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

Summary

New orders for manufactured goods in September, up five of the last six months, increased \$3.3 billion or 0.9 percent to \$356.1 billion, the U.S. Census Bureau reported today. This followed a 0.8 percent August decrease. Excluding transportation, new orders increased 0.8 percent.

Shipments, up three of the last four months, increased \$2.9 billion or 0.8 percent to \$363.1 billion. This followed a 0.2 percent August decrease.

Unfilled orders, down twelve consecutive months, decreased \$3.3 billion or 0.4 percent to \$733.3 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 August decrease. The unfilled orders-to-shipments ratio was 5.83, down from 5.97 in August.

Inventories, down thirteen consecutive months, decreased \$4.8 billion or 1.0 percent to \$492.6 billion. This was the longest streak of consecutive monthly decreases since February 2001-May 2002 and followed a 0.9 percent August decrease. The inventories-to-shipments ratio was 1.36, down from 1.38 in August.

New Orders

New orders for manufactured durable goods in September, up two of the last three months, increased \$2.2 billion or 1.4 percent to \$166.2 billion, revised from the previously published 1.0 percent increase. This followed a 2.7 percent August decrease.

Machinery, up five of the last six months, had the largest increase, \$1.7 billion or 7.9 percent to \$23.5 billion.

New orders for manufactured nondurable goods increased \$1.1 billion or 0.6 percent to \$189.9 billion.

Shipments

Shipments of manufactured durable goods in September, up three of the last four months, increased \$1.8 billion or 1.1 percent to \$173.2 billion, revised from the previously published 0.8 percent increase. This followed a 1.4 percent August decrease.

Transportation equipment, also up three of the last four months, had the largest increase, \$2.6 billion or 6.1 percent to \$45.1 billion.

Shipments of manufactured nondurable goods, up four of the last five months, increased \$1.1 billion or 0.6 percent to \$189.9 billion. This followed a 0.9 percent August increase. This increase was led by chemical products, which increased \$0.5 billion or 1.1 percent to \$50.9 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in September, down twelve consecutive months, decreased \$3.3 billion or 0.4 percent to \$733.3 billion, unchanged from the previously published 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 0.4 percent August decrease.

Transportation equipment, down eleven of the last twelve months, had the largest decrease, \$4.7 billion or 1.1 percent to \$426.5 billion.

Inventories

Inventories of manufactured durable goods in September, down nine consecutive months, decreased \$3.2 billion or 1.0 percent to \$304.9 billion, unchanged from the previously published decrease. This followed a 1.5 percent August decrease.

Transportation equipment, down two consecutive months, had the largest decrease, \$2.1 billion or 2.3 percent to \$89.0 billion.

Inventories of manufactured nondurable goods, down twelve of the last thirteen months, decreased \$1.6 billion or 0.9 percent to \$187.7 billion. This followed a slight August increase. Petroleum and coal products led the decrease, down \$1.1 billion or 4.2 percent to \$26.0 billion.

By stage of fabrication, September materials and supplies decreased 0.7 percent in durable goods and 0.7 percent in nondurable goods. Work in process decreased 1.1 percent in durable goods and 0.3 percent in nondurable goods. Finished goods decreased 1.4 percent in durable goods and 1.2 percent in nondurable goods.

Figures in text are in seasonally adjusted current dollars. 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 October is scheduled for release on November 25, 2009, at 8:30 a.m. EST and the full report on December 4, 2009, at 10:00 a.m. EST. See back page for survey description and 2010 release schedule.

