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

Summary

New orders for manufactured goods in August, down two consecutive months, decreased slightly to \$403.6 billion, the U.S. Census Bureau reported today. This followed a 1.0 percent July decrease.

Shipments, up following two consecutive monthly decreases, increased \$4.5 billion or 1.1 percent to \$407.8 billion. This was at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 0.1 percent July decrease.

Unfilled orders, up fifteen of the last sixteen months, increased \$2.8 billion or 0.4 percent to \$632.0 billion. This was at the highest level since the series began and followed a 1.2 percent July increase. The unfilled orders-to-shipments ratio was 4.20, down from 4.26 in July.

Inventories, up ten of the last eleven months, increased \$1.8 billion or 0.4 percent to \$475.5 billion. This followed a 0.8 percent July increase. The inventories-to-shipments ratio was 1.17, unchanged from July.

New Orders

New orders for manufactured durable goods in August, down for the second consecutive month, decreased slightly to \$210.5 billion, revised from the previously published 0.5 percent decrease. This followed a 2.8 percent July decrease.

Electrical equipment, appliances and components, down two of the last three months, had the largest decrease, \$0.9 billion or 8.6 percent to \$9.9 billion.

New orders for manufactured nondurable goods decreased slightly to \$193.1 billion.

Shipments

Shipments of manufactured durable goods in August, up three of the last four months, increased \$4.5 billion or 2.1 percent to \$214.7 billion, revised from the previously published 1.9 percent increase. This was at the highest level since the series began and followed a 1.3 percent July decrease.

Transportation equipment, up following two consecutive monthly decreases, had the largest increase, \$3.2 billion or 6.0 percent to \$57.0 billion.

Shipments of manufactured nondurable goods, down two of the last three months, decreased slightly to \$193.1 billion. This was due to petroleum and coal products, which decreased \$1.5 billion or 3.7 percent to \$39.3 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in August, up fifteen of the last sixteen months, increased \$2.8 billion or 0.4 percent to \$632.0 billion, unchanged from the previously published increase. This was at the highest level since the series began and followed a 1.2 percent July increase.

Transportation equipment, up fifteen of the last sixteen months, had the largest increase, \$1.9 billion or 0.6 percent to \$331.3 billion.

Inventories

Inventories of manufactured durable goods in August, up seven of the last eight months, increased \$0.9 billion or 0.3 percent to \$287.3 billion, revised from the previously published 0.2 percent increase. This followed a 1.1 percent July increase.

Primary metals, up nine consecutive months, had the largest increase, \$0.4 billion or 1.4 percent to \$28.4 billion.

Inventories of manufactured nondurable goods, up eight of the last nine months, increased \$0.9 billion or 0.5 percent to \$188.2 billion. This was at the highest level since the series began and was led by petroleum and coal products, which increased \$0.5 billion or 1.5 percent to \$30.5 billion.

