,609	338,174	321,145	3,847,482	4,564,021	-15.7
Excluding defense.....	369,873	362,284	356,120	2.1	1.7	1.1	364,618	352,127	369,350	355,866	4,213,494	5,042,959	-16.4
With unfilled orders.....	131,252	128,189	126,753	2.4	1.1	-0.5	133,950	123,829	129,007	137,481	1,513,926	1,789,538	-15.4
Durable goods industries.....	181,735	176,772	175,345	2.8	0.8	0.2	183,293	170,821	181,561	189,369	2,096,118	2,493,610	-15.9
Wood products.....	7,617	7,589	7,596	0.4	-0.1	0.0	6,866	7,119	7,987	6,808	89,783	96,766	-7.2
Nonmetallic mineral products.....	7,436	7,414	7,255	0.3	2.2	-2.9	6,440	7,098	7,969	6,903	89,982	109,048	-17.5
Primary metals.....	16,242	15,207	14,557	6.8	4.5	5.1	14,121	13,972	15,349	13,783	164,785	255,463	-35.5
Iron and steel mills.....	6,635	6,313	5,955	5.1	6.0	6.3	5,899	5,777	6,358	6,467	67,321	130,009	-48.2
Aluminum and nonferrous metals.....	8,270	7,614	7,353	8.6	3.5	4.8	7,076	7,046	7,717	5,953	82,752	103,804	-20.3
Ferrous metal foundries.....	1,337	1,280	1,249	4.5	2.5	0.9	1,146	1,149	1,274	1,363	14,712	21,650	-32.0
Fabricated metal products.....	24,121	24,125	24,073	0.0	0.2	0.8	22,331	22,912	25,236	23,805	288,325	330,603	-12.8
Machinery.....	23,890	22,726	22,121	5.1	2.7	-2.5	23,961	20,918	22,261	28,217	277,127	347,077	-20.2
Farm machinery.....	2,107	2,125	2,142	-0.8	-0.8	-4.2	1,752	1,642	2,003	2,125	27,433	28,983	-5.3
Construction machinery.....	1,453	1,468	1,431	-1.0	2.6	3.2	1,452	1,360	1,529	2,259	17,785	28,868	-38.4
Mining, oil field, and gas field machinery.....	1,281	1,269	1,284	0.9	-1.2	-0.8	1,487	1,262	1,368	1,987	16,584	19,451	-14.7
Industrial machinery.....	2,257	2,303	1,898	-2.0	21.3	-9.4	2,674	1,993	1,996	2,977	26,508	34,536	-23.2
Photographic equipment.....	581	561	554	3.6	1.3	-4.0	664	597	600	529	6,707	6,508	3.1
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,270	3,241	3,239	0.9	0.1	0.9	3,237	2,976	3,100	3,388	39,921	46,732	-14.6
Metalworking machinery.....	1,652	1,675	1,570	-1.4	6.7	-1.3	1,699	1,588	1,661	2,201	19,825	28,681	-30.9
Turbines, generators, and other power transmission equipment.....	3,840	2,759	2,878	39.2	-4.1	-6.9	3,669	2,697	2,910	4,700	36,141	46,255	-21.9
Material handling equipment.....	1,690	1,692	1,652	-0.1	2.4	5.8	1,677	1,597	1,653	2,153	19,283	29,401	-34.4
Computers and electronic products.....	30,873	30,163	30,481	2.4	-1.0	6.4	34,676	29,894	31,378	34,695	349,064	379,713	-8.1
Computers.....	2,705	2,604	2,443	3.9	6.6	0.7	3,109	2,520	2,832	2,777	30,545	35,312	-13.5
Computer storage devices.....	574	673	747	-14.7	-9.9	27.3	1,024	537	517	1,230	7,046	8,002	-11.9
Other peripheral equipment.....	1,330	1,315	1,291	1.1	1.9	-0.3	2,073	1,275	1,121	2,132	15,569	16,333	-4.7
Nondefense communications equipment.....	4,220	4,313	4,408	-2.2	-2.2	4.0	5,308	4,498	3,917	6,101	50,337	60,325	-16.6
Defense communications equipment.....	660	725	790	-9.0	-8.2	9.7	620	762	788	636	8,951	8,227	8.8
Audio and video equipment.....	568	593	587	-4.2	1.0	9.1	753	822	807	699	6,504	7,671	-15.2
Semiconductors.....	5,359	4,078	4,445	31.4	-8.3	25.1	4,226	3,897	6,021	3,957	47,487	57,959	-18.1
Electronic components.....	3,488	3,410	3,420	2.3	-0.3	3.4	3,964	3,330	3,380	3,889	40,234	46,402	-13.3
Nondefense search and navigation equipment.....	821	872	867	-5.8	0.6	3.6	876	856	819	1,007	10,289	11,592	-11.2
Defense search and navigation equipment.....	2,864	3,000	2,912	-4.5	3.0	-1.4	3,032	3,159	2,887	2,891	33,822	32,823	3.0
Electromedical, measuring, and control instruments.....	7,893	8,180	8,151	-3.5	0.4	4.8	9,268	7,748	7,785	8,816	92,974	88,613	4.9
Electrical equipment, appliances, and components.....	8,628	8,574	8,356	0.6	2.6	1.4	8,479	8,318	8,666	9,074	101,671	124,977	-18.6
Electric lighting equipment.....	1,033	1,039	1,017	-0.6	2.2	2.5	1,075	1,015	1,048	1,008	11,882	12,214	-2.7