Table 1. Value of Manufacturers' Shipments for Industry Groups

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted ¹						
	Monthly			Percent Change			Monthly				Year to date		
	Sept. 2009 ^p	Aug. 2009 ^r	July 2009	Aug. - Sept.	July - Aug.	June - July	Sept. 2009 ^p	Aug. 2009 ^r	July 2009	Sept. 2008	2009 ^p	2008	Percent 2009/2008
All manufacturing industries	363,053	360,145	360,951	0.8	-0.2	0.3	383,469	372,918	355,856	448,947	3,245,672	4,011,058	-19.1
Excluding transportation	317,905	317,601	317,887	0.1	-0.1	0.2	334,591	329,577	320,313	395,198	2,854,676	3,534,843	-19.2
Excluding defense	348,481	346,348	347,298	0.6	-0.3	0.4	367,828	359,289	343,439	436,065	3,126,097	3,907,765	-20.0
With unfilled orders	125,892	123,291	124,566	2.1	-1.0	0.9	136,690	125,804	117,849	160,182	1,126,328	1,374,341	-18.0
Durable goods industries	173,174	171,341	173,744	1.1	-1.4	2.3	186,661	174,853	164,767	220,680	1,559,647	1,913,950	-18.5
Wood products.....	7,604	7,512	7,492	1.2	0.3	2.2	8,217	8,099	7,798	8,537	67,830	74,320	-8.7
Nonmetallic mineral products.....	7,499	7,558	7,616	-0.8	-0.8	2.1	8,112	8,239	8,210	9,640	68,462	84,504	-19.0
Primary metals.....	13,643	13,364	13,136	2.1	1.7	7.0	14,735	14,369	13,473	22,850	121,313	205,124	-40.9
Iron and steel mills.....	5,610	5,350	5,230	4.9	2.3	8.5	6,163	5,749	5,436	11,927	49,285	105,698	-53.4
Aluminum and nonferrous metals.....	6,814	6,826	6,784	-0.2	0.6	7.2	7,226	7,382	6,961	8,858	60,886	82,526	-26.2
Ferrous metal foundries.....	1,219	1,188	1,122	2.6	5.9	-0.8	1,346	1,238	1,076	2,065	11,142	16,900	-34.1
Fabricated metal products.....	23,601	23,669	23,823	-0.3	-0.6	1.6	25,175	25,322	23,951	29,301	217,660	252,858	-13.9
Machinery.....	22,471	22,102	22,405	1.7	-1.4	-4.0	23,383	21,538	21,950	30,832	209,972	264,660	-20.7
Farm machinery.....	2,204	2,169	2,228	1.6	-2.6	-6.1	2,150	1,937	2,129	2,924	22,036	22,443	-1.8
Construction machinery.....	1,349	1,300	1,357	3.8	-4.2	-1.4	1,392	1,210	1,326	2,437	13,448	21,780	-38.3
Mining, oil field, and gas field machinery.....	1,288	1,257	1,457	2.5	-13.7	14.4	1,345	1,239	1,341	1,766	12,456	13,937	-10.6
Industrial machinery.....	2,102	2,039	2,050	3.1	-0.5	-10.7	2,240	1,779	2,095	2,933	19,854	26,303	-24.5
Photographic equipment.....	575	602	575	-4.5	4.7	9.1	633	606	566	604	4,833	4,789	0.9
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,222	3,306	3,469	-2.5	-4.7	-0.2	3,546	3,514	3,727	4,114	30,622	36,784	-16.8
Metalworking machinery.....	1,538	1,469	1,520	4.7	-3.4	-2.2	1,690	1,467	1,426	2,557	14,865	21,881	-32.1
Turbines, generators, and other power transmission equipment.....	3,036	2,863	2,599	6.0	10.2	-23.9	3,057	2,833	2,452	4,389	26,905	34,352	-21.7
Material handling equipment.....	1,542	1,590	1,593	-3.0	-0.2	3.8	1,587	1,597	1,573	2,394	14,360	22,787	-37.0
Computers and electronic products.....	28,201	29,235	30,075	-3.5	-2.8	7.9	31,566	28,206	28,487	34,668	252,734	285,077	-11.3
Computers.....	2,346	2,360	2,447	-0.6	-3.6	-0.5	2,348	2,260	2,549	2,779	22,085	27,228	-18.9
Computer storage devices.....	580	591	715	-1.9	-17.3	24.8	921	454	431	1,122	5,006	5,975	-16.2
Other peripheral equipment.....	1,292	1,286	1,281	0.5	0.4	-3.9	1,578	1,172	985	1,641	11,102	11,865	-6.4
Nondefense communications equipment.....	4,075	4,286	4,491	-4.9	-4.6	3.8	5,144	4,175	3,758	6,321	36,473	45,017	-19.0
Defense communications equipment.....	738	815	844	-9.4	-3.4	7.1	805	798	752	780	6,825	5,986	14.0
Audio and video equipment.....	496	489	520	1.4	-6.0	4.0	501	444	470	600	4,086	5,511	-25.9
Semiconductors.....	3,656	4,087	4,469	-10.5	-8.5	51.2	3,059	3,983	5,618	3,461	33,365	44,135	-24.4
Electronic components.....	3,239	3,268	3,355	-0.9	-2.6	2.2	3,727	3,320	3,105	4,293	29,501	35,533	-17.0
Nondefense search and navigation equipment.....	814	866	835	-6.0	3.7	0.4	922	874	749	1,147	7,710	8,885	-13.2
Defense search and navigation equipment.....	2,927	2,921	2,763	0.2	5.7	-3.2	3,042	2,923	2,598	2,774	24,710	24,253	1.9
Electromedical, measuring, and control instruments.....	7,613	7,836	7,924	-2.8	-1.1	5.3	9,050	7,379	7,086	9,157	67,979	66,035	2.9
Electrical equipment, appliances, and components.....	8,141	8,235	8,527	-1.1	-3.4	2.5	8,952	8,508	8,283	11,374	76,189	96,356	-20.9
Electric lighting equipment.....	974	980	990	-0.6	-1.0	7.0	1,099	1,014	955	1,152	8,738	9,256	-5.6
Household appliances.....	1,556	1,605	1,660	-3.1	-3.3	-0.4	1,719	1,657	1,584	2,050	15,040	17,205	-12.6
Electrical equipment.....	2,520	2,527	2,573	-0.3	-1.8	0.1	2,754	2,532	2,466	3,824	23,833	32,284	-26.2
Batteries.....	759	806	811	-5.8	-0.6	6.3	801	806	762	964	6,287	7,215	-12.9
Transportation equipment.....	45,148	42,544	43,064	6.1	-1.2	0.9	48,878	43,341	35,543	53,749	390,996	476,215	-17.9
Automobiles.....	4,337	4,363	4,626	-0.6	-5.7	3.8	4,834	4,727	3,579	7,273	40,176	63,270	-36.5
Light trucks and utility vehicles.....	4,469	4,674	4,648	-4.4	0.6	6.2	4,842	4,935	2,971	8,246	45,442	77,549	-41.4
Heavy duty trucks.....	1,170	1,171	1,067	-0.1	9.7	1.0	1,223	1,146	960	1,442	9,838	12,679	-22.4
Motor vehicle bodies, parts, and trailers.....	13,755	13,282	13,310	3.6	-0.2	2.8	14,508	13,951	11,032	15,673	120,034	147,931	-18.9
Nondefense aircraft and parts.....	8,521	7,097	7,486	20.1	-5.2	2.5	9,337	6,669	6,384	7,979	68,791	74,119	-7.2
Defense aircraft and parts.....	6,529	5,636	5,463	15.8	3.2	-11.8	7,212	5,573	4,842	5,623	49,336	40,613	21.5
Ships and boats.....	1,870	1,852	2,083	1.0	-11.1	13.8	1,883	1,873	1,816	2,122	17,339	20,840	-16.8
Furniture and related products.....	4,930	5,028	5,144	-1.9	-2.3	0.1	5,165	5,459	5,308	6,507	46,661	58,746	-20.6
Miscellaneous durable goods.....	11,936	12,094	12,462	-1.3	-3.0	4.0	12,478	11,772	11,764	13,222	107,830	116,090	-7.1
Nondurable goods industries.....	189,879	188,804	187,207	0.6	0.9	-1.5	196,808	198,065	191,089	228,267	1,686,025	2,097,108	-19.6
Food products.....	49,387	49,084	49,520	0.6	-0.9	-0.7	51,582	50,246	48,515	53,324	443,710	455,828	-2.7
Grain and oilseed milling.....	5,850	5,804	5,972	0.8	-2.8	-3.6	6,162	5,829	6,254	6,491	51,993	53,316	-2.5
Dairy products.....	5,774	5,805	5,736	-0.5	1.2	-0.9	5,904	5,902	5,694	7,110	53,643	65,401	-18.0
Meat, poultry, and seafood products.....	13,869	13,873	14,143	0.0	-1.9	-1.2	14,180	14,567	14,194	15,881	129,284	137,796	-6.2
Beverage and tobacco products.....	11,061	11,098	10,982	-0.3	1.1	-3.1	11,028	11,646	11,072	11,612	100,655	103,255	-2.5
Beverages.....	7,383	7,443	7,397	-0.8	0.6	-0.7	7,350	7,991	7,487	7,868	68,159	70,028	-2.7
Tobacco.....	3,678	3,655	3,585	0.6	2.0	-7.7	3,678	3,655	3,585	3,744	32,496	33,227	-2.2
Textile mills.....	2,240	2,241	2,210	0.0	1.4	-0.2	2,376	2,370	2,182	2,891	20,323	26,188	-22.4
Textile products.....	1,733	1,718	1,728	0.9	-0.6	0.6	1,778	1,867	1,816	2,150	16,252	21,088	-22.9
Apparel.....	2,016	2,032	2,102	-0.8	-3.3	-1.8	2,146	2,167	2,157	2,751	19,024	23,470	-18.9
Leather and allied products.....	410	402	415	2.0	-3.1	-3.5	478	437	417	562	3,789	4,400	-13.9
Paper products.....	12,675	12,717	12,807	-0.3	-0.7	0.0	13,062	13,023	12,904	14,975	116,163	130,572	-11.0
Pulp, paper, and paperboard mills.....	6,084	6,070	6,073	0.2	0.0	-0.5	6,245	6,242	6,158	7,141	55,516	62,987	-11.9
Paperboard containers.....	3,282	3,312	3,422	-0.9	-3.2	-0.3	3,388	3,451	3,525	4,187	31,163	36,908	-15.6
Printing.....	7,160	7,172	7,335	-0.2	-2.2	0.1	7,475	7,263	7,043	8,382	65,618	72,965	-10.1
Petroleum and coal products.....	37,135	36,738	34,831	1.1	5.5	-5.9	39,459	41,599	38,031	56,092	306,397	564,516	-45.7
Petroleum refineries.....	34,315	33,820	32,041	1.5	5.6	-6.5	36,266	38,223	34,806	52,586	280,401	538,083	-47.9
Chemical products.....	50,918	50,376	50,039	1.1	0.7	-0.4	51,590	51,368	51,119	57,375	456,309	532,108	-14.2
Pesticides, fertilizers, and other agricultural chemicals.....	2,838	2,743	2,738	3.5	0.2	-5.4	2,570	2,483	2,490	3,311	28,804	34,378	-16.2
Pharmaceuticals and medicines.....	13,995	14,084	14,322	-0.6	-1.7	-1.7	13,825	13,975	14,307	14,498	127,831	128,831	-0.8
Paints, coatings, and adhesives.....	2,546	2,478	2,535	2.7	-2.2	-0.7	2,626	2,621	2,805	2,722	23,323	25,622	-9.0
Plastics and rubber products.....	15,144	15,226	15,238	-0.5	-0.1	1.7	15,834	16,079	15,833	18,153	137,785	162,718	-15.3

^p Preliminary^r Revised

NA Not available.