By stage of fabrication, August materials and supplies increased 0.8 percent in durable goods and 0.6 percent in nondurable goods. Work in process decreased 0.7 percent in durable goods and increased 1.2 percent in nondurable goods. Finished goods increased 1.0 percent in durable goods and 0.2 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 September is scheduled for release on October 26, 2006, at 8:30 a.m. EDT and the full report on November 2, 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		
	Aug. 2006 ^p	July 2006 ^r	June 2006	July - Aug.	June - July	May - June	Aug. 2006 ^p	July 2006 ^r	June 2006	Aug. 2005	2006 ^p	2005	Percent 2006/ 2005
All manufacturing industries	407,784	403,287	403,835	1.1	-0.1	-0.1	420,025	371,365	430,567	395,980	3,179,925	2,975,314	6.9
Excluding transportation	350,783	349,527	346,792	0.4	0.8	0.1	360,382	332,909	366,581	337,789	2,733,949	2,544,069	7.5
Excluding defense	397,942	393,985	394,392	1.0	-0.1	-0.1	410,258	362,847	420,313	387,260	3,106,375	2,906,355	6.9
With unfilled orders	150,363	147,557	147,049	1.9	0.3	0.5	152,768	130,198	161,234	137,623	1,152,602	1,052,100	9.6
Durable goods industries	214,723	210,220	212,998	2.1	-1.3	0.2	219,204	182,598	233,706	204,570	1,670,520	1,552,066	7.6
Wood products.....	8,026	7,991	8,354	0.4	-4.3	-0.6	8,549	7,892	9,198	9,289	68,132	69,197	-1.5
Nonmetallic mineral products.....	9,901	9,994	10,130	-0.9	-1.3	-0.1	10,774	9,845	10,866	10,382	80,807	73,746	9.6
Primary metals.....	20,105	19,961	19,532	0.7	2.2	2.3	20,707	18,162	20,448	16,433	150,897	129,809	16.2
Iron and steel mills.....	9,259	9,205	8,982	0.6	2.5	2.9	9,505	8,434	9,411	7,877	70,632	65,522	7.8
Aluminum and nonferrous metals.....	9,190	9,069	8,869	1.3	2.3	1.7	9,480	8,242	9,232	6,887	66,919	51,739	29.3
Ferrous metal foundries.....	1,656	1,687	1,681	-1.8	0.4	1.9	1,722	1,486	1,805	1,669	13,346	12,548	6.4
Fabricated metal products.....	25,123	24,723	24,888	1.6	-0.7	0.6	26,647	23,095	26,544	24,416	197,436	182,058	8.4
Machinery.....	27,890	27,685	27,429	0.7	0.9	1.8	27,257	25,913	30,083	24,371	216,521	193,869	11.7
Farm machinery.....	1,448	1,583	1,533	-8.5	3.3	2.0	1,315	1,668	1,568	1,478	13,132	13,232	-0.8
Construction machinery.....	3,118	3,064	3,078	1.8	-0.5	-1.2	2,964	2,775	3,429	2,705	24,892	21,216	17.3
Mining, oil field, and gas field machinery.....	1,200	1,129	1,144	6.3	-1.3	5.1	1,197	1,091	1,223	930	8,698	7,142	21.8
Industrial machinery.....	3,057	3,336	2,824	-8.4	18.1	7.6	2,597	3,392	3,137	2,030	22,259	19,919	11.7
Photographic equipment.....	677	646	629	4.8	2.7	-2.9	663	599	710	604	4,948	4,627	6.9
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,693	3,617	3,508	2.1	3.1	2.3	3,921	3,483	4,263	3,173	27,413	23,220	18.1
Metalworking machinery.....	2,782	2,756	2,697	0.9	2.2	-5.3	2,848	2,426	2,960	2,715	21,977	19,159	14.7
Turbines, generators, and other power transmission equipment.....	3,569	3,306	3,658	8.0	-9.6	9.8	3,576	2,942	3,835	3,265	27,060	24,721	9.5
Material handling equipment.....	2,182	2,185	2,200	-0.1	-0.7	0.8	2,189	1,962	2,380	1,974	16,973	14,615	16.1
Computers and electronic products	35,677	35,392	34,949	0.8	1.3	-0.4	34,225	31,222	40,084	32,329	272,375	250,471	8.7
Computers.....	4,839	5,102	4,179	-5.2	22.1	-5.9	4,380	5,329	4,789	4,620	37,052	36,130	2.6
Computer storage devices.....	728	621	679	17.2	-8.5	9.0	575	363	1,126	439	4,654	4,148	12.2
Other peripheral equipment.....	1,245	1,210	1,161	2.9	4.2	-3.3	1,158	920	1,496	1,081	9,008	9,247	-2.6
Nondefense communications equipment.....	5,038	4,847	5,513	3.9	-12.1	2.8	4,774	3,973	6,527	4,608	40,817	35,618	14.6
Defense communications equipment.....	559	499	559	12.0	-10.7	11.1	570	422	560	409	4,098	3,158	29.8
Audio and video equipment.....	889	903	919	-1.6	-1.7	3.8	859	776	844	882	6,578	6,825	-3.6
Semiconductors	6,944	6,872	6,635	1.0	3.6	-5.7	6,848	6,085	7,150	6,634	53,801	48,999	9.8
Electronic components.....	5,014	5,053	5,118	-0.8	-1.3	5.9	5,020	4,577	5,598	4,451	37,716	33,072	14.0
Nondefense search and navigation equipment.....	959	914	890	4.9	2.7	-7.0	982	814	975	985	7,397	7,327	1.0
Defense search and navigation equipment.....	2,967	2,892	2,841	2.6	1.8	-0.9	2,965	2,782	3,004	2,577	22,313	20,234	10.3
