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SPECIAL RELEASE November 2009 Updated Manufacturers' Shipments, Inventories and Orders

The Census Bureau identified a processing error that occurred when revising historic seasonally adjusted data for the November (data month) releases. This report reflects the corrected data, as revised on January 15, 2010.

Summary

New orders for manufactured goods in November, up three consecutive months, increased \$2.2 billion or 0.6 percent to \$365.3 billion, the U.S. Census Bureau reported today. This followed a 0.8 percent October increase. Excluding transportation, new orders increased 1.7 percent.

Shipments, up three consecutive months, increased \$3.9 billion or 1.0 percent to \$374.2 billion. This followed a 0.9 percent October increase.

Unfilled orders, down fourteen consecutive months, decreased \$4.8 billion or 0.7 percent to \$724.5 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 0.4 percent October decrease. The unfilled orders-to-shipments ratio was 5.69, down from 5.75 in October.

Inventories, up two consecutive months, increased \$0.7 billion or 0.2 percent to \$495.1 billion. This followed a 0.4 percent October increase. The inventories-to-shipments ratio was 1.32, down from 1.34 in October.

New Orders

New orders for manufactured durable goods in November, down two consecutive months, decreased \$1.2 billion or 0.7 percent to \$166.9 billion. This followed a 0.1 percent October decrease.

Transportation equipment, down following two consecutive monthly increases, had the largest decrease, \$3.1 billion or 7.6 percent to \$38.3 billion.

New orders for manufactured nondurable goods increased \$3.5 billion or 1.8 percent to \$198.4 billion.

Shipments

Shipments of manufactured durable goods in November, up three consecutive months, increased \$0.4 billion or 0.2 percent to \$175.7 billion. This followed a 0.2 percent October increase.

Machinery, up two of the last three months, had the largest increase, \$0.4 billion or 2.0 percent to \$22.6 billion.

Shipments of manufactured nondurable goods, up four consecutive months, increased \$3.5 billion or 1.8 percent to \$198.4 billion. This followed a 1.6 percent October increase. This increase was led by petroleum and coal products, which increased \$2.8 billion or 6.8 percent to \$43.2 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in November, down fourteen consecutive months, decreased \$4.8 billion or 0.7 percent to \$724.5 billion. This was the longest streak of consecutive monthly decreases since the series was first published on a NAICS basis in 1992 and followed a 0.4 percent October decrease.

Transportation equipment, down four consecutive months, had the largest decrease, \$5.3 billion or 1.2 percent to \$418.1 billion.

Inventories

Inventories of manufactured durable goods in November, down eleven consecutive months, decreased \$0.9 billion or 0.3 percent to \$303.1 billion. This followed a 0.3 percent October decrease.

Transportation equipment, down three of the last four months, had the largest decrease, \$0.3 billion or 0.4 percent to \$89.9 billion.

Inventories of manufactured nondurable goods, up two consecutive months, increased \$1.6 billion or 0.9 percent to \$192.0 billion. This followed a 1.5 percent October increase. Petroleum and coal products led the increase, up \$1.2 billion or 4.2 percent to \$29.7 billion.

By stage of fabrication, November materials and supplies decreased 0.9 percent in durable goods and increased 2.0 percent in nondurable goods. Work in process increased 0.2 percent in durable goods and 1.1 percent in nondurable goods. Finished goods decreased 0.4 percent in durable goods and 0.1 percent in nondurable goods.