¹ Shipments are the totals for the period and are adjusted for trading-day and calendar-month variations.

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

Table 2. Value of Manufacturers' New Orders for Industry Groups**[Millions of Dollars]**

Industry	Seasonally Adjusted						Not Seasonally Adjusted ¹						
	Monthly			Percent Change			Monthly			Year to date			
	Sept. 2009 ^p	Aug. 2009 ^r	July 2009	Aug. - Sept.	July - Aug.	June - July	Sept. 2009 ^p	Aug. 2009 ^r	July 2009	Sept. 2008	2009 ^p	2008	Percent 2009/2008
All manufacturing industries ²	356,088	352,770	355,719	0.9	-0.8	1.4	374,034	363,106	347,435	442,008	3,139,368	4,011,582	-21.7
Excluding transportation ²	315,624	313,115	312,171	0.8	0.3	-0.6	332,270	322,640	313,831	387,186	2,795,473	3,508,994	-20.3
Excluding defense ²	342,179	339,877	342,414	0.7	-0.7	1.0	359,969	351,506	337,457	426,609	3,029,652	3,904,241	-22.4
With unfilled orders ²	122,583	120,003	123,803	2.1	-3.1	5.4	130,314	119,975	115,046	156,704	1,053,389	1,419,000	-25.8
Durable goods industries ²	166,209	163,966	168,512	1.4	-2.7	4.8	177,226	165,041	156,346	213,741	1,453,343	1,914,474	-24.1
Primary metals.....	13,775	13,668	13,506	0.8	1.2	3.3	14,482	14,880	13,933	19,850	118,172	203,258	-41.9
Iron and steel mills.....	5,705	5,559	5,597	2.6	-0.7	-1.2	5,979	6,185	5,879	9,392	48,101	104,633	-54.0
Aluminum and nonferrous metals.....	6,849	6,899	6,833	-0.7	1.0	8.8	7,173	7,455	7,017	8,417	59,625	81,684	-27.0
Ferrous metal foundries.....	1,221	1,210	1,076	0.9	12.5	-4.8	1,330	1,240	1,037	2,041	10,446	16,941	-38.3
Fabricated metal products.....	23,449	23,300	23,282	0.6	0.1	3.4	24,594	24,389	23,296	28,335	209,516	254,627	-17.7
Machinery.....	23,506	21,793	21,517	7.9	1.3	-7.7	24,557	20,586	21,494	30,496	198,947	279,550	-28.8
Construction machinery.....	1,508	1,023	1,231	47.4	-16.9	9.6	1,504	857	1,192	2,418	9,015	25,407	-64.5
Mining, oil field, and gas field machinery.....	1,174	954	1,260	23.1	-24.3	5.7	1,204	982	1,201	1,981	10,210	16,516	-38.2
Industrial machinery.....	1,964	2,155	1,670	-8.9	29.0	-27.1	1,909	1,659	1,946	2,578	16,103	27,688	-41.8
Photographic equipment.....	570	584	586	-2.4	-0.3	12.0	684	580	569	776	4,845	5,157	-6.1
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,913	3,596	3,433	8.8	4.7	-13.2	4,498	3,763	4,005	3,892	34,579	40,513	-14.6
Metalworking machinery.....	1,549	1,529	1,399	1.3	9.3	-6.9	1,678	1,522	1,296	2,511	13,722	22,816	-39.9
Turbines, generators, and other power transmission equipment.....	3,563	2,833	2,706	25.8	4.7	-15.2	3,446	2,624	2,611	4,047	25,847	34,904	-25.9
Material handling equipment.....	1,490	1,619	1,591	-8.0	1.8	5.2	1,705	1,487	1,355	2,559	13,213	22,780	-42.0
Computers and electronic products ²	25,041	25,135	25,544	-0.4	-1.6	1.6	29,386	23,147	22,432	31,811	218,229	243,153	-10.3
Computers.....	2,563	2,474	2,493	3.6	-0.8	-9.5	2,565	2,374	2,595	2,799	22,182	27,435	-19.1
Nondefense communications equipment.....	4,214	4,599	4,810	-8.4	-4.4	4.8	5,442	4,165	3,967	6,033	37,374	45,071	-17.1
Defense communications equipment.....	764	755	575	1.2	31.3	72.7	975	517	453	951	6,906	6,597	4.7
Semiconductors ²	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	3,506	3,395	3,535	3.3	-4.0	4.5	3,899	3,646	3,317	4,169	30,033	36,117	-16.8
Nondefense search and navigation equipment.....	625	632	684	-1.1	-7.6	-10.7	791	622	583	1,178	6,750	9,877	-31.7
Defense search and navigation equipment.....	2,718	2,780	2,880	-2.2	-3.5	-1.7	3,008	2,326	2,353	3,483	24,558	23,835	3.0
Electromedical, measuring, and control instruments.....	7,858	7,704	7,620	2.0	1.1	1.2	9,237	7,003	6,892	9,242	66,340	66,216	0.2
Electrical equipment, appliances, and components.....	8,125	8,267	8,413	-1.7	-1.7	4.1	8,565	8,370	8,475	10,651	74,425	97,659	-23.8
Electric lighting equipment.....	1,105	1,065	1,020	3.8	4.4	22.3	1,139	1,088	1,005	1,145	8,718	9,611	-9.3
Household appliances.....	1,553	1,575	1,713	-1.4	-8.1	4.5	1,684	1,652	1,691	2,046	15,154	17,324	-12.5
Electrical equipment.....	2,390	2,399	2,434	-0.4	-1.4	-3.9	2,476	2,315	2,535	3,490	22,335	33,105	-32.5
Transportation equipment.....	40,464	39,655	43,548	2.0	-8.9	17.8	41,764	40,466	33,604	54,822	343,895	502,588	-31.6
Motor vehicle bodies, parts, and trailers.....	13,636	13,265	12,721	2.8	4.3	-0.3	14,207	13,667	10,836	15,118	118,023	146,003	-19.2
Nondefense aircraft and parts.....	4,908	4,921	8,790	-0.3	-44.0	98.1	4,675	5,129	6,523	8,764	37,983	99,055	-61.7
Defense aircraft and parts.....	5,649	4,956	5,622	14.0	-11.8	-20.6	5,602	4,365	4,784	5,617	46,616	42,496	9.7
Ships and boats.....	1,675	1,930	1,909	-13.2	1.1	43.2	1,502	2,057	1,005	3,708	12,838	21,560	-40.5
Furniture and related products.....	4,812	4,897	4,968	-1.7	-1.4	0.3	5,073	5,006	5,176	6,351	46,666	59,329	-21.3
Nondurable goods industries.....	189,879	188,804	187,207	0.6	0.9	-1.5	196,808	198,065	191,089	228,267	1,686,025	2,097,108	-19.6

^p Preliminary^r Revised

NA Not available.