Electromedical, measuring, and control instruments.....	5,910	5,915	5,856	-0.1	1.0	0.4	5,529	4,669	7,422	5,057	44,633	40,918	9.1
Electrical equipment, appliances, and components.....	10,410	10,286	10,238	1.2	0.5	-1.7	10,667	9,353	10,978	9,807	79,818	72,211	10.5
Electric lighting equipment.....	1,158	1,135	1,081	2.0	5.0	2.2	1,170	980	1,124	1,022	8,397	7,877	6.6
Household appliances.....	2,136	2,060	2,139	3.7	-3.7	0.1	2,230	1,849	2,361	2,219	16,458	15,864	3.7
Electrical equipment.....	3,295	3,293	3,205	0.1	2.7	-2.0	3,321	3,050	3,487	3,071	25,572	22,717	12.6
Batteries.....	584	553	524	5.6	5.5	-6.1	595	449	550	523	4,090	3,806	7.5
Transportation equipment.....	57,001	53,760	57,043	6.0	-5.8	-1.0	59,643	38,456	63,986	58,191	445,976	431,245	3.4
Automobiles.....	6,979	6,513	7,205	7.2	-9.6	-0.2	7,643	3,877	7,985	7,873	55,908	55,662	0.4
Light trucks and utility vehicles.....	10,862	9,789	12,599	11.0	-22.3	-0.4	11,631	5,549	14,333	13,187	93,604	94,415	-0.9
Heavy duty trucks	2,297	2,233	1,961	2.9	13.9	-11.5	2,329	2,064	2,194	2,003	17,427	15,533	12.2
Motor vehicle bodies, parts, and trailers.....	19,608	18,982	18,694	3.3	1.5	-0.1	21,164	13,466	20,312	20,592	150,272	151,488	-0.8
Nondefense aircraft and parts.....	8,090	7,469	7,986	8.3	-6.5	0.5	7,705	5,800	9,671	5,933	60,085	45,998	30.6
Defense aircraft and parts.....	3,603	3,396	3,231	6.1	5.1	-8.1	3,580	3,025	3,727	3,273	26,388	25,428	3.8
Ships and boats.....	2,120	1,899	2,129	11.6	-10.8	10.1	2,172	1,614	2,260	1,930	15,709	17,327	-9.3
Furniture and related products.....	7,643	7,524	7,710	1.6	-2.4	-0.1	8,069	7,229	7,769	7,600	60,955	57,102	6.7
Miscellaneous durable goods.....	12,947	12,904	12,725	0.3	1.4	1.7	12,666	11,431	13,750	11,752	97,603	92,358	5.7
Nondurable goods industries.....	193,061	193,067	190,837	0.0	1.2	-0.4	200,821	188,767	196,861	191,410	1,509,405	1,423,248	6.1
Food products.....	45,080	44,534	44,041	1.2	1.1	-0.3	46,172	42,101	44,407	45,340	350,125	348,764	0.4
Grain and oilseed milling.....	4,147	4,240	4,166	-2.2	1.8	-1.3	4,311	4,114	4,047	4,439	33,473	34,063	-1.7
Dairy products.....	5,995	6,047	5,957	-0.9	1.5	0.6	6,089	5,853	6,059	6,361	47,585	49,253	-3.4
Meat, poultry, and seafood products.....	14,555	14,192	13,894	2.6	2.1	0.5	15,148	13,826	14,503	14,772	112,173	113,975	-1.6
Beverage and tobacco products.....	10,409	9,804	10,209	6.2	-4.0	-0.6	10,969	9,968	10,830	10,683	79,825	76,268	4.7
Beverages.....	6,491	6,341	6,475	2.4	-2.1	-0.6	7,051	6,505	7,096	6,821	51,870	49,597	4.6
Tobacco.....	3,918	3,463	3,734	13.1	-7.3	-0.5	3,918	3,463	3,734	3,862	27,955	26,671	4.8
Textile mills.....	2,786	2,861	2,815	-2.6	1.6	0.3	2,880	2,641	2,995	2,978	22,641	24,902	-9.1
Textile products.....	2,834	2,896	2,923	-2.1	-0.9	-1.1	2,970	2,925	3,081	3,041	23,344	22,755	2.6
Apparel.....	2,877	2,921	2,987	-1.5	-2.2	-4.3	3,043	2,922	3,005	3,013	23,523	21,819	7.8
Leather and allied products.....	508	496	485	2.4	2.3	4.5	576	484	507	511	3,802	3,818	-0.4
Paper products.....	13,895	13,738	13,834	1.1	-0.7	-0.7	14,260	13,409	14,539	13,307	110,313	106,372	3.7
Pulp, paper, and paperboard mills.....	6,269	6,232	6,261	0.6	-0.5	0.3	6,497	6,183	6,450	6,163	49,695	48,088	3.3
Paperboard containers.....	3,997	3,952	3,913	1.1	1.0	-1.5	4,210	3,860	4,155	3,844	31,194	29,847	4.5
Printing.....	7,708	7,694	7,707	0.2	-0.2	0.9	7,868	7,201	7,723	7,571	59,197	59,144	0.1
Petroleum and coal products.....	39,344	40,862	39,846	-3.7	2.5	0.9	42,898	43,011	41,332	39,775	307,778	260,109	18.3
Petroleum refineries.....	36,441	38,014	37,074	-4.1	2.5	0.8	39,444	39,879	38,068	37,124	285,827	242,386	17.9
Chemical products.....	50,062	49,933	48,559	0.3	2.8	-1.7	50,787	47,874	49,894	47,929	390,489	369,241	5.8
Pesticides, fertilizers, and other agricultural chemicals.....	2,401	2,325	2,138	3.3	8.7	0.3	2,009	1,974	2,513	2,321	19,778	20,468	-3.4
Pharmaceuticals and medicines.....	13,600	13,729	13,108	-0.9	4.7	-5.3	14,018	12,942	12,615	13,092	102,891	97,749	5.3
Paints, coatings, and adhesives.....	2,767	2,696	2,736	2.6	-1.5	-2.0	2,992	2,770	3,078	2,772	22,542	21,635	4.2
Plastics and rubber products.....	17,558	17,328	17,431	1.3	-0.6	1.2	18,398	16,231	18,548	17,262	138,368	130,056	6.4