Figures in text are adjusted for seasonality but not for inflation. This release incorporates results from the annual seasonal adjustment review. 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>. See back page for survey description 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			
	Nov. 2009 ^p	Oct. 2009	Sept. 2009 ^f	Oct. - Nov.	Sept. - Oct. ^f	Aug. - Sept. ^f	Nov. 2009 ^p	Oct. 2009	Sept. 2009	Nov. 2008	2009 ^p	2008	Percent 2009/2008
All manufacturing industries.....	374,174	370,294	366,882	1.0	0.9	1.3	365,512	383,460	384,758	372,138	3,995,933	4,814,568	-17.0
Excluding transportation.....	330,638	326,525	321,332	1.3	1.6	0.5	321,940	338,174	335,716	327,781	3,515,915	4,242,876	-17.1
Excluding defense.....	360,356	356,120	352,293	1.2	1.1	1.1	351,445	369,350	369,130	359,884	3,848,194	4,687,093	-17.9
With unfilled orders.....	127,363	126,753	127,385	0.5	-0.5	2.7	123,475	129,007	137,502	130,637	1,379,622	1,652,057	-16.5
Durable goods industries.....	175,747	175,345	174,914	0.2	0.2	1.5	170,468	181,561	187,457	181,580	1,912,472	2,304,241	-17.0
Wood products.....	7,631	7,596	7,595	0.5	0.0	1.1	7,178	7,987	8,198	7,210	82,976	89,958	-7.8
Nonmetallic mineral products.....	7,353	7,255	7,471	1.4	-2.9	-0.5	7,079	7,969	8,125	7,798	83,523	102,145	-18.2
Primary metals.....	14,993	14,557	13,855	3.0	5.1	2.1	13,946	15,349	14,765	15,928	150,638	241,680	-37.7
Iron and steel mills.....	6,252	5,955	5,600	5.0	6.3	4.9	5,763	6,358	6,165	7,531	61,408	123,542	-50.3
Aluminum and nonferrous metals.....	7,483	7,353	7,017	1.8	4.8	-0.1	7,049	7,717	7,253	6,933	75,679	97,851	-22.7
Ferrous metal foundries.....	1,258	1,249	1,238	0.7	0.9	3.0	1,134	1,274	1,347	1,464	13,551	20,287	-33.2
Fabricated metal products.....	24,129	24,073	23,880	0.2	0.8	0.4	23,000	25,236	25,361	25,034	266,082	306,798	-13.3
Machinery.....	22,559	22,121	22,683	2.0	-2.5	2.0	20,828	22,261	23,398	25,441	253,076	318,860	-20.6
Farm machinery.....	2,130	2,142	2,235	-0.6	-4.2	3.7	1,640	2,003	2,150	1,944	25,679	26,858	-4.4
Construction machinery.....	1,437	1,431	1,387	0.4	3.2	7.3	1,324	1,529	1,388	2,191	16,297	26,609	-38.8
Mining, oil field, and gas field machinery.....	1,272	1,284	1,295	-0.9	-0.8	1.5	1,273	1,368	1,356	1,708	15,108	17,464	-13.5
Industrial machinery.....	2,198	1,898	2,094	15.8	-9.4	2.7	1,894	1,996	2,231	2,230	23,735	31,559	-24.8
Photographic equipment.....	562	554	577	1.4	-4.0	-4.0	610	600	646	561	6,056	5,979	1.3
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,221	3,239	3,210	-0.6	0.9	-2.8	2,978	3,100	3,532	3,105	36,686	43,344	-15.4
Metalworking machinery.....	1,639	1,570	1,590	4.4	-1.3	4.9	1,558	1,661	1,702	2,105	18,096	26,480	-31.7
Turbines, generators, and other power transmission equipment.....	2,781	2,878	3,090	-3.4	-6.9	4.8	2,718	2,910	3,017	3,723	32,493	41,555	-21.8
Material handling equipment.....	1,684	1,652	1,562	1.9	5.8	-2.8	1,597	1,653	1,583	2,118	17,606	27,248	-35.4
Computers and electronic products.....	29,998	30,481	28,655	-1.6	6.4	-3.1	29,515	31,378	31,948	28,637	314,009	345,018	-9.0
Computers.....	2,523	2,443	2,425	3.3	0.7	0.9	2,524	2,832	2,347	2,146	27,440	32,535	-15.7
Computer storage devices.....	711	747	587	-4.8	27.3	-4.7	537	517	883	427	6,022	6,772	-11.1
Other peripheral equipment.....	1,313	1,291	1,295	1.7	-0.3	0.2	1,283	1,121	1,576	1,219	13,504	14,201	-4.9
Nondefense communications equipment.....	4,290	4,408	4,238	-2.7	4.0	-2.8	4,335	3,917	5,285	5,232	44,866	54,224	-17.3
Defense communications equipment.....	737	790	720	-6.7	9.7	-9.9	762	788	761	861	8,331	7,591	9.7
Audio and video equipment.....	549	587	538	-6.5	9.1	6.5	733	807	537	685	5,662	6,972	-18.8
Semiconductors.....	4,077	4,445	3,554	-8.3	25.1	-15.7	3,907	6,021	3,037	3,537	43,271	54,002	-19.9
Electronic components.....	3,330	3,420	3,309	-2.6	3.4	0.7	3,304	3,380	3,786	3,410	36,244	42,513	-14.7
Nondefense search and navigation equipment.....	878	867	837	1.3	3.6	-4.0	858	819	950	823	9,415	10,585	-11.1
Defense search and navigation equipment.....	2,956	2,912	2,953	1.5	-1.4	1.3	3,044	2,887	3,076	2,905	30,675	29,932	2.5
Electromedical, measuring, and control instruments.....	8,232	8,151	7,776	1.0	4.8	-1.4	7,738	7,785	9,244	6,778	83,696	79,797	4.9
Electrical equipment, appliances, and components.....	8,538	8,356	8,241	2.2	1.4	-0.6	8,333	8,666	8,971	8,959	93,207	115,903	-19.6
Electric lighting equipment.....	1,025	1,017	992	0.8	2.5	0.2	1,001	1,048	1,105	914	10,793	11,206	-3.7
Household appliances.....	1,683	1,579	1,576	6.6	0.2	-2.1	1,671	1,628	1,742	1,654	18,362	20,845	-11.9
Electrical equipment.....	2,603	2,547	2,534	2.2	0.5	-0.1	2,413	2,462	2,743	2,855	28,697	38,498	-25.5
Batteries.....	773	829	752	-6.8	10.2	-5.9	901	1,002	801	872	8,190	9,091	-9.9
Transportation equipment.....	43,536	43,769	45,550	-0.5	-3.9	6.7	43,572	45,286	49,042	44,357	480,018	571,692	-16.0
Automobiles.....	4,874	4,797	4,591	1.6	4.5	2.2	4,871	5,395	4,834	5,830	50,442	76,435	-34.0
Light trucks and utility vehicles.....	4,317	4,270	4,471	1.1	-4.5	-4.3	4,325	4,847	4,842	6,612	54,614	92,578	-41.0
Heavy duty trucks.....	1,249	1,159	1,163	7.8	-0.3	2.1	1,241	1,258	1,223	1,239	12,337	15,291	-19.3
Motor vehicle bodies, parts, and trailers.....	13,684	13,653	13,828	0.2	-1.3	2.9	13,468	14,953	14,630	13,538	148,577	177,600	-16.3
Nondefense aircraft and parts.....	7,378	7,647	8,598	-3.5	-11.1	23.5	7,464	6,607	9,332	6,164	82,857	86,567	-4.3
Defense aircraft and parts.....	5,797	5,603	6,528	3.5	-14.2	16.0	5,853	5,575	7,212	4,726	60,764	50,022	21.5
Ships and boats.....	1,872	1,921	1,915	-2.6	0.3	1.9	1,924	1,999	1,930	2,156	21,309	25,186	-15.4
Furniture and related products.....	5,007	5,005	4,993	0.0	0.2	-1.5	4,867	5,142	5,163	5,701	56,668	70,692	-19.8
Miscellaneous durable goods.....	12,003	12,132	11,991	-1.1	1.2	-1.0	12,150	12,287	12,486	12,515	132,275	141,495	-6.5
Nondurable goods industries.....	198,427	194,949	191,968	1.8	1.6	1.1	195,044	201,899	197,301	190,558	2,083,461	2,510,327	-17.0
Food products.....	50,525	50,194	49,617	0.7	1.2	0.8	51,893	52,892	51,518	51,435	548,431	560,951	-2.2
Grain and oilseed milling.....	5,683	5,762	5,826	-1.4	-1.1	0.9	5,987	6,322	6,252	6,187	64,392	66,207	-2.7
Dairy products.....	6,194	6,017	5,855	2.9	2.8	0.7	6,486	6,167	5,947	6,948	66,339	79,448	-16.5
Meat, poultry, and seafood products.....	14,527	14,494	14,107	0.2	2.7	0.5	14,700	15,053	14,150	14,938	159,007	168,424	-5.6
Beverage and tobacco products.....	11,071	11,178	11,141	-1.0	0.3	0.1	11,269	11,316	11,051	11,425	123,263	126,501	-2.6
Beverages.....	7,688	7,539	7,463	2.0	1.0	-0.2	7,886	7,677	7,373	8,030	83,745	86,073	-2.7
Tobacco.....	3,383	3,639	3,678	-7.0	-1.1	0.6	3,383	3,639	3,678	3,395	39,518	40,428	-2.3
Textile mills.....	2,353	2,291	2,308	2.7	-0.7	1.9	2,307	2,468	2,391	2,456	25,113	31,469	-20.2
Textile products.....	1,741	1,734	1,748	0.4	-0.8	1.2	1,714	1,821	1,776	1,908	19,785	25,132	-21.3
Apparel.....	2,144	2,152	2,064	-0.4	4.3	0.0	2,415	2,462	2,146	2,707	23,901	28,968	-17.5
Leather and allied products.....	404	404	413	0.0	-2.2	2.5	380	421	481	408	4,593	5,285	-13.1
Paper products.....	12,814	12,815	12,758	0.0	0.4	0.3	12,658	13,109	13,091	13,495	141,959	158,857	-10.6
Pulp, paper, and paperboard mills.....	6,194	6,179	6,112	0.2	1.1	0.7	6,003	6,339	6,233	6,417	67,846	76,441	-11.2
Paperboard containers.....	3,226	3,352	3,380	-0.8	-0.8	0.6	3,281	3,483	3,443	3,577	37,982	44,776	-15.2
Printing.....	7,102	7,087	7,182	0.2	-1.3	0.2	7,378	7,723	7,548	8,016	80,792	89,795	-10.0
Petroleum and coal products.....	43,220	40,454	38,030	6.8	6.4	3.3	41,014	41,452	39,451	33,809	388,855	646,907	-39.9
Petroleum refineries.....	40,441	37,802	35,225	7.0	7.3	3.8	38,526	38,475	36,269	31,256	357,405	614,240	-41.8
Chemical products.....	51,479	51,275	51,409	0.4	-0.3	0.7	49,180	52,074	51,923	49,629	557,896	640,313	-12.9
Pesticides, fertilizers, and other agricultural chemicals.....	2,946	2,636	2,858	11.8	-7.8	2.0	2,091	1,991	2,563	2,234	32,879	39,468	-16.7
Pharmaceuticals and medicines.....	13,469	13,984	13,974	-3.7	0.1	-0.4	13,332	14,815	13,941	14,433	156,094	159,105	-1.9
Paints, coatings, and adhesives.....	2,531	2,501	2,570	1.2	-2.7	3.2	2,202	2,539	2,619	2,141	28,057	30,584	-8.3
Plastics and rubber products.....	15,574	15,365	15,298	1.4	0.4	0.0	14,836	16,161	15,925	15,270	168,873	196,149	-13.9

NA Not Available

^p Preliminary^f Revised from data released on January 5, 2010.