¹ New orders are the totals for the period and are adjusted for trading-day and calendar-month variations.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 Groups

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Sept. 09/08
	Sept. 2009 ^P	Aug. 2009 ^F	July 2009	Aug. - Sept.	July - Aug.	June - July	Sept. 2009 ^P	Aug. 2009 ^F	July 2009	Sept. 2008	
All manufacturing industries ¹	733,325	736,634	739,922	-0.4	-0.4	-0.1	725,814	732,190	738,019	816,475	-11.1
Excluding transportation ¹	306,834	305,459	305,858	0.5	-0.1	-0.4	305,080	304,342	307,296	353,307	-13.7
Excluding defense ¹	576,994	579,640	582,024	-0.5	-0.4	-0.1	573,117	577,917	581,717	661,118	-13.3
Durable goods industries ¹	733,325	736,634	739,922	-0.4	-0.4	-0.1	725,814	732,190	738,019	816,475	-11.1
Primary metals.....	15,139	15,007	14,703	0.9	2.1	2.6	15,186	15,439	14,928	25,397	-40.2
Iron and steel mills.....	8,019	7,924	7,715	1.2	2.7	5.0	8,164	8,348	7,912	15,385	-46.9
Aluminum and nonferrous metals.....	5,024	4,989	4,916	0.7	1.5	1.0	4,967	5,020	4,947	7,035	-29.4
Ferrous metal foundries.....	2,096	2,094	2,072	0.1	1.1	-2.2	2,055	2,071	2,069	2,977	-31.0
Fabricated metal products.....	48,773	48,925	49,294	-0.3	-0.7	-1.1	48,591	49,172	50,105	61,188	-20.6
Machinery.....	87,395	86,360	86,669	1.2	-0.4	-1.0	86,886	85,712	86,664	105,277	-17.5
Construction machinery.....	8,332	8,173	8,450	1.9	-3.3	-1.5	8,099	7,987	8,340	14,703	-44.9
Mining, oil field, and gas field machinery.....	5,050	5,164	5,467	-2.2	-5.5	-3.5	5,035	5,176	5,433	7,410	-32.1
Industrial machinery.....	10,937	11,075	10,959	-1.2	1.1	-3.4	10,670	11,001	11,121	16,296	-34.5
Photographic equipment.....	1,788	1,793	1,811	-0.3	-1.0	0.6	1,809	1,758	1,784	1,874	-3.5
Ventilation, heating, air-conditioning, and refrigeration equipment.....	19,640	18,949	18,659	3.6	1.6	-0.2	20,106	19,154	18,905	17,227	16.7
Metalworking machinery.....	6,706	6,695	6,635	0.2	0.9	-1.8	6,672	6,684	6,629	8,614	-22.5
Turbines, generators, and other power transmission equipment.....	13,900	13,373	13,403	3.9	-0.2	0.8	13,659	13,270	13,479	14,080	-3.0
Material handling equipment.....	8,023	8,075	8,046	-0.6	0.4	0.0	7,924	7,806	7,916	9,899	-20.0
Computers and electronic products ¹	124,462	123,966	123,979	0.4	0.0	0.0	123,439	122,560	123,636	123,978	-0.4
Computers.....	4,187	3,970	3,856	5.5	3.0	1.2	4,187	3,970	3,856	3,924	6.7
Nondefense communications equipment.....	29,439	29,300	28,987	0.5	1.1	1.1	29,263	28,965	28,975	28,781	1.7
Defense communications equipment.....	8,494	8,468	8,528	0.3	-0.7	-3.1	8,473	8,303	8,584	8,301	2.1
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	10,525	10,258	10,131	2.6	1.3	1.8	10,612	10,440	10,114	10,840	-2.1
Nondefense search and navigation equipment.....	7,843	8,032	8,266	-2.4	-2.8	-1.8	7,774	7,905	8,157	7,593	2.4
Defense search and navigation equipment.....	37,367	37,576	37,717	-0.6	-0.4	0.3	36,781	36,815	37,412	36,783	0.0
Electromedical, measuring, and control instruments.....	26,607	26,362	26,494	0.9	-0.5	-1.1	26,349	26,162	26,538	27,756	-5.1
Electrical equipment, appliances, and components.....	20,008	20,024	19,992	-0.1	0.2	-0.6	19,835	20,222	20,360	24,367	-18.6
Electric lighting equipment.....	2,006	1,875	1,790	7.0	4.7	1.7	2,000	1,960	1,886	2,711	-26.2
Household appliances.....	461	464	494	-0.6	-6.1	12.0	447	482	487	691	-35.3
Electrical equipment.....	12,834	12,964	13,092	-1.0	-1.0	-1.1	12,799	13,077	13,294	15,550	-17.7
Transportation equipment.....	426,491	431,175	434,064	-1.1	-0.7	0.1	420,734	427,848	430,723	463,168	-9.2
Motor vehicle bodies, parts, and trailers.....	13,843	13,962	13,979	-0.9	-0.1	-4.0	13,638	13,939	14,223	16,637	-18.0
Nondefense aircraft and parts.....	279,945	283,558	285,734	-1.3	-0.8	0.5	277,302	281,964	283,504	305,551	-9.2
Defense aircraft and parts.....	46,796	47,676	48,356	-1.8	-1.4	0.3	45,507	47,117	48,325	45,185	0.7
Ships and boats.....	19,140	19,335	19,257	-1.0	0.4	-0.9	18,443	18,824	18,640	20,723	-11.0
Furniture and related products.....	5,706	5,824	5,955	-2.0	-2.2	-2.9	5,792	5,884	6,337	7,347	-21.2

^P Preliminary ^F Revised NA Not available.¹ 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 Groups

