

U.S. Census Bureau News

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

FOR IMMEDIATE RELEASE

THURSDAY, NOVEMBER 2, 2006, AT 10:00 A.M. EST

Chris Savage or Patrick Kent
Manufacturing and Construction Division
(301) 763-4832

M3-2 (06)-9
CB06-168

Full Report on Manufacturers' Shipments, Inventories and Orders September 2006

Summary

New orders for manufactured goods in September, up following two consecutive monthly decreases, increased \$8.6 billion or 2.1 percent to \$411.2 billion, the U.S. Census Bureau reported today. 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 decrease.

Shipments, down three of the last four months, decreased \$14.1 billion or 3.5 percent to \$392.4 billion. This followed a 0.8 percent August increase.

Unfilled orders, up sixteen of the last seventeen months, increased \$24.8 billion or 3.9 percent to \$656.9 billion. This was at the highest level since the series began and followed a 0.5 percent August increase. The unfilled orders-to-shipments ratio was 4.44, up from 4.20 in August.

Inventories, up eleven of the last twelve months, increased \$3.0 billion or 0.6 percent to \$479.4 billion. This followed a 0.6 percent August increase. The inventories-to-shipments ratio was 1.22, up from 1.17 in August.

New Orders

New orders for manufactured durable goods in September, up four of the last five months, increased \$17.5 billion or 8.3 percent to \$228.1 billion, revised from the previously published 7.8 percent increase. This was at the highest level since the series began and followed a slight August increase.

Transportation equipment, up three of the last four months, had the largest increase, \$16.8 billion or 28.6 percent to \$75.5 billion.

New orders for manufactured nondurable goods decreased \$8.9 billion or 4.6 percent to \$183.1 billion.

Shipments

Shipments of manufactured durable goods in September, down two of the last three months, decreased \$5.3 billion or 2.5 percent to \$209.3 billion, revised from the previously published 2.8 percent decrease. This followed a 2.1 percent August increase.

Transportation equipment, down three of the last four months, had the largest decrease, \$2.5 billion or 4.5 percent to \$54.2 billion.

Shipments of manufactured nondurable goods, down three of the last four months, decreased \$8.9 billion or 4.6 percent to \$183.1 billion. This was led by petroleum and coal products, which decreased \$5.5 billion or 13.9 percent to \$33.9 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in September, up sixteen of the last seventeen months, increased \$24.8 billion or 3.9 percent to \$656.9 billion, revised from the previously published 3.8 percent increase. This was at the highest level since the series began and followed a 0.5 percent August increase.

Transportation equipment, up sixteen of the last seventeen months, had the largest increase, \$21.2 billion or 6.4 percent to \$352.5 billion.

Inventories

Inventories of manufactured durable goods in September, up eight of the last nine months, increased \$3.1 billion or 1.1 percent to \$291.3 billion, revised from the previously published 1.0 percent increase. This followed a 0.7 percent August increase.

Transportation equipment, up six of the last seven months, had the largest increase, \$0.9 billion or 1.4 percent to \$67.4 billion.

Inventories of manufactured nondurable goods, down following six consecutive monthly increases, decreased slightly to \$188.1 billion. This was due to petroleum and coal products, which decreased \$1.2 billion or 3.9 percent to \$29.0 billion.

By stage of fabrication, September materials and supplies increased 0.6 percent in durable goods and decreased 0.6 percent in nondurable goods. Work in process increased 2.0 percent in durable goods and decreased 1.3 percent in nondurable goods. Finished goods increased 0.5 percent in durable goods and 0.9 percent in nondurable goods.

Figures in text, other than year-to-date, 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 28, 2006, at 8:30 a.m. EST and the full report on December 5, 2006, at 10:00 a.m. EST. See back page for survey description.