Household appliances.....	1,644	1,694	1,579	-3.0	7.3	0.2	1,679	1,671	1,628	1,693	20,041	22,538	-11.1
Electrical equipment.....	2,744	2,632	2,547	4.3	3.3	0.5	2,642	2,412	2,462	3,124	31,338	41,622	-24.7
Batteries.....	750	754	829	-0.5	-9.0	10.2	816	895	1,002	786	9,000	9,877	-8.9
Transportation equipment.....	45,801	43,965	43,769	4.2	0.4	-3.9	48,343	43,656	45,286	47,429	528,445	619,121	-14.6
Automobiles.....	5,343	4,978	4,797	7.3	3.8	4.5	5,018	4,871	5,395	5,211	55,460	81,646	-32.1
Light trucks and utility vehicles.....	4,523	4,361	4,270	3.7	2.1	-4.5	4,757	4,325	4,847	6,545	59,371	99,123	-40.1
Heavy duty trucks.....	1,396	1,283	1,159	8.8	10.7	-0.3	1,369	1,239	1,258	1,313	13,704	16,604	-17.5
Motor vehicle bodies, parts, and trailers.....	14,148	13,917	13,653	1.7	1.9	-1.3	12,623	13,606	14,953	12,052	161,338	189,652	-14.9
Nondefense aircraft and parts.....	8,598	7,440	7,647	15.6	-2.7	-11.1	11,153	7,460	6,607	10,022	94,006	96,589	-2.7
Defense aircraft and parts.....	5,781	5,731	5,603	0.9	2.3	-14.2	6,891	5,783	5,575	5,756	67,585	55,778	21.2
Ships and boats.....	1,809	1,866	1,921	-3.1	-2.9	0.3	1,830	1,920	1,999	2,023	23,135	27,209	-15.0
Furniture and related products.....	5,046	5,018	5,005	0.6	0.3	0.2	4,934	4,848	5,142	5,422	61,583	76,114	-19.1
Miscellaneous durable goods.....	12,081	11,991	12,132	0.8	-1.2	1.2	13,142	12,086	12,287	13,233	145,353	154,728	-6.1
Nondurable goods industries.....	201,352	199,276	194,949	1.0	2.2	1.6	195,948	195,444	201,899	179,205	2,279,809	2,689,532	-15.2
Food products.....	50,827	50,584	50,194	0.5	0.8	1.2	51,142	51,738	52,892	49,862	599,418	610,813	-1.9
Grain and oilseed milling.....	5,971	5,737	5,762	4.1	-0.4	-1.1	5,968	5,976	6,322	5,786	70,349	71,993	-2.3
Dairy products.....	6,283	6,130	6,017	2.5	1.9	2.8	6,503	6,350	6,167	6,640	72,706	86,088	-15.5
Meat, poultry, and seafood products.....	14,890	14,763	14,494	0.9	1.9	2.7	14,630	14,836	15,053	14,141	173,773	182,565	-4.8
Beverage and tobacco products.....	11,199	10,980	11,178	2.0	-1.8	0.3	10,970	11,160	11,316	11,324	134,124	137,825	-2.7
Beverages.....	7,600	7,597	7,539	0.0	0.8	1.0	7,371	7,777	7,677	7,538	91,007	93,611	-2.8
Tobacco.....	3,599	3,383	3,639	6.4	-7.0	-1.1	3,599	3,383	3,639	3,786	43,117	44,214	-2.5
Textile mills.....	2,320	2,368	2,291	-2.0	3.4	-0.7	2,105	2,325	2,468	2,085	27,236	33,554	-18.8
Textile products.....	1,809	1,770	1,734	2.2	2.1	-0.8	1,591	1,723	1,821	1,648	21,385	26,780	-20.1
Apparel.....	2,135	2,146	2,152	-0.5	-0.3	4.3	1,977	2,412	2,462	2,199	25,875	31,167	-17.0
Leather and allied products.....	405	405	404	0.0	0.2	-2.2	385	379	421	409	4,977	5,694	-12.6
Paper products.....	12,958	12,834	12,815	1.0	0.1	0.4	12,725	12,652	13,109	13,175	154,678	172,032	-10.1
Pulp, paper, and paperboard mills.....	6,293	6,208	6,179	1.4	0.5	1.1	6,190	6,003	6,339	6,359	74,036	82,800	-10.6
Paperboard containers.....	3,336	3,321	3,352	0.5	-0.9	-0.8	3,199	3,275	3,483	3,466	41,175	48,242	-14.6
Printing.....	7,146	7,132	7,087	0.2	0.6	-1.3	7,260	7,394	7,723	7,787	88,068	97,582	-9.7
Petroleum and coal products.....	44,674	43,437	40,454	2.8	7.4	6.4	42,263	41,049	41,452	27,066	431,153	673,973	-36.0
Petroleum refineries.....	42,097	40,663	37,802	3.5	7.6	7.3	40,125	38,552	38,475	24,829	397,556	639,069	-37.8
Chemical products.....	52,150	51,951	51,275	0.4	1.3	-0.3	51,270	49,753	52,074	49,032	609,739	689,345	-11.5
Pesticides, fertilizers, and other agricultural chemicals.....	3,302	3,301	2,636	0.0	25.2	-7.8	2,750	2,408	1,991	2,279	35,946	41,747	-13.9
Pharmaceuticals and medicines.....	14,038	13,707	13,984	2.4	-2.0	0.1	14,523	13,632	14,815	15,089	170,917	174,194	-1.9
Paints, coatings, and adhesives.....	2,408	2,494	2,501	-3.4	-0.3	-2.7	2,007	2,177	2,539	1,874	30,039	32,458	-7.5
Plastics and rubber products.....	15,729	15,669	15,365	0.4	2.0	0.4	14,260	14,859	16,161	14,618	183,156	210,767	-13.1