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Sept. 09/08
	Sept. 2009 ^p	Aug. 2009 ^r	July 2009	Aug. - Sept.	July - Aug.	June - July	Sept. 2009 ^p	Aug. 2009 ^r	July 2009	Sept. 2008	
All manufacturing industries	492,648	497,473	502,174	-1.0	-0.9	-0.9	493,409	501,306	503,996	559,375	-11.8
Excluding transportation	403,641	406,375	408,179	-0.7	-0.4	-1.3	404,635	409,274	409,210	470,734	-14.0
Excluding defense	466,746	471,269	475,920	-1.0	-1.0	-1.0	467,503	475,089	477,693	534,992	-12.6
With unfilled orders	245,078	247,827	252,037	-1.1	-1.7	-1.0	244,259	249,385	252,961	271,925	-10.2
Durable goods industries	304,920	308,133	312,884	-1.0	-1.5	-1.2	303,618	309,897	313,797	338,638	-10.3
Wood products	9,451	9,582	9,639	-1.4	-0.6	-1.1	9,517	9,572	9,492	10,712	-11.2
Nonmetallic mineral products	11,036	11,089	11,159	-0.5	-0.6	-2.1	10,834	11,002	11,187	11,810	-8.3
Primary metals	25,464	25,366	25,475	0.4	-0.4	-2.7	25,751	25,600	25,670	35,268	-27.0
Iron and steel mills	14,116	14,077	14,226	0.3	-1.0	-3.9	14,340	14,200	14,349	20,570	-30.3
Aluminum and nonferrous metals	9,101	9,005	8,955	1.1	0.6	-1.0	9,236	9,172	9,101	12,013	-23.1
Ferrous metal foundries	2,247	2,284	2,294	-1.6	-0.4	-2.3	2,175	2,228	2,220	2,685	-19.0
Fabricated metal products	36,971	37,395	37,888	-1.1	-1.3	-2.1	36,866	37,347	38,001	44,847	-17.8
Machinery	48,540	49,017	49,528	-1.0	-1.0	-2.4	47,921	48,856	49,052	54,225	-11.6
Farm machinery	2,963	3,033	3,037	-2.3	-0.1	-4.6	2,658	2,780	2,848	2,944	-9.7
Construction machinery	4,982	5,004	4,985	-0.4	0.4	-0.9	4,963	4,921	4,906	5,748	-13.7
Mining, oil field, and gas field machinery	4,599	4,637	4,670	-0.8	-0.7	-2.5	4,555	4,674	4,722	4,540	0.3
Industrial machinery	6,143	6,170	6,303	-0.4	-2.1	-1.6	6,130	6,271	6,264	6,900	-11.2
Photographic equipment	1,482	1,530	1,489	-3.1	2.8	1.9	1,466	1,537	1,489	1,345	9.0
Ventilation, heating, air-conditioning, and refrigeration equipment	3,717	3,812	3,975	-2.5	-4.1	-2.1	3,659	3,818	3,923	4,740	-22.8
Metalworking machinery	4,330	4,426	4,528	-2.2	-2.3	-4.6	4,370	4,501	4,541	5,361	-18.5
Turbines, generators, and other power transmission equipment	5,098	5,118	5,118	-0.4	0.0	-4.2	5,098	5,213	5,111	6,104	-16.5
Material handling equipment	2,761	2,794	2,863	-1.2	-2.4	-2.1	2,726	2,763	2,828	3,393	-19.7
Computers and electronic products	43,487	43,378	43,562	0.3	-0.4	-1.6	43,270	44,091	43,758	46,739	-7.4
Computers	1,070	1,082	1,036	-1.1	4.4	1.0	1,151	1,167	1,004	1,426	-19.3
Computer storage devices	1,180	1,191	1,219	-0.9	-2.3	-3.9	1,115	1,253	1,240	1,493	-25.3
Other peripheral equipment	1,860	1,925	1,985	-3.4	-3.0	-2.5	1,805	2,018	2,033	2,102	-14.1
Nondefense communications equipment	6,969	7,006	7,145	-0.5	-1.9	-3.4	6,836	7,033	7,068	7,878	-13.2
Defense communications equipment	2,340	2,254	2,158	3.8	4.4	1.2	2,340	2,254	2,158	1,632	43.4
Audio and video equipment	732	719	696	1.8	3.3	-1.0	809	747	681	992	-18.4
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components	5,946	5,985	6,017	-0.7	-0.5	-1.3	5,917	6,063	6,118	6,623	-10.7
Nondefense search and navigation equipment	5,049	4,919	4,748	2.6	3.6	-1.9	5,210	4,965	4,772	5,185	0.5
Defense search and navigation equipment	3,528	3,499	3,550	0.8	-1.4	1.4	3,504	3,525	3,554	3,584	-2.2
Electromedical, measuring and control instruments	10,498	10,584	10,671	-0.8	-0.8	-0.3	10,288	10,765	10,681	10,495	-2.0
Electrical equipment, appliances, and components	12,506	12,603	12,759	-0.8	-1.2	-1.2	12,221	12,570	12,784	14,918	-18.1
Electric lighting equipment	1,463	1,483	1,505	-1.3	-1.5	4.1	1,414	1,506	1,541	1,702	-16.9
Household appliances	2,093	2,086	2,095	0.3	-0.4	0.3	2,075	2,082	2,121	2,030	2.2
Electrical equipment	3,819	3,869	3,926	-1.3	-1.5	-4.5	3,643	3,794	3,824	5,077	-28.2
Batteries	719	712	710	1.0	0.3	-0.4	740	740	735	657	12.6
Transportation equipment	89,007	91,098	93,995	-2.3	-3.1	0.8	88,774	92,032	94,786	88,641	0.2
Automobiles	1,742	1,781	1,783	-2.2	-0.1	-2.5	1,749	1,827	1,872	2,610	-33.0
Light trucks and utility vehicles	1,627	1,686	1,755	-3.5	-3.9	0.1	1,718	1,757	1,746	2,678	-35.8
Heavy duty trucks	1,441	1,445	1,473	-0.3	-1.9	-0.3	1,468	1,505	1,508	1,638	-10.4
Motor vehicle bodies, parts, and trailers	13,381	13,479	13,583	-0.7	-0.8	-0.9	13,270	13,460	13,664	15,941	-16.8
Nondefense aircraft and parts	44,394	45,869	48,199	-3.2	-4.8	1.1	44,254	46,476	48,655	40,657	8.8
Defense aircraft and parts	15,440	15,901	15,797	-2.9	0.7	1.7	15,489	15,972	15,877	14,035	10.4
Ships and boats	2,565	2,564	2,672	0.0	-4.0	0.1	2,548	2,511	2,608	2,893	-11.9
Furniture and related products	6,243	6,272	6,343	-0.5	-1.1	-2.1	6,216	6,302	6,445	7,874	-21.1
Miscellaneous durable goods	22,215	22,333	22,536	-0.5	-0.9	-2.0	22,248	22,525	22,622	23,604	-5.7
Nondurable goods industries	187,728	189,340	189,290	-0.9	0.0	-0.4	189,791	191,409	190,199	220,737	-14.0
Food products	34,936	35,374	35,497	-1.2	-0.3	-0.2	35,528	35,598	35,041	37,906	-6.3
Grain and oilseed milling	4,224	4,301	4,411	-1.8	-2.5	-4.3	4,135	4,216	4,332	4,628	-10.7
Dairy products	4,216	4,271	4,264	-1.3	0.2	-0.4	4,211	4,359	4,427	4,448	-5.3
Meat, poultry, and seafood products	6,829	6,958	6,997	-1.9	-0.6	0.0	6,932	7,004	6,951	7,736	-10.4
Beverage and tobacco products	15,400	15,438	15,418	-0.2	0.1	0.2	15,429	14,932	14,809	15,183	1.6
Beverages	11,400	11,432	11,390	-0.3	0.4	0.1	11,525	11,172	11,019	11,437	0.8
Tobacco	4,000	4,006	4,028	-0.1	-0.5	0.4	3,904	3,904	3,790	3,746	4.2
Textile mills	2,987	3,052	3,130	-2.1	-2.5	-3.3	2,964	3,032	3,107	3,687	-19.6
Textile products	2,678	2,695	2,707	-0.6	-0.4	-0.7	2,709	2,713	2,711	3,316	-18.3
Apparel	3,642	3,706	3,805	-1.7	-2.6	-1.9	3,795	3,870	3,993	4,618	-17.8
Leather and allied products	1,000	1,028	1,049	-2.7	-2.0	-1.1	1,006	1,045	1,062	1,039	-3.2
Paper products	13,808	13,824	13,751	-0.1	0.5	-0.3	13,682	13,763	13,658	15,386	-11.1
Pulp, paper, and paperboard mills	6,055	6,039	5,970	0.3	1.2	0.2	5,954	5,998	5,912	6,724	-11.5
Paperboard containers	3,775	3,797	3,797	-0.6	0.0	-1.0	3,739	3,761	3,762	4,275	-12.5
Printing	5,587	5,604	5,612	-0.3	-0.1	-2.0	5,807	5,799	5,763	7,024	-17.3
Petroleum and coal products	25,969	27,108	26,707	-4.2	1.5	1.0	27,316	28,716	27,969	41,419	-34.0
Petroleum refineries	23,912	25,100	24,616	-4.7	2.0	1.6	25,270	26,699	25,853	38,778	-34.8
Chemical products	63,055	62,824	62,733	0.4	0.1	-0.5	62,737	63,265	63,237	68,410	-8.3
Pesticides, fertilizers, and other agricultural chemicals	3,215	3,223	3,177	-0.2	1.4	0.4	2,821	2,838	2,857	2,937	-3.9
Pharmaceuticals and medicines	24,197	24,281	24,168	-0.3	0.5	-0.6	24,324	24,805	24,613	24,146	0.7
Paints, coatings, and adhesives	2,901	2,919	2,946	-0.6	-0.9	-0.2	2,846	2,930	2,990	3,115	-8.6
Plastics and rubber products	18,666	18,687	18,881	-0.1	-1.0	-2.0	18,818	18,676	18,849	22,749	-17.3

^p Preliminary^r Revised

NA Not available.

