

U.S. Census Bureau News

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

FOR IMMEDIATE RELEASE

TUESDAY, NOVEMBER 4, 2008, AT 10:00 A.M. EST

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

M3-2 (08)-09
CB08-165

Full Report on Manufacturers' Shipments, Inventories and Orders September 2008

Summary

New orders for manufactured goods in September, down two consecutive months, decreased \$11.2 billion or 2.5 percent to \$432.0 billion, the U.S. Census Bureau reported today. This followed a 4.3 percent August decrease. Excluding transportation, new orders decreased 3.7 percent. This was the largest percent decrease since the series was first stated on a NAICS basis in 1992.

Shipments, also down two consecutive months, decreased \$12.5 billion or 2.8 percent to \$432.9 billion. This followed a 3.7 percent August decrease.

Unfilled orders, up thirty-one of the last thirty-two months, increased \$3.0 billion or 0.4 percent to \$829.5 billion. This was at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 0.3 percent August increase. The unfilled orders-to-shipments ratio was unchanged from 5.50 in August.

Inventories, down following four consecutive monthly increases, decreased \$4.1 billion or 0.7 percent to \$558.7 billion. This followed a 0.7 percent August increase. The inventories-to-shipments ratio was 1.29, up from 1.26 in August.

New Orders

New orders for manufactured durable goods in September, up four of the last five months, increased \$1.8 billion or 0.9 percent to \$207.9 billion, revised from the previously published 0.8 percent increase. This followed a 5.5 percent August decrease.

Transportation equipment, up two of the last three months, had the largest increase, \$3.4 billion or 6.5 percent to \$55.3 billion.

New orders for manufactured nondurable goods decreased \$13.0 billion or 5.5 percent to \$224.1 billion.

Shipments

Shipments of manufactured durable goods in September, up three of the last four months, increased \$0.5 billion or 0.3 percent to \$208.9 billion, revised from the previously published 0.2 percent increase. This followed a 4.2 percent August decrease.

Machinery, up following two consecutive monthly decreases, had the largest increase, \$1.3 billion or 4.3 percent to \$30.2 billion.

Shipments of manufactured nondurable goods, down two consecutive months, decreased \$13.0 billion or 5.5 percent to \$224.1 billion. This was the largest percent decrease in nondurable goods shipments since September 2006 and followed a 3.2 percent August decrease. This decrease was led by petroleum and coal products, which decreased \$10.9 billion or 16.9 percent to \$53.7 billion. This was the largest decrease in petroleum and coal products since September 2006.

Unfilled Orders

Unfilled orders for manufactured durable goods in September, up thirty-one of the last thirty-two months, increased \$3.0 billion or 0.4 percent to \$829.5 billion, unchanged from the previously published increase. This was also at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 0.3 percent August increase.

Transportation equipment, up twenty-seven of the last twenty-eight months, had the largest increase, \$4.4 billion or 0.9 percent to \$470.8 billion.

Inventories

Inventories of manufactured durable goods in September, up fourteen of the last fifteen months, increased \$1.2 billion or 0.4 percent to \$340.3 billion, unchanged from the previously published increase. This was also at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 0.8 percent August increase.

Machinery, up seventeen of the last eighteen months, had the largest increase, \$0.3 billion or 0.5 percent to \$54.7 billion.

Inventories of manufactured nondurable goods, down following four consecutive monthly increases, decreased \$5.3 billion or 2.4 percent to \$218.4 billion. This was the largest percent decrease since the series was first stated on a NAICS basis in 1992 and followed a 0.4 percent August increase. Petroleum and coal products led the decrease, down \$3.6 billion or 8.3 percent to \$39.8 billion.

By stage of fabrication, September materials and supplies increased 0.4 percent in durable goods and decreased 0.8 percent in nondurable goods. Work in process increased 0.5 percent in durable goods and decreased 3.3 percent in nondurable goods. Finished goods increased 0.2 percent in durable goods and decreased 3.1 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 26, 2008, at 8:30 a.m. EST and the full report on December 4, 2008, at 10:00 a.m. EST. See back page for survey description and 2009 release dates.