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			
	Nov. 2009 ^p	Oct. 2009 ^r	Sept. 2009 ^r	Oct. - Nov. ^f	Sept. - Oct. ^f	Aug. - Sept. ^f	Nov. 2009 ^p	Oct. 2009	Sept. 2009	Nov. 2008	2009 ^p	2008	Percent 2009/2008
All manufacturing industries ²	365,295	363,047	360,153	0.6	0.8	1.8	353,667	372,093	375,866	359,293	3,866,960	4,786,117	-19.2
Excluding transportation ²	327,036	321,648	319,277	1.7	0.7	1.6	316,131	330,857	333,908	317,808	3,444,099	4,193,173	-17.9
Excluding defense ²	353,649	351,260	346,446	0.7	1.4	1.5	343,166	360,704	362,045	348,633	3,735,598	4,656,779	-19.8
With unfilled orders ²	122,561	123,951	124,210	-1.1	-0.2	3.6	115,537	123,661	131,647	121,329	1,293,920	1,677,608	-22.9
Durable goods industries ²	166,868	168,098	168,185	-0.7	-0.1	2.5	158,623	170,194	178,565	168,735	1,783,499	2,275,790	-21.6
Primary metals.....	14,804	14,809	14,007	0.0	5.7	1.0	13,659	15,022	14,514	14,175	146,885	234,376	-37.3
Iron and steel mills.....	6,105	6,044	5,703	1.0	6.0	3.4	5,417	5,960	5,983	5,752	59,482	117,795	-49.5
Aluminum and nonferrous metals.....	7,470	7,566	7,058	-1.3	7.2	-1.1	7,106	7,858	7,200	6,863	74,616	96,314	-22.5
Ferrous metal foundries.....	1,229	1,199	1,246	2.5	-3.8	2.7	1,136	1,204	1,331	1,560	12,787	20,267	-36.9
Fabricated metal products.....	24,197	23,916	23,751	1.2	0.7	1.3	22,482	24,605	24,834	23,184	256,843	305,215	-15.8
Machinery.....	22,705	22,076	24,013	2.8	-8.1	11.6	20,633	22,502	24,854	23,800	242,379	331,396	-26.9
Construction machinery.....	1,177	1,258	1,758	-6.4	-28.4	81.6	1,050	1,298	1,775	1,570	11,634	28,967	-59.8
Mining, oil field, and gas field machinery.....	1,255	1,096	1,188	14.5	-7.7	20.5	1,323	1,266	1,214	1,888	12,809	20,269	-36.8
Industrial machinery.....	2,442	1,825	1,994	33.8	-8.5	-8.3	2,110	2,212	1,911	1,523	20,427	32,216	-36.6
Photographic equipment.....	567	539	562	5.2	-4.1	-4.6	577	570	694	506	6,002	6,300	-4.7
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,534	3,603	4,030	-1.9	-10.6	19.9	3,024	3,329	4,534	2,875	40,968	47,054	-12.9
Metalworking machinery.....	1,543	1,586	1,592	-2.7	-0.4	1.3	1,437	1,713	1,689	1,868	16,883	27,033	-37.5
Turbines, generators, and other power transmission equipment.....	2,921	3,092	3,613	-5.5	-14.4	31.7	2,864	3,029	3,403	4,386	31,697	42,905	-26.1
Material handling equipment.....	1,570	1,580	1,533	-0.6	3.1	-6.5	1,517	1,486	1,742	1,925	16,253	26,668	-39.1
Computers and electronic products ²	26,014	25,369	25,269	2.5	0.4	1.0	24,647	24,520	29,819	25,223	267,829	293,053	-8.6
Computers.....	2,803	2,485	2,641	12.8	-5.9	4.9	2,804	2,874	2,563	2,693	27,858	32,955	-15.5
Nondefense communications equipment.....	4,335	4,240	4,419	2.2	-4.1	0.7	3,832	3,987	5,681	4,642	45,432	54,252	-16.3
Defense communications equipment.....	606	707	748	-14.3	-5.5	3.2	462	604	950	623	7,947	7,884	0.8
Semiconductors ²	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	3,736	3,510	3,555	6.4	-1.3	6.5	3,583	3,345	4,008	3,070	37,070	42,567	-12.9
Nondefense search and navigation equipment.....	838	847	610	-1.1	38.9	-6.7	812	788	791	1,909	8,350	12,723	-34.4
Defense search and navigation equipment.....	2,581	2,676	2,526	-3.6	5.9	-8.5	2,500	2,504	2,798	2,924	29,352	29,155	0.7
Electromedical, measuring, and control instruments.....	8,140	7,859	7,927	3.6	-0.9	1.9	7,611	7,469	9,566	6,417	81,749	79,678	2.6
Electrical equipment, appliances, and components.....	8,726	8,503	8,240	2.6	3.2	-1.1	8,309	8,795	8,602	8,026	91,566	115,121	-20.5
Electric lighting equipment.....	1,104	1,094	1,115	0.9	-1.9	5.0	972	1,075	1,123	670	10,749	10,956	-1.9
Household appliances.....	1,690	1,560	1,598	8.3	-2.4	0.5	1,668	1,620	1,761	1,616	18,519	20,732	-10.7
Electrical equipment.....	2,650	2,514	2,418	5.4	4.0	0.1	2,462	2,490	2,473	2,434	27,284	38,613	-29.3
Transportation equipment.....	38,259	41,399	40,876	-7.6	1.3	3.0	37,536	41,236	41,958	41,485	422,861	592,944	-28.7
Motor vehicle bodies, parts, and trailers.....	13,639	13,915	13,721	-2.0	1.4	2.4	13,468	15,217	14,353	13,234	146,854	174,932	-16.1
Nondefense aircraft and parts.....	4,612	7,333	4,960	-37.1	47.8	2.7	4,770	4,623	4,676	5,350	47,377	110,523	-57.1
Defense aircraft and parts.....	4,816	5,293	5,659	-9.0	-6.5	15.2	4,625	5,141	5,602	5,087	56,382	52,749	6.9
Ships and boats.....	1,356	1,223	1,663	10.9	-26.5	-15.3	1,106	1,184	1,549	1,462	15,175	24,379	-37.8
Furniture and related products.....	4,994	4,962	4,966	0.6	-0.1	0.3	4,768	5,190	5,169	5,183	56,720	70,481	-19.5
Non-durable goods industries.....	198,427	194,949	191,968	1.8	1.6	1.1	195,044	201,899	197,301	190,558	2,083,461	2,510,327	-17.0

NA Not Available

^p Preliminary^r Revised from data released on January 5, 2010.