¹ 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

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted ²						
	Monthly			Percent Change			Monthly				Year to date		Percent Change ⁶ 2009/ 2008
	Sept. 2009 ^p	Aug. 2009 ^r	July 2009	Aug. - Sept.	July - Aug.	June - July	Sept. 2009 ^p	Aug. 2009 ^r	July 2009	Sept. 2008	2009 ^p	2008	
SHIPMENTS													
All manufacturing industries	363,053	360,145	360,951	0.8	-0.2	0.3	383,469	372,918	355,856	448,947	3,245,672	4,011,058	-19.1
Construction materials and supplies.....	37,688	37,776	38,094	-0.2	-0.8	1.4	40,894	40,831	40,107	46,505	345,811	401,122	-13.8
Information technology.....	24,213	24,799	25,319	-2.4	-2.1	3.1	27,992	24,008	22,846	30,902	216,992	240,594	-9.8
Computers and related products	4,218	4,237	4,443	-0.4	-4.6	1.8	4,847	3,886	3,965	5,542	38,193	45,068	-15.3
Motor vehicle and parts.....	23,731	23,490	23,651	1.0	-0.7	3.6	25,407	24,759	18,542	32,634	215,490	301,429	-28.5
Capital goods.....	67,926	66,111	67,293	2.7	-1.8	-0.2	73,861	64,467	62,557	82,737	602,751	686,608	-12.2
Nondefense capital goods ³	56,614	55,365	56,844	2.3	-2.6	0.6	61,901	53,744	52,862	73,180	510,300	606,921	-15.9
Excluding aircraft.....	51,653	51,745	52,921	-0.2	-2.2	0.3	56,447	50,395	49,730	69,075	473,691	567,224	-16.5
Defense capital goods ⁴	11,312	10,746	10,449	5.3	2.8	-4.0	11,960	10,723	9,695	9,557	92,451	79,687	16.0
Consumer goods.....	144,563	144,264	143,683	0.2	0.4	-1.7	150,603	151,434	142,175	180,146	1,285,955	1,654,684	-22.3
Consumer durable goods.....	20,747	21,208	21,813	-2.2	-2.8	3.8	22,341	21,846	18,270	30,406	196,137	273,275	-28.2
Consumer nondurable goods.....	123,816	123,056	121,870	0.6	1.0	-2.6	128,262	129,588	123,905	149,740	1,089,818	1,381,409	-21.1
NEW ORDERS													
All manufacturing industries ⁵	356,088	352,770	355,719	0.9	-0.8	1.4	374,034	363,106	347,435	442,008	3,139,368	4,011,582	-21.7
Construction materials and supplies.....	38,080	37,908	37,800	0.5	0.3	0.8	41,282	40,680	40,028	45,558	343,504	405,938	-15.4
Information technology.....	24,423	24,746	25,030	-1.3	-1.1	1.8	28,636	22,590	22,166	31,424	214,972	242,597	-11.4
Computers and related products	4,435	4,351	4,489	1.9	-3.1	-3.7	5,064	4,000	4,011	5,562	38,290	45,275	-15.4
Motor vehicle and parts.....	23,612	23,473	23,062	0.6	1.8	1.9	25,106	24,475	18,346	32,079	213,479	299,501	-28.7
Capital goods.....	64,428	62,200	66,564	3.6	-6.6	8.2	68,167	58,446	59,073	82,827	541,059	726,129	-25.5
Nondefense capital goods ³	53,498	52,286	56,725	2.3	-7.8	7.0	57,362	49,463	51,949	71,141	457,229	643,590	-29.0
Excluding aircraft.....	52,002	51,069	51,566	1.8	-1.0	-1.3	56,383	47,890	48,519	67,017	453,624	581,297	-22.0
Defense capital goods ⁴	10,930	9,914	9,839	10.2	0.8	15.9	10,805	8,983	7,124	11,686	83,830	82,539	1.6
Consumer goods.....	144,497	144,306	143,860	0.1	0.3	-1.6	150,522	151,430	142,512	180,146	1,285,458	1,653,974	-22.3
Consumer durable goods.....	20,681	21,250	21,990	-2.7	-3.4	4.6	22,260	21,842	18,607	30,406	195,640	272,565	-28.2
Consumer nondurable goods.....	123,816	123,056	121,870	0.6	1.0	-2.6	128,262	129,588	123,905	149,740	1,089,818	1,381,409	-21.1
UNFILLED ORDERS													
All manufacturing industries ⁵	733,325	736,634	739,922	-0.4	-0.4	-0.1	725,814	732,190	738,019	816,475	(X)	(X)	-11.1
Construction materials and supplies.....	47,548	47,156	47,024	0.8	0.3	-0.6	48,077	47,689	47,840	55,384	(X)	(X)	-13.2
Information technology.....	120,432	120,222	120,275	0.2	0.0	-0.2	119,225	118,581	119,999	120,427	(X)	(X)	-1.0
Computers and related products	4,187	3,970	3,856	5.5	3.0	1.2	4,187	3,970	3,856	3,924	(X)	(X)	6.7
Motor vehicle and parts.....	13,843	13,962	13,979	-0.9	-0.1	-4.0	13,638	13,939	14,223	16,637	(X)	(X)	-18.0
Capital goods.....	559,664	563,162	567,073	-0.6	-0.7	-0.1	552,243	557,937	563,958	614,978	(X)	(X)	-10.2
Nondefense capital goods ³	419,391	422,507	425,586	-0.7	-0.7	0.0	415,199	419,738	424,019	475,484	(X)	(X)	-12.7
Excluding aircraft.....	174,823	174,474	175,150	0.2	-0.4	-0.8	173,115	173,179	175,684	202,857	(X)	(X)	-14.7
Defense capital goods ⁴	140,273	140,655	141,487	-0.3	-0.6	-0.4	137,044	138,199	139,939	139,494	(X)	(X)	-1.8
Consumer goods.....	7,524	7,590	7,548	-0.9	0.6	2.4	7,500	7,581	7,585	8,454	(X)	(X)	-11.3
Consumer durable goods.....	7,524	7,590	7,548	-0.9	0.6	2.4	7,500	7,581	7,585	8,454	(X)	(X)	-11.3
TOTAL INVENTORIES													
All manufacturing industries	492,648	497,473	502,174	-1.0	-0.9	-0.9	493,409	501,306	503,996	559,375	(X)	(X)	-11.8
Construction materials and supplies.....	51,333	51,797	52,409	-0.9	-1.2	-1.8	51,174	51,822	52,437	61,020	(X)	(X)	-16.1
Information technology.....	39,492	39,541	39,607	-0.1	-0.2	-1.0	39,272	40,119	39,643	42,087	(X)	(X)	-6.7
Computers and related products	4,110	4,198	4,240	-2.1	-1.0	-2.1	4,071	4,438	4,277	5,021	(X)	(X)	-18.9
Motor vehicle and parts.....	18,191	18,391	18,594	-1.1	-1.1	-0.9	18,205	18,549	18,790	22,867	(X)	(X)	-20.4
Capital goods.....	152,276	154,880	157,648	-1.7	-1.8	-1.1	151,233	155,967	157,853	158,534	(X)	(X)	-4.6
Nondefense capital goods ³	132,507	134,753	137,421	-1.7	-1.9	-1.4	131,509	135,898	137,657	139,664	(X)	(X)	-5.8
Excluding aircraft.....	97,782	98,416	99,142	-0.6	-0.7	-2.1	96,822	99,048	98,972	107,804	(X)	(X)	-10.2
Defense capital goods ⁴	19,769	20,127	20,227	-1.8	-0.5	0.9	19,724	20,069	20,196	18,870	(X)	(X)	4.5
Consumer goods.....	140,720	142,805	142,632	-1.5	0.1	-0.3	143,007	145,052	143,435	166,402	(X)	(X)	-14.1
Consumer durable goods.....	23,923	24,178	24,418	-1.1	-1.0	-1.7	23,976	24,373	24,432	28,910	(X)	(X)	-17.1
Consumer nondurable goods.....	116,797	118,627	118,214	-1.5	0.3	0.0	119,031	120,679	119,003	137,492	(X)	(X)	-13.4

^p Preliminary ^r Revised X Not Applicable.