NA Not Available

^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.

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			
	Dec. 2009 ^P	Nov. 2009 ^F	Oct. 2009	Nov. - Dec.	Oct. - Nov.	Sep. - Oct.	Dec. 2009 ^P	Nov. 2009 ^F	Oct. 2009	Dec. 2008	2009 ^P	2008	Percent 2009/2008
All manufacturing industries ²	370,366	366,688	363,047	1.0	1.0	0.8	378,270	354,363	372,093	366,003	4,245,926	5,152,120	-17.6
Excluding transportation ²	332,403	328,516	321,648	1.2	2.1	0.7	326,861	316,907	330,857	308,786	3,771,736	4,501,959	-16.2
Excluding defense ²	359,159	355,778	351,260	1.0	1.3	1.4	361,127	344,175	360,704	343,911	4,097,734	5,000,690	-18.1
With unfilled orders ²	123,890	122,907	123,951	0.8	-0.8	-0.2	137,205	115,824	123,661	138,867	1,431,412	1,816,475	-21.2
Durable goods industries ²	169,014	167,412	168,098	1.0	-0.4	-0.1	182,322	158,919	170,194	186,798	1,966,117	2,462,588	-20.2
Primary metals.....	16,435	15,189	14,809	8.2	2.6	5.7	14,467	13,797	15,022	12,151	161,490	246,527	-34.5
Iron and steel mills.....	6,690	6,382	6,044	4.8	5.6	6.0	5,921	5,560	5,960	5,112	65,546	122,907	-46.7
Aluminum and nonferrous metals.....	8,321	7,544	7,566	10.3	-0.3	7.2	7,304	7,077	7,858	5,841	81,891	102,155	-19.8
Ferrous metal foundries.....	1,424	1,263	1,199	12.7	5.3	-3.8	1,242	1,160	1,204	1,198	14,053	21,465	-34.5
Fabricated metal products.....	24,100	24,440	23,916	-1.4	2.2	0.7	22,456	22,651	24,605	22,704	279,468	327,919	-14.8
Machinery.....	24,283	22,784	22,076	6.6	3.2	-8.1	23,570	20,575	22,502	23,205	265,891	354,601	-25.0
Construction machinery.....	1,427	1,218	1,258	17.2	-3.2	-28.4	1,485	1,085	1,298	1,357	13,154	30,324	-56.6
Mining, oil field, and gas field machinery.....	1,307	1,219	1,096	7.2	11.2	-7.7	1,458	1,252	1,266	1,632	14,196	21,901	-35.2
Industrial machinery.....	2,395	2,516	1,825	-4.8	37.9	-8.5	2,488	2,156	2,212	1,830	22,961	34,046	-32.6
Photographic equipment.....	573	566	539	1.2	5.0	-4.1	593	566	570	499	6,584	6,799	-3.2
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,732	3,581	3,603	4.2	-0.6	-10.6	3,264	3,007	3,329	2,329	44,215	49,383	-10.5
Metalworking machinery.....	1,790	1,559	1,586	14.8	-1.7	-0.4	1,722	1,426	1,713	1,784	18,594	28,817	-35.5
Turbines, generators, and other power transmission equipment.....	3,424	2,864	3,092	19.6	-7.4	-14.4	3,568	2,858	3,029	4,539	35,259	47,444	-25.7
Material handling equipment.....	1,525	1,553	1,580	-1.8	-1.7	3.1	1,618	1,517	1,486	1,898	17,871	28,566	-37.4
Computers and electronic products ²	25,342	25,697	25,369	-1.4	1.3	0.4	31,447	24,671	24,520	31,513	299,300	324,566	-7.8
Computers.....	2,904	2,884	2,485	0.7	16.1	-5.9	3,308	2,800	2,874	2,730	31,162	35,685	-12.7
Nondefense communications equipment.....	4,432	4,350	4,240	1.9	2.6	-4.1	5,465	3,890	3,987	5,708	50,955	59,960	-15.0
Defense communications equipment.....	437	534	707	-18.2	-24.5	-5.5	643	462	604	1,045	8,590	8,929	-3.8
Semiconductors ²	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	3,701	3,797	3,510	-2.5	8.2	-1.3	4,025	3,600	3,345	3,659	41,112	46,226	-11.1
Nondefense search and navigation equipment.....	763	817	847	-6.6	-3.5	38.9	785	812	788	1,002	9,135	13,725	-33.4
Defense search and navigation equipment.....	2,315	2,149	2,676	7.7	-19.7	5.9	3,195	2,250	2,504	3,400	32,297	32,555	-0.8
Electromedical, measuring, and control instruments.....	7,927	8,185	7,859	-3.2	4.1	-0.9	9,753	7,733	7,469	9,348	91,624	89,026	2.9
Electrical equipment, appliances, and components.....	8,466	8,801	8,503	-3.8	3.5	3.2	7,908	8,375	8,795	8,391	99,540	123,512	-19.4
Electric lighting equipment.....	956	1,125	1,094	-15.0	2.8	-1.9	937	1,018	1,075	922	11,732	11,878	-1.2
Household appliances.....	1,655	1,700	1,560	-2.6	9.0	-2.4	1,581	1,668	1,620	1,567	20,100	22,299	-9.9
Electrical equipment.....	2,733	2,702	2,514	1.1	7.5	4.0	2,291	2,486	2,490	2,577	29,599	41,190	-28.1
Transportation equipment.....	37,963	38,172	41,399	-0.5	-7.8	1.3	51,409	37,456	41,236	57,217	474,190	650,161	-27.1
Motor vehicle bodies, parts, and trailers.....	14,085	13,724	13,915	2.6	-1.4	1.4	12,814	13,461	15,217	11,804	159,661	186,736	-14.5
Nondefense aircraft and parts.....	2,883	4,373	7,333	-34.1	-40.4	47.8	12,774	4,767	4,623	13,561	60,148	124,084	-51.5
Defense aircraft and parts.....	5,764	4,810	5,293	19.8	-9.1	-6.5	8,121	4,521	5,141	7,954	64,399	60,703	6.1
Ships and boats.....	993	1,214	1,223	-18.2	-0.7	-26.5	1,629	1,101	1,184	5,771	16,799	30,150	-44.3
Furniture and related products.....	5,087	5,085	4,962	0.0	2.5	-0.1	4,413	4,841	5,190	4,656	61,206	75,137	-18.5
Nondurable goods industries.....	201,352	199,276	194,949	1.0	2.2	1.6	195,948	195,444	201,899	179,205	2,279,809	2,689,532	-15.2