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. 2008 ^p	Aug. 2008 ^r	July 2008	Aug. - Sept.	July - Aug.	June - July	Sept. 2008 ^p	Aug. 2008 ^r	July 2008	Sept. 2007	2008 ^p	2007	Percent 2008/2007
All manufacturing industries	432,943	445,455	462,379	-2.8	-3.7	1.4	448,925	456,897	448,540	431,529	4,011,036	3,788,586	5.9
Excluding transportation	382,074	395,690	408,195	-3.4	-3.1	1.3	395,523	405,764	406,273	373,052	3,535,168	3,267,433	8.2
Excluding defense	420,899	433,775	450,281	-3.0	-3.7	1.4	436,228	445,417	437,474	421,447	3,907,928	3,704,714	5.5
With unfilled orders	150,806	150,376	156,983	0.3	-4.2	1.7	159,478	152,372	145,033	156,110	1,373,637	1,342,221	2.3
Durable goods industries	208,865	208,339	217,549	0.3	-4.2	2.2	220,046	210,847	199,721	220,448	1,913,316	1,925,782	-0.6
Wood products.....	8,009	8,109	8,249	-1.2	-1.7	-0.6	8,608	8,693	8,493	8,998	74,391	77,882	-4.5
Nonmetallic mineral products.....	9,236	9,226	9,433	0.1	-2.2	0.4	9,652	9,883	9,856	9,814	84,516	91,362	-7.5
Primary metals.....	22,364	23,118	23,933	-3.3	-3.4	3.5	22,829	23,845	23,312	19,902	205,103	183,654	11.7
Iron and steel mills.....	11,670	12,374	12,944	-5.7	-4.4	4.8	11,910	12,684	12,521	9,288	105,681	87,083	21.4
Aluminum and nonferrous metals.....	8,754	8,848	9,087	-1.1	-2.6	1.7	8,863	9,198	8,947	8,880	82,531	81,213	1.6
Ferrous metal foundries.....	1,940	1,896	1,902	2.3	-0.3	3.5	2,056	1,963	1,844	1,734	16,891	15,358	10.0
Fabricated metal products.....	27,956	27,943	28,578	0.0	-2.2	2.0	29,254	29,590	28,286	27,704	252,811	248,081	1.9
Machinery.....	30,206	28,955	29,143	4.3	-0.6	-1.1	30,772	27,975	28,204	28,461	264,600	248,857	6.3
Farm machinery.....	3,035	2,721	2,501	11.5	8.8	11.5	2,904	2,345	2,442	1,717	22,423	17,724	26.5
Construction machinery.....	2,496	2,443	2,445	2.2	-0.1	2.4	2,432	2,368	2,352	2,197	21,775	19,818	9.9
Mining, oil field, and gas field machinery.....	1,659	1,617	1,616	2.6	0.1	1.4	1,775	1,599	1,520	1,536	13,946	12,779	9.1
Industrial machinery.....	2,775	2,772	2,762	0.1	0.4	-4.5	2,899	2,436	2,903	3,357	26,269	29,201	-10.0
Photographic equipment.....	577	546	566	5.7	-3.5	14.1	616	513	538	608	4,801	5,513	-12.9
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,820	3,888	4,013	-1.7	-3.1	0.2	4,151	4,059	4,145	3,876	36,821	32,830	12.2
Metalworking machinery.....	2,414	2,380	2,578	1.4	-7.7	8.9	2,538	2,416	2,426	2,313	21,862	20,530	6.5
Turbines, generators, and other power transmission equipment.....	4,383	3,567	3,521	22.9	1.3	-20.9	4,339	3,513	3,183	4,115	34,302	30,921	10.9
Material handling equipment.....	2,374	2,372	2,463	0.1	-3.7	0.2	2,395	2,370	2,365	2,361	22,788	20,882	9.1
Computers and electronic products.....	30,572	31,283	33,147	-2.3	-5.6	6.0	34,451	29,516	29,928	35,920	284,860	284,811	0.0
Computers.....	2,809	2,873	3,020	-2.2	-4.9	-2.5	2,994	2,676	3,021	3,950	27,443	29,467	-6.9
Computer storage devices.....	676	606	660	11.6	-8.2	-1.6	1,069	476	370	997	5,922	6,090	-2.8
Other peripheral equipment.....	1,309	1,284	1,265	1.9	1.5	-11.2	1,641	1,171	950	1,704	11,865	11,839	0.2
Nondefense communications equipment.....	4,988	4,880	5,278	2.2	-7.5	-3.0	6,331	4,557	4,227	6,603	45,027	45,630	-1.3
Defense communications equipment.....	672	629	733	6.8	-14.2	11.1	702	654	661	572	5,908	4,740	24.6
Audio and video equipment.....	625	609	660	2.6	-7.7	-3.2	597	556	548	720	5,508	6,431	-14.4
Semiconductors.....	3,933	4,552	5,595	-13.6	-18.6	38.9	3,495	4,259	6,208	4,408	44,169	48,197	-8.4
Electronic components.....	3,782	3,868	3,903	-2.2	-0.9	-1.9	4,153	3,825	3,508	4,514	35,393	36,331	-2.6
Nondefense search and navigation equipment.....	932	944	939	-1.3	0.5	-5.4	1,066	929	861	1,069	8,804	8,782	0.3
Defense search and navigation equipment.....	2,694	2,672	2,628	0.8	1.7	-3.6	2,738	2,628	2,507	2,664	24,217	23,437	3.3
Electromedical, measuring, and control instruments.....	7,620	7,827	7,919	-2.6	-1.2	13.4	9,072	7,266	6,585	8,108	65,950	59,234	11.3
Electrical equipment, appliances, and components.....	10,546	10,554	11,063	-0.1	-4.6	3.4	11,312	10,823	10,581	11,331	96,294	95,583	0.7
Electric lighting equipment.....	1,017	1,029	1,034	-1.2	-0.5	1.9	1,142	1,032	969	1,204	9,246	10,249	-9.8
Household appliances.....	1,806	1,845	1,994	-2.1	-7.5	4.6	1,994	1,913	1,893	2,218	17,149	17,918	-4.3
Electrical equipment.....	3,503	3,492	3,674	0.3	-5.0	2.4	3,769	3,487	3,500	3,707	32,229	31,074	3.7
Batteries.....	906	875	892	3.5	-1.9	10.4	938	862	820	706	7,189	5,744	25.2
Transportation equipment.....	50,869	49,765	54,184	2.2	-8.2	2.3	53,402	51,133	42,267	58,477	475,868	521,153	-8.7
Automobiles.....	6,912	6,719	7,327	2.9	-8.3	8.0	7,273	7,132	7,995	63,270	63,270	72,843	-13.1
Light trucks and utility vehicles.....	7,760	7,480	7,862	3.7	-4.9	-5.1	8,246	7,802	5,035	11,499	77,549	103,517	-25.1
Heavy duty trucks.....	1,390	1,265	1,318	9.9	-4.0	-2.2	1,446	1,218	1,218	1,397	12,683	14,705	-13.8
Motor vehicle bodies, parts, and trailers.....	15,171	14,688	16,660	3.3	-11.8	1.0	15,573	15,675	12,956	18,330	147,831	173,924	-15.0
Nondefense aircraft and parts.....	7,835	8,130	9,183	-3.6	-11.5	8.6	7,979	7,946	7,607	8,815	74,119	73,772	0.5
Defense aircraft and parts.....	5,151	4,707	5,053	9.4	-6.8	8.7	5,547	4,669	4,443	3,612	40,537	29,008	39.7
Ships and boats.....	2,068	2,237	2,284	-7.6	-2.1	-6.9	2,127	2,224	1,940	2,346	20,845	19,763	5.5
Furniture and related products.....	6,401	6,419	6,539	-0.3	-1.8	-1.1	6,500	6,892	6,558	6,933	58,739	62,013	-5.3
Miscellaneous durable goods.....	12,706	12,967	13,280	-2.0	-2.4	1.4	13,266	12,497	12,236	12,908	116,134	112,386	3.3
Nondurable goods industries.....	224,078	237,116	244,830	-5.5	-3.2	0.8	228,879	246,050	248,819	211,081	2,097,720	1,862,804	12.6
Food products.....	52,133	51,751	52,436	0.7	-1.3	2.0	53,501	53,033	51,102	49,920	456,005	422,221	8.0
Grain and oilseed milling.....	6,281	6,147	6,307	2.2	-2.5	2.0	6,500	6,106	6,461	5,211	53,325	43,946	21.3
Dairy products.....	7,065	7,064	7,291	0.0	-3.1	0.8	7,114	7,208	7,376	7,570	65,405	62,971	3.9
Meat, poultry, and seafood products.....	15,921	15,731	15,620	1.2	0.7	1.0	15,851	16,559	15,485	14,527	137,766	129,551	6.3
Beverage and tobacco products.....	11,621	11,681	11,805	-0.5	-1.1	2.0	11,625	12,260	12,001	10,852	103,268	98,565	4.8
Beverages.....	7,877	7,819	7,822	0.7	0.0	1.3	7,881	8,398	8,018	7,442	70,041	66,309	5.6
Tobacco.....	3,744	3,862	3,983	-3.1	-3.0	3.5	3,744	3,862	3,983	3,410	33,227	32,256	3.0
Textile mills.....	2,838	2,864	2,918	-0.9	-1.9	2.7	2,888	3,002	2,815	3,113	26,185	27,923	-6.2
Textile products.....	2,156	2,226	2,296	-3.1	-3.0	-2.3	2,147	2,408	2,334	2,534	21,085	23,378	-9.8
Apparel.....	2,658	2,653	2,712	0.2	-2.2	0.8	2,752	2,849	2,707	2,624	23,471	21,851	7.4
Leather and allied products.....	498	477	474	4.4	0.6	2.2	561	524	451	595	4,399	4,781	-8.0
Paper products.....	14,775	14,759	14,606	0.1	1.0	2.2	14,976	14,983	14,577	13,969	130,573	126,174	3.5
Pulp, paper, and paperboard mills.....	7,089	7,106	6,988	-0.2	1.7	2.5	7,141	7,238	7,050	6,680	62,987	60,707	3.8
Paperboard containers.....	4,119	4,121	4,155	0.0	-0.8	1.3	4,187	4,252	4,179	3,945	36,908	35,744	3.3
Printing.....	8,087	8,125	8,341	-0.5	-2.6	1.1	8,395	8,262	7,894	8,730	72,978	74,723	-2.3
Petroleum and coal products.....	53,698	64,621	70,255	-16.9	-8.0	-0.2	56,101	69,916	74,957	47,741	564,525	406,200	39.0
Petroleum refineries.....	50,593	61,328	67,151	-17.5	-8.7	-0.5	52,647	66,067	71,350	44,948	538,144	382,277	40.8
Chemical products.....	57,656	60,213	60,730	-4.2	-0.9	0.4	57,787	60,380	61,489	53,727	532,520	497,535	7.0
Pesticides, fertilizers, and other agricultural chemicals.....	3,994	3,986	3,835	0.2	3.9	-0.9	3,472	3,585	3,591	2,357	34,539	25,711	34.3
Pharmaceuticals and medicines.....	14,629	14,080	14,404	3.9	-2.2	-0.5	14,498	14,050	14,631	13,686	128,831	133,805	-3.7
Paints, coatings, and adhesives.....	2,675	2,772	2,769	-3.5	0.1	1.6	2,718	2,936	2,844	2,518	25,618	25,997	-1.5
Plastics and rubber products.....	17,958	17,746	18,257	1.2	-2.8	0.7	18,146	18,433	18,492	17,276	162,711	159,453	2.0