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				
	Monthly			Percent Change			Monthly				Percent Change Nov. 09/08
	Nov. 2009 ^p	Oct. 2009	Sept. 2009 ^f	Oct. - Nov.	Sept. - Oct. ^f	Aug. - Sept. ^f	Nov. 2009 ^p	Oct. 2009	Sept. 2009	Nov. 2008	
All manufacturing industries ²	724,534	729,336	732,138	-0.7	-0.4	-0.4	713,051	720,989	726,335	797,367	-10.6
Excluding transportation ²	306,452	305,977	306,409	0.2	-0.1	0.5	302,373	304,275	305,571	339,320	-10.9
Excluding defense ²	573,519	576,149	576,564	-0.5	-0.1	-0.4	566,872	571,244	573,869	644,195	-12.0
Durable goods industries ²	724,534	729,336	732,138	-0.7	-0.4	-0.4	713,051	720,989	726,335	797,367	-10.6
Primary metals.....	15,080	15,269	15,017	-1.2	1.7	1.0	14,574	14,861	15,188	19,959	-27.0
Iron and steel mills.....	7,769	7,916	7,827	-1.9	1.1	1.3	7,422	7,768	8,166	10,703	-30.7
Aluminum and nonferrous metals.....	5,298	5,311	5,098	-0.2	4.2	0.8	5,165	5,108	4,967	6,340	-18.5
Ferrous metal foundries.....	2,013	2,042	2,092	-1.4	-2.4	0.4	1,987	1,985	2,055	2,916	-31.9
Fabricated metal products.....	48,830	48,762	48,919	0.1	-0.3	-0.3	47,496	48,014	48,645	57,836	-17.9
Machinery.....	87,547	87,401	87,446	0.2	-0.1	1.5	87,214	87,409	87,168	102,923	-15.3
Construction machinery.....	8,068	8,328	8,501	-3.1	-2.0	4.6	7,869	8,143	8,374	13,434	-41.4
Mining, oil field, and gas field machinery.....	4,872	4,889	5,077	-0.3	-3.7	-2.1	4,982	4,932	5,034	7,636	-34.8
Industrial machinery.....	11,181	10,937	11,010	2.2	-0.7	-0.9	11,113	10,897	10,681	15,568	-28.6
Photographic equipment.....	1,760	1,755	1,770	0.3	-0.8	-0.8	1,743	1,776	1,806	1,827	-4.6
Ventilation, heating, air-conditioning, and refrigeration equipment.....	20,323	20,010	19,646	1.6	1.9	4.4	20,431	20,385	20,156	17,208	18.7
Metalworking machinery.....	6,622	6,718	6,702	-1.4	0.2	0.0	6,602	6,723	6,671	8,232	-19.8
Turbines, generators, and other power transmission equipment.....	14,180	14,040	13,826	1.0	1.5	3.9	13,921	13,775	13,656	14,878	-6.4
Material handling equipment.....	7,850	7,964	8,036	-1.4	-0.9	-0.4	7,718	7,798	7,965	9,326	-17.2
Computers and electronic products ²	123,276	123,183	123,850	0.1	-0.5	0.1	121,670	122,631	123,468	123,804	-1.7
Computers.....	4,508	4,228	4,186	6.6	1.0	5.4	4,508	4,228	4,186	4,137	9.0
Nondefense communications equipment.....	29,143	29,098	29,266	0.2	-0.6	0.6	28,928	29,431	29,361	28,755	0.6
Defense communications equipment.....	8,317	8,448	8,531	-1.6	-1.0	0.3	8,008	8,308	8,492	7,983	0.3
Semiconductors ²	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	10,951	10,545	10,455	3.9	0.9	2.4	10,906	10,627	10,662	10,310	5.8
Nondefense search and navigation equipment.....	7,730	7,770	7,790	-0.5	-0.3	-2.8	7,669	7,715	7,746	8,739	-12.2
Defense search and navigation equipment.....	36,427	36,802	37,038	-1.0	-0.6	-1.1	35,610	36,154	36,537	36,424	-2.2
Electromedical, measuring, and control instruments.....	26,200	26,292	26,584	-0.3	-1.1	0.6	26,041	26,168	26,484	27,456	-5.2
Electrical equipment, appliances, and components.....	20,344	20,156	20,009	0.9	0.7	0.0	19,958	19,982	19,853	22,282	-10.4
Electric lighting equipment.....	2,111	2,032	1,955	3.9	3.9	6.7	1,976	2,005	1,978	2,106	-6.2
Household appliances.....	486	479	498	1.5	-3.8	4.6	490	493	501	459	6.8
Electrical equipment.....	12,869	12,822	12,855	0.4	-0.3	-0.9	12,884	12,835	12,807	14,844	-13.2
Transportation equipment.....	418,082	423,359	425,729	-1.2	-0.6	-1.1	410,678	416,714	420,764	458,047	-10.3
Motor vehicle bodies, parts, and trailers.....	14,180	14,225	13,963	-0.3	1.9	-0.8	13,926	13,926	13,662	15,897	-12.4
Nondefense aircraft and parts.....	276,479	279,245	279,559	-1.0	-0.1	-1.3	272,630	275,324	277,308	304,571	-10.5
Defense aircraft and parts.....	45,290	46,271	46,581	-2.1	-0.7	-1.8	43,845	45,073	45,507	46,029	-4.7
Ships and boats.....	17,735	18,251	18,949	-2.8	-3.7	-1.3	16,810	17,628	18,443	19,196	-12.4
Furniture and related products.....	5,753	5,766	5,809	-0.2	-0.7	-0.5	5,839	5,938	5,890	6,553	-10.9

NA Not Available ^p Preliminary ^f Revised from data released on January 5, 2010.