^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		
	Aug. 2006 ^p	July 2006 ^r	June 2006	July - Aug.	June - July	May - June	Aug. 2006 ^p	July 2006 ^r	June 2006	Aug. 2005	2006 ^p	2005	Percent 2006/ 2005
All manufacturing industries ²	403,598	403,628	407,504	0.0	-1.0	1.5	411,728	371,219	429,873	394,114	3,181,808	2,964,557	7.3
Excluding transportation ²	344,710	346,978	344,949	-0.7	0.6	0.6	351,693	330,806	360,790	334,084	2,707,763	2,513,952	7.7
Excluding defense ²	392,229	393,183	395,532	-0.2	-0.6	0.6	402,176	363,553	417,653	388,493	3,108,034	2,905,833	7.0
With unfilled orders ²	153,121	154,770	157,353	-1.1	-1.6	4.6	151,319	136,137	167,690	142,391	1,208,286	1,090,342	10.8
Durable goods industries ²	210,537	210,561	216,667	0.0	-2.8	3.3	210,907	182,452	233,012	202,704	1,672,403	1,541,309	8.5
Primary metals.....	19,633	20,050	19,725	-2.1	1.6	0.1	20,380	18,166	20,164	17,476	152,558	129,188	18.1
Iron and steel mills.....	8,756	9,079	9,127	-3.6	-0.5	0.1	9,254	8,343	9,204	9,021	71,403	64,438	10.8
Aluminum and nonferrous metals.....	9,264	9,236	8,854	0.3	4.3	-0.7	9,491	8,293	9,140	6,925	67,557	52,208	29.4
Ferrous metal foundries.....	1,613	1,735	1,744	-7.0	-0.5	4.7	1,635	1,530	1,820	1,530	13,598	12,542	8.4
Fabricated metal products.....	25,593	24,912	26,639	2.7	-6.5	5.3	26,483	23,434	27,511	24,814	203,954	187,709	8.7
Machinery.....	28,429	28,908	28,737	-1.7	0.6	0.4	27,133	26,693	29,867	24,743	225,114	199,370	12.9
Construction machinery.....	2,871	3,026	3,483	-5.1	-13.1	1.4	2,609	2,354	3,498	3,137	24,786	22,971	7.9
Mining, oil field, and gas field machinery.....	1,349	1,458	1,231	-7.5	18.4	1.0	1,324	1,409	1,199	1,026	9,956	7,817	27.4
Industrial machinery.....	3,077	3,260	3,028	-5.6	7.7	13.9	2,329	3,530	3,103	1,617	24,356	19,328	26.0
Photographic equipment.....	860	626	647	37.4	-3.2	-2.6	832	604	693	613	5,231	4,796	9.1
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,958	3,968	3,720	-0.3	6.7	-0.5	4,288	3,851	4,111	3,706	29,246	24,207	20.8
Metalworking machinery.....	3,029	3,010	2,871	0.6	4.8	-1.0	2,981	2,692	3,037	2,571	22,821	20,243	12.7
Turbines, generators, and other power transmission equipment.....	3,643	3,475	3,857	4.8	-9.9	-0.9	3,684	3,116	4,034	3,222	28,888	25,075	15.2
Material handling equipment.....	2,087	2,388	2,260	-12.6	5.7	-3.6	1,827	1,889	2,386	1,800	17,487	15,270	14.5
Computers and electronic products ²	29,781	30,680	29,479	-2.9	4.1	5.7	27,339	26,818	33,783	26,031	225,528	207,465	8.7
Computers.....	4,483	5,233	4,288	-14.3	22.0	-2.7	4,024	5,460	4,898	4,884	36,434	35,810	1.7
Nondefense communications equipment.....	5,788	4,970	5,911	16.5	-15.9	11.2	4,895	3,869	6,573	4,139	42,489	37,383	13.7
Defense communications equipment.....	595	1,000	669	-40.5	49.5	63.2	383	939	738	341	4,242	3,672	15.5
Semiconductors ²	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	5,220	5,230	5,165	-0.2	1.3	5.7	5,429	4,745	5,682	4,839	38,599	33,369	15.7
Nondefense search and navigation equipment.....	1,071	1,215	885	-11.9	37.3	-0.8	1,062	1,137	911	1,032	8,661	7,717	12.2
Defense search and navigation equipment.....	3,132	3,845	3,045	-18.5	26.3	6.3	2,780	3,309	3,244	2,464	24,446	21,132	15.7
Electromedical, measuring, and control instruments.....	6,045	5,889	6,158	2.6	-4.4	5.4	5,609	4,788	7,678	5,344	46,109	43,367	6.3
Electrical equipment, appliances, and components.....	9,886	10,822	10,817	-8.6	0.0	-2.2	9,959	10,182	11,280	10,299	83,655	74,247	12.7
Electric lighting equipment.....	840	1,043	1,110	-19.5	-6.0	-10.8	795	868	1,227	933	8,632	8,062	7.1
Household appliances.....	2,018	2,339	2,046	-13.7	14.3	-5.0	2,120	2,190	2,182	2,464	16,748	16,194	3.4
Electrical equipment.....	3,261	3,777	4,024	-13.7	-6.1	19.2	3,236	3,665	4,108	3,302	27,991	24,077	16.3
Transportation equipment.....	58,888	56,650	62,555	4.0	-9.4	7.0	60,035	40,413	69,083	60,030	474,045	450,605	5.2
Motor vehicle bodies, parts, and trailers.....	19,508	19,372	18,938	0.7	2.3	1.0	20,703	14,335	20,136	20,496	151,899	151,632	0.2
Nondefense aircraft and parts.....	7,735	9,877	11,282	-21.7	-12.5	7.2	7,358	8,360	13,592	11,152	87,569	72,334	21.1
Defense aircraft and parts.....	3,361	3,052	2,999	10.1	1.8	9.0	2,524	2,102	3,235	1,841	24,463	18,445	32.6
Ships and boats.....	3,000	1,685	3,919	78.0	-57.0	120.2	2,823	1,057	3,866	1,400	18,907	13,740	37.6
Furniture and related products.....	7,438	7,464	7,534	-0.3	-0.9	-1.8	7,574	7,392	7,538	7,931	60,987	57,830	5.5
Nondurable goods industries.....	193,061	193,067	190,837	0.0	1.2	-0.4	200,821	188,767	196,861	191,410	1,509,405	1,423,248	6.1