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. 2006 ^p	Aug. 2006 ^r	July 2006	Aug. - Sept.	July - Aug.	June - July	Sept. 2006 ^p	Aug. 2006 ^r	July 2006	Sept. 2005	2006 ^p	2005	Percent 2006/ 2005
All manufacturing industries	392,395	406,519	403,287	-3.5	0.8	-0.1	406,732	419,934	371,365	403,254	3,586,566	3,378,568	6.2
Excluding transportation	338,160	349,738	349,527	-3.3	0.1	0.8	349,225	360,436	332,909	342,593	3,083,228	2,886,662	6.8
Excluding defense	383,012	396,653	393,985	-3.4	0.7	-0.1	396,632	410,141	362,847	393,481	3,502,890	3,299,836	6.2
With unfilled orders	148,008	150,590	147,557	-1.7	2.1	0.3	156,135	153,234	130,198	144,177	1,309,203	1,196,277	9.4
Durable goods industries	209,297	214,555	210,220	-2.5	2.1	-1.3	220,931	219,735	182,598	215,367	1,891,982	1,767,433	7.0
Wood products	7,913	8,018	7,991	-1.3	0.3	-4.3	8,347	8,550	7,892	9,443	76,480	78,640	-2.7
Nonmetallic mineral products	9,902	9,917	9,994	-0.2	-0.8	-1.3	10,081	10,813	9,845	10,021	90,927	83,767	8.5
Primary metals	19,499	19,958	19,961	-2.3	0.0	2.2	19,573	20,705	18,162	16,642	170,468	146,451	16.4
Iron and steel mills	9,003	9,234	9,205	-2.5	0.3	2.5	9,079	9,544	8,434	8,024	79,750	73,546	8.4
Aluminum and nonferrous metals	8,846	9,065	9,069	-2.4	0.0	2.3	8,799	9,425	8,242	6,949	75,663	58,688	28.9
Ferrous metal foundries	1,650	1,659	1,687	-0.5	-1.7	0.4	1,695	1,736	1,486	1,669	15,055	14,217	5.9
Fabricated metal products	24,644	25,037	24,723	-1.6	1.3	-0.7	25,536	26,623	23,095	24,376	222,948	206,434	8.0
Machinery	27,876	28,169	27,685	-1.0	1.7	0.9	28,475	27,730	25,913	25,831	245,469	219,700	11.7
Farm machinery	1,580	1,588	1,583	-0.5	0.3	3.3	1,445	1,515	1,668	1,322	14,777	14,554	1.5
Construction machinery	2,954	3,207	3,064	-7.9	4.7	-0.5	2,796	3,108	2,775	2,757	27,832	23,973	16.1
Mining, oil field, and gas field machinery	1,164	1,199	1,129	-2.9	6.2	-1.3	1,222	1,200	1,091	968	9,923	8,110	22.4
Industrial machinery	3,191	3,153	3,336	1.2	-5.5	18.1	3,266	2,669	3,392	2,635	25,597	22,554	13.5
Photographic equipment	650	667	646	-2.5	3.3	2.7	698	654	599	679	5,637	5,306	6.2
Ventilation, heating, air-conditioning, and refrigeration equipment	3,700	3,694	3,617	0.2	2.1	3.1	4,106	3,942	3,483	3,432	31,540	26,652	18.3
Metalworking machinery	2,760	2,759	2,756	0.0	0.1	2.2	2,985	2,839	2,426	2,856	24,953	22,015	13.3
Turbines, generators, and other power transmission equipment	3,592	3,548	3,306	1.2	7.3	-9.6	3,601	3,573	2,942	3,205	30,658	27,926	9.8
Material handling equipment	2,152	2,158	2,185	-0.3	-1.2	-0.7	2,207	2,189	1,962	2,105	19,180	16,720	14.7
Computers and electronic products	34,610	35,745	35,392	-3.2	1.0	1.3	39,218	34,421	31,222	37,806	311,789	288,277	8.2
Computers	4,445	4,770	5,102	-6.8	-6.5	22.1	4,567	4,395	5,329	4,971	41,634	41,101	1.3
Computer storage devices	668	714	621	-6.4	15.0	-8.5	1,073	575	363	955	5,727	5,103	12.2
Other peripheral equipment	1,184	1,226	1,210	-3.4	1.3	4.2	1,479	1,130	920	1,546	10,459	10,793	-3.1
Nondefense communications equipment	5,617	5,349	4,847	5.0	10.4	-12.1	6,790	4,917	3,973	5,684	47,750	41,302	15.6
Defense communications equipment	542	561	499	-3.4	12.4	-10.7	611	573	422	395	4,712	3,553	32.6
Audio and video equipment	953	938	903	1.6	3.9	-1.7	1,026	923	776	943	7,668	7,768	-1.3
Semiconductors	5,963	6,796	6,872	-12.3	-1.1	3.6	6,514	6,804	6,085	7,083	60,271	56,082	7.5
Electronic components	5,052	4,993	5,053	1.2	-1.2	-1.3	5,550	5,035	4,577	4,961	43,281	38,033	13.8
Nondefense search and navigation equipment	932	966	914	-3.5	5.7	2.7	1,045	991	814	1,004	8,451	8,331	1.4
Defense search and navigation equipment	2,902	2,969	2,892	-2.3	2.7	1.8	2,981	2,978	2,782	2,729	25,307	22,963	10.2
Electromedical, measuring, and control instruments	5,751	5,871	5,915	-2.0	-0.7	1.0	6,916	5,527	4,669	6,902	51,547	47,820	7.8
Electrical equipment, appliances, and components	10,066	10,367	10,286	-2.9	0.8	0.5	10,990	10,679	9,353	10,566	90,820	82,777	9.7
Electric lighting equipment	1,084	1,149	1,135	-5.7	1.2	5.0	1,187	1,170	980	1,142	9,584	9,019	6.3
Household appliances	2,122	2,146	2,060	-1.1	4.2	-3.7	2,295	2,252	1,849	2,289	18,775	18,153	3.4
Electrical equipment	3,239	3,283	3,293	-1.3	-0.3	2.7	3,591	3,321	3,050	3,430	29,163	26,147	11.5
Batteries	500	577	553	-13.3	4.3	5.5	581	589	449	631	4,665	4,437	5.1
Transportation equipment	54,235	56,781	53,760	-4.5	5.6	-5.8	57,507	59,498	38,456	60,661	503,338	491,906	2.3
Automobiles	6,384	6,888	6,513	-7.3	5.8	-9.6	6,792	7,600	3,877	7,896	62,657	63,558	-1.4
Light trucks and utility vehicles	9,592	10,550	9,789	-9.1	7.8	-22.3	10,398	11,478	5,549	15,494	103,849	109,909	-5.5
Heavy duty trucks	2,182	2,290	2,233	-4.7	2.6	13.9	2,238	2,329	2,064	2,111	19,665	17,644	11.5
Motor vehicle bodies, parts, and trailers	18,439	19,708	18,982	-6.4	3.8	1.5	19,050	21,201	13,466	19,886	169,359	171,374	-1.2
Nondefense aircraft and parts	8,730	8,158	7,469	7.0	9.2	-6.5	9,056	7,710	5,800	5,390	69,146	51,388	34.6
Defense aircraft and parts	3,410	3,614	3,396	-5.6	6.4	5.1	3,837	3,587	3,025	3,822	30,232	29,250	3.4
Ships and boats	2,116	2,123	1,899	-0.3	11.8	-10.8	2,194	2,172	1,614	2,059	17,903	19,386	-7.6
Furniture and related products	7,595	7,635	7,524	-0.5	1.5	-2.4	7,675	8,068	7,229	7,481	68,629	64,583	6.3
Miscellaneous durable goods	12,957	12,928	12,904	0.2	0.2	1.4	13,529	12,648	11,431	12,540	111,114	104,898	5.9
Nondurable goods industries	183,098	191,964	193,067	-4.6	-0.6	1.2	185,801	200,199	188,767	187,887	1,694,584	1,611,135	5.2
Food products	44,323	44,574	44,534	-0.6	0.1	1.1	45,684	45,538	42,101	46,057	395,175	394,821	0.1
Grain and oilseed milling	4,311	4,183	4,240	3.1	-1.3	1.8	4,312	4,327	4,114	4,361	37,801	38,424	-1.6
Dairy products	5,885	5,989	6,047	-1.7	-1.0	1.5	5,970	6,138	5,853	6,333	53,604	55,586	-3.6
Meat, poultry, and seafood products	13,967	14,047	14,192	-0.6	-1.0	2.1	14,304	14,508	13,826	14,599	125,837	128,574	-2.1
Beverage and tobacco products	9,622	10,382	9,804	-7.3	5.9	-4.0	9,762	10,957	9,968	9,664	89,575	85,932	4.2
Beverages	6,371	6,464	6,341	-1.4	1.9	-2.1	6,511	7,039	6,505	6,421	58,369	56,018	4.2
Tobacco	3,251	3,918	3,463	-17.0	13.1	-7.3	3,251	3,918	3,463	3,243	31,206	29,914	4.3
Textile mills	2,739	2,776	2,861	-1.3	-3.0	1.6	2,885	2,890	2,641	2,910	25,536	27,812	-8.2
Textile products	2,788	2,811	2,896	-0.8	-2.9	-0.9	2,871	2,962	2,925	3,086	26,207	25,841	1.4
Apparel	2,882	2,866	2,921	0.6	-1.9	-2.2	2,982	3,024	2,922	2,933	26,486	24,752	7.0
Leather and allied products	504	486	496	3.7	-2.0	2.3	528	529	484	468	4,283	4,286	-0.1
Paper products	13,657	13,760	13,738	-0.7	0.2	-0.7	13,605	14,100	13,409	12,717	123,758	119,089	3.9
Pulp, paper, and paperboard mills	6,177	6,137	6,232	0.7	-1.5	-0.5	6,115	6,325	6,183	5,809	55,638	53,897	3.2
Paperboard containers	3,961	3,996	3,952	-0.9	1.1	1.0	3,912	4,212	3,860	3,640	35,108	33,487	4.8
Printing	7,625	7,685	7,694	-0.8	-0.1	-0.2	8,030	7,873	7,201	7,832	67,232	66,976	0.4
Petroleum and coal products	33,865	39,334	40,862	-13.9	-3.7	2.5	35,107	42,855	43,011	39,333	342,842	299,442	14.5
Petroleum refineries	31,048	36,461	38,014	-14.8	-4.1	2.5	31,883	39,408	39,879	36,582	317,674	278,968	13.9
Chemical products	48,086	49,856	49,933	-3.6	-0.2	2.8	47,323	51,066	47,874	45,847	438,091	415,088	5.5
Pesticides, fertilizers, and other agricultural chemicals	2,515	2,424	2,325	3.8	4.3	8.7	1,958	2,010	1,974	2,155	21,737	22,623	-3.9
Pharmaceuticals and medicines	12,535	13,576	13,729	-7.7	-1.1	4.7	12,534	14,111	12,942	12,082	115,518	109,831	5.2
Paints, coatings, and adhesives	2,839	2,817	2,696	0.8	4.5	-1.5	2,861	3,044	2,770	2,735	25,455	24,370	4.5
Plastics and rubber products	17,007	17,434	17,328	-2.4	0.6	-0.6	17,024	18,405	16,231	17,040	155,399	147,096	5.6