¹ Topical series are regroupings of the separate industry categories.

² Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations.

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 Group**[Millions of Dollars]**

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Sept. 09/08
	Sept. 2009 ^p	Aug. 2009 ^f	July 2009	Aug. - Sept.	July - Aug.	June - July	Sept. 2009 ^p	Aug. 2009 ^f	July 2009	Sept. 2008	
<u>MATERIALS AND SUPPLIES</u>											
All manufacturing industries.....	166,013	167,186	168,357	-0.7	-0.7	-1.1	166,363	167,784	169,195	193,210	-13.9
Durable goods industries.....	102,278	102,977	103,899	-0.7	-0.9	-2.1	102,405	103,377	104,437	116,723	-12.3
Wood products.....	3,745	3,841	3,916	-2.5	-1.9	-3.2	3,857	3,831	3,789	4,499	-14.3
Nonmetallic mineral products.....	4,573	4,610	4,663	-0.8	-1.1	-0.7	4,573	4,622	4,685	4,902	-6.7
Primary metals.....	11,169	11,334	11,904	-1.5	-4.8	-4.7	11,309	11,387	11,915	13,982	-19.1
Fabricated metal products.....	13,789	13,879	13,764	-0.6	0.8	-3.4	13,861	13,762	13,789	17,268	-19.7
Machinery.....	19,265	19,291	19,432	-0.1	-0.7	-2.1	19,061	19,254	19,470	20,996	-9.2
Computers and electronic products.....	13,831	13,847	13,831	-0.1	0.1	-1.0	13,996	14,100	13,864	15,781	-11.3
Electrical equipment, appliances, and components.....	4,690	4,742	4,888	-1.1	-3.0	-2.6	4,592	4,706	4,891	6,074	-24.4
Transportation equipment.....	20,810	21,035	21,021	-1.1	0.1	-0.3	20,787	21,248	21,467	21,821	-4.7
Furniture and related products.....	3,027	3,042	3,071	-0.5	-0.9	-3.0	3,010	3,041	3,098	3,781	-20.4
Miscellaneous products.....	7,379	7,356	7,409	0.3	-0.7	-1.5	7,359	7,426	7,469	7,619	-3.4
Nondurable goods industries.....	63,735	64,209	64,458	-0.7	-0.4	0.5	63,958	64,407	64,758	76,487	-16.4
Food products.....	12,952	13,087	13,284	-1.0	-1.5	-1.3	12,656	12,738	13,129	13,367	-5.3
Beverage and tobacco products.....	4,397	4,379	4,410	0.4	-0.7	0.2	4,343	4,184	4,253	4,412	-1.6
Textiles.....	947	959	977	-1.3	-1.8	-1.0	946	955	971	1,155	-18.1
Textile products.....	1,037	1,037	1,046	0.0	-0.9	-0.9	1,054	1,044	1,057	1,337	-21.2
Apparel.....	912	938	965	-2.8	-2.8	-1.6	918	943	977	1,077	-14.8
Leather and allied products.....	385	387	389	-0.5	-0.5	-0.8	389	390	393	368	5.7
Paper products.....	6,874	6,811	6,724	0.9	1.3	1.1	6,832	6,760	6,633	7,415	-7.9
Printing.....	2,486	2,482	2,492	0.2	-0.4	-2.4	2,564	2,520	2,530	3,203	-20.0
Petroleum and coal products.....	7,390	7,951	7,794	-7.1	2.0	4.8	7,719	8,423	8,209	12,635	-38.9
Chemical products.....	18,886	18,806	18,864	0.4	-0.3	1.4	18,920	18,980	19,000	22,227	-14.9
Plastics and rubber products.....	7,469	7,372	7,513	1.3	-1.9	-1.2	7,617	7,470	7,606	9,291	-18.0
<u>WORK IN PROCESS</u>											
All manufacturing industries.....	156,944	158,438	160,820	-0.9	-1.5	-0.4	156,995	159,679	161,318	166,119	-5.5
Durable goods industries.....	119,940	121,313	124,133	-1.1	-2.3	-0.3	119,717	122,442	124,662	124,488	-3.8
Wood products.....	1,703	1,685	1,666	1.1	1.1	0.4	1,713	1,708	1,675	1,932	-11.3
Nonmetallic mineral products.....	1,363	1,356	1,342	0.5	1.0	-2.6	1,328	1,334	1,334	1,322	0.5
Primary metals.....	7,590	7,479	7,087	1.5	5.5	-0.4	7,757	7,705	7,300	10,752	-27.9
Fabricated metal products.....	11,250	11,120	11,538	1.2	-3.6	-1.5	11,331	11,169	11,648	13,489	-16.0
Machinery.....	13,558	13,755	13,902	-1.4	-1.1	-2.8	13,616	13,907	13,766	15,767	-13.6
Computers and electronic products.....	20,605	20,496	20,685	0.5	-0.9	-1.9	20,261	20,699	20,813	20,874	-2.9
Electrical equipment, appliances, and components.....	2,548	2,574	2,571	-1.0	0.1	-0.5	2,474	2,599	2,596	3,061	-19.2
Transportation equipment.....	57,178	58,630	61,104	-2.5	-4.0	1.3	57,096	59,061	61,245	52,496	8.8
Furniture and related products.....	1,102	1,111	1,100	-0.8	1.0	-2.3	1,096	1,110	1,109	1,290	-15.0
Miscellaneous products.....	3,043	3,107	3,138	-2.1	-1.0	-2.5	3,045	3,150	3,176	3,505	-13.1
Nondurable goods industries.....	37,004	37,125	36,687	-0.3	1.2	-0.8	37,278	37,237	36,656	41,631	-10.5
Food products.....	2,117	2,116	2,142	0.0	-1.2	-1.8	2,014	1,882	1,879	2,262	-11.0
Beverage and tobacco products.....	4,474	4,480	4,457	-0.1	0.5	-0.8	4,473	4,082	4,009	4,263	4.9
Textiles.....	669	676	664	-1.0	1.8	-4.3	676	681	667	917	-26.3
Textile products.....	340	336	336	1.2	0.0	0.6	348	337	337	418	-16.7
Apparel.....	526	532	549	-1.1	-3.1	-0.5	539	552	569	657	-18.0
Leather and allied products.....	82	81	82	1.2	-1.2	2.5	83	82	82	96	-13.5
Paper products.....	1,227	1,256	1,277	-2.3	-1.6	-3.8	1,224	1,278	1,284	1,558	-21.4
Printing.....	1,448	1,455	1,430	-0.5	1.7	-0.9	1,592	1,555	1,496	1,848	-13.9
Petroleum and coal products.....	8,592	8,580	8,309	0.1	3.3	-0.7	8,830	8,870	8,628	12,432	-29.0
Chemical products.....	15,263	15,373	15,201	-0.7	1.1	-0.3	15,218	15,689	15,483	14,647	3.9
Plastics and rubber products.....	2,266	2,240	2,240	1.2	0.0	-0.2	2,281	2,229	2,222	2,533	-9.9
<u>FINISHED GOODS</u>											
All manufacturing industries.....	169,691	171,849	172,997	-1.3	-0.7	-1.2	170,051	173,843	173,483	200,046	-15.0
Durable goods industries.....	82,702	83,843	84,852	-1.4	-1.2	-1.4	81,496	84,078	84,698	97,427	-16.4
Wood products.....	4,003	4,056	4,057	-1.3	0.0	0.5	3,947	4,033	4,028	4,281	-7.8
Nonmetallic mineral products.....	5,100	5,123	5,154	-0.4	-0.6	-3.3	4,933	5,046	5,168	5,886	-11.7
Primary metals.....	6,705	6,553	6,484	2.3	1.1	-1.7	6,685	6,508	6,455	10,534	-36.5
Fabricated metal products.....	11,932	12,396	12,586	-3.7	-1.5	-1.1	11,674	12,416	12,564	14,090	-17.1
Machinery.....	15,717	15,971	16,194	-1.6	-1.4	-2.4	15,244	15,695	15,816	17,462	-12.7
Computers and electronic products.....	9,051	9,035	9,046	0.2	-0.1	-1.8	9,013	9,292	9,081	10,084	-10.6
Electrical equipment, appliances, and components.....	5,268	5,287	5,300	-0.4	-0.2	-0.3	5,155	5,265	5,297	5,783	-10.9
Transportation equipment.....	11,019	11,433	11,870	-3.6	-3.7	0.3	10,891	11,723	12,074	14,324	-24.0
Furniture and related products.....	2,114	2,119	2,172	-0.2	-2.4	-0.8	2,110	2,151	2,238	2,803	-24.7
Miscellaneous products.....	11,793	11,870	11,989	-0.6	-1.0	-2.2	11,844	11,949	11,977	12,480	-5.1
Nondurable goods industries.....	86,989	88,006	88,145	-1.2	-0.2	-1.0	88,555	89,765	88,785	102,619	-13.7
Food products.....	19,867	20,171	20,071	-1.5	0.5	0.8	20,858	20,978	20,033	22,277	-6.4
Beverage and tobacco products.....	6,529	6,579	6,551	-0.8	0.4	0.7	6,613	6,666	6,547	6,508	1.6
Textiles.....	1,371	1,417	1,489	-3.2	-4.8	-4.4	1,342	1,396	1,469	1,615	-16.9
Textile products.....	1,301	1,322	1,325	-1.6	-0.2	-0.8	1,307	1,332	1,317	1,561	-16.3
Apparel.....	2,204	2,236	2,291	-1.4	-2.4	-2.3	2,338	2,375	2,447	2,884	-18.9
Leather and allied products.....	533	560	578	-4.8	-3.1	-1.9	534	573	587	575	-7.1
Paper products.....	5,707	5,757	5,750	-0.9	0.1	-1.0	5,626	5,725	5,741	6,413	-12.3
Printing.....	1,653	1,667	1,690	-0.8	-1.4	-2.4	1,651	1,724	1,737	1,973	-16.3
Petroleum and coal products.....	9,987	10,577	10,604	-5.6	-0.3	-0.3	10,767	11,423	11,132	16,352	-34.2
Chemical products.....	28,906	28,645	28,668	0.9	-0.1	-1.7	28,599	28,596	28,754	31,536	-9.3
Plastics and rubber products.....	8,931	9,075	9,128	-1.6	-0.6	-3.1	8,920	8,977	9,021	10,925	-18.4