NA Not Available ^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. Further details on survey design, methodology, and data limitations are contained in our most recent annual benchmark publication,

Current Industrial Reports: M3-3(07), "Manufacturers' Shipments, Inventories, and Orders: 2004-2007."

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				Percent Change Dec. 09/08
	Monthly			Percent Change			Monthly				
	Dec. 2009 ^P	Nov. 2009 ^F	Oct. 2009	Nov. - Dec.	Oct. - Nov.	Sep. - Oct.	Dec. 2009 ^P	Nov. 2009 ^F	Oct. 2009	Dec. 2008	
All manufacturing industries ²	716,692	724,054	729,336	-1.0	-0.7	-0.4	716,239	712,984	720,989	798,753	-10.3
Excluding transportation ²	306,964	306,488	305,977	0.2	0.2	-0.1	302,659	302,470	304,275	330,918	-8.5
Excluding defense ²	568,366	573,721	576,149	-0.9	-0.4	-0.1	567,924	567,189	571,244	636,197	-10.7
Durable goods industries ²	716,692	724,054	729,336	-1.0	-0.7	-0.4	716,239	712,984	720,989	798,753	-10.3
Primary metals.....	15,444	15,251	15,269	1.3	-0.1	1.7	15,032	14,686	14,861	18,327	-18.0
Iron and steel mills.....	8,040	7,985	7,916	0.7	0.9	1.1	7,573	7,551	7,768	9,348	-19.0
Aluminum and nonferrous metals.....	5,292	5,241	5,311	1.0	-1.3	4.2	5,367	5,139	5,108	6,228	-13.8
Ferrous metal foundries.....	2,112	2,025	2,042	4.3	-0.8	-2.4	2,092	1,996	1,985	2,751	-24.0
Fabricated metal products.....	49,056	49,077	48,762	0.0	0.6	-0.3	47,878	47,753	48,014	56,735	-15.6
Machinery.....	87,852	87,459	87,401	0.4	0.1	-0.1	86,675	87,066	87,409	97,911	-11.5
Construction machinery.....	8,052	8,078	8,328	-0.3	-3.0	-2.0	7,901	7,868	8,143	12,532	-37.0
Mining, oil field, and gas field machinery.....	4,865	4,839	4,889	0.5	-1.0	-3.7	4,893	4,922	4,932	7,281	-32.8
Industrial machinery.....	11,288	11,150	10,937	1.2	1.9	-0.7	10,874	11,060	10,897	14,421	-24.6
Photographic equipment.....	1,752	1,760	1,755	-0.5	0.3	-0.8	1,674	1,745	1,776	1,797	-6.8
Ventilation, heating, air-conditioning, and refrigeration equipment.....	20,812	20,350	20,010	2.3	1.7	1.9	20,443	20,416	20,385	16,149	26.6
Metalworking machinery.....	6,740	6,602	6,718	2.1	-1.7	0.2	6,584	6,561	6,723	7,815	-15.8
Turbines, generators, and other power transmission equipment.....	13,729	14,145	14,040	-2.9	0.7	1.5	13,835	13,936	13,775	14,717	-6.0
Material handling equipment.....	7,660	7,825	7,964	-2.1	-1.7	-0.9	7,659	7,718	7,798	9,071	-15.6
Computers and electronic products ²	122,623	122,795	123,183	-0.1	-0.3	-0.5	122,302	121,305	122,631	124,579	-1.8
Computers.....	4,707	4,508	4,228	4.4	6.6	1.0	4,707	4,508	4,228	4,090	15.1
Nondefense communications equipment.....	29,347	29,135	29,098	0.7	0.1	-0.6	28,980	28,823	29,431	28,362	2.2
Defense communications equipment.....	8,034	8,257	8,448	-2.7	-2.3	-1.0	8,031	8,008	8,308	8,392	-4.3
Semiconductors ²	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	11,145	10,932	10,545	1.9	3.7	0.9	10,958	10,897	10,627	10,080	8.7
Nondefense search and navigation equipment.....	7,657	7,715	7,770	-0.8	-0.7	-0.3	7,580	7,671	7,715	8,734	-13.2
Defense search and navigation equipment.....	35,402	35,951	36,802	-1.5	-2.3	-0.6	35,408	35,245	36,154	36,933	-4.1
Electromedical, measuring, and control instruments.....	26,331	26,297	26,292	0.1	0.0	-1.1	26,638	26,153	26,168	27,988	-4.8
Electrical equipment, appliances, and components.....	20,221	20,383	20,156	-0.8	1.1	0.7	19,468	20,039	19,982	21,599	-9.9
Electric lighting equipment.....	2,041	2,118	2,032	-3.6	4.2	3.9	1,870	2,008	2,005	2,020	-7.4
Household appliances.....	496	485	479	2.3	1.3	-3.8	392	490	493	333	17.7
Electrical equipment.....	12,881	12,892	12,822	-0.1	0.5	-0.3	12,558	12,909	12,835	14,297	-12.2
Transportation equipment.....	409,728	417,566	423,359	-1.9	-1.4	-0.6	413,580	410,514	416,714	467,835	-11.6
Motor vehicle bodies, parts, and trailers.....	13,969	14,032	14,225	-0.4	-1.4	1.9	13,972	13,781	13,926	15,649	-10.7
Nondefense aircraft and parts.....	270,463	276,178	279,245	-2.1	-1.1	-0.1	274,252	272,631	275,324	308,110	-11.0
Defense aircraft and parts.....	45,333	45,350	46,271	0.0	-2.0	-0.7	45,041	43,811	45,073	48,227	-6.6
Ships and boats.....	16,783	17,599	18,251	-4.6	-3.6	-3.7	16,608	16,809	17,628	22,944	-27.6
Furniture and related products.....	5,874	5,833	5,766	0.7	1.2	-0.7	5,410	5,931	5,938	5,787	-6.5