^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. 2006 ^p	Aug. 2006 ^r	July 2006	Aug. - Sept.	July - Aug.	June - July	Sept. 2006 ^p	Aug. 2006 ^r	July 2006	Sept. 2005	2006 ^p	2005	Percent 2006/ 2005
All manufacturing industries ²	411,200	402,609	403,628	2.1	-0.3	-1.0	421,063	411,362	371,219	397,383	3,602,505	3,361,940	7.2
Excluding transportation ²	335,742	343,915	346,978	-2.4	-0.9	0.6	344,432	351,587	330,806	338,251	3,052,089	2,852,203	7.0
Excluding defense ²	396,094	391,337	393,183	1.2	-0.5	-0.6	406,439	401,817	363,553	389,921	3,514,114	3,295,754	6.6
With unfilled orders ²	172,776	153,476	154,770	12.6	-0.8	-1.6	176,980	151,466	136,137	145,389	1,385,413	1,235,731	12.1
Durable goods industries ²	228,102	210,645	210,561	8.3	0.0	-2.8	235,262	211,163	182,452	209,496	1,907,921	1,750,805	9.0
Primary metals.....	19,250	19,503	20,050	-1.3	-2.7	1.6	19,036	20,368	18,166	17,750	171,582	146,938	16.8
Iron and steel mills.....	8,753	8,774	9,079	-0.2	-3.4	-0.5	8,576	9,314	8,343	8,781	80,039	73,219	9.3
Aluminum and nonferrous metals.....	8,853	9,140	9,236	-3.1	-1.0	4.3	8,815	9,434	8,293	7,284	76,315	59,492	28.3
Ferrous metal foundries.....	1,644	1,589	1,735	3.5	-8.4	-0.5	1,645	1,620	1,530	1,685	15,228	14,227	7.0
Fabricated metal products.....	25,291	25,595	24,912	-1.2	2.7	-6.5	25,633	26,432	23,434	24,745	229,536	212,454	8.0
Machinery.....	28,915	28,608	28,908	1.1	-1.0	0.6	28,844	27,521	26,693	26,114	254,346	225,484	12.8
Construction machinery.....	3,879	3,011	3,026	28.8	-0.5	-13.1	3,365	2,752	2,354	2,354	28,294	25,325	11.7
Mining, oil field, and gas field machinery.....	1,169	1,294	1,458	-9.7	-11.2	18.4	1,198	1,327	1,409	1,168	11,157	8,985	24.2
Industrial machinery.....	3,060	3,073	3,260	-0.4	-5.7	7.7	2,997	2,311	3,530	2,726	27,335	22,054	23.9
Photographic equipment.....	590	840	626	-29.8	34.2	-3.2	626	815	604	895	5,840	5,691	2.6
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,755	3,935	3,968	-4.6	-0.8	6.7	3,860	4,307	3,851	3,559	33,125	27,766	19.3
Metalworking machinery.....	3,126	3,046	3,010	2.6	1.2	4.8	3,300	2,975	2,692	2,861	26,115	23,104	13.0
Turbines, generators, and other power transmission equipment.....	3,717	3,634	3,475	2.3	4.6	-9.9	3,615	3,672	3,116	3,058	32,491	28,133	15.5
Material handling equipment.....	1,854	2,029	2,388	-8.6	-15.0	5.7	2,160	1,824	1,889	2,418	19,644	17,688	11.1
Computers and electronic products ²	30,707	30,040	30,680	2.2	-2.1	4.1	34,778	27,486	26,818	31,287	260,453	238,752	9.1
Computers.....	4,579	4,414	5,233	3.7	-15.7	22.0	4,701	4,039	5,460	5,157	41,150	40,967	0.4
Nondefense communications equipment.....	6,256	6,122	4,970	2.2	23.2	-15.9	7,576	5,029	3,869	5,315	50,199	42,698	17.6
Defense communications equipment.....	597	578	1,000	3.3	-42.2	49.5	795	369	939	663	5,023	4,335	15.9
Semiconductors ²	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	5,183	5,200	5,230	-0.3	-0.6	1.3	5,546	5,450	4,745	4,850	44,166	38,219	15.6
Nondefense search and navigation equipment.....	1,068	1,033	1,215	3.4	-15.0	37.3	1,173	1,008	1,137	1,151	9,780	8,868	10.3
Defense search and navigation equipment.....	3,136	3,153	3,845	-0.5	-18.0	26.3	3,320	2,793	3,309	2,935	27,779	24,067	15.4
Electromedical, measuring, and control instruments.....	6,482	6,070	5,889	6.8	3.1	-4.4	7,423	5,597	4,788	7,139	53,520	50,506	6.0
Electrical equipment, appliances, and components.....	10,076	9,859	10,822	2.2	-8.9	0.0	10,631	9,982	10,182	10,889	94,309	85,136	10.8
Electric lighting equipment.....	946	814	1,043	16.2	-22.0	-6.0	967	794	868	1,158	9,598	9,220	4.1
Household appliances.....	1,976	2,022	2,339	-2.3	-13.6	14.3	2,090	2,156	2,190	2,225	18,874	18,419	2.5
Electrical equipment.....	3,318	3,265	3,777	1.6	-13.6	-6.1	3,508	3,236	3,665	3,598	31,499	27,675	13.8
Transportation equipment.....	75,458	58,694	56,650	28.6	3.6	-9.4	76,631	59,775	40,413	59,132	550,416	509,737	8.0
Motor vehicle bodies, parts, and trailers.....	18,648	19,573	19,372	-4.7	1.0	2.3	19,123	20,645	14,335	20,196	170,964	171,828	-0.5
Nondefense aircraft and parts.....	23,124	7,981	9,877	189.7	-19.2	-12.5	22,930	7,358	8,360	6,734	110,499	79,068	39.8
Defense aircraft and parts.....	2,867	3,301	3,052	-13.1	8.2	1.8	2,637	2,518	2,102	2,548	27,094	20,993	29.1
Ships and boats.....	1,919	2,960	1,685	-35.2	75.7	-57.0	1,838	2,823	1,057	1,603	20,745	15,343	35.2
Furniture and related products.....	7,713	7,468	7,464	3.3	0.1	-0.9	7,832	7,573	7,392	7,633	68,818	65,463	5.1
Nondurable goods industries.....	183,098	191,964	193,067	-4.6	-0.6	1.2	185,801	200,199	188,767	187,887	1,694,584	1,611,135	5.2

^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(05), "Manufacturers' Shipments, Inventories, and Orders: 1992-2005."