^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 Aug. 06/05
	Aug. 2006 ^P	July 2006 ^r	June 2006	July - Aug.	June - July	May - June	Aug. 2006 ^P	July 2006 ^r	June 2006	Aug. 2005	
All manufacturing industries ¹	632,011	629,253	622,040	0.4	1.2	1.7	628,112	629,561	623,622	529,479	18.6
Excluding transportation ¹	300,748	299,877	295,554	0.3	1.5	1.6	298,903	300,744	296,762	262,272	14.0
Excluding defense ¹	488,824	487,593	481,523	0.3	1.3	1.6	487,343	488,577	481,786	390,369	24.8
Durable goods industries ¹	632,011	629,253	622,040	0.4	1.2	1.7	628,112	629,561	623,622	529,479	18.6
Primary metals.....	27,025	27,497	27,408	-1.7	0.3	0.7	26,935	27,262	27,258	21,161	27.3
Iron and steel mills.....	16,849	17,352	17,478	-2.9	-0.7	0.8	16,896	17,147	17,238	12,587	34.2
Aluminum and nonferrous metals.....	7,083	7,009	6,842	1.1	2.4	-0.2	7,000	6,989	6,938	5,868	19.3
Ferrous metal foundries.....	3,093	3,136	3,088	-1.4	1.6	2.1	3,039	3,126	3,082	2,706	12.3
Fabricated metal products.....	53,270	52,800	52,611	0.9	0.4	3.4	53,623	53,787	53,448	46,374	15.6
Machinery.....	71,361	70,822	69,599	0.8	1.8	1.9	70,298	70,422	69,642	57,566	22.1
Construction machinery.....	7,891	8,138	8,176	-3.0	-0.5	5.2	7,470	7,825	8,246	6,622	12.8
Mining, oil field, and gas field machinery.....	3,595	3,446	3,117	4.3	10.6	2.9	3,592	3,465	3,147	2,169	65.6
Industrial machinery.....	11,066	11,046	11,122	0.2	-0.7	1.9	10,941	11,209	11,071	8,971	22.0
Photographic equipment.....	1,582	1,399	1,419	13.1	-1.4	1.3	1,577	1,408	1,403	1,048	50.5
Ventilation, heating, air-conditioning, and refrigeration equipment.....	8,748	8,483	8,132	3.1	4.3	2.7	8,872	8,505	8,137	5,856	51.5
Metalworking machinery.....	7,092	6,845	6,591	3.6	3.9	2.7	7,049	6,916	6,650	6,420	9.8
Turbines, generators, and other power transmission equipment.....	11,717	11,643	11,474	0.6	1.5	1.8	11,762	11,654	11,480	9,376	25.4
Material handling equipment.....	8,793	8,888	8,685	-1.1	2.3	0.7	8,368	8,730	8,803	6,727	24.4
Computers and electronic products ¹	115,657	114,609	112,449	0.9	1.9	1.0	114,529	114,567	112,886	107,313	6.7
Computers.....	4,084	4,440	4,309	-8.0	3.0	2.6	4,084	4,440	4,309	4,614	-11.5
Nondefense communications equipment.....	28,750	28,000	27,877	2.7	0.4	1.4	28,191	28,070	28,174	27,391	2.9
Defense communications equipment.....	6,874	6,838	6,337	0.5	7.9	1.8	6,637	6,824	6,307	6,591	0.7
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	12,045	11,839	11,662	1.7	1.5	0.4	12,193	11,784	11,616	11,449	6.5
Nondefense search and navigation equipment.....	5,638	5,526	5,225	2.0	5.8	-0.1	5,637	5,557	5,234	4,202	34.2
Defense search and navigation equipment.....	37,300	37,135	36,182	0.4	2.6	0.6	36,780	36,965	36,438	34,501	6.6
Electromedical, measuring, and control instruments.....	20,966	20,831	20,857	0.6	-0.1	1.5	21,007	20,927	20,808	18,565	13.2
Electrical equipment, appliances, and components.....	21,593	22,117	21,581	-2.4	2.5	2.8	21,671	22,379	21,550	17,015	27.4
Electric lighting equipment.....	2,169	2,487	2,579	-12.8	-3.6	1.1	2,208	2,583	2,695	1,875	17.8
Household appliances.....	886	1,004	725	-11.8	38.5	-11.4	872	982	641	908	-4.0
Electrical equipment.....	12,838	12,872	12,388	-0.3	3.9	7.1	12,894	12,979	12,364	10,035	28.5
Transportation equipment.....	331,263	329,376	326,486	0.6	0.9	1.7	329,209	328,817	326,860	267,207	23.2
Motor vehicle bodies, parts, and trailers.....	19,026	19,126	18,736	-0.5	2.1	1.3	18,719	19,180	18,311	15,604	20.0
Nondefense aircraft and parts.....	195,029	195,384	192,976	-0.2	1.2	1.7	194,918	195,265	192,705	134,610	44.8
Defense aircraft and parts.....	44,191	44,433	44,777	-0.5	-0.8	-0.5	43,583	44,639	45,562	41,847	4.1
Ships and boats.....	16,702	15,822	16,036	5.6	-1.3	12.6	16,060	15,409	15,966	14,442	11.2
Furniture and related products.....	7,067	7,272	7,332	-2.8	-0.8	-2.3	7,072	7,567	7,404	7,395	-4.4