NA Not Available ^P Preliminary ^F Revised data due to late receipts and concurrent seasonal adjustment.

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

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

Table 4. Value of Manufacturers' Inventories for Industry Groups¹

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Dec. 09/08
	Dec. 2009 ^p	Nov. 2009 ^f	Oct. 2009	Nov. - Dec.	Oct. - Nov.	Sep. - Oct.	Dec. 2009 ^p	Nov. 2009 ^f	Oct. 2009	Dec. 2008	
All manufacturing industries.....	495,004	495,268	494,397	-0.1	0.2	0.4	482,064	496,716	497,429	528,015	-8.7
Excluding transportation.....	405,280	405,320	404,142	0.0	0.3	0.3	396,216	405,787	406,615	436,498	-9.2
Excluding defense.....	468,724	468,856	467,937	0.0	0.2	0.3	456,119	470,357	470,852	503,167	-9.4
With unfilled orders.....	244,485	244,858	245,161	-0.2	-0.1	-0.1	238,073	246,487	246,005	268,393	-11.3
Durable goods industries.....	302,806	303,298	304,023	-0.2	-0.2	-0.3	294,963	305,076	304,872	333,753	-11.6
Wood products.....	9,278	9,256	9,304	0.2	-0.5	-1.5	9,262	9,266	9,429	10,289	-10.0
Nonmetallic mineral products.....	10,621	10,691	10,905	-0.7	-2.0	-1.0	10,400	10,368	10,591	11,686	-11.0
Primary metals.....	25,815	25,536	25,365	1.1	0.7	-0.6	25,743	25,681	25,641	31,904	-19.3
Iron and steel mills.....	14,183	14,033	13,990	1.1	0.3	-0.4	14,201	14,227	14,319	18,781	-24.4
Aluminum and nonferrous metals.....	9,502	9,356	9,204	1.6	1.7	-0.2	9,401	9,298	9,169	10,388	-9.5
Ferrous metal foundries.....	2,130	2,147	2,171	-0.8	-1.1	-3.1	2,141	2,156	2,153	2,735	-21.7
Fabricated metal products.....	36,665	36,977	36,880	-0.8	0.3	-0.4	36,160	36,640	36,668	43,413	-16.7
Machinery.....	47,638	47,795	48,015	-0.3	-0.5	-0.9	46,343	48,101	47,706	53,470	-13.3
Farm machinery.....	2,694	2,713	2,798	-0.7	-3.0	-3.0	2,698	2,608	2,533	3,512	-23.2
Construction machinery.....	4,934	4,934	4,944	0.0	-0.2	-1.1	4,798	4,934	4,920	5,507	-12.9
Mining, oil field, and gas field machinery.....	4,467	4,481	4,488	-0.3	-0.2	-1.8	4,270	4,437	4,421	4,543	-6.0
Industrial machinery.....	6,099	6,041	6,086	1.0	-0.7	-0.9	5,903	6,131	5,979	6,590	-10.4
Photographic equipment.....	1,457	1,478	1,495	-1.4	-1.1	3.0	1,389	1,522	1,492	1,345	3.3
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,641	3,722	3,681	-2.2	1.1	-1.7	3,403	3,738	3,679	4,379	-22.3
Metalworking machinery.....	4,205	4,202	4,277	0.1	-1.8	-1.6	4,098	4,214	4,326	5,173	-20.8
Turbines, generators, and other power transmission equipment.....	5,062	5,122	5,088	-1.2	0.7	-0.3	4,862	5,355	5,229	5,838	-16.7
Material handling equipment.....	2,675	2,674	2,693	0.0	-0.7	-2.0	2,631	2,692	2,713	3,290	-20.0
Computers and electronic products ²	43,193	42,885	42,944	0.7	-0.1	-0.8	42,400	43,723	43,516	46,646	-9.1
Computers.....	1,114	1,137	1,115	-2.0	2.0	2.5	1,105	1,179	1,090	1,265	-12.6
Computer storage devices.....	1,217	1,144	1,158	6.4	-1.2	-2.6	1,147	1,201	1,191	1,451	-21.0
Other peripheral equipment.....	1,848	1,828	1,840	1.1	-0.7	-1.2	1,726	1,889	1,882	2,153	-19.8
Nondefense communications equipment.....	7,103	6,769	6,830	4.9	-0.9	-2.2	7,062	7,048	6,893	8,347	-15.4
Defense communications equipment.....	2,272	2,303	2,313	-1.3	-0.4	-1.5	2,272	2,303	2,313	1,798	26.4
Audio and video equipment.....	391	510	617	-23.3	-17.3	-15.9	396	580	707	860	-54.0
Semiconductors ²	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	6,198	6,077	5,980	2.0	1.6	-0.8	6,024	6,192	6,089	6,275	-4.0
Nondefense search and navigation equipment.....	4,956	4,948	4,845	0.2	2.1	0.8	4,855	4,926	4,945	4,865	-0.2
Defense search and navigation equipment.....	3,693	3,579	3,594	3.2	-0.4	2.0	3,638	3,574	3,636	3,550	2.5
Electromedical, measuring and control instruments.....	10,057	10,230	10,295	-1.7	-0.6	-1.0	9,870	10,438	10,398	10,688	-7.7
Electrical equipment, appliances, and components.....	12,077	12,143	12,203	-0.5	-0.5	-1.4	11,709	12,043	12,124	14,248	-17.8
Electric lighting equipment.....	1,431	1,430	1,438	0.1	-0.6	-1.5	1,367	1,403	1,400	1,623	-15.8
Household appliances.....	1,970	1,908	1,928	3.2	-1.0	-2.2	1,748	1,860	1,969	1,763	-0.9
Electrical equipment.....	3,875	3,836	3,834	1.0	0.1	-1.0	3,950	3,850	3,794	5,124	-22.9
Batteries.....	629	638	649	-1.4	-1.7	-7.8	575	607	644	710	-19.0
Transportation equipment.....	89,724	89,948	90,255	-0.2	-0.3	0.8	85,848	90,929	90,814	91,517	-6.2
Automobiles.....	1,960	1,886	1,804	3.9	4.5	2.9	1,759	1,893	1,769	2,233	-21.2
Light trucks and utility vehicles.....	1,631	1,596	1,570	2.2	1.7	-3.1	1,477	1,687	1,647	1,923	-23.2
Heavy duty trucks.....	1,612	1,529	1,469	5.4	4.1	3.9	1,545	1,547	1,531	1,527	1.2
Motor vehicle bodies, parts, and trailers.....	13,288	13,247	13,230	0.3	0.1	-1.2	13,014	13,289	13,217	14,904	-12.7
Nondefense aircraft and parts.....	45,223	45,233	45,470	0.0	-0.5	1.0	42,727	46,103	45,759	45,580	-6.3
Defense aircraft and parts.....	15,370	15,620	15,889	-1.6	-1.7	3.0	15,086	15,530	16,006	14,373	5.0
Ships and boats.....	2,645	2,677	2,656	-1.2	0.8	4.1	2,635	2,694	2,637	2,719	-3.1
Furniture and related products.....	6,059	6,108	6,147	-0.8	-0.6	-1.0	5,927	6,142	6,120	7,396	-19.9
Miscellaneous durable goods.....	21,736	21,959	22,005	-1.0	-0.2	-0.7	21,171	22,183	22,263	23,184	-8.7
Nondurable goods industries.....	192,198	191,970	190,374	0.1	0.8	1.5	187,101	191,640	192,557	194,262	-3.7
Food products.....	36,162	35,865	35,346	0.8	1.5	1.7	35,988	37,129	37,468	36,442	-1.2
Grain and oilseed milling.....	4,764	4,626	4,463	3.0	3.7	7.3	4,835	4,773	4,798	4,628	4.5
Dairy products.....	4,400	4,340	4,275	1.4	1.5	0.9	4,079	4,158	4,245	4,128	-1.2
Meat, poultry, and seafood products.....	7,142	7,134	6,978	0.1	2.2	3.4	6,988	7,311	7,129	7,218	-3.2
Beverage and tobacco products.....	15,570	15,500	15,531	0.5	-0.2	0.6	15,470	15,751	16,081	15,174	2.0
Beverages.....	11,472	11,428	11,500	0.4	-0.6	0.5	11,273	11,609	12,006	11,211	0.6
Tobacco.....	4,098	4,072	4,031	0.6	1.0	0.6	4,197	4,142	4,075	3,963	5.9
Textile mills.....	2,883	2,955	3,009	-2.4	-1.8	0.8	2,889	2,975	3,008	3,622	-20.2
Textile products.....	2,671	2,677	2,679	-0.2	-0.1	-0.4	2,609	2,667	2,704	3,114	-16.2
Apparel.....	3,464	3,507	3,564	-1.2	-1.6	-2.4	3,314	3,344	3,582	4,082	-18.8
Leather and allied products.....	956	951	956	0.5	-0.5	-3.5	930	934	938	1,035	-10.1
Paper products.....	13,445	13,528	13,544	-0.6	-0.1	-1.3	13,385	13,574	13,450	14,830	-9.7
Pulp, paper, and paperboard mills.....	5,755	5,850	5,909	-1.6	-1.0	-1.9	5,785	5,881	5,804	6,422	-9.9
Paperboard containers.....	3,632	3,709	3,705	-2.1	0.1	-1.1	3,635	3,664	3,640	4,235	-14.2
Printing.....	5,561	5,588	5,564	-0.5	0.4	0.2	5,286	5,662	5,811	6,586	-19.7
Petroleum and coal products.....	31,218	30,025	28,488	4.0	5.4	9.4	28,463	28,544	28,419	23,568	20.8
Petroleum refineries.....	29,084	27,919	26,402	4.2	5.7	10.2	26,418	26,484	26,354	20,945	26.1
Chemical products.....	61,914	62,690	62,888	-1.2	-0.3	0.1	60,538	62,351	62,343	64,958	-6.8
Pesticides, fertilizers, and other agricultural chemicals.....	3,158	3,171	3,124	-0.4	1.5	-1.2	3,350	3,235	2,956	3,563	-6.0
Pharmaceuticals and medicines.....	23,035	23,702	24,156	-2.8	-1.9	0.2	22,003	23,591	24,085	23,889	-7.9
Paints, coatings, and adhesives.....	2,877	2,879	2,896	-0.1	-0.6	-0.1	2,718	2,758	2,805	2,903	-6.4
Plastics and rubber products.....	18,354	18,684	18,805	-1.8	-0.6	-0.3	18,229	18,709	18,753	20,851	-12.6