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				Percent Change Nov. 09/08
	Monthly			Percent Change			Monthly				
	Nov. 2009 ^p	Oct. 2009	Sept. 2009 ^f	Oct. - Nov.	Sept. - Oct. ^f	Aug. - Sept. ^f	Nov. 2009 ^p	Oct. 2009	Sept. 2009	Nov. 2008	
All manufacturing industries.....	495,143	494,397	492,559	0.2	0.4	-0.8	496,654	497,429	492,018	552,910	-10.2
Excluding transportation.....	405,227	404,142	402,976	0.3	0.3	-0.6	405,836	406,615	403,291	459,509	-11.7
Excluding defense.....	468,738	467,937	466,644	0.2	0.3	-0.8	470,267	470,852	466,104	527,653	-10.9
With unfilled orders.....	244,684	245,161	245,466	-0.2	-0.1	-1.0	246,256	246,005	243,536	275,375	-10.6
Durable goods industries.....	303,120	304,023	305,056	-0.3	-0.3	-1.0	304,875	304,872	302,802	343,203	-11.2
Wood products.....	9,272	9,304	9,445	-0.3	-1.5	-1.3	9,300	9,429	9,532	10,460	-11.1
Nonmetallic mineral products.....	10,729	10,905	11,015	-1.6	-1.0	-0.5	10,414	10,591	10,836	11,649	-10.6
Primary metals.....	25,437	25,365	25,515	0.3	-0.6	0.7	25,637	25,641	25,788	33,633	-23.8
Iron and steel mills.....	13,945	13,990	14,050	-0.3	-0.4	0.3	14,187	14,319	14,319	19,857	-28.6
Aluminum and nonferrous metals.....	9,346	9,204	9,225	1.5	-0.2	1.7	9,297	9,169	9,258	10,985	-15.4
Ferrous metal foundries.....	2,146	2,171	2,240	-1.2	-3.1	-1.3	2,153	2,153	2,179	2,791	-22.9
Fabricated metal products.....	36,938	36,880	37,013	0.2	-0.4	-1.1	36,525	36,668	36,736	43,870	-16.7
Machinery.....	47,857	48,015	48,455	-0.3	-0.9	-1.1	48,184	47,706	47,725	55,527	-13.2
Farm machinery.....	2,716	2,798	2,885	-2.9	-3.0	-2.9	2,619	2,533	2,658	3,455	-24.2
Construction machinery.....	4,967	4,944	5,001	0.5	-1.1	0.2	4,968	4,920	4,957	5,624	-11.7
Mining, oil field, and gas field machinery.....	4,476	4,488	4,570	-0.3	-1.8	-1.1	4,435	4,421	4,530	4,647	-4.6
Industrial machinery.....	6,039	6,086	6,142	-0.8	-0.9	-0.6	6,159	5,979	6,136	7,053	-12.7
Photographic equipment.....	1,486	1,495	1,452	-0.6	3.0	-4.7	1,493	1,492	1,409	1,406	6.2
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,728	3,681	3,744	1.3	-1.7	-2.3	3,739	3,679	3,655	4,758	-21.4
Metalworking machinery.....	4,212	4,277	4,345	-1.5	-1.6	-2.2	4,235	4,326	4,365	5,362	-21.0
Turbines, generators, and other power transmission equipment.....	5,133	5,088	5,101	0.9	-0.3	-0.6	5,360	5,229	5,045	6,345	-15.5
Material handling equipment.....	2,665	2,693	2,749	-1.0	-2.0	-1.5	2,693	2,713	2,712	3,385	-20.4
Computers and electronic products ²	42,779	42,944	43,286	-0.4	-0.8	-0.3	43,701	43,516	42,911	48,250	-9.4
Computers.....	1,136	1,115	1,088	1.9	2.5	-0.2	1,176	1,090	1,151	1,263	-6.9
Computer storage devices.....	1,127	1,158	1,189	-2.7	-2.6	-0.4	1,201	1,191	1,126	1,653	-27.3
Other peripheral equipment.....	1,817	1,840	1,863	-1.3	-1.2	-3.2	1,893	1,882	1,813	2,227	-15.0
Nondefense communications equipment.....	6,740	6,830	6,983	-1.3	-2.2	-0.3	7,057	6,893	6,795	8,486	-16.8
Defense communications equipment.....	2,303	2,313	2,349	-0.4	-1.5	4.2	2,303	2,313	2,349	1,802	27.8
Audio and video equipment.....	507	617	734	-17.8	-15.9	1.8	578	707	810	992	-41.7
Semiconductors ²	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	6,022	5,980	6,026	0.7	-0.8	0.3	6,155	6,089	5,957	6,791	-9.4
Nondefense search and navigation equipment.....	4,933	4,845	4,807	1.8	0.8	-1.7	4,913	4,945	4,862	4,957	-0.9
Defense search and navigation equipment.....	3,625	3,594	3,525	0.9	2.0	0.3	3,644	3,636	3,497	3,603	1.1
Electromedical, measuring and control instruments.....	10,208	10,295	10,400	-0.8	-1.0	-1.7	10,385	10,398	10,263	10,917	-4.9
Electrical equipment, appliances, and components.....	12,113	12,203	12,379	-0.7	-1.4	-1.4	12,025	12,124	12,183	14,789	-18.7
Electric lighting equipment.....	1,427	1,438	1,460	-0.8	-1.5	-1.4	1,403	1,400	1,416	1,705	-17.7
Household appliances.....	1,898	1,928	1,972	-1.6	-2.2	-3.6	1,860	1,969	1,979	1,993	-6.7
Electrical equipment.....	3,819	3,834	3,872	-0.4	-1.0	-0.4	3,860	3,794	3,693	5,166	-25.3
Batteries.....	637	649	704	-1.8	-7.8	1.1	606	644	740	739	-18.0
Transportation equipment.....	89,916	90,255	89,583	-0.4	0.8	-1.7	90,818	90,814	88,727	93,401	-2.8
Automobiles.....	1,873	1,804	1,753	3.8	2.9	-2.0	1,893	1,769	1,749	2,532	-25.2
Light trucks and utility vehicles.....	1,585	1,570	1,621	1.0	-3.1	-3.9	1,687	1,647	1,718	2,512	-32.8
Heavy duty trucks.....	1,490	1,469	1,414	1.4	3.9	-2.4	1,518	1,531	1,428	1,700	-10.7
Motor vehicle bodies, parts, and trailers.....	13,241	13,230	13,388	0.1	-1.2	-0.8	13,305	13,217	13,281	15,660	-15.0
Nondefense aircraft and parts.....	45,346	45,470	45,025	-0.3	1.0	-1.9	46,095	45,759	44,256	44,871	2.7
Defense aircraft and parts.....	15,594	15,889	15,424	-1.9	3.0	-2.9	15,524	16,006	15,489	14,724	5.4
Ships and boats.....	2,678	2,656	2,552	0.8	4.1	-0.5	2,689	2,637	2,528	2,937	-8.4
Furniture and related products.....	6,124	6,147	6,210	-0.4	-1.0	-1.1	6,146	6,120	6,174	7,705	-20.2
Miscellaneous durable goods.....	21,955	22,005	22,155	-0.2	-0.7	-0.8	22,125	22,263	22,190	23,919	-7.5
Nondurable goods industries.....	192,023	190,374	187,503	0.9	1.5	-0.5	191,779	192,557	189,216	209,707	-8.5
Food products.....	35,656	35,346	34,758	0.9	1.7	-1.9	36,926	37,468	35,292	38,373	-3.8
Grain and oilseed milling.....	4,611	4,463	4,158	3.3	7.3	-4.5	4,784	4,798	4,045	4,825	-0.8
Dairy products.....	4,328	4,275	4,237	1.2	0.9	-1.1	4,155	4,245	4,220	4,314	-3.7
Meat, poultry, and seafood products.....	7,041	6,978	6,751	0.9	3.4	-3.7	7,187	7,129	6,837	7,702	-6.7
Beverage and tobacco products.....	15,560	15,531	15,446	0.2	0.6	0.0	15,844	16,081	15,439	15,496	2.2
Beverages.....	11,495	11,500	11,438	0.0	0.5	0.0	11,702	12,006	11,535	11,577	1.1
Tobacco.....	4,065	4,031	4,008	0.8	0.6	-0.1	4,142	4,075	3,904	3,919	5.7
Textile mills.....	2,914	3,009	2,984	-3.2	0.8	-2.4	2,907	3,008	2,951	3,676	-20.9
Textile products.....	2,681	2,679	2,690	0.1	-0.4	-0.4	2,671	2,704	2,710	3,238	-17.5
Apparel.....	3,528	3,564	3,650	-1.0	-2.4	-1.5	3,367	3,582	3,803	4,154	-18.9
Leather and allied products.....	942	956	991	-1.5	-3.5	-3.3	934	938	1,004	1,048	-10.9
Paper products.....	13,559	13,544	13,726	0.1	-1.3	-0.3	13,566	13,450	13,669	15,624	-13.2
Pulp, paper, and paperboard mills.....	5,899	5,909	6,022	-0.2	-1.9	0.2	5,881	5,804	5,962	6,803	-13.6
Paperboard containers.....	3,713	3,705	3,748	0.2	-1.1	-1.1	3,656	3,640	3,716	4,419	-17.3
Printing.....	5,570	5,564	5,554	0.1	0.2	-1.8	5,644	5,811	5,745	6,817	-17.2
Petroleum and coal products.....	29,688	28,488	26,034	4.2	9.4	0.3	28,574	28,419	27,242	31,375	-8.9
Petroleum refineries.....	27,582	26,402	23,967	4.5	10.2	0.1	26,514	26,354	25,201	28,647	-7.4
Chemical products.....	63,075	62,888	62,809	0.3	0.1	0.0	62,630	62,343	62,502	67,837	-7.7
Pesticides, fertilizers, and other agricultural chemicals.....	3,145	3,124	3,161	0.7	-1.2	0.1	3,169	2,956	2,819	3,678	-13.8
Pharmaceuticals and medicines.....	24,114	24,156	24,112	-0.2	0.2	-0.6	23,957	24,085	24,259	24,054	-0.4
Paints, coatings, and adhesives.....	2,881	2,896	2,899	-0.5	-0.1	-0.7	2,766	2,805	2,847	2,974	-7.0
Plastics and rubber products.....	18,850	18,805	18,861	0.2	-0.3	-0.1	18,716	18,753	18,859	22,069	-15.2

NA Not Available ^p Preliminary ^f Revised from data released on January 5, 2010.¹ 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 change.² Inventories for semiconductor industry data are included in computers and electronic products and total durable goods industries, but are not shown separate.