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. 06/05
	Sept. 2006 ^P	Aug. 2006 ^r	July 2006	Aug. - Sept.	July - Aug.	June - July	Sept. 2006 ^P	Aug. 2006 ^r	July 2006	Sept. 2005	
All manufacturing industries ¹	656,907	632,139	629,253	3.9	0.5	1.2	648,638	627,793	629,561	530,691	22.2
Excluding transportation ¹	304,395	300,850	299,877	1.2	0.3	1.5	300,420	298,699	300,744	265,013	13.4
Excluding defense ¹	508,118	489,073	487,593	3.9	0.3	1.3	503,378	487,057	488,577	393,892	27.8
Durable goods industries ¹	656,907	632,139	629,253	3.9	0.5	1.2	648,638	627,793	629,561	530,691	22.2
Primary metals.....	26,793	27,042	27,497	-0.9	-1.7	0.3	26,388	26,925	27,262	22,269	18.5
Iron and steel mills.....	16,642	16,892	17,352	-1.5	-2.7	-0.7	16,414	16,917	17,147	13,344	23.0
Aluminum and nonferrous metals.....	7,091	7,084	7,009	0.1	1.1	2.4	7,014	6,998	6,989	6,203	13.1
Ferrous metal foundries.....	3,060	3,066	3,136	-0.2	-2.2	1.6	2,960	3,010	3,126	2,722	8.7
Fabricated metal products.....	54,005	53,358	52,800	1.2	1.1	0.4	53,693	53,596	53,787	46,743	14.9
Machinery.....	72,300	71,261	70,822	1.5	0.6	1.8	70,582	70,213	70,422	57,849	22.0
Construction machinery.....	8,867	7,942	8,138	11.6	-2.4	-0.5	8,038	7,469	7,825	6,219	29.2
Mining, oil field, and gas field machinery.....	3,546	3,541	3,446	0.1	2.8	10.6	3,568	3,592	3,465	2,369	50.6
Industrial machinery.....	10,835	10,966	11,046	-1.2	-0.7	-0.7	10,582	10,851	11,209	9,062	16.8
Photographic equipment.....	1,512	1,572	1,399	-3.8	12.4	-1.4	1,497	1,569	1,408	1,264	18.4
Ventilation, heating, air-conditioning, and refrigeration equipment.....	8,779	8,724	8,483	0.6	2.8	4.3	8,624	8,870	8,505	5,983	44.1
Metalworking machinery.....	7,498	7,132	6,845	5.1	4.2	3.9	7,367	7,052	6,916	6,425	14.7
Turbines, generators, and other power transmission equipment.....	11,854	11,729	11,643	1.1	0.7	1.5	11,767	11,753	11,654	9,229	27.5
Material handling equipment.....	8,461	8,759	8,888	-3.4	-1.5	2.3	8,318	8,365	8,730	7,040	18.2
Computers and electronic products ¹	117,760	115,700	114,609	1.8	1.0	1.9	116,510	114,436	114,567	107,877	8.0
Computers.....	4,218	4,084	4,440	3.3	-8.0	3.0	4,218	4,084	4,440	4,800	-12.1
Nondefense communications equipment.....	29,412	28,773	28,000	2.2	2.8	0.4	28,968	28,182	28,070	27,022	7.2
Defense communications equipment.....	6,910	6,855	6,838	0.8	0.2	7.9	6,804	6,620	6,824	6,859	-0.8
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	12,177	12,046	11,839	1.1	1.7	1.5	12,195	12,199	11,784	11,338	7.6
Nondefense search and navigation equipment.....	5,729	5,593	5,526	2.4	1.2	5.8	5,702	5,574	5,557	4,349	31.1
Defense search and navigation equipment.....	37,553	37,319	37,135	0.6	0.5	2.6	37,119	36,780	36,965	34,707	6.9
Electromedical, measuring, and control instruments.....	21,761	21,030	20,831	3.5	1.0	-0.1	21,504	20,997	20,927	18,802	14.4
Electrical equipment, appliances, and components.....	21,619	21,609	22,117	0.0	-2.3	2.5	21,323	21,682	22,379	17,338	23.0
Electric lighting equipment.....	2,014	2,152	2,487	-6.4	-13.5	-3.6	1,987	2,207	2,583	1,891	5.1
Household appliances.....	734	880	1,004	-16.6	-12.4	38.5	681	886	982	844	-19.3
Electrical equipment.....	12,933	12,854	12,872	0.6	-0.1	3.9	12,811	12,894	12,979	10,203	25.6
Transportation equipment.....	352,512	331,289	329,376	6.4	0.6	0.9	348,218	329,094	328,817	265,678	31.1
Motor vehicle bodies, parts, and trailers.....	19,200	18,991	19,126	1.1	-0.7	2.1	18,697	18,624	19,180	15,914	17.5
Nondefense aircraft and parts.....	209,601	195,207	195,384	7.4	-0.1	1.2	208,787	194,913	195,265	135,954	53.6
Defense aircraft and parts.....	43,577	44,120	44,433	-1.2	-0.7	-0.8	42,370	43,570	44,639	40,573	4.4
Ships and boats.....	16,462	16,659	15,822	-1.2	5.3	-1.3	15,704	16,060	15,409	13,986	12.3
Furniture and related products.....	7,223	7,105	7,272	1.7	-2.3	-0.8	7,229	7,072	7,567	7,547	-4.2