NA Not Available ^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 Inventories for semiconductor industry data are included in computers and electronic products and total durable goods industries, 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						Percent Change ⁶ 2009/ 2008
	Monthly			Percent Change			Monthly			Year to date			
	Dec. 2009 ^p	Nov. 2009 ^r	Oct. 2009	Nov. - Dec.	Oct. - Nov.	Sep. - Oct.	Dec. 2009 ^p	Nov. 2009 ^r	Oct. 2009	Dec. 2008	2009 ^p	2008	
SHIPMENTS													
All manufacturing industries	383,087	376,048	370,294	1.9	1.6	0.9	379,241	366,265	383,460	368,574	4,375,927	5,183,142	-15.6
Construction materials and supplies.....	37,590	37,812	37,724	-0.6	0.2	-0.4	33,877	35,647	39,949	35,458	455,373	520,076	-12.4
Information technology.....	25,064	25,691	25,554	-2.4	0.5	3.2	29,417	25,589	25,103	29,841	297,460	320,586	-7.2
Computers and related products	4,609	4,592	4,481	0.4	2.5	4.0	6,206	4,332	4,470	6,139	53,160	59,647	-10.9
Motor vehicle and parts.....	25,410	24,539	23,879	3.5	2.8	-0.7	23,767	24,041	26,453	25,121	289,873	387,025	-25.1
Capital goods.....	69,849	68,155	67,780	2.5	0.6	-1.5	76,775	66,194	66,737	79,519	812,831	907,439	-10.4
Nondefense capital goods ³	59,510	57,427	56,817	3.6	1.1	-1.2	65,958	55,019	55,867	70,538	687,531	800,133	-14.1
Excluding aircraft.....	54,682	53,547	52,693	2.1	1.6	0.5	59,137	51,018	52,459	64,587	636,692	748,842	-15.0
Defense capital goods ⁴	10,339	10,728	10,963	-3.6	-2.1	-3.2	10,817	11,175	10,870	8,981	125,300	107,306	16.8
Consumer goods.....	155,535	152,835	149,527	1.8	2.2	2.3	154,046	151,879	156,118	141,698	1,748,114	2,120,604	-17.6
Consumer durable goods.....	21,999	21,665	21,263	1.5	1.9	0.6	22,472	21,673	22,896	25,189	263,234	354,114	-25.7
Consumer nondurable goods.....	133,536	131,170	128,264	1.8	2.3	2.6	131,574	130,206	133,222	116,509	1,484,880	1,766,490	-15.9
NEW ORDERS													
All manufacturing industries ⁵	370,366	366,688	363,047	1.0	1.0	0.8	378,270	354,363	372,093	366,003	4,245,926	5,152,120	-17.6
Construction materials and supplies.....	38,093	38,682	38,056	-1.5	1.6	-1.1	33,864	35,836	39,896	33,322	453,299	519,892	-12.8
Information technology.....	24,586	24,986	24,904	-1.6	0.3	1.1	30,298	23,945	24,353	30,892	293,881	323,407	-9.1
Computers and related products	4,808	4,872	4,523	-1.3	7.7	0.0	6,405	4,612	4,512	6,092	53,777	60,020	-10.4
Motor vehicle and parts.....	25,347	24,346	24,141	4.1	0.8	0.8	23,958	23,896	26,717	24,873	288,196	384,109	-25.0
Capital goods.....	62,474	62,093	64,128	0.6	-3.2	-1.5	80,051	58,901	61,758	85,789	742,334	945,917	-21.5
Nondefense capital goods ³	54,219	53,808	55,458	0.8	-3.0	2.0	66,973	51,198	53,477	68,092	629,686	829,588	-24.1
Excluding aircraft.....	54,780	53,579	51,920	2.2	3.2	-1.8	58,634	50,017	52,168	58,742	615,252	753,240	-18.3
Defense capital goods ⁴	8,255	8,285	8,670	-0.4	-4.4	-19.2	13,078	7,703	8,281	17,697	112,648	116,329	-3.2
Consumer goods.....	155,797	153,145	149,574	1.7	2.4	2.3	154,030	152,186	156,211	141,434	1,748,161	2,119,437	-17.5
Consumer durable goods.....	22,261	21,975	21,310	1.3	3.1	0.5	22,456	21,980	22,989	24,925	263,281	352,947	-25.4
Consumer nondurable goods.....	133,536	131,170	128,264	1.8	2.3	2.6	131,574	130,206	133,222	116,509	1,484,880	1,766,490	-15.9
UNFILLED ORDERS													
All manufacturing industries ⁵	716,692	724,054	729,336	-1.0	-0.7	-0.4	716,239	712,984	720,989	798,753	(X)	(X)	-10.3
Construction materials and supplies.....	49,370	48,867	47,997	1.0	1.8	0.7	48,310	48,323	48,134	50,384	(X)	(X)	-4.1
Information technology.....	118,033	118,511	119,216	-0.4	-0.6	-0.5	117,666	116,785	118,429	121,245	(X)	(X)	-3.0
Computers and related products	4,707	4,508	4,228	4.4	6.6	1.0	4,707	4,508	4,228	4,090	(X)	(X)	15.1
Motor vehicle and parts.....	13,969	14,032	14,225	-0.4	-1.4	1.9	13,972	13,781	13,926	15,649	(X)	(X)	-10.7
Capital goods.....	541,192	548,567	554,629	-1.3	-1.1	-0.7	543,438	540,162	547,455	613,935	(X)	(X)	-11.5
Nondefense capital goods ³	408,471	413,762	417,381	-1.3	-0.9	-0.3	410,425	409,410	413,231	468,270	(X)	(X)	-12.4
Excluding aircraft.....	173,997	173,899	173,867	0.1	0.0	-0.4	171,742	172,245	173,246	193,182	(X)	(X)	-11.1
Defense capital goods ⁴	132,721	134,805	137,248	-1.5	-1.8	-1.6	133,013	130,752	134,224	145,665	(X)	(X)	-8.7
Consumer goods.....	8,284	8,022	7,712	3.3	4.0	0.6	8,044	8,060	7,753	7,997	(X)	(X)	0.6
Consumer durable goods.....	8,284	8,022	7,712	3.3	4.0	0.6	8,044	8,060	7,753	7,997	(X)	(X)	0.6
TOTAL INVENTORIES													
All manufacturing industries	495,004	495,268	494,397	-0.1	0.2	0.4	482,064	496,716	497,429	528,015	(X)	(X)	-8.7
Construction materials and supplies.....	50,643	51,050	51,161	-0.8	-0.2	-0.6	49,708	50,468	50,864	58,638	(X)	(X)	-15.2
Information technology.....	38,633	38,617	38,822	0.0	-0.5	-0.8	37,870	39,348	39,243	41,777	(X)	(X)	-9.4
Computers and related products	4,179	4,109	4,113	1.7	-0.1	-0.7	3,978	4,269	4,163	4,869	(X)	(X)	-18.3
Motor vehicle and parts.....	18,491	18,258	18,073	1.3	1.0	-0.6	17,795	18,416	18,164	20,587	(X)	(X)	-13.6
Capital goods.....	151,640	152,505	152,813	-0.6	-0.2	0.2	147,057	154,406	153,171	161,853	(X)	(X)	-9.1
Nondefense capital goods ³	131,768	132,266	132,496	-0.4	-0.2	-0.2	127,236	134,130	132,854	142,419	(X)	(X)	-10.7
Excluding aircraft.....	96,023	96,137	96,475	-0.1	-0.4	-0.9	93,660	97,276	96,743	106,416	(X)	(X)	-12.0
Defense capital goods ⁴	19,872	20,239	20,317	-1.8	-0.4	2.6	19,821	20,276	20,317	19,434	(X)	(X)	2.0
Consumer goods.....	145,098	144,195	142,805	0.6	1.0	1.8	139,924	144,356	145,650	143,554	(X)	(X)	-2.5
Consumer durable goods.....	23,216	23,166	23,288	0.2	-0.5	-1.7	22,308	23,426	23,567	26,970	(X)	(X)	-17.3
Consumer nondurable goods.....	121,882	121,029	119,517	0.7	1.3	2.5	117,616	120,930	122,083	116,584	(X)	(X)	0.9