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			
	Nov. 2009 ^p	Oct. 2009 ^r	Sept. 2009 ^r	Oct. - Nov. ^r	Sept. - Oct. ^r	Aug. - Sept. ^r	Nov. 2009 ^p	Oct. 2009	Sept. 2009	Nov. 2008	2009 ^p	2008	
SHIPMENTS													
All manufacturing industries.....	374,174	370,294	366,882	1.0	0.9	1.3	365,512	383,460	384,758	372,138	3,995,933	4,814,568	-17.0
Construction materials and supplies.....	37,854	37,724	37,870	0.3	-0.4	0.0	35,783	39,949	40,983	37,866	421,632	484,618	-13.0
Information technology.....	25,607	25,554	24,756	0.2	3.2	-1.1	25,261	25,103	28,351	24,915	267,715	290,745	-7.9
Computers and related products.....	4,547	4,481	4,307	1.5	4.0	-0.1	4,344	4,470	4,806	3,792	46,966	53,508	-12.2
Motor vehicle and parts.....	24,124	23,879	24,053	1.0	-0.7	1.3	23,905	26,453	25,529	27,219	265,970	361,904	-26.5
Capital goods.....	67,887	67,780	68,840	0.2	-1.5	3.7	65,896	66,737	74,235	68,444	735,758	827,920	-11.1
Nondefense capital goods ³	57,126	56,817	57,510	0.5	-1.2	3.3	54,794	55,867	62,288	59,005	621,348	729,595	-14.8
Excluding aircraft.....	53,267	52,693	52,444	1.1	0.5	0.5	50,793	52,459	56,834	56,249	577,330	684,255	-15.6
Defense capital goods ⁴	10,761	10,963	11,330	-1.8	-3.2	5.7	11,102	10,870	11,947	9,439	114,410	98,325	16.4
Consumer goods.....	152,205	149,527	146,199	1.8	2.3	1.1	151,804	156,118	150,719	150,368	1,593,993	1,978,906	-19.5
Consumer durable goods.....	21,518	21,263	21,144	1.2	0.6	-1.2	21,670	22,896	22,397	25,593	240,759	328,925	-26.8
Consumer nondurable goods.....	130,687	128,264	125,055	1.9	2.6	1.4	130,134	133,222	128,322	124,775	1,353,234	1,649,981	-18.0
NEW ORDERS													
All manufacturing industries ⁵	365,295	363,047	360,153	0.6	0.8	1.8	353,667	372,093	375,866	359,293	3,866,960	4,786,117	-19.2
Construction materials and supplies.....	38,358	38,056	38,480	0.8	-1.1	1.8	35,660	39,896	41,481	36,118	419,259	486,570	-13.8
Information technology.....	25,354	24,904	24,633	1.8	1.1	-0.4	23,947	24,353	28,949	25,093	263,585	292,515	-9.9
Computers and related products.....	4,827	4,523	4,523	6.7	0.0	2.2	4,624	4,512	5,022	4,339	47,384	53,928	-12.1
Motor vehicle and parts.....	24,079	24,141	23,946	-0.3	0.8	1.0	23,905	26,717	25,252	26,915	264,247	359,236	-26.4
Capital goods.....	62,847	64,128	65,113	-2.0	-1.5	5.2	59,058	61,758	68,732	64,347	662,440	860,128	-23.0
Nondefense capital goods ³	53,819	55,458	54,383	-3.0	2.0	4.2	51,046	53,477	58,171	56,392	562,561	761,496	-26.1
Excluding aircraft.....	53,299	51,920	52,865	2.7	-1.8	3.5	49,865	52,168	57,192	54,271	556,466	694,498	-19.9
Defense capital goods ⁴	9,028	8,670	10,730	4.1	-19.2	10.7	8,012	8,281	10,561	7,955	99,879	98,632	1.3
Consumer goods.....	152,364	149,574	146,256	1.9	2.3	1.1	151,954	156,211	150,798	150,386	1,593,899	1,978,003	-19.4
Consumer durable goods.....	21,677	21,310	21,201	1.7	0.5	-1.2	21,820	22,989	22,476	25,611	240,665	328,022	-26.6
Consumer nondurable goods.....	130,687	128,264	125,055	1.9	2.6	1.4	130,134	133,222	128,322	124,775	1,353,234	1,649,981	-18.0
UNFILLED ORDERS													
All manufacturing industries ⁵	724,534	729,336	732,138	-0.7	-0.4	-0.4	713,051	720,989	726,335	797,367	(X)	(X)	-10.6
Construction materials and supplies.....	48,501	47,997	47,665	1.1	0.7	1.3	48,011	48,134	48,187	52,520	(X)	(X)	-8.6
Information technology.....	118,963	119,216	119,866	-0.2	-0.5	-0.1	117,115	118,429	119,179	120,194	(X)	(X)	-2.6
Computers and related products.....	4,508	4,228	4,186	6.6	1.0	5.4	4,508	4,228	4,186	4,137	(X)	(X)	9.0
Motor vehicle and parts.....	14,180	14,225	13,963	-0.3	1.9	-0.8	13,926	13,926	13,662	15,897	(X)	(X)	-12.4
Capital goods.....	549,589	554,629	558,281	-0.9	-0.7	-0.7	540,617	547,455	552,434	607,665	(X)	(X)	-11.0
Nondefense capital goods ³	414,074	417,381	418,740	-0.8	-0.3	-0.7	409,483	413,231	415,621	470,716	(X)	(X)	-13.0
Excluding aircraft.....	173,899	173,867	174,640	0.0	-0.4	0.2	172,318	173,246	173,537	199,027	(X)	(X)	-13.4
Defense capital goods ⁴	135,515	137,248	139,541	-1.3	-1.6	-0.4	131,134	134,224	136,813	136,949	(X)	(X)	-4.2
Consumer goods.....	7,871	7,712	7,665	2.1	0.6	0.7	7,903	7,753	7,660	8,261	(X)	(X)	-4.3
Consumer durable goods.....	7,871	7,712	7,665	2.1	0.6	0.7	7,903	7,753	7,660	8,261	(X)	(X)	-4.3
TOTAL INVENTORIES													
All manufacturing industries.....	495,143	494,397	492,559	0.2	0.4	-0.8	496,654	497,429	492,018	552,910	(X)	(X)	-10.2
Construction materials and supplies.....	51,077	51,161	51,482	-0.2	-0.6	-0.8	50,480	50,864	51,158	59,544	(X)	(X)	-15.2
Information technology.....	38,574	38,822	39,131	-0.6	-0.8	-1.0	39,304	39,243	38,829	42,952	(X)	(X)	-8.5
Computers and related products.....	4,080	4,113	4,140	-0.8	-0.7	-1.6	4,270	4,163	4,090	5,143	(X)	(X)	-17.0
Motor vehicle and parts.....	18,189	18,073	18,176	0.6	-0.6	-1.3	18,403	18,164	18,176	22,404	(X)	(X)	-17.9
Capital goods.....	152,557	152,813	152,520	-0.2	0.2	-1.5	154,353	153,171	150,654	164,972	(X)	(X)	-6.4
Nondefense capital goods ³	132,303	132,496	132,722	-0.1	-0.2	-1.5	134,047	132,854	130,922	145,389	(X)	(X)	-7.8
Excluding aircraft.....	96,047	96,475	97,332	-0.4	-0.9	-1.0	97,193	96,743	96,235	110,119	(X)	(X)	-11.7
Defense capital goods ⁴	20,254	20,317	19,798	-0.3	2.6	-1.8	20,306	20,317	19,732	19,583	(X)	(X)	3.7
Consumer goods.....	144,134	142,805	140,296	0.9	1.8	-0.9	144,667	145,650	142,449	156,486	(X)	(X)	-7.6
Consumer durable goods.....	23,142	23,288	23,680	-0.6	-1.7	-2.0	23,424	23,567	23,760	28,851	(X)	(X)	-18.8
Consumer nondurable goods.....	120,992	119,517	116,616	1.2	2.5	-0.7	121,243	122,083	118,689	127,635	(X)	(X)	-5.0