^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. 2008 ^p	Aug. 2008 ^r	July 2008	Aug. - Sept.	July - Aug.	June - July	Sept. 2008 ^p	Aug. 2008 ^r	July 2008	Sept. 2007	2008 ^p	2007	Percent 2008/2007
All manufacturing industries ²	431,989	443,200	462,993	-2.5	-4.3	0.7	442,723	450,987	444,258	430,097	4,012,297	3,811,748	5.3
Excluding transportation ²	376,705	391,266	405,680	-3.7	-3.6	0.5	387,703	398,402	402,353	369,074	3,509,511	3,237,307	8.4
Excluding defense ²	416,736	430,776	450,930	-3.3	-4.5	1.2	427,745	440,220	435,476	421,153	3,905,377	3,730,045	4.7
With unfilled orders ²	153,785	152,673	163,192	0.7	-6.4	0.7	156,771	150,721	146,959	159,086	1,419,067	1,413,580	0.4
Durable goods industries ²	207,911	206,084	218,163	0.9	-5.5	0.7	213,844	204,937	195,439	219,016	1,914,577	1,948,944	-1.8
Primary metals.....	20,382	21,371	24,418	-4.6	-12.5	2.9	19,869	22,223	23,505	19,246	203,277	182,570	11.3
Iron and steel mills.....	9,880	10,786	13,661	-8.4	-21.0	6.5	9,411	11,367	13,108	8,852	104,652	86,285	21.3
Aluminum and nonferrous metals.....	8,538	8,645	8,806	-1.2	-1.8	-2.9	8,422	8,905	8,497	8,705	81,689	80,959	0.9
Ferrous metal foundries.....	1,964	1,940	1,951	1.2	-0.6	6.7	2,036	1,951	1,900	1,689	16,936	15,326	10.5
Fabricated metal products.....	27,703	27,731	28,241	-0.1	-1.8	0.7	28,269	28,545	27,574	27,093	254,561	251,375	1.3
Machinery.....	30,854	30,578	32,740	0.9	-6.6	3.8	30,295	28,759	31,694	29,040	279,349	255,948	9.1
Construction machinery.....	3,006	2,780	3,153	8.1	-11.8	19.2	2,424	2,574	2,644	1,610	25,413	20,641	23.1
Mining, oil field, and gas field machinery.....	1,896	1,861	1,970	1.9	-5.5	-1.0	1,923	1,903	1,890	1,471	16,458	12,517	31.5
Industrial machinery.....	2,828	2,826	3,395	0.1	-16.8	19.5	2,632	1,949	3,882	2,840	27,742	30,335	-8.5
Photographic equipment.....	551	514	596	7.2	-13.8	19.0	578	483	571	684	4,959	5,545	-10.6
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,610	4,375	5,286	-17.5	-17.2	5.2	3,920	4,690	5,771	5,042	40,541	36,223	11.9
Metalworking machinery.....	2,491	2,536	2,572	-1.8	-1.4	1.6	2,545	2,488	2,396	2,677	22,850	21,321	7.2
Turbines, generators, and other power transmission equipment.....	4,318	3,465	3,601	24.6	-3.8	-19.8	3,997	3,380	3,274	3,857	34,854	30,249	15.2
Material handling equipment.....	2,347	2,675	2,602	-12.3	2.8	9.8	2,570	2,405	2,168	2,601	22,791	21,620	5.4
Computers and electronic products ²	27,116	27,626	27,099	-1.8	1.9	-4.5	31,789	25,042	22,887	33,257	243,131	242,214	0.4
Computers.....	2,773	2,954	2,886	-6.1	2.4	-16.2	2,958	2,757	2,887	4,048	27,594	30,068	-8.2
Nondefense communications equipment.....	4,751	5,577	5,485	-14.8	1.7	12.4	6,299	4,835	4,256	7,299	45,337	46,781	-3.1
Defense communications equipment.....	641	628	407	2.1	54.3	-61.6	798	474	375	759	6,444	5,423	18.8
Semiconductors ²	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	3,867	3,999	3,785	-3.3	5.7	-6.7	4,092	4,172	3,366	4,228	36,040	36,750	-1.9
Nondefense search and navigation equipment.....	1,099	1,156	1,156	-4.9	0.0	-21.4	1,395	1,119	1,056	1,658	10,094	9,901	1.9
Defense search and navigation equipment.....	3,089	2,687	2,358	15.0	14.0	-13.8	3,306	2,146	1,866	2,975	23,658	23,147	2.2
Electromedical, measuring, and control instruments.....	7,754	7,587	7,890	2.2	-3.8	6.8	9,041	6,817	6,731	8,258	66,015	61,151	8.0
Electrical equipment, appliances, and components.....	10,387	10,302	10,658	0.8	-3.3	-8.3	10,700	10,300	10,535	10,639	97,708	97,399	0.3
Electric lighting equipment.....	1,100	967	957	13.8	1.0	-20.8	1,093	923	922	1,013	9,559	10,737	-11.0
Household appliances.....	1,846	1,833	1,892	0.7	-3.1	-2.6	1,990	1,949	1,874	2,123	17,268	18,229	-5.3
Electrical equipment.....	3,401	3,371	3,430	0.9	-1.7	-17.4	3,484	3,252	3,432	3,627	33,099	32,954	0.4
Transportation equipment.....	55,284	51,934	57,313	6.5	-9.4	2.7	55,020	52,585	41,905	61,023	502,786	574,441	-12.5
Motor vehicle bodies, parts, and trailers.....	15,054	14,652	16,535	2.7	-11.4	0.6	15,150	15,276	13,296	17,819	146,035	171,834	-15.0
Nondefense aircraft and parts.....	9,936	7,658	12,294	29.7	-37.7	22.3	8,773	7,868	8,624	14,373	99,064	127,182	-22.1
Defense aircraft and parts.....	5,713	5,189	5,881	10.1	-11.8	24.5	5,545	4,557	4,799	3,609	42,424	26,699	58.9
Ships and boats.....	3,772	1,955	2,028	92.9	-3.6	-29.4	3,713	1,706	1,167	1,740	21,565	20,558	4.9
Furniture and related products.....	6,212	6,485	6,569	-4.2	-1.3	-1.5	6,354	6,655	6,591	7,033	59,332	62,647	-5.3
Nondurable goods industries.....	224,078	237,116	244,830	-5.5	-3.2	0.8	228,879	246,050	248,819	211,081	2,097,720	1,862,804	12.6