^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. 06/05
	Sept. 2006 ^P	Aug. 2006 ^r	July 2006	Aug. - Sept.	July - Aug.	June - July	Sept. 2006 ^P	Aug. 2006 ^r	July 2006	Sept. 2005	
All manufacturing industries	479,404	476,356	473,717	0.6	0.6	0.8	479,391	480,282	477,394	445,763	7.5
Excluding transportation	412,020	409,921	406,571	0.5	0.8	0.7	411,623	412,984	409,284	381,700	7.8
Excluding defense	460,162	457,310	454,685	0.6	0.6	0.8	459,992	461,099	458,197	426,403	7.9
With unfilled orders	226,574	223,688	222,475	1.3	0.5	1.0	225,783	225,679	224,599	208,378	8.4
Durable goods industries	291,301	288,246	286,383	1.1	0.7	1.1	290,387	291,117	289,153	268,878	8.0
Wood products.....	11,602	11,692	11,655	-0.8	0.3	-0.2	11,519	11,536	11,415	11,542	-0.2
Nonmetallic mineral products.....	11,201	11,018	10,893	1.7	1.1	1.4	11,018	11,031	11,053	9,949	10.7
Primary metals.....	29,399	28,590	28,041	2.8	2.0	2.1	29,201	28,569	28,221	25,053	16.6
Iron and steel mills.....	16,497	15,876	15,472	3.9	2.6	2.8	16,525	15,936	15,642	14,276	15.8
Aluminum and nonferrous metals.....	10,714	10,547	10,456	1.6	0.9	1.3	10,565	10,508	10,474	8,713	21.3
Ferrous metal foundries.....	2,188	2,167	2,113	1.0	2.6	0.7	2,111	2,125	2,105	2,064	2.3
Fabricated metal products.....	37,489	37,003	36,467	1.3	1.5	1.2	37,070	37,101	36,902	33,804	9.7
Machinery.....	46,058	45,422	45,148	1.4	0.6	0.6	45,876	45,803	45,182	43,162	6.3
Farm machinery.....	2,186	2,173	2,157	0.6	0.7	-1.0	2,062	2,064	2,104	2,180	-5.4
Construction machinery.....	4,300	4,158	4,134	3.4	0.6	0.5	4,257	4,083	4,094	3,628	17.3
Mining, oil field, and gas field machinery.....	2,964	2,907	2,869	2.0	1.3	2.9	2,945	2,979	2,923	2,414	22.0
Industrial machinery.....	7,284	7,130	6,948	2.2	2.6	-0.5	7,250	7,293	6,925	6,463	12.2
Photographic equipment.....	1,355	1,388	1,412	-2.4	-1.7	4.5	1,395	1,401	1,424	1,496	-6.8
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,053	4,054	4,010	0.0	1.1	3.0	3,986	4,103	4,020	3,654	9.1
Metalworking machinery.....	4,174	4,120	4,133	1.3	-0.3	-1.3	4,243	4,204	4,191	4,531	-6.4
Turbines, generators, and other power transmission equipment.....	5,125	5,040	5,043	1.7	-0.1	1.6	5,159	5,139	5,063	4,623	11.6
Material handling equipment.....	2,905	2,874	2,844	1.1	1.1	-0.2	2,877	2,862	2,788	2,774	3.7
Computers and electronic products	45,663	45,675	45,018	0.0	1.5	0.9	45,584	46,832	45,851	41,590	9.6
Computers.....	1,271	1,216	1,184	4.5	2.7	3.0	1,338	1,302	1,165	1,340	-0.1
Computer storage devices.....	1,105	1,049	1,038	5.3	1.1	0.3	1,063	1,129	1,090	1,003	6.0
Other peripheral equipment.....	2,077	1,984	1,980	4.7	0.2	-0.8	2,056	2,069	2,031	2,057	0.0
Nondefense communications equipment.....	9,053	8,967	8,966	1.0	0.0	-0.3	8,964	9,071	9,008	8,577	4.5
Defense communications equipment.....	963	996	964	-3.3	3.3	6.8	971	998	967	1,006	-3.5
Audio and video equipment.....	1,033	988	916	4.6	7.9	4.1	1,170	1,053	950	981	19.3
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	6,673	6,715	6,679	-0.6	0.5	-1.4	6,672	6,816	6,835	6,144	8.6
Nondefense search and navigation equipment.....	2,903	2,875	2,878	1.0	-0.1	2.0	2,886	2,899	2,921	2,593	11.3
Defense search and navigation equipment.....	2,473	2,512	2,466	-1.6	1.9	-1.4	2,490	2,593	2,515	2,368	5.2
Electromedical, measuring and control instruments.....	9,729	10,086	9,778	-3.5	3.1	1.1	9,591	10,305	9,816	9,318	2.9
Electrical equipment, appliances, and components.....	14,078	14,116	13,873	-0.3	1.8	2.0	13,776	14,160	13,887	12,296	12.0
Electric lighting equipment.....	1,662	1,743	1,674	-4.6	4.1	0.5	1,631	1,783	1,703	1,496	9.0
Household appliances.....	2,160	2,151	2,144	0.4	0.3	0.0	2,068	2,120	2,164	1,918	7.8
Electrical equipment.....	4,797	4,806	4,800	-0.2	0.1	3.4	4,681	4,829	4,759	3,999	17.1
Batteries.....	573	577	575	-0.7	0.3	1.1	599	607	579	541	10.7
Transportation equipment.....	67,384	66,435	67,146	1.4	-1.1	1.1	67,768	67,298	68,110	64,063	5.8
Automobiles.....	1,997	2,139	2,291	-6.6	-6.6	12.6	2,066	2,266	2,428	1,920	7.6
Light trucks and utility vehicles.....	3,299	3,540	3,172	-6.8	11.6	-1.7	3,415	3,742	3,205	3,294	3.7
Heavy duty trucks.....	1,405	1,403	1,403	0.1	0.0	0.7	1,435	1,431	1,394	1,325	8.3
Motor vehicle bodies, parts, and trailers.....	17,316	17,148	17,165	1.0	-0.1	0.6	17,252	17,024	17,314	16,772	2.9
Nondefense aircraft and parts.....	23,735	22,682	23,665	4.6	-4.2	0.7	23,874	23,140	24,126	21,176	12.7
Defense aircraft and parts.....	12,057	11,798	11,837	2.2	-0.3	1.1	12,163	11,862	11,970	11,535	5.4
Ships and boats.....	2,793	2,867	2,869	-2.6	-0.1	1.7	2,801	2,840	2,854	2,732	2.5
Furniture and related products.....	8,684	8,644	8,571	0.5	0.9	0.0	8,701	8,758	8,790	8,211	6.0
Miscellaneous durable goods.....	19,743	19,651	19,571	0.5	0.4	1.6	19,874	20,029	19,742	19,208	3.5
Nondurable goods industries.....	188,103	188,110	187,334	0.0	0.4	0.3	189,004	189,165	188,241	176,885	6.9
Food products.....	33,690	33,416	33,237	0.8	0.5	0.3	34,273	33,336	32,651	32,951	4.0
Grain and oilseed milling.....	4,341	4,338	4,211	0.1	3.0	0.8	4,284	4,065	4,015	3,673	16.6
Dairy products.....	3,673	3,620	3,612	1.5	0.2	-1.1	3,650	3,657	3,759	3,882	-6.0
Meat, poultry, and seafood products.....	6,168	6,087	6,000	1.3	1.5	1.5	6,258	6,032	5,967	5,744	8.9
Beverage and tobacco products.....	15,143	15,365	15,415	-1.4	-0.3	0.4	15,424	15,082	14,814	15,398	0.2
Beverages.....	10,785	10,960	10,963	-1.6	0.0	1.0	11,039	10,797	10,619	10,726	2.9
Tobacco.....	4,358	4,405	4,452	-1.1	-1.1	-1.0	4,385	4,285	4,195	4,672	-6.1
Textile mills.....	3,588	3,553	3,525	1.0	0.8	0.1	3,536	3,553	3,561	3,533	0.1
Textile products.....	3,133	3,138	3,146	-0.2	-0.3	1.4	3,133	3,161	3,177	3,019	3.8
Apparel.....	4,488	4,500	4,471	-0.3	0.6	1.3	4,665	4,662	4,623	4,883	-4.5
Leather and allied products.....	771	757	744	1.8	1.7	1.5	787	773	756	831	-5.3
Paper products.....	14,651	14,585	14,508	0.5	0.5	0.4	14,556	14,557	14,595	14,322	1.6
Pulp, paper, and paperboard mills.....	6,654	6,609	6,549	0.7	0.9	1.4	6,580	6,584	6,614	6,458	1.9
Paperboard containers.....	3,861	3,885	3,899	-0.6	-0.4	-2.3	3,854	3,887	3,914	3,887	-0.8
Printing.....	6,033	5,994	6,011	0.7	-0.3	-0.4	6,422	6,322	6,332	6,363	0.9
Petroleum and coal products.....	28,975	30,149	30,014	-3.9	0.4	0.0	29,518	31,216	31,183	25,410	16.2
Petroleum refineries.....	26,336	27,581	27,579	-4.5	0.0	-0.4	26,863	28,471	28,606	23,371	14.9
Chemical products.....	57,986	57,182	56,960	1.4	0.4	0.2	57,537	57,505	57,476	52,749	9.1
Pesticides, fertilizers, and other agricultural chemicals.....	2,452	2,579	2,588	-4.9	-0.3	0.5	2,144	2,208	2,275	2,008	6.8
Pharmaceuticals and medicines.....	20,912	20,108	20,248	4.0	-0.7	0.0	21,085	20,704	20,811	18,598	13.4
Paints, coatings, and adhesives.....	2,885	2,900	2,874	-0.5	0.9	0.8	2,814	2,898	2,911	2,682	4.9
Plastics and rubber products.....	19,645	19,471	19,303	0.9	0.9	1.2	19,153	18,998	19,073	17,426	9.9