X Not Applicable

^p Preliminary

^r Revised from data released on January 5, 2010.

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

² Topical series are regroupings of the separate industry categories.

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

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

⁵ Estimates and percent changes exclude semiconductor industry data.

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

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

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

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Nov. 09/08
	Nov. 2009 ^p	Oct. 2009	Sept. 2009 ^r	Oct. - Nov.	Sept. - Oct. ^r	Aug. - Sept. ^r	Nov. 2009 ^p	Oct. 2009	Sept. 2009	Nov. 2008	
MATERIALS AND SUPPLIES											
All manufacturing industries.....	166,112	165,709	165,999	0.2	-0.2	-0.5	166,321	166,558	166,131	188,545	-11.8
Durable goods industries.....	100,262	101,161	102,367	-0.9	-1.2	-0.5	101,077	101,748	102,297	117,633	-14.1
Wood products.....	3,612	3,642	3,749	-0.8	-2.9	-2.2	3,824	3,879	3,887	4,576	-16.4
Nonmetallic mineral products.....	4,320	4,445	4,562	-2.8	-2.6	-1.1	4,290	4,445	4,582	4,675	-8.2
Primary metals.....	10,903	11,089	11,189	-1.7	-0.9	-1.1	11,018	11,290	11,314	14,591	-24.5
Fabricated metal products.....	13,348	13,528	13,756	-1.3	-1.7	-0.7	13,323	13,552	13,869	16,792	-20.7
Machinery.....	18,976	18,955	19,292	0.1	-1.7	-0.1	19,023	18,976	19,055	21,651	-12.1
Computers and electronic products.....	13,366	13,668	13,773	-2.2	-0.8	-0.5	13,601	13,820	13,907	15,639	-13.0
Electrical equipment, appliances, and components.....	4,586	4,585	4,623	0.0	-0.8	-2.6	4,554	4,518	4,541	5,875	-22.5
Transportation equipment.....	20,850	20,905	21,058	-0.3	-0.7	0.2	21,129	20,930	20,813	22,461	-5.9
Furniture and related products.....	2,996	3,029	3,025	-1.1	0.1	-0.7	2,992	2,999	3,002	3,699	-19.1
Miscellaneous products.....	7,305	7,315	7,340	-0.1	-0.3	-0.7	7,323	7,339	7,327	7,674	-4.6
Nondurable goods industries.....	65,850	64,548	63,632	2.0	1.4	-0.3	65,244	64,810	63,834	70,912	-8.0
Food products.....	13,260	13,245	12,833	0.1	3.2	-2.2	13,486	13,790	12,572	13,849	-2.6
Beverage and tobacco products.....	4,570	4,524	4,392	1.0	3.0	-0.2	4,618	4,543	4,280	4,503	2.6
Textiles.....	921	942	944	-2.2	-0.2	-0.8	916	938	943	1,129	-18.9
Textile products.....	1,030	1,038	1,036	-0.8	0.2	-0.4	1,028	1,052	1,054	1,288	-20.2
Apparel.....	917	919	922	-0.2	-0.3	-2.1	887	900	917	1,004	-11.7
Leather and allied products.....	353	365	378	-3.3	-3.4	-1.6	347	364	387	358	-3.1
Paper products.....	6,617	6,654	6,803	-0.6	-2.2	0.6	6,655	6,652	6,824	7,479	-11.0
Printing.....	2,549	2,503	2,463	1.8	1.6	-1.4	2,555	2,521	2,521	3,107	-17.8
Petroleum and coal products.....	8,754	8,160	7,540	7.3	8.2	-0.7	8,145	7,975	7,824	9,640	-15.5
Chemical products.....	19,224	18,631	18,801	3.2	-0.9	0.5	18,993	18,500	18,872	19,841	-4.3
Plastics and rubber products.....	7,655	7,567	7,520	1.2	0.6	1.3	7,614	7,575	7,640	8,714	-12.6
WORK IN PROCESS											
All manufacturing industries.....	159,726	159,036	157,472	0.4	1.0	-0.5	161,648	161,042	156,525	167,865	-3.7
Durable goods industries.....	121,261	120,971	120,306	0.2	0.6	-0.9	122,502	121,901	119,323	128,711	-4.8
Wood products.....	1,668	1,694	1,694	-1.5	0.0	0.8	1,675	1,702	1,710	1,899	-11.8
Nonmetallic mineral products.....	1,337	1,348	1,350	-0.8	-0.1	-0.2	1,248	1,284	1,326	1,318	-5.3
Primary metals.....	7,425	7,293	7,604	1.8	-4.1	2.4	7,508	7,386	7,776	9,948	-24.5
Fabricated metal products.....	11,906	11,566	11,401	2.9	1.4	2.2	11,822	11,565	11,259	13,333	-11.3
Machinery.....	13,353	13,514	13,512	-1.2	0.0	-1.7	13,745	13,611	13,496	15,746	-12.7
Computers and electronic products.....	20,558	20,451	20,590	0.5	-0.7	0.2	21,033	20,726	20,160	22,255	-5.5
Electrical equipment, appliances, and components.....	2,470	2,495	2,516	-1.0	-0.8	-1.7	2,451	2,494	2,457	3,064	-20.0
Transportation equipment.....	58,378	58,492	57,497	-0.2	1.7	-2.1	58,814	58,968	57,003	56,398	4.3
Furniture and related products.....	1,102	1,075	1,100	2.5	-2.3	-1.1	1,101	1,064	1,092	1,232	-10.6
Miscellaneous products.....	3,064	3,043	3,042	0.7	0.0	-2.1	3,105	3,101	3,044	3,518	-11.7
Nondurable goods industries.....	38,465	38,065	37,166	1.1	2.4	0.8	39,146	39,141	37,202	39,154	0.0
Food products.....	2,364	2,299	2,166	2.8	6.1	0.3	2,879	2,931	1,999	2,879	0.0
Beverage and tobacco products.....	4,515	4,531	4,481	-0.4	1.1	0.2	4,853	4,879	4,460	4,525	7.2
Textiles.....	668	668	667	0.0	0.1	-1.2	678	674	672	883	-23.2
Textile products.....	334	331	342	0.9	-3.2	2.1	338	336	348	402	-15.9
Apparel.....	524	528	535	-0.8	-1.3	-0.6	516	529	541	614	-16.0
Leather and allied products.....	84	85	86	-1.2	-1.2	1.2	84	82	84	109	-22.9
Paper products.....	1,264	1,247	1,233	1.4	1.1	-1.9	1,249	1,223	1,231	1,553	-19.6
Printing.....	1,425	1,441	1,440	-1.1	0.1	-2.3	1,483	1,609	1,552	1,718	-13.7
Petroleum and coal products.....	9,292	8,919	8,461	4.2	5.4	3.5	9,031	8,968	8,629	8,755	3.2
Chemical products.....	15,740	15,755	15,478	-0.1	1.8	0.3	15,790	15,659	15,416	15,206	3.8
Plastics and rubber products.....	2,255	2,261	2,277	-0.3	-0.7	0.4	2,245	2,251	2,270	2,510	-10.6
FINISHED GOODS											
All manufacturing industries.....	169,305	169,652	169,088	-0.2	0.3	-1.4	168,685	169,829	169,362	196,500	-14.2
Durable goods industries.....	81,597	81,891	82,383	-0.4	-0.6	-1.7	81,296	81,223	81,182	96,859	-16.1
Wood products.....	3,992	3,968	4,002	0.6	-0.8	-1.4	3,801	3,848	3,935	3,985	-4.6
Nonmetallic mineral products.....	5,072	5,112	5,103	-0.8	0.2	-0.1	4,876	4,862	4,928	5,656	-13.8
Primary metals.....	7,109	6,983	6,722	1.8	3.9	1.9	7,111	6,965	6,698	9,094	-21.8
Fabricated metal products.....	11,684	11,786	11,856	-0.9	-0.6	-4.6	11,380	11,551	11,608	13,745	-17.2
Machinery.....	15,528	15,546	15,651	-0.1	-0.7	-1.8	15,416	15,119	15,170	18,130	-15.0
Computers and electronic products.....	8,855	8,825	8,923	0.3	-1.1	-1.1	9,067	8,970	8,844	10,356	-12.4
Electrical equipment, appliances, and components.....	5,057	5,123	5,240	-1.3	-2.2	-0.2	5,020	5,112	5,185	5,850	-14.2
Transportation equipment.....	10,688	10,858	11,028	-1.6	-1.5	-3.1	10,875	10,916	10,911	14,542	-25.2
Furniture and related products.....	2,026	2,043	2,085	-0.8	-2.0	-1.6	2,053	2,057	2,080	2,774	-26.0
Miscellaneous products.....	11,586	11,647	11,773	-0.5	-1.1	-0.9	11,697	11,823	11,819	12,727	-8.1
Nondurable goods industries.....	87,708	87,761	86,705	-0.1	1.2	-1.1	87,389	88,606	88,180	99,641	-12.3
Food products.....	20,032	19,802	19,759	1.2	0.2	-1.9	20,561	20,747	20,721	21,645	-5.0
Beverage and tobacco products.....	6,475	6,476	6,573	0.0	-1.5	0.0	6,373	6,659	6,699	6,468	-1.5
Textiles.....	1,325	1,399	1,373	-5.3	1.9	-3.9	1,313	1,396	1,336	1,664	-21.1
Textile products.....	1,317	1,310	1,312	0.5	-0.2	-1.0	1,305	1,316	1,308	1,548	-15.7
Apparel.....	2,087	2,117	2,193	-1.4	-3.5	-1.5	1,964	2,153	2,345	2,536	-22.6
Leather and allied products.....	505	506	527	-0.2	-4.0	-5.2	503	492	533	581	-13.4
Paper products.....	5,678	5,643	5,690	0.6	-0.8	-1.0	5,662	5,575	5,614	6,592	-14.1
Printing.....	1,596	1,620	1,651	-1.5	-1.9	-1.8	1,606	1,681	1,672	1,992	-19.4
Petroleum and coal products.....	11,642	11,409	10,033	2.0	13.7	-1.6	11,398	11,476	10,789	12,980	-12.2
Chemical products.....	28,111	28,502	28,530	-1.4	-0.1	-0.4	27,847	28,184	28,214	32,790	-15.1
Plastics and rubber products.....	8,940	8,977	9,064	-0.4	-1.0	-1.4	8,857	8,927	8,949	10,845	-18.3