^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. 08/07
	Sept. 2008 ^p	Aug. 2008 ^r	July 2008	Aug. - Sept.	July - Aug.	June - July	Sept. 2008 ^p	Aug. 2008 ^r	July 2008	Sept. 2007	
All manufacturing industries ¹	829,508	826,529	824,232	0.4	0.3	0.8	817,246	819,953	821,604	729,237	12.1
Excluding transportation ¹	358,667	360,103	359,975	-0.4	0.0	0.9	353,533	357,858	360,961	327,510	7.9
Excluding defense ¹	670,478	670,708	669,155	0.0	0.2	0.9	662,125	667,113	668,051	584,757	13.2
Durable goods industries ¹	829,508	826,529	824,232	0.4	0.3	0.8	817,246	819,953	821,604	729,237	12.1
Primary metals.....	26,377	28,359	30,106	-7.0	-5.8	1.6	25,437	28,397	30,019	25,861	-1.6
Iron and steel mills.....	15,923	17,713	19,301	-10.1	-8.2	3.9	15,421	17,920	19,237	15,372	0.3
Aluminum and nonferrous metals.....	7,384	7,600	7,803	-2.8	-2.6	-3.5	7,035	7,476	7,769	7,548	-6.8
Ferrous metal foundries.....	3,070	3,046	3,002	0.8	1.5	1.7	2,981	3,001	3,013	2,941	1.4
Fabricated metal products.....	61,681	61,934	62,146	-0.4	-0.3	-0.5	61,169	62,154	63,199	58,543	4.5
Machinery.....	107,435	106,787	105,164	0.6	1.5	3.5	105,136	105,613	104,829	85,475	23.0
Construction machinery.....	15,653	15,143	14,806	3.4	2.3	5.0	14,714	14,722	14,516	11,584	27.0
Mining, oil field, and gas field machinery.....	7,410	7,173	6,929	3.3	3.5	5.4	7,343	7,195	6,891	4,019	82.7
Industrial machinery.....	16,939	16,886	16,832	0.3	0.3	3.9	16,384	16,651	17,138	14,141	15.9
Photographic equipment.....	1,668	1,694	1,726	-1.5	-1.9	1.8	1,664	1,702	1,732	1,652	0.7
Ventilation, heating, air-conditioning, and refrigeration equipment.....	17,026	17,236	16,749	-1.2	2.9	8.2	17,218	17,449	16,818	11,976	43.8
Metalworking machinery.....	8,798	8,721	8,565	0.9	1.8	-0.1	8,667	8,660	8,588	7,143	21.3
Turbines, generators, and other power transmission equipment.....	14,309	14,374	14,476	-0.5	-0.7	0.6	14,080	14,422	14,555	12,302	14.5
Material handling equipment.....	10,178	10,205	9,902	-0.3	3.1	1.4	9,909	9,734	9,699	9,486	4.5
Computers and electronic products ¹	125,361	124,884	123,989	0.4	0.7	-0.4	124,207	123,374	123,589	120,353	3.2
Computers.....	3,868	3,904	3,823	-0.9	2.1	-3.4	3,868	3,904	3,823	4,086	-5.3
Nondefense communications equipment.....	29,296	29,533	28,836	-0.8	2.4	0.7	29,037	29,069	28,791	29,426	-1.3
Defense communications equipment.....	8,204	8,235	8,236	-0.4	0.0	-3.8	8,226	8,130	8,310	7,458	10.3
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	10,875	10,790	10,659	0.8	1.2	-1.1	10,903	10,964	10,617	10,419	4.6
Nondefense search and navigation equipment.....	7,848	7,681	7,469	2.2	2.8	3.0	7,891	7,562	7,372	6,670	18.3
Defense search and navigation equipment.....	37,319	36,924	36,909	1.1	0.0	-0.7	36,642	36,074	36,556	35,630	2.8
Electromedical, measuring, and control instruments.....	27,951	27,817	28,057	0.5	-0.9	-0.1	27,640	27,671	28,120	26,664	3.7
Electrical equipment, appliances, and components.....	24,784	24,943	25,195	-0.6	-1.0	-1.6	24,478	25,090	25,613	23,666	3.4
Electric lighting equipment.....	2,692	2,609	2,671	3.2	-2.3	-2.8	2,669	2,718	2,827	2,482	7.5
Household appliances.....	712	672	684	6.0	-1.8	-13.0	691	695	659	821	-15.8
Electrical equipment.....	15,715	15,817	15,938	-0.6	-0.8	-1.5	15,599	15,884	16,119	14,915	4.6
Transportation equipment.....	470,841	466,426	464,257	0.9	0.5	0.7	463,713	462,095	460,643	401,727	15.4
Motor vehicle bodies, parts, and trailers.....	17,228	17,345	17,381	-0.7	-0.2	-0.7	16,769	17,192	17,591	18,343	-8.6
Nondefense aircraft and parts.....	309,037	306,936	307,408	0.7	-0.2	1.0	305,560	304,766	304,844	250,668	21.9
Defense aircraft and parts.....	46,394	45,832	45,350	1.2	1.1	1.9	45,189	45,191	45,303	39,838	13.4
Ships and boats.....	21,527	19,823	20,105	8.6	-1.4	-1.3	20,723	19,137	19,655	20,357	1.8
Furniture and related products.....	7,280	7,469	7,403	-2.5	0.9	0.4	7,357	7,503	7,740	7,301	0.8