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

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

² Topical series are regroupings of the separate industry categories.

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

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

⁵ Estimates and percent changes exclude semiconductor industry data.

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

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

Table 6. Value of Manufacturers' Inventories, by Stage of Fabrication, by Industry Group¹

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Dec. 09/08
	Dec. 2009 ^p	Nov. 2009 ^f	Oct. 2009	Nov. - Dec.	Oct. - Nov.	Sep. - Oct.	Dec. 2009 ^p	Nov. 2009 ^f	Oct. 2009	Dec. 2008	
MATERIALS AND SUPPLIES											
All manufacturing industries.....	167,171	166,146	165,709	0.6	0.3	-0.2	165,925	166,122	166,558	182,664	-9.2
Durable goods industries.....	99,920	100,059	101,161	-0.1	-1.1	-1.2	99,645	100,860	101,748	115,442	-13.7
Wood products.....	3,612	3,614	3,642	-0.1	-0.8	-2.9	3,808	3,805	3,879	4,505	-15.5
Nonmetallic mineral products.....	4,360	4,324	4,445	0.8	-2.7	-2.6	4,341	4,287	4,445	4,602	-5.7
Primary metals.....	10,670	10,872	11,089	-1.9	-2.0	-0.9	10,889	11,051	11,290	14,786	-26.4
Fabricated metal products.....	13,402	13,394	13,528	0.1	-1.0	-1.7	13,636	13,360	13,552	16,826	-19.0
Machinery.....	18,677	18,907	18,955	-1.2	-0.3	-1.7	18,291	18,980	18,976	20,683	-11.6
Computers and electronic products.....	12,921	13,164	13,668	-1.8	-3.7	-0.8	12,898	13,403	13,820	15,217	-15.2
Electrical equipment, appliances, and components.....	4,577	4,581	4,585	-0.1	-0.1	-0.8	4,566	4,538	4,518	5,789	-21.1
Transportation equipment.....	21,401	20,881	20,905	2.5	-0.1	-0.7	21,064	21,102	20,930	21,908	-3.9
Furniture and related products.....	3,062	3,020	3,029	1.4	-0.3	0.1	3,037	3,020	2,999	3,613	-15.9
Miscellaneous products.....	7,238	7,302	7,315	-0.9	-0.2	-0.3	7,115	7,314	7,339	7,513	-5.3
Nondurable goods industries.....	67,251	66,087	64,548	1.8	2.4	1.4	66,280	65,262	64,810	67,222	-1.4
Food products.....	13,949	13,471	13,245	3.5	1.7	3.2	13,991	13,658	13,790	13,484	3.8
Beverage and tobacco products.....	4,565	4,558	4,524	0.2	0.8	3.0	4,710	4,598	4,543	4,555	3.4
Textiles.....	916	923	942	-0.8	-2.0	-0.2	925	921	938	1,111	-16.7
Textile products.....	1,024	1,029	1,038	-0.5	-0.9	0.2	1,012	1,027	1,052	1,220	-17.0
Apparel.....	901	909	919	-0.9	-1.1	-0.3	909	881	900	1,037	-12.3
Leather and allied products.....	361	356	365	1.4	-2.5	-3.4	358	348	364	355	0.8
Paper products.....	6,587	6,603	6,654	-0.2	-0.8	-2.2	6,628	6,651	6,652	7,164	-7.5
Printing.....	2,539	2,554	2,503	-0.6	2.0	1.6	2,476	2,560	2,521	3,195	-22.5
Petroleum and coal products.....	9,527	8,920	8,160	6.8	9.3	8.2	8,667	8,135	7,975	7,054	22.9
Chemical products.....	19,315	19,125	18,631	1.0	2.7	-0.9	18,996	18,859	18,500	19,657	-3.4
Plastics and rubber products.....	7,567	7,639	7,567	-0.9	1.0	0.6	7,608	7,624	7,575	8,390	-9.3
WORK IN PROCESS											
All manufacturing industries.....	160,553	160,146	159,036	0.3	0.7	1.0	155,052	161,961	161,042	161,259	-3.8
Durable goods industries.....	121,795	121,704	120,971	0.1	0.6	0.6	117,417	122,937	121,901	125,734	-6.6
Wood products.....	1,712	1,660	1,694	3.1	-2.0	0.0	1,688	1,666	1,702	1,792	-5.8
Nonmetallic mineral products.....	1,288	1,321	1,348	-2.5	-2.0	-0.1	1,209	1,234	1,284	1,331	-9.2
Primary metals.....	7,585	7,429	7,293	2.1	1.9	-4.1	7,274	7,512	7,386	8,794	-17.3
Fabricated metal products.....	11,543	11,833	11,566	-2.5	2.3	1.4	11,274	11,811	11,565	13,031	-13.5
Machinery.....	13,578	13,387	13,514	1.4	-0.9	0.0	12,955	13,700	13,611	14,984	-13.5
Computers and electronic products.....	21,542	20,956	20,451	2.8	2.5	-0.7	21,040	21,360	20,726	21,282	-1.1
Electrical equipment, appliances, and components.....	2,371	2,487	2,495	-4.7	-0.3	-0.8	2,290	2,497	2,494	2,916	-21.5
Transportation equipment.....	57,929	58,435	58,492	-0.9	-0.1	1.7	55,603	58,933	58,968	57,125	-2.7
Furniture and related products.....	1,055	1,085	1,075	-2.8	0.9	-2.3	1,047	1,085	1,064	1,220	-14.2
Miscellaneous products.....	3,192	3,111	3,043	2.6	2.2	0.0	3,037	3,139	3,101	3,259	-6.8
Nondurable goods industries.....	38,758	38,442	38,065	0.8	1.0	2.4	37,635	39,024	39,141	35,525	5.9
Food products.....	2,395	2,385	2,299	0.4	3.7	6.1	2,643	2,897	2,931	2,482	6.5
Beverage and tobacco products.....	4,537	4,502	4,531	0.8	-0.6	1.1	4,800	4,822	4,879	4,500	6.7
Textiles.....	662	675	668	-1.9	1.0	0.1	647	685	674	805	-19.6
Textile products.....	344	337	331	2.1	1.8	-3.2	326	340	336	372	-12.4
Apparel.....	518	527	528	-1.7	-0.2	-1.3	490	519	529	588	-16.7
Leather and allied products.....	90	86	85	4.7	1.2	-1.2	87	83	82	104	-16.3
Paper products.....	1,249	1,259	1,247	-0.8	1.0	1.1	1,249	1,248	1,223	1,425	-12.4
Printing.....	1,386	1,419	1,441	-2.3	-1.5	0.1	1,273	1,493	1,609	1,586	-19.7
Petroleum and coal products.....	9,886	9,418	8,919	5.0	5.6	5.4	9,064	9,038	8,968	6,002	51.0
Chemical products.....	15,507	15,611	15,755	-0.7	-0.9	1.8	14,914	15,681	15,659	15,332	-2.7
Plastics and rubber products.....	2,184	2,223	2,261	-1.8	-1.7	-0.7	2,142	2,218	2,251	2,329	-8.0
FINISHED GOODS											
All manufacturing industries.....	167,280	168,976	169,652	-1.0	-0.4	0.3	161,087	168,633	169,829	184,092	-12.5
Durable goods industries.....	81,091	81,535	81,891	-0.5	-0.4	-0.6	77,901	81,279	81,223	92,577	-15.9
Wood products.....	3,954	3,982	3,968	-0.7	0.4	-0.8	3,766	3,795	3,848	3,992	-5.7
Nonmetallic mineral products.....	4,973	5,046	5,112	-1.4	-1.3	0.2	4,850	4,847	4,862	5,753	-15.7
Primary metals.....	7,560	7,235	6,983	4.5	3.6	3.9	7,580	7,118	6,965	8,324	-8.9
Fabricated metal products.....	11,720	11,750	11,786	-0.3	-0.3	-0.6	11,250	11,469	11,551	13,556	-17.0
Machinery.....	15,383	15,501	15,546	-0.8	-0.3	-0.7	15,097	15,421	15,119	17,803	-15.2
Computers and electronic products.....	8,730	8,765	8,825	-0.4	-0.7	-1.1	8,462	8,960	8,970	10,147	-16.6
Electrical equipment, appliances, and components.....	5,129	5,075	5,123	1.1	-0.9	-2.2	4,853	5,008	5,112	5,543	-12.4
Transportation equipment.....	10,394	10,632	10,858	-2.2	-2.1	-1.5	9,181	10,894	10,916	12,484	-26.5
Furniture and related products.....	1,942	2,003	2,043	-3.0	-2.0	-2.0	1,843	2,037	2,057	2,563	-28.1
Miscellaneous products.....	11,306	11,546	11,647	-2.1	-0.9	-1.1	11,019	11,730	11,823	12,412	-11.2
Nondurable goods industries.....	86,189	87,441	87,761	-1.4	-0.4	1.2	83,186	87,354	88,606	91,515	-9.1
Food products.....	19,818	20,009	19,802	-1.0	1.0	0.2	19,354	20,574	20,747	20,476	-5.5
Beverage and tobacco products.....	6,468	6,440	6,476	0.4	-0.6	-1.5	5,960	6,331	6,659	6,119	-2.6
Textiles.....	1,305	1,357	1,399	-3.8	-3.0	1.9	1,317	1,369	1,396	1,706	-22.8
Textile products.....	1,303	1,311	1,310	-0.6	0.1	-0.2	1,271	1,300	1,316	1,522	-16.5
Apparel.....	2,045	2,071	2,117	-1.3	-2.2	-3.5	1,915	1,944	2,153	2,457	-22.1
Leather and allied products.....	505	509	506	-0.8	0.6	-4.0	485	503	492	576	-15.8
Paper products.....	5,609	5,666	5,643	-1.0	0.4	-0.8	5,508	5,675	5,575	6,241	-11.7
Printing.....	1,636	1,615	1,620	1.3	-0.3	-1.9	1,537	1,609	1,681	1,805	-14.8
Petroleum and coal products.....	11,805	11,687	11,409	1.0	2.4	13.7	10,732	11,371	11,476	10,512	2.1
Chemical products.....	27,092	27,954	28,502	-3.1	-1.9	-0.1	26,628	27,811	28,184	29,969	-11.1
Plastics and rubber products.....	8,603	8,822	8,977	-2.5	-1.7	-1.0	8,479	8,867	8,927	10,132	-16.3