^p Preliminary^f Revised

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

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

[Based on Seasonally Adjusted data]

Industry	Inventory/Shipments ratio				Unfilled Orders/Shipments ratio ¹			
	Sep 2009 ^p	Aug 2009 ^r	Jul 2009	Jun 2009	Sep 2009 ^p	Aug 2009 ^r	Jul 2009	Jun 2009
All manufacturing industries ²	1.36	1.38	1.39	1.41	(X)	(X)	(X)	(X)
Durable goods industries ²	1.76	1.80	1.80	1.86	5.83	5.97	5.94	6.00
Wood products.....	1.24	1.28	1.29	1.33	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.47	1.47	1.47	1.53	(X)	(X)	(X)	(X)
Primary metals.....	1.87	1.90	1.94	2.13	1.11	1.12	1.12	1.17
Fabricated metal products.....	1.57	1.58	1.59	1.65	2.14	2.14	2.15	2.20
Machinery.....	2.16	2.22	2.21	2.18	4.42	4.45	4.40	4.28
Computers and electronic products ²	1.54	1.48	1.45	1.59	5.72	5.55	5.47	5.62
Electrical equipment, appliances, and components.....	1.54	1.53	1.50	1.55	2.71	2.70	2.59	2.66
Transportation equipment.....	1.97	2.14	2.18	2.18	12.13	13.33	13.26	13.22
Furniture and related products.....	1.27	1.25	1.23	1.26	1.35	1.35	1.34	1.38
Miscellaneous products.....	1.86	1.85	1.81	1.92	(X)	(X)	(X)	(X)
Nondurable goods industries.....	0.99	1.00	1.01	1.00	(X)	(X)	(X)	(X)
Food products.....	0.71	0.72	0.72	0.71	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.39	1.39	1.40	1.36	(X)	(X)	(X)	(X)
Textiles.....	1.33	1.36	1.42	1.46	(X)	(X)	(X)	(X)
Textile products.....	1.55	1.57	1.57	1.59	(X)	(X)	(X)	(X)
Apparel.....	1.81	1.82	1.81	1.81	(X)	(X)	(X)	(X)
Leather and allied products.....	2.44	2.56	2.53	2.47	(X)	(X)	(X)	(X)
Paper products.....	1.09	1.09	1.07	1.08	(X)	(X)	(X)	(X)
Printing.....	0.78	0.78	0.77	0.78	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.70	0.74	0.77	0.71	(X)	(X)	(X)	(X)
Chemical products.....	1.24	1.25	1.25	1.25	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.23	1.23	1.24	1.29	(X)	(X)	(X)	(X)

^p Preliminary

^r Revised

X Not Applicable

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 Changes

[Based on Seasonally Adjusted data]

Industry	Shipments		New Orders		Unfilled Orders		Inventories	
	Sep ¹ 2009	Sep ² 2008-Aug 2009	Sep ¹ 2009	Sep ² 2008-Aug 2009	Sep ¹ 2009	Sep ² 2008-Aug 2009	Sep ¹ 2009	Sep ² 2008-Aug 2009
All manufacturing industries.....	(X)	0.5	(X)	0.8	(X)	0.2	(X)	0.2
Durable goods industries.....	0.3	0.5	0.4	1.3	0.0	0.2	0.0	0.2
Wood products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.7
Nonmetallic mineral products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.2
Primary metals.....	0.0	1.0	0.5	2.1	0.0	0.8	0.2	0.4
Fabricated metal products.....	0.5	0.7	0.6	1.4	0.0	0.4	0.1	0.4
Machinery.....	0.2	0.9	0.0	2.9	0.0	0.5	-0.2	0.4
Computers and electronic products.....	0.1	0.8	-0.2	1.0	-0.1	0.1	0.1	0.3
Electrical equipment, appliances, and components.....	-0.3	0.8	-0.8	2.0	-0.2	0.6	0.6	0.5
Transportation equipment.....	0.5	0.5	0.9	1.1	0.0	0.1	-0.1	0.1
Furniture and related products.....	(X)	0.9	(X)	1.6	(X)	0.7	(X)	0.4
Miscellaneous products.....	(X)	0.6	(X)	0.6	(X)	0.5	(X)	0.3
Nondurable goods industries.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.3
Food products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.4
Beverage and tobacco products.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.4
Textiles.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.5
Textile products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.3
Apparel.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.4
Leather and allied products.....	(X)	1.8	(X)	(NA)	(X)	(NA)	(X)	1.2
Paper products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.6
Printing.....	(X)	1.0	(X)	(NA)	(X)	(NA)	(X)	1.0
Petroleum and coal products.....	(X)	1.0	(X)	(NA)	(X)	(NA)	(X)	1.3
Chemical products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.1
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.

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	