^p Preliminary ^r 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. 08/07
	Sept. 2008 ^p	Aug. 2008 ^r	July 2008	Aug. - Sept.	July - Aug.	June - July	Sept. 2008 ^p	Aug. 2008 ^r	July 2008	Sept. 2007	
All manufacturing industries	558,691	562,781	559,070	-0.7	0.7	0.6	559,390	567,598	563,051	522,192	7.1
Excluding transportation	469,997	474,001	470,752	-0.8	0.7	0.5	470,537	477,724	474,064	444,082	6.0
Excluding defense	534,424	538,235	534,444	-0.7	0.7	0.6	535,046	542,938	538,358	500,018	7.0
With unfilled orders	273,244	272,575	269,939	0.2	1.0	1.2	272,232	274,853	271,641	247,720	9.9
Durable goods industries	340,258	339,033	336,185	0.4	0.8	0.9	338,966	341,870	338,279	313,357	8.2
Wood products	10,587	10,547	10,505	0.4	0.4	1.4	10,638	10,534	10,401	11,385	-6.6
Nonmetallic mineral products	12,042	11,975	11,881	0.6	0.8	0.0	11,830	11,907	11,951	11,431	3.5
Primary metals	35,264	35,073	34,040	0.5	3.0	1.6	35,233	35,367	34,420	31,045	13.5
Iron and steel mills	20,351	20,053	19,030	1.5	5.4	2.8	20,539	20,296	19,291	16,919	21.4
Aluminum and nonferrous metals	12,122	12,288	12,324	-1.4	-0.3	-0.5	12,013	12,402	12,474	11,661	3.0
Ferrous metal foundries	2,791	2,732	2,686	2.2	1.7	2.4	2,681	2,669	2,655	2,465	8.8
Fabricated metal products	45,054	44,791	44,332	0.6	1.0	1.8	44,826	44,907	44,731	41,315	8.5
Machinery	54,727	54,435	54,246	0.5	0.3	0.7	54,292	54,576	54,090	51,252	5.9
Farm machinery	3,172	3,138	3,059	1.1	2.6	0.6	2,947	2,942	2,942	2,442	20.7
Construction machinery	5,797	5,647	5,640	2.7	0.1	1.4	5,747	5,549	5,594	5,050	13.8
Mining, oil field, and gas field machinery	4,577	4,467	4,426	2.5	0.9	4.2	4,548	4,515	4,495	4,065	11.9
Industrial machinery	6,933	6,895	6,867	0.6	0.4	1.5	6,915	7,029	6,821	6,593	4.9
Photographic equipment	1,313	1,348	1,378	-2.6	-2.2	0.5	1,310	1,356	1,390	1,521	-13.9
Ventilation, heating, air-conditioning, and refrigeration equipment	4,842	4,797	4,777	0.9	0.4	-0.8	4,766	4,813	4,774	4,759	0.1
Metalworking machinery	5,276	5,292	5,274	-0.3	0.3	-0.1	5,384	5,429	5,338	5,007	7.5
Turbines, generators, and other power transmission equipment	6,033	6,089	6,097	-0.9	-0.1	1.1	6,056	6,253	6,103	5,664	6.9
Material handling equipment	3,456	3,454	3,453	0.1	0.0	-0.1	3,393	3,422	3,407	3,089	9.8
Computers and electronic products	47,199	46,999	46,523	0.4	1.0	0.4	46,961	47,923	46,924	44,069	6.6
Computers	1,273	1,312	1,280	-3.0	2.5	-6.2	1,370	1,412	1,238	1,585	-13.6
Computer storage devices	1,604	1,597	1,616	0.4	-1.2	-1.2	1,514	1,690	1,640	1,383	9.5
Other peripheral equipment	2,162	2,122	2,110	1.9	0.6	1.3	2,102	2,209	2,156	1,920	9.5
Nondefense communications equipment	8,130	8,401	8,176	-3.2	2.8	-1.5	8,029	8,500	8,085	7,939	1.1
Defense communications equipment	1,621	1,550	1,445	4.6	7.3	2.5	1,621	1,550	1,445	1,208	34.2
Audio and video equipment	914	919	918	-0.5	0.1	-2.3	998	962	920	923	8.1
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components	6,756	6,808	6,813	-0.8	-0.1	3.3	6,715	6,880	6,935	6,320	6.3
Nondefense search and navigation equipment	5,135	5,000	4,890	2.7	2.2	2.5	5,197	5,030	5,008	4,412	17.8
Defense search and navigation equipment	3,601	3,543	3,534	1.6	0.3	1.2	3,580	3,583	3,544	3,288	8.9
Electromedical, measuring and control instruments	10,680	10,534	10,593	1.4	-0.6	0.6	10,511	10,739	10,632	10,070	4.4
Electrical equipment, appliances, and components	15,357	15,262	15,145	0.6	0.8	-0.6	14,891	15,199	15,206	13,869	7.4
Electric lighting equipment	1,785	1,782	1,785	0.2	-0.2	-0.3	1,727	1,804	1,826	1,635	5.6
Household appliances	2,068	2,004	1,962	3.2	2.1	-1.2	2,026	1,991	1,992	1,915	5.8
Electrical equipment	5,295	5,398	5,297	-1.9	1.9	0.7	4,997	5,317	5,217	4,420	13.1
Batteries	650	660	684	-1.5	-3.5	-15.9	669	691	706	763	-12.3
Transportation equipment	88,694	88,780	88,318	-0.1	0.5	1.2	88,853	89,874	88,987	78,110	13.8
Automobiles	2,563	2,504	2,489	2.4	0.6	0.6	2,610	2,594	2,674	2,683	-2.7
Light trucks and utility vehicles	2,568	2,592	2,676	-0.9	-3.1	-7.4	2,678	2,687	2,635	3,431	-21.9
Heavy duty trucks	1,639	1,581	1,553	3.7	1.8	-0.1	1,692	1,646	1,592	1,420	19.2
Motor vehicle bodies, parts, and trailers	16,334	16,595	16,752	-1.6	-0.9	-0.1	16,107	16,480	16,734	17,313	-7.0
Nondefense aircraft and parts	40,502	40,036	39,178	1.2	2.2	3.7	40,656	40,720	39,539	30,604	32.8
Defense aircraft and parts	13,925	14,197	14,306	-1.9	-0.8	-1.4	14,015	14,308	14,391	12,715	10.2
Ships and boats	2,882	2,926	2,894	-1.5	1.1	1.9	2,892	2,901	2,838	3,018	-4.2
Furniture and related products	7,904	7,927	7,941	-0.3	-0.2	0.5	7,872	8,010	8,112	8,094	-2.7
Miscellaneous durable goods	23,430	23,244	23,254	0.8	0.0	0.3	23,570	23,573	23,457	22,787	3.4
Nondurable goods industries	218,433	223,748	222,885	-2.4	0.4	0.2	220,424	225,728	224,772	208,835	5.5
Food products	37,070	37,390	37,858	-0.9	-1.2	-0.4	37,629	37,472	37,325	37,576	0.1
Grain and oilseed milling	4,661	4,907	5,110	-5.0	-4.0	-2.6	4,628	4,775	4,927	4,931	-6.1
Dairy products	4,418	4,457	4,454	-0.9	0.1	-0.2	4,449	4,560	4,653	4,781	-6.9
Meat, poultry, and seafood products	7,644	7,687	7,676	-0.6	0.1	-0.2	7,690	7,667	7,618	7,196	6.9
Beverage and tobacco products	15,175	15,089	15,042	0.6	0.3	-0.4	15,263	14,592	14,451	15,031	1.5
Beverages	11,363	11,300	11,242	0.6	0.5	-0.4	11,517	11,021	10,880	11,287	2.0
Tobacco	3,812	3,789	3,800	0.6	-0.3	-0.3	3,746	3,571	3,571	3,744	0.1
Textile mills	3,682	3,666	3,669	0.4	-0.1	1.8	3,682	3,678	3,682	3,771	-2.4
Textile products	3,295	3,295	3,290	0.0	0.2	2.1	3,314	3,320	3,325	3,374	-1.8
Apparel	4,443	4,495	4,534	-1.2	-0.9	0.7	4,614	4,684	4,697	4,496	2.6
Leather and allied products	1,026	1,014	1,012	1.2	0.2	0.9	1,042	1,032	1,027	1,065	-2.2
Paper products	15,484	15,493	15,391	-0.1	0.7	-0.5	15,386	15,472	15,408	14,931	3.0
Pulp, paper, and paperboard mills	6,801	6,819	6,818	-0.3	0.0	-1.0	6,724	6,804	6,830	6,539	2.8
Paperboard containers	4,292	4,273	4,194	0.4	1.9	-0.1	4,276	4,259	4,192	4,113	4.0
Printing	6,763	6,675	6,744	1.3	-1.0	-1.5	7,061	6,931	7,000	7,056	0.1
Petroleum and coal products	39,829	43,443	43,394	-8.3	0.1	-1.5	41,409	44,985	45,379	34,870	18.8
Petroleum refineries	37,263	40,863	40,935	-8.8	-0.2	-1.8	38,778	42,291	42,844	32,451	19.5
Chemical products	68,670	69,952	69,069	-1.8	1.3	1.2	68,238	70,484	69,758	65,440	4.3
Pesticides, fertilizers, and other agricultural chemicals	3,335	3,262	3,207	2.2	1.7	2.2	2,914	2,905	2,970	2,518	15.7
Pharmaceuticals and medicines	23,887	24,125	23,747	-1.0	1.6	0.3	24,146	24,786	24,310	24,017	0.5
Paints, coatings, and adhesives	3,167	3,135	3,101	1.0	1.1	-1.3	3,105	3,149	3,139	3,010	3.2
Plastics and rubber products	22,996	23,236	22,882	-1.0	1.5	2.0	22,786	23,078	22,720	21,225	7.4