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

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

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			
	Dec 2009 ^P	Nov 2009 ^F	Oct 2009	Sep 2009	Dec 2009 ^P	Nov 2009 ^F	Oct 2009	Sep 2009
All manufacturing industries ²	1.29	1.32	1.34	1.34	(X)	(X)	(X)	(X)
Durable goods industries ²	1.67	1.72	1.73	1.74	5.46	5.65	5.75	5.75
Wood products.....	1.22	1.22	1.22	1.24	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.43	1.44	1.50	1.47	(X)	(X)	(X)	(X)
Primary metals.....	1.59	1.68	1.74	1.84	0.95	1.00	1.05	1.08
Fabricated metal products.....	1.52	1.53	1.53	1.55	2.11	2.11	2.10	2.12
Machinery.....	1.99	2.10	2.17	2.14	4.14	4.36	4.49	4.39
Computers and electronic products ²	1.40	1.42	1.41	1.51	5.41	5.31	5.36	5.56
Electrical equipment, appliances, and components.....	1.40	1.42	1.46	1.50	2.57	2.61	2.68	2.67
Transportation equipment.....	1.96	2.05	2.06	1.97	11.86	12.52	12.62	12.05
Furniture and related products.....	1.20	1.22	1.23	1.24	1.36	1.36	1.34	1.35
Miscellaneous products.....	1.80	1.83	1.81	1.85	(X)	(X)	(X)	(X)
Nondurable goods industries.....	0.95	0.96	0.98	0.98	(X)	(X)	(X)	(X)
Food products.....	0.71	0.71	0.70	0.70	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.39	1.41	1.39	1.39	(X)	(X)	(X)	(X)
Textiles.....	1.24	1.25	1.31	1.29	(X)	(X)	(X)	(X)
Textile products.....	1.48	1.51	1.54	1.54	(X)	(X)	(X)	(X)
Apparel.....	1.62	1.63	1.66	1.77	(X)	(X)	(X)	(X)
Leather and allied products.....	2.36	2.35	2.37	2.40	(X)	(X)	(X)	(X)
Paper products.....	1.04	1.05	1.06	1.08	(X)	(X)	(X)	(X)
Printing.....	0.78	0.78	0.79	0.77	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.70	0.69	0.70	0.68	(X)	(X)	(X)	(X)
Chemical products.....	1.19	1.21	1.23	1.22	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.17	1.19	1.22	1.23	(X)	(X)	(X)	(X)

X Not Applicable ^P Preliminary ^F 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	
	Dec ¹ 2009	Dec ² 2008- Nov 2009	Dec ¹ 2009	Dec ² 2008- Nov 2009	Dec ¹ 2009	Dec ² 2008- Nov 2009	Dec ¹ 2009	Dec ² 2008- Nov 2009
	All manufacturing industries.....	(X)	0.4	(X)	0.6	(X)	0.1	(X)
Durable goods industries.....	-0.1	0.5	0.7	1.0	0.2	0.1	0.0	0.2
Wood products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.6
Nonmetallic mineral products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.2
Primary metals.....	0.1	1.0	0.1	2.0	0.0	0.8	-0.1	0.4
Fabricated metal products.....	-0.1	0.6	-0.5	1.2	-0.2	0.4	0.2	0.4
Machinery.....	-0.2	0.8	0.6	2.6	0.2	0.4	0.0	0.4
Computers and electronic products.....	-0.2	0.8	1.6	1.1	0.3	0.1	0.5	0.3
Electrical equipment, appliances, and components.....	-0.1	0.6	0.1	1.3	0.0	0.4	0.0	0.5
Transportation equipment.....	-0.1	0.5	1.5	0.8	0.2	0.1	0.0	0.2
Furniture and related products.....	(X)	0.8	(X)	1.6	(X)	0.8	(X)	0.4
Miscellaneous products.....	(X)	0.5	(X)	0.6	(X)	0.6	(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)	0.4
Beverage and tobacco products.....	(X)	1.0	(X)	(NA)	(X)	(NA)	(X)	0.4
Textiles.....	(X)	1.3	(X)	(NA)	(X)	(NA)	(X)	0.8
Textile products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.2
Apparel.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.4
Leather and allied products.....	(X)	1.7	(X)	(NA)	(X)	(NA)	(X)	1.2
Paper products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.6
Printing.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	1.2
Petroleum and coal products.....	(X)	1.1	(X)	(NA)	(X)	(NA)	(X)	1.9
Chemical products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Plastics and rubber products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.5

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 59 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 61 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>.

BENCHMARK NOTICE

Revised historical data for Manufacturers' Shipments, Inventories, and Orders will be issued on May 14, 2010. These revisions reflect:

- benchmarking the shipments and inventory data to the 2007 Economic Census and the 2008 Annual Survey of Manufactures (ASM) data;
- adjusting new orders and order backlog to be consistent with the benchmarked shipments and inventory data;
- correcting monthly data for late receipts, reclassifications of reported data, and revisions to previously reported data; and
- updating the seasonal adjustment factors for all series.

As of the Benchmark release, shipments for the semiconductor industry will no longer be shown separately, but will be included in the computers and electronic products, and all other applicable aggregate totals. An accompanying press release will include the revised 2010 January through March data. Please call Chris Savage on (301)763-4832 with any questions.

2010 Release Dates for M3 Survey

Survey Month	Advance 8:30 A.M.	Preliminary 10:00 A.M.
December 2009	Jan. 28, 2010	Feb. 4, 2010
January 2010	Feb. 25, 2010	Mar. 4, 2010
February 2010	Mar. 24, 2010	Mar. 31, 2010
March 2010	Apr. 23, 2010	May 4, 2010
April 2010	May 26, 2010	Jun. 3, 2010
May 2010	Jun. 24, 2010	Jul. 2, 2010
June 2010	Jul. 28, 2010	Aug. 3, 2010
July 2010	Aug. 25, 2010	Sep. 2, 2010
August 2010	Sep. 24, 2010	Oct. 4, 2010
September 2010	Oct. 27, 2010	Nov. 3, 2010
October 2010	Nov. 24, 2010	Dec. 3, 2010
November 2010	Dec. 23, 2010	