^p Preliminary^r Revised from data released on January 5, 2010.¹ Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted estimates of shipments and new orders include adjusted data for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holiday and trading-day differences, where appropriate, as well as seasonal variation, based on the results of the latest annual review of the model parameters. Estimates are not adjusted for price changes.

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

Table 7. Ratios of Manufacturers' Inventories to Shipments and Unfilled Orders to Shipments, by Industry Group³

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

Industry	Inventory/Shipments ratio				Unfilled Orders/Shipments ratio ¹			
	Nov 2009 ^p	Oct 2009	Sep 2009 ^f	Aug 2009 ^f	Nov 2009 ^p	Oct 2009	Sep 2009 ^f	Aug 2009 ^f
All manufacturing industries ²	1.32	1.34	1.34	1.37	(X)	(X)	(X)	(X)
Durable goods industries ²	1.72	1.73	1.74	1.79	5.69	5.75	5.75	5.93
Wood products.....	1.22	1.22	1.24	1.27	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.46	1.50	1.47	1.47	(X)	(X)	(X)	(X)
Primary metals.....	1.70	1.74	1.84	1.87	1.01	1.05	1.08	1.10
Fabricated metal products.....	1.53	1.53	1.55	1.57	2.10	2.10	2.12	2.14
Machinery.....	2.12	2.17	2.14	2.20	4.41	4.49	4.39	4.40
Computers and electronic products ²	1.43	1.41	1.51	1.47	5.37	5.36	5.56	5.49
Electrical equipment, appliances, and components.....	1.42	1.46	1.50	1.52	2.62	2.68	2.67	2.67
Transportation equipment.....	2.07	2.06	1.97	2.14	12.63	12.62	12.05	13.29
Furniture and related products.....	1.22	1.23	1.24	1.24	1.34	1.34	1.35	1.34
Miscellaneous products.....	1.83	1.81	1.85	1.84	(X)	(X)	(X)	(X)
Nondurable goods industries.....	0.97	0.98	0.98	0.99	(X)	(X)	(X)	(X)
Food products.....	0.71	0.70	0.70	0.72	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.41	1.39	1.39	1.39	(X)	(X)	(X)	(X)
Textiles.....	1.24	1.31	1.29	1.35	(X)	(X)	(X)	(X)
Textile products.....	1.54	1.54	1.54	1.56	(X)	(X)	(X)	(X)
Apparel.....	1.65	1.66	1.77	1.80	(X)	(X)	(X)	(X)
Leather and allied products.....	2.33	2.37	2.40	2.54	(X)	(X)	(X)	(X)
Paper products.....	1.06	1.06	1.08	1.08	(X)	(X)	(X)	(X)
Printing.....	0.78	0.79	0.77	0.79	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.69	0.70	0.68	0.71	(X)	(X)	(X)	(X)
Chemical products.....	1.23	1.23	1.22	1.23	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.21	1.22	1.23	1.23	(X)	(X)	(X)	(X)

X Not Applicable

^p Preliminary

^f Revised from data released on January 5, 2010.

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.

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.

Table 8. Revisions to Previously Published Monthly Percent Changes⁴

⁴ Not available for this Special Release of Manufacturers' Shipments, Inventories and Orders for November 2009 due to seasonal adjustment factor revisions back to January 2001.

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 in the data 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>.

2010 Release Dates for M3 Survey

Survey Month	Advance 8:30 A.M.	Preliminary 10:00 A.M.
November 2009	Dec. 24, 2009	Jan. 5, 2010
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	