^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							Percent Change ⁶ 2008/2007
	Monthly			Percent Change			Monthly			Year to date				
	Sept. 2008 ^p	Aug. 2008 ^r	July 2008	Aug. - Sept.	July - Aug.	June - July	Sept. 2008 ^p	Aug. 2008 ^r	July 2008	Sept. 2007	2008 ^p	2007		
SHIPMENTS														
All manufacturing industries	432,943	445,455	462,379	-2.8	-3.7	1.4	448,925	456,897	448,540	431,529	4,011,036	3,788,586	5.9	
Construction materials and supplies.....	43,758	44,070	44,885	-0.7	-1.8	1.1	46,539	47,259	46,018	45,656	401,156	407,094	-1.5	
Information technology.....	26,748	26,722	27,684	0.1	-3.5	2.0	30,888	25,474	24,149	31,102	240,580	236,394	1.8	
Computers and related products	4,794	4,763	4,945	0.7	-3.7	-4.8	5,704	4,323	4,341	6,651	45,230	47,396	-4.6	
Motor vehicle and parts.....	31,233	30,152	33,167	3.6	-9.1	0.8	32,538	31,827	24,236	39,221	301,333	364,989	-17.4	
Capital goods.....	76,846	75,853	78,153	1.3	-2.9	1.1	82,304	73,646	71,448	80,318	686,175	660,340	3.9	
Nondefense capital goods ³	67,803	66,795	69,045	1.5	-3.3	1.2	72,942	64,611	62,991	72,205	606,683	591,516	2.6	
Excluding aircraft.....	63,731	62,504	63,850	2.0	-2.1	0.3	68,837	60,457	58,971	67,285	566,986	550,375	3.0	
Defense capital goods ⁴	9,043	9,058	9,108	-0.2	-0.5	0.4	9,362	9,035	8,457	8,113	79,492	68,824	15.5	
Consumer goods.....	175,460	185,131	193,506	-5.2	-4.3	0.8	180,377	192,849	190,338	171,238	1,654,915	1,501,292	10.2	
Consumer durable goods.....	28,972	28,746	30,268	0.8	-5.0	1.0	30,391	29,272	23,775	35,026	273,260	313,138	-12.7	
Consumer nondurable goods.....	146,488	156,385	163,238	-6.3	-4.2	0.7	149,986	163,577	166,563	136,212	1,381,655	1,188,154	16.3	
NEW ORDERS														
All manufacturing industries ⁵	431,989	443,200	462,993	-2.5	-4.3	0.7	442,723	450,987	444,258	430,097	4,012,297	3,811,748	5.3	
Construction materials and supplies.....	43,312	44,202	45,938	-2.0	-3.8	0.8	45,574	46,892	47,074	46,551	405,954	412,710	-1.6	
Information technology.....	26,934	27,397	27,397	-1.7	0.0	-3.3	31,470	24,667	23,579	32,883	242,643	240,744	0.8	
Computers and related products	4,758	4,844	4,811	-1.8	0.7	-13.1	5,668	4,404	4,207	6,749	45,381	47,997	-5.5	
Motor vehicle and parts.....	31,116	30,116	33,042	3.3	-8.9	0.6	32,115	31,428	24,576	38,710	299,537	362,899	-17.5	
Capital goods.....	80,975	78,537	83,583	3.1	-6.0	0.4	82,988	73,472	72,356	83,659	726,290	721,792	0.6	
Nondefense capital goods ³	69,210	68,694	74,498	0.8	-7.8	3.5	71,728	64,772	65,996	77,066	644,177	655,660	-1.8	
Excluding aircraft.....	63,789	64,774	66,300	-1.5	-2.3	0.3	67,596	60,479	60,988	66,918	581,876	564,089	3.2	
Defense capital goods ⁴	11,765	9,843	9,085	19.5	8.3	-19.6	11,260	8,700	6,360	6,593	82,113	66,132	24.2	
Consumer goods.....	175,474	184,744	193,526	-5.0	-4.5	0.7	180,373	192,421	190,594	171,179	1,654,201	1,502,143	10.1	
Consumer durable goods.....	28,986	28,359	30,288	2.2	-6.4	0.9	30,387	28,844	24,031	34,967	272,546	313,989	-13.2	
Consumer nondurable goods.....	146,488	156,385	163,238	-6.3	-4.2	0.7	149,986	163,577	166,563	136,212	1,381,655	1,188,154	16.3	
UNFILLED ORDERS														
All manufacturing industries ⁵	829,508	826,529	824,232	0.4	0.3	0.8	817,246	819,953	821,604	729,237	(X)	(X)	12.1	
Construction materials and supplies.....	55,368	55,814	55,682	-0.8	0.2	1.9	55,366	56,331	56,698	49,460	(X)	(X)	11.9	
Information technology.....	121,819	121,633	120,958	0.2	0.6	-0.2	120,487	119,905	120,712	117,034	(X)	(X)	3.0	
Computers and related products	3,868	3,904	3,823	-0.9	2.1	-3.4	3,868	3,904	3,823	4,086	(X)	(X)	-5.3	
Motor vehicle and parts.....	17,228	17,345	17,381	-0.7	-0.2	-0.7	16,769	17,192	17,591	18,343	(X)	(X)	-8.6	
Capital goods.....	625,719	621,590	618,906	0.7	0.4	0.9	615,572	614,888	615,062	537,824	(X)	(X)	14.5	
Nondefense capital goods ³	482,974	481,567	479,668	0.3	0.4	1.1	476,309	477,523	477,362	407,939	(X)	(X)	16.8	
Excluding aircraft.....	206,955	206,897	204,627	0.0	1.1	1.2	203,674	204,915	204,893	186,736	(X)	(X)	9.1	
Defense capital goods ⁴	142,745	140,023	139,238	1.9	0.6	0.0	139,263	137,365	137,700	129,885	(X)	(X)	7.2	
Consumer goods.....	8,492	8,478	8,865	0.2	-4.4	0.2	8,450	8,454	8,882	9,628	(X)	(X)	-12.2	
Consumer durable goods.....	8,492	8,478	8,865	0.2	-4.4	0.2	8,450	8,454	8,882	9,628	(X)	(X)	-12.2	
TOTAL INVENTORIES														
All manufacturing industries	558,691	562,781	559,070	-0.7	0.7	0.6	559,390	567,598	563,051	522,192	(X)	(X)	7.1	
Construction materials and supplies.....	61,251	60,901	60,415	0.6	0.8	1.1	60,954	61,137	60,832	59,034	(X)	(X)	3.3	
Information technology.....	42,462	42,214	41,799	0.6	1.0	0.2	42,207	42,929	41,983	39,865	(X)	(X)	5.9	
Computers and related products	5,039	5,031	5,006	0.2	0.5	-1.5	4,986	5,311	5,034	4,888	(X)	(X)	2.0	
Motor vehicle and parts.....	23,104	23,272	23,470	-0.7	-0.8	-0.9	23,087	23,407	23,635	24,847	(X)	(X)	-7.1	
Capital goods.....	159,367	158,991	157,838	0.2	0.7	1.3	158,694	160,623	158,374	141,649	(X)	(X)	12.0	
Nondefense capital goods ³	140,526	139,920	138,532	0.4	1.0	1.4	139,866	141,549	139,086	124,049	(X)	(X)	12.8	
Excluding aircraft.....	108,896	108,517	107,802	0.3	0.7	0.6	108,006	109,601	108,082	101,237	(X)	(X)	6.7	
Defense capital goods ⁴	18,841	19,071	19,306	-1.2	-1.2	0.4	18,828	19,074	19,288	17,600	(X)	(X)	7.0	
Consumer goods.....	163,403	167,403	167,433	-2.4	0.0	-0.6	166,168	169,792	169,338	159,142	(X)	(X)	4.4	
Consumer durable goods.....	28,689	28,471	28,408	0.8	0.2	-0.5	28,874	28,893	28,692	29,216	(X)	(X)	-1.2	
Consumer nondurable goods.....	134,714	138,932	139,025	-3.0	-0.1	-0.6	137,294	140,899	140,646	129,926	(X)	(X)	5.7	