^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 2006/ 2005
	Monthly			Percent Change			Monthly			Year to date			
	Sept. 2006 ^p	Aug. 2006 ^r	July 2006	Aug. - Sept.	July - Aug.	June - July	Sept. 2006 ^p	Aug. 2006 ^r	July 2006	Sept. 2005	2006 ^p	2005	
SHIPMENTS													
All manufacturing industries	392,395	406,519	403,287	-3.5	0.8	-0.1	406,732	419,934	371,365	403,254	3,586,566	3,378,568	6.2
Construction materials and supplies.....	42,773	43,093	42,816	-0.7	0.6	-0.8	44,916	46,619	41,523	44,140	390,078	365,634	6.7
Information technology.....	27,366	27,835	27,358	-1.7	1.7	0.9	31,188	26,583	24,184	29,515	242,507	224,489	8.0
Computers and related products	6,297	6,710	6,933	-6.2	-3.2	15.2	7,119	6,100	6,612	7,472	57,820	56,997	1.4
Motor vehicle and parts.....	36,597	39,436	37,517	-7.2	5.1	-7.3	38,478	42,608	24,956	45,387	355,530	362,485	-1.9
Capital goods.....	75,792	76,398	74,624	-0.8	2.4	0.2	81,108	74,811	67,311	73,666	665,700	599,495	11.0
Nondefense capital goods ³	67,976	68,173	66,857	-0.3	2.0	0.6	72,802	66,626	60,114	65,465	595,561	532,707	11.8
Excluding aircraft.....	62,095	62,940	62,139	-1.3	1.3	1.5	66,844	61,642	56,678	62,729	551,160	506,247	8.9
Defense capital goods ⁴	7,816	8,225	7,767	-5.0	5.9	-3.1	8,306	8,185	7,197	8,201	70,139	66,788	5.0
Consumer goods.....	147,085	156,090	156,013	-5.8	0.0	-1.3	151,455	163,166	145,666	160,804	1,385,124	1,330,714	4.1
Consumer durable goods.....	32,679	34,103	32,790	-4.2	4.0	-9.7	34,507	35,592	23,880	39,966	312,538	313,005	-0.1
Consumer nondurable goods.....	114,406	121,987	123,223	-6.2	-1.0	1.2	116,948	127,574	121,786	120,838	1,072,586	1,017,709	5.4
NEW ORDERS													
All manufacturing industries ⁵	411,200	402,609	403,628	2.1	-0.3	-1.0	421,063	411,362	371,219	397,383	3,602,505	3,361,940	7.2
Construction materials and supplies.....	42,842	43,080	43,106	-0.6	-0.1	-1.7	44,295	46,115	41,914	44,604	394,860	370,547	6.6
Information technology.....	29,450	28,861	29,186	2.0	-1.1	4.0	33,343	26,058	25,687	30,609	251,800	231,609	8.7
Computers and related products	6,431	6,354	7,064	1.2	-10.1	15.3	7,253	5,744	6,743	7,658	57,336	56,863	0.8
Motor vehicle and parts.....	36,806	39,301	37,907	-6.3	3.7	-6.9	38,551	42,052	25,825	45,697	357,135	362,939	-1.6
Capital goods.....	99,067	79,237	79,838	25.0	-0.8	-2.7	102,398	74,011	70,305	73,314	723,430	629,732	14.9
Nondefense capital goods ³	85,359	69,569	70,978	22.7	-2.0	-0.9	89,204	65,837	63,838	67,160	647,988	573,226	13.0
Excluding aircraft.....	65,929	64,617	63,890	2.0	1.1	0.6	69,939	61,171	58,060	63,195	568,908	517,664	9.9
Defense capital goods ⁴	13,708	9,668	8,860	41.8	9.1	-15.0	13,194	8,174	6,467	6,154	75,442	56,506	33.5
Consumer goods.....	146,838	155,803	156,351	-5.8	-0.4	-0.9	151,147	162,827	146,314	160,715	1,384,803	1,330,815	4.1
Consumer durable goods.....	32,432	33,816	33,128	-4.1	2.1	-8.2	34,199	35,253	24,528	39,877	312,217	313,106	-0.3
Consumer nondurable goods.....	114,406	121,987	123,223	-6.2	-1.0	1.2	116,948	127,574	121,786	120,838	1,072,586	1,017,709	5.4
UNFILLED ORDERS													
All manufacturing industries ⁵	656,907	632,139	629,253	3.9	0.5	1.2	648,638	627,793	629,561	530,691	(X)	(X)	22.2
Construction materials and supplies.....	44,455	44,386	44,399	0.2	0.0	0.7	44,156	44,777	45,281	38,158	(X)	(X)	15.7
Information technology.....	113,033	110,949	109,923	1.9	0.9	1.7	111,656	109,501	110,026	102,203	(X)	(X)	9.2
Computers and related products	4,218	4,084	4,440	3.3	-8.0	3.0	4,218	4,084	4,440	4,800	(X)	(X)	-12.1
Motor vehicle and parts.....	19,200	18,991	19,126	1.1	-0.7	2.1	18,697	18,624	19,180	15,914	(X)	(X)	17.5
Capital goods.....	478,823	455,548	452,709	5.1	0.6	1.2	472,425	451,135	451,935	378,107	(X)	(X)	24.9
Nondefense capital goods ³	342,574	325,191	323,795	5.3	0.4	1.3	339,341	322,939	323,728	252,491	(X)	(X)	34.4
Excluding aircraft.....	159,513	155,679	154,002	2.5	1.1	1.2	156,954	153,859	154,330	136,439	(X)	(X)	15.0
Defense capital goods ⁴	136,249	130,357	128,914	4.5	1.1	0.9	133,084	128,196	128,207	125,616	(X)	(X)	5.9
Consumer goods.....	8,441	8,688	8,975	-2.8	-3.2	3.9	8,361	8,669	9,008	9,949	(X)	(X)	-16.0
Consumer durable goods.....	8,441	8,688	8,975	-2.8	-3.2	3.9	8,361	8,669	9,008	9,949	(X)	(X)	-16.0
TOTAL INVENTORIES													
All manufacturing industries	479,404	476,356	473,717	0.6	0.6	0.8	479,391	480,282	477,394	445,763	(X)	(X)	7.5
Construction materials and supplies.....	56,302	55,903	55,130	0.7	1.4	1.1	55,595	56,139	55,615	51,189	(X)	(X)	8.6
Information technology.....	37,333	37,383	36,739	-0.1	1.8	1.1	37,228	38,146	37,060	35,551	(X)	(X)	4.7
Computers and related products	4,453	4,249	4,202	4.8	1.1	0.6	4,457	4,500	4,286	4,400	(X)	(X)	1.3
Motor vehicle and parts.....	24,017	24,230	24,031	-0.9	0.8	1.3	24,168	24,463	24,341	23,311	(X)	(X)	3.7
Capital goods.....	126,780	125,084	125,281	1.4	-0.2	1.0	126,526	126,789	126,181	119,648	(X)	(X)	5.7
Nondefense capital goods ³	112,479	110,797	110,935	1.5	-0.1	0.9	112,174	112,429	111,803	104,897	(X)	(X)	6.9
Excluding aircraft.....	94,468	93,834	92,892	0.7	1.0	0.9	93,960	95,113	93,381	88,495	(X)	(X)	6.2
Defense capital goods ⁴	14,301	14,287	14,346	0.1	-0.4	1.7	14,352	14,360	14,378	14,751	(X)	(X)	-2.7
Consumer goods.....	143,408	143,967	143,520	-0.4	0.3	0.5	145,420	145,940	144,586	137,013	(X)	(X)	6.1
Consumer durable goods.....	27,172	27,504	27,213	-1.2	1.1	1.4	27,491	28,156	27,589	26,716	(X)	(X)	2.9
Consumer nondurable goods.....	116,236	116,463	116,307	-0.2	0.1	0.3	117,929	117,784	116,997	110,297	(X)	(X)	6.9