^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
	Aug. 2006 ^P	July 2006 ^r	June 2006	July - Aug.	June - July	May - June	Aug. 2006 ^P	July 2006 ^r	June 2006	Aug. 2005	Aug. 06/05
All manufacturing industries	475,502	473,717	470,001	0.4	0.8	0.9	479,291	477,394	467,923	449,306	6.7
Excluding transportation	409,022	406,571	403,572	0.6	0.7	0.9	411,943	409,284	402,280	384,792	7.1
Excluding defense	456,449	454,685	451,209	0.4	0.8	1.1	460,071	458,197	449,019	430,139	7.0
With unfilled orders	222,962	222,475	220,283	0.2	1.0	0.8	225,100	224,599	219,379	210,534	6.9
Durable goods industries	287,301	286,383	283,293	0.3	1.1	0.9	290,381	289,153	282,122	272,836	6.4
Wood products.....	11,724	11,655	11,684	0.6	-0.2	0.9	11,536	11,415	11,487	11,520	0.1
Nonmetallic mineral products.....	10,971	10,893	10,743	0.7	1.4	1.0	11,003	11,053	10,856	10,201	7.9
Primary metals.....	28,440	28,041	27,475	1.4	2.1	1.1	28,481	28,221	27,379	25,486	11.8
Iron and steel mills.....	15,778	15,472	15,055	2.0	2.8	1.6	15,886	15,642	14,964	14,670	8.3
Aluminum and nonferrous metals.....	10,505	10,456	10,321	0.5	1.3	0.6	10,483	10,474	10,274	8,721	20.2
Ferrous metal foundries.....	2,157	2,113	2,099	2.1	0.7	0.0	2,112	2,105	2,141	2,095	0.8
Fabricated metal products.....	36,827	36,467	36,040	1.0	1.2	1.5	36,985	36,902	36,292	34,413	7.5
Machinery.....	45,304	45,148	44,860	0.3	0.6	-0.1	45,759	45,182	44,626	43,705	4.7
Farm machinery.....	2,161	2,157	2,179	0.2	-1.0	0.5	2,064	2,104	2,177	2,191	-5.8
Construction machinery.....	4,129	4,134	4,113	-0.1	0.5	1.0	4,083	4,094	4,124	3,576	14.2
Mining, oil field, and gas field machinery.....	2,901	2,869	2,788	1.1	2.9	1.3	2,977	2,923	2,843	2,508	18.7
Industrial machinery.....	7,107	6,948	6,983	2.3	-0.5	2.1	7,276	6,925	7,058	6,764	7.6
Photographic equipment.....	1,389	1,412	1,351	-1.6	4.5	-4.5	1,377	1,424	1,350	1,394	-1.2
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,057	4,010	3,894	1.2	3.0	-1.5	4,103	4,020	3,869	3,795	8.1
Metalworking machinery.....	4,090	4,133	4,188	-1.0	-1.3	-0.8	4,204	4,191	4,123	4,523	-7.1
Turbines, generators, and other power transmission equipment.....	5,023	5,043	4,965	-0.4	1.6	-0.4	5,131	5,063	4,833	4,656	10.2
Material handling equipment.....	2,865	2,844	2,849	0.7	-0.2	-1.4	2,862	2,788	2,851	2,754	3.9
Computers and electronic products	45,183	45,018	44,627	0.4	0.9	0.4	46,354	45,851	44,198	42,712	8.5
Computers.....	1,209	1,184	1,149	2.1	3.0	4.8	1,294	1,165	1,154	1,299	-0.4
Computer storage devices.....	1,031	1,038	1,035	-0.7	0.3	2.9	1,129	1,090	978	1,168	-3.3
Other peripheral equipment.....	1,950	1,980	1,995	-1.5	-0.8	1.0	2,059	2,031	1,949	2,274	-9.5
Nondefense communications equipment.....	8,821	8,966	8,993	-1.6	-0.3	-1.1	8,949	9,008	8,626	9,051	-1.1
Defense communications equipment.....	992	964	903	2.9	6.8	-16.9	994	967	895	980	1.4
Audio and video equipment.....	925	916	880	1.0	4.1	-1.7	995	950	835	936	6.3
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	6,532	6,679	6,777	-2.2	-1.4	2.5	6,600	6,835	6,771	5,874	12.4
Nondefense search and navigation equipment.....	2,880	2,878	2,822	0.1	2.0	2.2	2,908	2,921	2,832	2,608	11.5
Defense search and navigation equipment.....	2,564	2,466	2,501	4.0	-1.4	-5.6	2,647	2,515	2,528	2,491	6.3
Electromedical, measuring and control instruments.....	10,060	9,778	9,676	2.9	1.1	-0.4	10,269	9,816	9,573	9,591	7.1
Electrical equipment, appliances, and components.....	14,076	13,873	13,602	1.5	2.0	2.1	14,118	13,887	13,641	12,431	13.6
Electric lighting equipment.....	1,720	1,674	1,666	2.7	0.5	-0.4	1,775	1,703	1,700	1,546	14.8
Household appliances.....	2,173	2,144	2,143	1.4	0.0	3.0	2,146	2,164	2,154	1,948	10.2
Electrical equipment.....	4,825	4,800	4,643	0.5	3.4	2.8	4,829	4,759	4,598	3,967	21.7
Batteries.....	582	575	569	1.2	1.1	-0.2	609	579	575	535	13.8
Transportation equipment.....	66,480	67,146	66,429	-1.0	1.1	1.3	67,348	68,110	65,643	64,514	4.4
Automobiles.....	2,151	2,291	2,035	-6.1	12.6	-5.0	2,267	2,428	2,010	2,331	-2.7
Light trucks and utility vehicles.....	3,522	3,172	3,228	11.0	-1.7	2.2	3,750	3,205	3,133	3,336	12.4
Heavy duty trucks.....	1,404	1,403	1,393	0.1	0.7	12.7	1,431	1,394	1,376	1,327	7.8
Motor vehicle bodies, parts, and trailers.....	17,165	17,165	17,059	0.0	0.6	-0.2	17,076	17,314	16,940	16,878	1.2
Nondefense aircraft and parts.....	22,757	23,665	23,490	-3.8	0.7	3.4	23,144	24,126	22,993	21,150	9.4
Defense aircraft and parts.....	11,760	11,837	11,714	-0.7	1.1	0.0	11,847	11,970	11,798	11,348	4.4
Ships and boats.....	2,865	2,869	2,820	-0.1	1.7	-0.5	2,840	2,854	2,819	2,663	6.6
Furniture and related products.....	8,639	8,571	8,567	0.8	0.0	0.9	8,756	8,790	8,813	8,219	6.5
Miscellaneous durable goods.....	19,657	19,571	19,266	0.4	1.6	0.4	20,041	19,742	19,187	19,635	2.1
Nondurable goods industries.....	188,201	187,334	186,708	0.5	0.3	1.1	188,910	188,241	185,801	176,470	7.0
Food products.....	33,220	33,237	33,140	-0.1	0.3	0.7	33,171	32,651	32,044	32,279	2.8
Grain and oilseed milling.....	4,185	4,211	4,176	-0.6	0.8	4.7	3,864	4,015	3,942	3,407	13.4
Dairy products.....	3,576	3,612	3,653	-1.0	-1.1	-1.3	3,626	3,759	3,794	3,962	-8.5
Meat, poultry, and seafood products.....	6,030	6,000	5,910	0.5	1.5	1.0	5,994	5,967	5,840	5,635	6.4
Beverage and tobacco products.....	15,409	15,415	15,354	0.0	0.4	-0.6	15,059	14,814	14,851	14,856	1.4
Beverages.....	10,990	10,963	10,857	0.2	1.0	-1.0	10,774	10,619	10,552	10,326	4.3
Tobacco.....	4,419	4,452	4,497	-0.7	-1.0	0.3	4,285	4,195	4,299	4,530	-5.4
Textile mills.....	3,546	3,525	3,522	0.6	0.1	1.6	3,557	3,561	3,558	3,582	-0.7
Textile products.....	3,144	3,146	3,103	-0.1	1.4	2.7	3,163	3,177	3,153	3,059	3.4
Apparel.....	4,507	4,471	4,412	0.8	1.3	-0.4	4,658	4,623	4,558	4,846	-3.9
Leather and allied products.....	761	744	733	2.3	1.5	1.9	780	756	747	823	-5.2
Paper products.....	14,593	14,508	14,456	0.6	0.4	-0.6	14,568	14,595	14,449	14,477	0.6
Pulp, paper, and paperboard mills.....	6,630	6,549	6,458	1.2	1.4	-0.6	6,601	6,614	6,435	6,555	0.7
Paperboard containers.....	3,883	3,899	3,989	-0.4	-2.3	-0.7	3,887	3,914	3,996	3,937	-1.3
Printing.....	5,969	6,011	6,034	-0.7	-0.4	0.6	6,301	6,332	6,050	6,310	-0.1
Petroleum and coal products.....	30,478	30,014	30,020	1.5	0.0	2.7	31,240	31,183	30,460	25,097	24.5
Petroleum refineries.....	27,902	27,579	27,682	1.2	-0.4	2.8	28,496	28,606	27,979	22,979	24.0
Chemical products.....	57,098	56,960	56,862	0.2	0.2	1.5	57,416	57,476	57,037	53,338	7.6
Pesticides, fertilizers, and other agricultural chemicals.....	2,595	2,588	2,575	0.3	0.5	0.8	2,208	2,275	2,331	1,941	13.8
Pharmaceuticals and medicines.....	20,074	20,248	20,247	-0.9	0.0	3.3	20,715	20,811	20,654	18,993	9.1
Paints, coatings, and adhesives.....	2,908	2,874	2,850	1.2	0.8	0.1	2,894	2,911	2,920	2,786	3.9
Plastics and rubber products.....	19,476	19,303	19,072	0.9	1.2	0.5	18,997	19,073	18,894	17,803	6.7