^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. 08/07
	Sept. 2008 ^p	Aug. 2008 ^r	July 2008	Aug. - Sept.	July - Aug.	June - July	Sept. 2008 ^p	Aug. 2008 ^r	July 2008	Sept. 2007	
<u>MATERIALS AND SUPPLIES</u>											
All manufacturing industries.....	192,458	192,667	192,147	-0.1	0.3	0.9	192,866	193,676	193,574	181,901	6.0
Durable goods industries.....	116,327	115,897	115,462	0.4	0.4	1.7	116,633	116,742	116,464	108,197	7.8
Wood products.....	4,280	4,297	4,307	-0.4	-0.2	2.2	4,442	4,318	4,214	4,714	-5.8
Nonmetallic mineral products.....	4,907	4,890	4,896	0.3	-0.1	1.4	4,903	4,899	4,913	4,584	7.0
Primary metals.....	13,712	13,404	12,991	2.3	3.2	3.1	13,971	13,579	13,104	11,475	21.8
Fabricated metal products.....	17,237	16,853	16,599	2.3	1.5	3.1	17,254	16,858	16,774	15,223	13.3
Machinery.....	21,027	20,994	21,007	0.2	-0.1	1.4	20,949	21,102	21,129	19,644	6.6
Computers and electronic products.....	15,704	15,508	15,473	1.3	0.2	0.0	15,851	15,794	15,578	15,929	-0.5
Electrical equipment, appliances, and components.....	6,189	6,247	6,173	-0.9	1.2	0.1	6,048	6,204	6,162	5,439	11.2
Transportation equipment.....	21,854	22,250	22,540	-1.8	-1.3	2.0	21,826	22,422	22,944	20,145	8.3
Furniture and related products.....	3,806	3,920	3,906	-2.9	0.4	0.7	3,784	3,934	3,982	3,762	0.6
Miscellaneous products.....	7,611	7,534	7,570	1.0	-0.5	0.8	7,605	7,632	7,664	7,282	4.4
Nondurable goods industries.....	76,131	76,770	76,685	-0.8	0.1	-0.2	76,233	76,934	77,110	73,704	3.4
Food products.....	13,589	13,854	14,303	-1.9	-3.1	-0.5	13,344	13,443	14,023	13,681	-2.5
Beverage and tobacco products.....	4,454	4,417	4,422	0.8	-0.1	0.0	4,408	4,232	4,255	4,364	1.0
Textiles.....	1,160	1,178	1,206	-1.5	-2.3	1.5	1,158	1,176	1,201	1,187	-2.4
Textile products.....	1,324	1,314	1,305	0.8	0.7	1.5	1,337	1,322	1,328	1,264	5.8
Apparel.....	1,069	1,071	1,077	-0.2	-0.6	-0.9	1,073	1,069	1,085	1,055	1.7
Leather and allied products.....	365	359	365	1.7	-1.6	-2.1	368	362	370	422	-12.8
Paper products.....	7,433	7,449	7,413	-0.2	0.5	0.2	7,411	7,425	7,385	7,126	4.0
Printing.....	3,090	3,050	3,081	1.3	-1.0	-0.4	3,204	3,131	3,167	3,112	3.0
Petroleum and coal products.....	12,202	13,346	13,204	-8.6	1.1	-5.3	12,632	13,887	13,847	13,081	-3.4
Chemical products.....	22,193	21,467	21,000	3.4	2.2	2.0	22,057	21,504	21,080	19,847	11.1
Plastics and rubber products.....	9,252	9,265	9,309	-0.1	-0.5	3.0	9,241	9,383	9,369	8,565	7.9
<u>WORK IN PROCESS</u>											
All manufacturing industries.....	166,384	167,162	165,830	-0.5	0.8	1.3	166,445	168,855	166,990	145,288	14.6
Durable goods industries.....	125,112	124,479	123,189	0.5	1.0	0.9	124,827	125,890	123,950	109,516	14.0
Wood products.....	1,961	1,938	1,926	1.2	0.6	1.0	1,955	1,955	1,936	2,044	-4.4
Nonmetallic mineral products.....	1,350	1,314	1,304	2.7	0.8	-1.4	1,323	1,304	1,316	1,280	3.4
Primary metals.....	10,895	10,909	10,872	-0.1	0.3	1.4	10,753	11,040	11,105	9,852	9.1
Fabricated metal products.....	13,357	13,502	13,455	-1.1	0.3	1.2	13,469	13,722	13,600	12,785	5.4
Machinery.....	15,783	15,146	14,795	4.2	2.4	0.6	15,830	15,375	14,886	14,383	10.1
Computers and electronic products.....	21,319	21,198	21,072	0.6	0.6	1.0	21,027	21,538	21,306	18,176	15.7
Electrical equipment, appliances, and components.....	3,182	3,133	3,100	1.6	1.1	-2.4	3,049	3,156	3,174	2,809	8.5
Transportation equipment.....	52,476	52,625	51,855	-0.3	1.5	1.2	52,629	53,030	51,740	43,414	21.2
Furniture and related products.....	1,296	1,220	1,262	6.2	-3.3	-3.5	1,289	1,224	1,287	1,317	-2.1
Miscellaneous products.....	3,493	3,494	3,548	0.0	-1.5	-0.9	3,503	3,546	3,600	3,456	1.4
Nondurable goods industries.....	41,272	42,683	42,641	-3.3	0.1	2.7	41,618	42,965	43,040	35,772	16.3
Food products.....	2,290	2,288	2,283	0.1	0.2	-2.6	2,167	2,073	2,037	2,449	-11.5
Beverage and tobacco products.....	4,279	4,291	4,213	-0.3	1.9	-0.3	4,264	3,894	3,788	4,389	-2.8
Textiles.....	906	921	899	-1.6	2.4	4.5	915	931	910	954	-4.1
Textile products.....	414	419	409	-1.2	2.4	2.3	416	418	412	451	-7.8
Apparel.....	654	669	674	-2.2	-0.7	0.7	658	684	681	699	-5.9
Leather and allied products.....	96	91	88	5.5	3.4	-2.2	97	93	89	89	9.0
Paper products.....	1,548	1,536	1,491	0.8	3.0	-1.9	1,559	1,572	1,510	1,422	9.6
Printing.....	1,716	1,690	1,699	1.5	-0.5	-4.4	1,887	1,794	1,801	2,050	-8.0
Petroleum and coal products.....	12,180	13,455	13,599	-9.5	-1.1	8.0	12,431	13,751	14,149	7,878	57.8
Chemical products.....	14,600	14,781	14,763	-1.2	0.1	1.3	14,669	15,231	15,162	12,957	13.2
Plastics and rubber products.....	2,589	2,542	2,523	1.8	0.8	1.6	2,555	2,524	2,501	2,434	5.0
<u>FINISHED GOODS</u>											
All manufacturing industries.....	199,849	202,952	201,093	-1.5	0.9	-0.2	200,079	205,067	202,487	195,003	2.6
Durable goods industries.....	98,819	98,657	97,534	0.2	1.2	0.1	97,506	99,238	97,865	95,644	1.9
Wood products.....	4,346	4,312	4,272	0.8	0.9	0.8	4,241	4,261	4,251	4,627	-8.3
Nonmetallic mineral products.....	5,785	5,771	5,681	0.2	1.6	-0.8	5,604	5,704	5,722	5,567	0.7
Primary metals.....	10,657	10,760	10,177	-1.0	5.7	-0.2	10,509	10,748	10,211	9,718	8.1
Fabricated metal products.....	14,460	14,436	14,278	0.2	1.1	0.9	14,103	14,327	14,357	13,307	6.0
Machinery.....	17,917	18,295	18,444	-2.1	-0.8	0.0	17,513	18,099	18,075	17,225	1.7
Computers and electronic products.....	10,176	10,293	9,978	-1.1	3.2	-0.1	10,083	10,591	10,040	9,964	1.2
Electrical equipment, appliances, and components.....	5,986	5,882	5,872	1.8	0.2	-0.4	5,794	5,839	5,870	5,621	3.1
Transportation equipment.....	14,364	13,905	13,923	3.3	-0.1	-0.4	14,398	14,422	14,303	14,551	-1.1
Furniture and related products.....	2,802	2,787	2,773	0.5	0.5	2.0	2,799	2,852	2,843	3,015	-7.2
Miscellaneous products.....	12,326	12,216	12,136	0.9	0.7	0.3	12,462	12,395	12,193	12,049	3.4
Nondurable goods industries.....	101,030	104,295	103,559	-3.1	0.7	-0.6	102,573	105,829	104,622	99,359	3.2
Food products.....	21,191	21,248	21,272	-0.3	-0.1	-0.1	22,118	21,956	21,265	21,446	3.1
Beverage and tobacco products.....	6,442	6,381	6,407	1.0	-0.4	-0.7	6,591	6,466	6,408	6,278	5.0
Textiles.....	1,616	1,567	1,564	3.1	0.2	0.5	1,609	1,571	1,571	1,630	-1.3
Textile products.....	1,557	1,562	1,576	-0.3	-0.9	2.6	1,561	1,580	1,585	1,659	-5.9
Apparel.....	2,720	2,755	2,783	-1.3	-1.0	1.3	2,883	2,931	2,931	2,742	5.1
Leather and allied products.....	565	564	559	0.2	0.9	3.5	577	577	568	554	4.2
Paper products.....	6,503	6,508	6,487	-0.1	0.3	-1.0	6,416	6,475	6,513	6,383	0.5
Printing.....	1,957	1,935	1,964	1.1	-1.5	-0.7	1,970	2,006	2,032	1,894	4.0
Petroleum and coal products.....	15,447	16,642	16,591	-7.2	0.3	-5.2	16,346	17,347	17,383	13,911	17.5
Chemical products.....	31,877	33,704	33,306	-5.4	1.2	0.7	31,512	33,749	33,516	32,636	-3.4
Plastics and rubber products.....	11,155	11,429	11,050	-2.4	3.4	1.3	10,990	11,171	10,850	10,226	7.5