^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. 06/05
	Sept. 2006 ^P	Aug. 2006 ^F	July 2006	Aug. - Sept.	July - Aug.	June - July	Sept. 2006 ^P	Aug. 2006 ^F	July 2006	Sept. 2005	
<u>MATERIALS AND SUPPLIES</u>											
All manufacturing industries.....	165,855	165,630	164,023	0.1	1.0	1.1	166,051	165,845	164,819	154,916	7.2
Durable goods industries.....	100,523	99,878	98,643	0.6	1.3	1.6	100,835	100,538	99,466	93,314	8.1
Wood products.....	4,842	4,935	4,954	-1.9	-0.4	-3.4	4,985	4,892	4,752	5,225	-4.6
Nonmetallic mineral products.....	4,214	4,192	4,128	0.5	1.6	1.5	4,235	4,246	4,182	3,738	13.3
Primary metals.....	10,841	10,362	10,119	4.6	2.4	2.7	11,007	10,429	10,240	9,324	18.1
Fabricated metal products.....	14,112	13,901	13,760	1.5	1.0	1.0	14,012	13,920	13,934	12,241	14.5
Machinery.....	16,770	16,432	16,336	2.1	0.6	1.9	16,735	16,561	16,462	15,536	7.7
Computers and electronic products.....	16,346	16,739	16,245	-2.3	3.0	3.2	16,397	17,065	16,341	14,819	10.6
Electrical equipment, appliances, and components.....	5,507	5,521	5,489	-0.3	0.6	3.1	5,440	5,534	5,471	5,137	5.9
Transportation equipment.....	17,712	17,649	17,566	0.4	0.5	1.6	17,834	17,632	17,915	17,572	1.5
Furniture and related products.....	3,528	3,525	3,515	0.1	0.3	-0.1	3,523	3,532	3,560	3,371	4.5
Miscellaneous products.....	6,651	6,622	6,531	0.4	1.4	0.1	6,667	6,727	6,609	6,351	5.0
Nondurable goods industries.....	65,332	65,752	65,380	-0.6	0.6	0.4	65,216	65,307	65,353	61,602	5.9
Food products.....	11,881	11,857	11,582	0.2	2.4	0.7	11,697	11,473	11,296	11,443	2.2
Beverage and tobacco products.....	4,540	4,590	4,697	-1.1	-2.3	0.8	4,579	4,472	4,502	4,940	-7.3
Textiles.....	1,076	1,065	1,048	1.0	1.6	0.0	1,069	1,056	1,043	1,095	-2.4
Textile products.....	1,325	1,322	1,312	0.2	0.8	1.2	1,331	1,328	1,334	1,219	9.2
Apparel.....	1,184	1,192	1,201	-0.7	-0.7	2.5	1,187	1,188	1,204	1,229	-3.4
Leather and allied products.....	249	241	237	3.3	1.7	1.3	251	247	246	263	-4.6
Paper products.....	6,982	7,033	6,973	-0.7	0.9	-0.4	6,991	7,004	6,999	6,939	0.7
Printing.....	2,955	2,971	2,980	-0.5	-0.3	-0.8	3,074	3,046	3,092	2,761	11.3
Petroleum and coal products.....	9,952	9,872	10,005	0.8	-1.3	-4.2	9,939	10,041	10,288	8,066	23.2
Chemical products.....	17,474	17,674	17,532	-1.1	0.8	3.1	17,372	17,663	17,614	16,422	5.8
Plastics and rubber products.....	7,714	7,935	7,813	-2.8	1.6	0.5	7,726	7,789	7,735	7,225	6.9
<u>WORK IN PROCESS</u>											
All manufacturing industries.....	131,226	129,656	130,156	1.2	-0.4	0.4	131,784	131,078	131,453	121,068	8.9
Durable goods industries.....	101,524	99,572	100,188	2.0	-0.6	0.5	101,643	100,784	101,418	92,600	9.8
Wood products.....	2,184	2,232	2,208	-2.2	1.1	3.0	2,181	2,230	2,201	2,004	8.8
Nonmetallic mineral products.....	1,263	1,244	1,231	1.5	1.1	-0.1	1,241	1,254	1,254	1,122	10.6
Primary metals.....	9,283	9,076	8,877	2.3	2.2	1.3	9,193	9,103	8,950	7,833	17.4
Fabricated metal products.....	10,907	10,821	10,654	0.8	1.6	1.2	10,886	10,935	10,760	9,843	10.6
Machinery.....	13,359	13,194	13,269	1.3	-0.6	0.1	13,394	13,516	13,445	12,504	7.1
Computers and electronic products.....	20,155	20,097	20,012	0.3	0.4	-1.1	20,049	20,627	20,499	18,368	9.2
Electrical equipment, appliances, and components.....	2,846	2,951	2,839	-3.6	3.9	0.8	2,799	3,003	2,877	2,502	11.9
Transportation equipment.....	36,636	35,117	36,227	4.3	-3.1	0.7	36,992	35,215	36,488	33,663	9.9
Furniture and related products.....	1,650	1,636	1,647	0.9	-0.7	-1.1	1,648	1,639	1,669	1,603	2.8
Miscellaneous products.....	3,241	3,204	3,224	1.2	-0.6	4.8	3,260	3,262	3,275	3,158	3.2
Nondurable goods industries.....	29,702	30,084	29,968	-1.3	0.4	0.1	30,141	30,294	30,035	28,468	5.9
Food products.....	2,341	2,355	2,411	-0.6	-2.3	1.0	2,253	2,157	2,212	2,104	7.1
Beverage and tobacco products.....	4,448	4,552	4,578	-2.3	-0.6	-0.6	4,570	4,251	4,189	4,231	8.0
Textiles.....	902	909	922	-0.8	-1.4	0.5	896	909	929	978	-8.4
Textile products.....	433	434	444	-0.2	-2.3	-0.2	433	434	451	474	-8.6
Apparel.....	749	751	756	-0.3	-0.7	0.1	760	763	761	868	-12.4
Leather and allied products.....	96	98	107	-2.0	-8.4	0.9	96	99	108	120	-20.0
Paper products.....	1,189	1,167	1,148	1.9	1.7	0.4	1,190	1,191	1,166	1,174	1.4
Printing.....	1,442	1,411	1,422	2.2	-0.8	0.1	1,603	1,550	1,579	1,876	-14.6
Petroleum and coal products.....	4,148	4,990	4,768	-16.9	4.7	4.1	4,284	5,188	5,003	4,319	-0.8
Chemical products.....	11,841	11,276	11,273	5.0	0.0	-1.9	11,965	11,681	11,546	10,445	14.6
Plastics and rubber products.....	2,113	2,141	2,139	-1.3	0.1	2.9	2,091	2,071	2,091	1,879	11.3
<u>FINISHED GOODS</u>											
All manufacturing industries.....	182,323	181,070	179,538	0.7	0.9	0.8	181,556	183,359	181,122	169,779	6.9
Durable goods industries.....	89,254	88,796	87,552	0.5	1.4	1.2	87,909	89,795	88,269	82,964	6.0
Wood products.....	4,576	4,525	4,493	1.1	0.7	1.9	4,353	4,414	4,462	4,313	0.9
Nonmetallic mineral products.....	5,724	5,582	5,534	2.5	0.9	1.7	5,542	5,531	5,617	5,089	8.9
Primary metals.....	9,275	9,152	9,045	1.3	1.2	2.1	9,001	9,037	9,031	7,896	14.0
Fabricated metal products.....	12,470	12,281	12,053	1.5	1.9	1.4	12,172	12,246	12,208	11,720	3.9
Machinery.....	15,929	15,796	15,543	0.8	1.6	-0.2	15,747	15,726	15,275	15,122	4.1
Computers and electronic products.....	9,162	8,839	8,761	3.7	0.9	1.2	9,138	9,140	9,011	8,403	8.7
Electrical equipment, appliances, and components.....	5,725	5,644	5,545	1.4	1.8	1.5	5,537	5,623	5,539	4,657	18.9
Transportation equipment.....	13,036	13,669	13,353	-4.6	2.4	1.5	12,942	14,451	13,707	12,828	0.9
Furniture and related products.....	3,506	3,483	3,409	0.7	2.2	0.7	3,530	3,587	3,561	3,237	9.1
Miscellaneous products.....	9,851	9,825	9,816	0.3	0.1	1.6	9,947	10,040	9,858	9,699	2.6
Nondurable goods industries.....	93,069	92,274	91,986	0.9	0.3	0.4	93,647	93,564	92,853	86,815	7.9
Food products.....	19,468	19,204	19,244	1.4	-0.2	-0.1	20,323	19,706	19,143	19,404	4.7
Beverage and tobacco products.....	6,155	6,223	6,140	-1.1	1.4	0.8	6,275	6,359	6,123	6,227	0.8
Textiles.....	1,610	1,579	1,555	2.0	1.5	-0.1	1,571	1,588	1,589	1,460	7.6
Textile products.....	1,375	1,382	1,390	-0.5	-0.6	2.1	1,369	1,399	1,392	1,326	3.2
Apparel.....	2,555	2,557	2,514	-0.1	1.7	1.2	2,718	2,711	2,658	2,786	-2.4
Leather and allied products.....	426	418	400	1.9	4.5	1.8	440	427	402	448	-1.8
Paper products.....	6,480	6,385	6,387	1.5	0.0	1.2	6,375	6,362	6,430	6,209	2.7
Printing.....	1,636	1,612	1,609	1.5	0.2	-0.1	1,745	1,726	1,661	1,726	1.1
Petroleum and coal products.....	14,875	15,287	15,241	-2.7	0.3	1.7	15,295	15,987	15,892	13,025	17.4
Chemical products.....	28,671	28,232	28,155	1.6	0.3	-0.8	28,200	28,161	28,316	25,882	9.0
Plastics and rubber products.....	9,818	9,395	9,351	4.5	0.5	1.4	9,336	9,138	9,247	8,322	12.2