^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			
	Aug. 2006 ^p	July 2006 ^r	June 2006	July - Aug.	June - July	May - June	Aug. 2006 ^p	July 2006 ^r	June 2006	Aug. 2005	2006 ^p	2005	
SHIPMENTS													
All manufacturing industries	407,784	403,287	403,835	1.1	-0.1	-0.1	420,025	371,365	430,567	395,980	3,179,925	2,975,314	6.9
Construction materials and supplies.....	43,135	42,816	43,159	0.7	-0.8	-0.1	46,530	41,523	47,408	43,916	345,073	321,494	7.3
Information technology.....	27,633	27,358	27,114	1.0	0.9	-0.6	26,371	24,184	31,502	24,820	211,107	194,974	8.3
Computers and related products	6,812	6,933	6,019	-1.7	15.2	-3.9	6,113	6,612	7,411	6,140	50,714	49,525	2.4
Motor vehicle and parts.....	39,746	37,517	40,459	5.9	-7.3	-0.8	42,767	24,956	44,824	43,655	317,211	317,098	0.0
Capital goods.....	75,967	74,624	74,452	1.8	0.2	-0.1	74,249	67,311	83,625	67,476	584,030	525,829	11.1
Nondefense capital goods ³	67,755	66,857	66,434	1.3	0.6	-0.2	66,083	60,114	75,139	60,076	522,216	467,242	11.8
Excluding aircraft.....	62,576	62,139	61,200	0.7	1.5	-0.2	61,099	56,678	68,682	56,426	483,773	443,518	9.1
Defense capital goods ⁴	8,212	7,767	8,018	5.7	-3.1	1.2	8,166	7,197	8,486	7,400	61,814	58,587	5.5
Consumer goods.....	157,158	156,013	158,076	0.7	-1.3	-0.5	164,084	145,666	163,541	160,068	1,234,587	1,169,910	5.5
Consumer durable goods.....	34,437	32,790	36,314	5.0	-9.7	0.0	35,685	23,880	39,582	36,869	278,124	273,039	1.9
Consumer nondurable goods.....	122,721	123,223	121,762	-0.4	1.2	-0.6	128,399	121,786	123,959	123,199	956,463	896,871	6.6
NEW ORDERS													
All manufacturing industries ⁵	403,598	403,628	407,504	0.0	-1.0	1.5	411,728	371,219	429,873	394,114	3,181,808	2,964,557	7.3
Construction materials and supplies.....	43,044	43,106	43,856	-0.1	-1.7	-0.7	45,975	41,914	47,248	44,479	350,425	325,943	7.5
Information technology.....	28,604	29,186	28,074	-2.0	4.0	2.5	25,955	25,687	32,007	24,882	218,354	201,000	8.6
Computers and related products	6,456	7,064	6,128	-8.6	15.3	-1.7	5,757	6,743	7,520	6,404	50,096	49,205	1.8
Motor vehicle and parts.....	39,646	37,907	40,703	4.6	-6.9	-0.3	42,306	25,825	44,648	43,559	318,838	317,242	0.5
Capital goods.....	78,691	79,838	82,081	-1.4	-2.7	6.2	73,638	70,305	89,948	70,107	620,659	556,418	11.5
Nondefense capital goods ³	68,955	70,978	71,652	-2.9	-0.9	1.7	65,463	63,838	79,475	65,364	558,410	506,066	10.3
Excluding aircraft.....	64,171	63,890	63,523	0.4	0.6	0.9	60,797	58,060	69,222	56,818	498,595	454,469	9.7
Defense capital goods ⁴	9,736	8,860	10,429	9.9	-15.0	51.7	8,175	6,467	10,473	4,743	62,249	50,352	23.6
Consumer goods.....	156,877	156,351	157,840	0.3	-0.9	-0.7	163,731	146,314	163,064	160,592	1,234,560	1,170,100	5.5
Consumer durable goods.....	34,156	33,128	36,078	3.1	-8.2	-0.9	35,332	24,528	39,105	37,393	278,097	273,229	1.8
Consumer nondurable goods.....	122,721	123,223	121,762	-0.4	1.2	-0.6	128,399	121,786	123,959	123,199	956,463	896,871	6.6
UNFILLED ORDERS													
All manufacturing industries ⁵	632,011	629,253	622,040	0.4	1.2	1.7	628,112	629,561	623,622	529,479	(X)	(X)	18.6
Construction materials and supplies.....	44,308	44,399	44,109	-0.2	0.7	1.6	44,726	45,281	44,890	37,694	(X)	(X)	18.7
Information technology.....	110,894	109,923	108,095	0.9	1.7	0.9	109,610	110,026	108,523	101,109	(X)	(X)	8.4
Computers and related products	4,084	4,440	4,309	-8.0	3.0	2.6	4,084	4,440	4,309	4,614	(X)	(X)	-11.5
Motor vehicle and parts.....	19,026	19,126	18,736	-0.5	2.1	1.3	18,719	19,180	18,311	15,604	(X)	(X)	20.0
Capital goods.....	455,433	452,709	447,495	0.6	1.2	1.7	451,324	451,935	448,941	378,459	(X)	(X)	19.3
Nondefense capital goods ³	324,995	323,795	319,674	0.4	1.3	1.7	323,108	323,728	320,004	250,796	(X)	(X)	28.8
Excluding aircraft.....	155,597	154,002	152,251	1.0	1.2	1.5	154,028	154,330	152,948	135,973	(X)	(X)	13.3
Defense capital goods ⁴	130,438	128,914	127,821	1.2	0.9	1.9	128,216	128,207	128,937	127,663	(X)	(X)	0.4
Consumer goods.....	8,694	8,975	8,637	-3.1	3.9	-2.7	8,655	9,008	8,360	10,038	(X)	(X)	-13.8
Consumer durable goods.....	8,694	8,975	8,637	-3.1	3.9	-2.7	8,655	9,008	8,360	10,038	(X)	(X)	-13.8
TOTAL INVENTORIES													
All manufacturing industries	475,502	473,717	470,001	0.4	0.8	0.9	479,291	477,394	467,923	449,306	(X)	(X)	6.7
Construction materials and supplies.....	55,740	55,130	54,533	1.1	1.1	1.1	56,001	55,615	54,802	52,325	(X)	(X)	7.0
Information technology.....	37,071	36,739	36,353	0.9	1.1	-0.8	37,875	37,060	35,802	36,712	(X)	(X)	3.2
Computers and related products	4,190	4,202	4,179	-0.3	0.6	2.5	4,482	4,286	4,081	4,741	(X)	(X)	-5.5
Motor vehicle and parts.....	24,242	24,031	23,715	0.9	1.3	0.4	24,524	24,341	23,459	23,872	(X)	(X)	2.7
Capital goods.....	124,795	125,281	124,088	-0.4	1.0	0.8	126,561	126,181	122,991	121,010	(X)	(X)	4.6
Nondefense capital goods ³	110,463	110,935	109,976	-0.4	0.9	1.1	112,149	111,803	108,851	106,457	(X)	(X)	5.3
Excluding aircraft.....	93,429	92,892	92,022	0.6	0.9	0.6	94,833	93,381	91,385	90,222	(X)	(X)	5.1
Defense capital goods ⁴	14,332	14,346	14,112	-0.1	1.7	-1.4	14,412	14,378	14,140	14,553	(X)	(X)	-1.0
Consumer goods.....	144,086	143,520	142,795	0.4	0.5	1.1	145,786	144,586	141,888	136,762	(X)	(X)	6.6
Consumer durable goods.....	27,466	27,213	26,838	0.9	1.4	0.2	28,138	27,589	26,621	27,554	(X)	(X)	2.1
Consumer nondurable goods.....	116,620	116,307	115,957	0.3	0.3	1.4	117,648	116,997	115,267	109,208	(X)	(X)	7.7