^p Preliminary^r 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 2008 ^p	Aug 2008 ^r	Jul 2008	Jun 2008	Sep 2008 ^p	Aug 2008 ^r	Jul 2008	Jun 2008
All manufacturing industries ²	1.29	1.26	1.21	1.22	(X)	(X)	(X)	(X)
Durable goods industries ²	1.63	1.63	1.55	1.56	5.50	5.50	5.25	5.30
Wood products.....	1.32	1.30	1.27	1.25	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.30	1.30	1.26	1.26	(X)	(X)	(X)	(X)
Primary metals.....	1.58	1.52	1.42	1.45	1.18	1.23	1.26	1.28
Fabricated metal products.....	1.61	1.60	1.55	1.55	2.28	2.29	2.25	2.30
Machinery.....	1.81	1.88	1.86	1.83	4.05	4.17	4.04	3.81
Computers and electronic products ² ..	1.54	1.50	1.40	1.48	5.34	5.27	5.08	5.21
Electrical equipment, appliances, and components.....	1.46	1.45	1.37	1.42	2.57	2.58	2.48	2.59
Transportation equipment.....	1.74	1.78	1.63	1.65	13.53	13.60	12.32	12.62
Furniture and related products.....	1.23	1.23	1.21	1.20	1.29	1.33	1.29	1.27
Miscellaneous products.....	1.84	1.79	1.75	1.77	(X)	(X)	(X)	(X)
Nondurable goods industries.....	0.97	0.94	0.91	0.92	(X)	(X)	(X)	(X)
Food products.....	0.71	0.72	0.72	0.74	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.31	1.29	1.27	1.31	(X)	(X)	(X)	(X)
Textiles.....	1.30	1.28	1.26	1.27	(X)	(X)	(X)	(X)
Textile products.....	1.53	1.48	1.43	1.37	(X)	(X)	(X)	(X)
Apparel.....	1.67	1.69	1.67	1.67	(X)	(X)	(X)	(X)
Leather and allied products.....	2.06	2.13	2.14	2.16	(X)	(X)	(X)	(X)
Paper products.....	1.05	1.05	1.05	1.08	(X)	(X)	(X)	(X)
Printing.....	0.84	0.82	0.81	0.83	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.74	0.67	0.62	0.63	(X)	(X)	(X)	(X)
Chemical products.....	1.19	1.16	1.14	1.13	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.28	1.31	1.25	1.24	(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 2008	Sep ² 2007-Aug 2008	Sep ¹ 2008	Sep ² 2007-Aug 2008	Sep ¹ 2008	Sep ² 2007-Aug 2008	Sep ¹ 2008	Sep ² 2007-Aug 2008
All manufacturing industries.....	(X)	0.2	(X)	0.3	(X)	0.1	(X)	0.1
Durable goods industries.....	0.1	0.4	0.1	0.6	0.0	0.1	0.0	0.1
Wood products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.7
Nonmetallic mineral products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.3
Primary metals.....	-0.1	0.4	-0.1	0.9	-0.1	0.6	0.0	0.2
Fabricated metal products.....	0.2	0.4	0.8	0.8	0.3	0.3	0.0	0.2
Machinery.....	0.0	0.3	0.4	1.0	0.0	0.4	-0.1	0.2
Computers and electronic products	-0.2	1.1	-0.4	1.1	0.0	0.2	0.2	0.2
Electrical equipment, appliances, and components.....	0.1	0.4	-0.7	3.1	-0.3	1.4	-0.2	0.5
Transportation equipment.....	0.2	0.6	0.2	1.2	-0.1	0.1	-0.1	0.1
Furniture and related products.....	(X)	0.5	(X)	0.5	(X)	0.4	(X)	0.3
Miscellaneous products.....	(X)	0.6	(X)	0.9	(X)	1.0	(X)	0.2
Nondurable goods industries.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Food products.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.2
Beverage and tobacco products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Textiles.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.5
Textile products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.3
Apparel.....	(X)	1.6	(X)	(NA)	(X)	(NA)	(X)	0.8
Leather and allied products.....	(X)	1.2	(X)	(NA)	(X)	(NA)	(X)	0.9
Paper products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.1
Printing.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	1.2
Petroleum and coal products.....	(X)	1.1	(X)	(NA)	(X)	(NA)	(X)	0.8
Chemical products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.4
Plastics and rubber products.....	(X)	0.4	(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>.

2009 Release Dates for M3 Survey

Survey Month	Advance 8:30 A.M.	Preliminary 10:00 A.M.
November 2008	Dec. 24, 2008	Jan. 6, 2009
December 2008	Jan. 29, 2009	Feb. 5, 2009
January 2009	Feb. 26, 2009	Mar. 5, 2009
February 2009	Mar. 25, 2009	Apr. 2, 2009
March 2009	Apr. 24, 2009	May 1, 2009
April 2009	May 28, 2009	Jun. 3, 2009
May 2009	Jun. 24, 2009	Jul. 2, 2009
June 2009	Jul. 29, 2009	Aug. 5, 2009
July 2009	Aug. 26, 2009	Sep. 2, 2009
August 2009	Sep. 25, 2009	Oct. 2, 2009
September 2009	Oct. 28, 2009	Nov. 3, 2009
October 2009	Nov. 25, 2009	Dec. 4, 2009
November 2009	Dec. 24, 2009	