^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 2006 ^p	Aug 2006 ^r	Jul 2006	Jun 2006	Sep 2006 ^p	Aug 2006 ^r	Jul 2006	Jun 2006
All manufacturing industries ²	1.22	1.17	1.17	1.16	(X)	(X)	(X)	(X)
Durable goods industries ²	1.39	1.34	1.36	1.33	4.44	4.20	4.26	4.23
Wood products.....	1.47	1.46	1.46	1.40	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.13	1.11	1.09	1.06	(X)	(X)	(X)	(X)
Primary metals.....	1.51	1.43	1.40	1.41	1.37	1.35	1.38	1.40
Fabricated metal products.....	1.52	1.48	1.48	1.45	2.26	2.20	2.20	2.18
Machinery.....	1.65	1.61	1.63	1.64	2.82	2.75	2.78	2.75
Computers and electronic products ² ..	1.32	1.28	1.27	1.28	4.67	4.54	4.54	4.51
Electrical equipment, appliances, and components.....	1.40	1.36	1.35	1.33	2.26	2.21	2.27	2.22
Transportation equipment.....	1.24	1.17	1.25	1.16	9.77	8.94	9.35	9.25
Furniture and related products.....	1.14	1.13	1.14	1.11	1.07	1.05	1.09	1.07
Miscellaneous products.....	1.52	1.52	1.52	1.51	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.03	0.98	0.97	0.98	(X)	(X)	(X)	(X)
Food products.....	0.76	0.75	0.75	0.75	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.57	1.48	1.57	1.50	(X)	(X)	(X)	(X)
Textiles.....	1.31	1.28	1.23	1.25	(X)	(X)	(X)	(X)
Textile products.....	1.12	1.12	1.09	1.06	(X)	(X)	(X)	(X)
Apparel.....	1.56	1.57	1.53	1.48	(X)	(X)	(X)	(X)
Leather and allied products.....	1.53	1.56	1.50	1.51	(X)	(X)	(X)	(X)
Paper products.....	1.07	1.06	1.06	1.04	(X)	(X)	(X)	(X)
Printing.....	0.79	0.78	0.78	0.78	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.86	0.77	0.73	0.75	(X)	(X)	(X)	(X)
Chemical products.....	1.21	1.15	1.14	1.17	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.16	1.12	1.11	1.09	(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 2006	Sep ² 2005-Aug 2006	Sep ¹ 2006	Sep ² 2005-Aug 2006	Sep ¹ 2006	Sep ² 2005-Aug 2006	Sep ¹ 2006	Sep ² 2005-Aug 2006
All manufacturing industries.....	(X)	0.3	(X)	0.5	(X)	0.2	(X)	0.2
Durable goods industries.....	0.3	0.2	0.5	0.5	0.1	0.2	0.1	0.2
Wood products.....	(X)	1.1	(X)	(NA)	(X)	(NA)	(X)	0.9
Nonmetallic mineral products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.3
Primary metals.....	-0.3	0.4	-0.3	1.3	0.0	0.7	0.1	0.3
Fabricated metal products.....	-0.1	0.3	0.2	1.0	0.3	0.4	-0.1	0.3
Machinery.....	0.2	0.6	-0.2	1.3	-0.1	0.3	0.0	0.1
Computers and electronic products	2.3	0.6	2.3	1.3	0.2	0.2	0.1	0.4
Electrical equipment, appliances, and components.....	-0.6	0.5	-1.5	1.7	-0.5	0.7	0.0	0.3
Transportation equipment.....	-0.2	0.5	1.0	1.2	0.2	0.2	0.1	0.3
Furniture and related products.....	(X)	0.3	(X)	0.8	(X)	0.7	(X)	0.2
Miscellaneous products.....	(X)	0.9	(X)	1.4	(X)	1.5	(X)	0.4
Nondurable goods industries.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.3
Food products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.4
Beverage and tobacco products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.2
Textiles.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.4
Textile products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.7
Apparel.....	(X)	1.1	(X)	(NA)	(X)	(NA)	(X)	0.7
Leather and allied products.....	(X)	1.8	(X)	(NA)	(X)	(NA)	(X)	2.0
Paper products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.3
Printing.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.2
Petroleum and coal products.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	1.3
Chemical products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.3
Plastics and rubber products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.4

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 4,200 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 62 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 4,200 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 4,200 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>.