^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 Aug. 06/05
	Aug. 2006 ^P	July 2006 ^F	June 2006	July - Aug.	June - July	May - June	Aug. 2006 ^P	July 2006 ^F	June 2006	Aug. 2005	
<u>MATERIALS AND SUPPLIES</u>											
All manufacturing industries.....	165,141	164,023	162,235	0.7	1.1	0.3	165,309	164,819	161,321	154,675	6.9
Durable goods industries.....	99,392	98,643	97,106	0.8	1.6	0.7	100,111	99,466	96,181	93,392	7.2
Wood products.....	4,943	4,954	5,131	-0.2	-3.4	3.9	4,870	4,752	4,785	4,956	-1.7
Nonmetallic mineral products.....	4,175	4,128	4,068	1.1	1.5	0.8	4,229	4,182	4,082	3,783	11.8
Primary metals.....	10,290	10,119	9,850	1.7	2.7	0.9	10,418	10,240	9,853	9,350	11.4
Fabricated metal products.....	13,847	13,760	13,622	0.6	1.0	2.5	13,863	13,934	13,638	12,393	11.9
Machinery.....	16,373	16,336	16,038	0.2	1.9	-0.4	16,523	16,462	15,968	15,627	5.7
Computers and electronic products.....	16,530	16,245	15,736	1.8	3.2	1.6	16,804	16,341	15,587	14,721	14.1
Electrical equipment, appliances, and components.....	5,507	5,489	5,324	0.3	3.1	-0.9	5,504	5,471	5,281	5,090	8.1
Transportation equipment.....	17,623	17,566	17,293	0.3	1.6	-0.3	17,680	17,915	16,934	17,635	0.3
Furniture and related products.....	3,478	3,515	3,517	-1.1	-0.1	-1.0	3,487	3,560	3,556	3,360	3.8
Miscellaneous products.....	6,626	6,531	6,527	1.5	0.1	-0.9	6,733	6,609	6,497	6,477	4.0
Nondurable goods industries.....	65,749	65,380	65,129	0.6	0.4	-0.2	65,198	65,353	65,140	61,283	6.4
Food products.....	11,778	11,582	11,496	1.7	0.7	0.7	11,372	11,296	11,253	11,140	2.1
Beverage and tobacco products.....	4,599	4,697	4,660	-2.1	0.8	1.4	4,477	4,502	4,554	4,834	-7.4
Textiles.....	1,070	1,048	1,048	2.1	0.0	2.4	1,064	1,043	1,047	1,097	-3.0
Textile products.....	1,324	1,312	1,296	0.9	1.2	1.6	1,329	1,334	1,318	1,210	9.8
Apparel.....	1,205	1,201	1,172	0.3	2.5	-3.0	1,200	1,204	1,176	1,222	-1.8
Leather and allied products.....	235	237	234	-0.8	1.3	0.4	242	246	239	256	-5.5
Paper products.....	7,046	6,973	7,001	1.0	-0.4	-1.4	7,010	6,999	7,017	6,916	1.4
Printing.....	2,970	2,980	3,004	-0.3	-0.8	8.4	3,040	3,092	3,089	2,719	11.8
Petroleum and coal products.....	9,896	10,005	10,448	-1.1	-4.2	-5.1	10,009	10,288	10,568	8,262	21.1
Chemical products.....	17,682	17,532	16,998	0.9	3.1	0.1	17,668	17,614	17,201	16,466	7.3
Plastics and rubber products.....	7,944	7,813	7,772	1.7	0.5	1.3	7,787	7,735	7,678	7,161	8.7
<u>WORK IN PROCESS</u>											
All manufacturing industries.....	129,761	130,156	129,610	-0.3	0.4	1.9	131,170	131,453	128,355	121,384	8.1
Durable goods industries.....	99,444	100,188	99,686	-0.7	0.5	0.9	100,697	101,418	99,000	93,358	7.9
Wood products.....	2,255	2,208	2,144	2.1	3.0	-7.7	2,252	2,201	2,151	2,085	8.0
Nonmetallic mineral products.....	1,241	1,231	1,232	0.8	-0.1	1.9	1,255	1,254	1,257	1,140	10.1
Primary metals.....	9,000	8,877	8,765	1.4	1.3	1.7	9,027	8,950	8,768	7,946	13.6
Fabricated metal products.....	10,746	10,654	10,526	0.9	1.2	1.2	10,870	10,760	10,591	9,893	9.9
Machinery.....	13,140	13,269	13,252	-1.0	0.1	0.5	13,506	13,445	13,242	12,838	5.2
Computers and electronic products.....	20,040	20,012	20,234	0.1	-1.1	0.1	20,583	20,499	20,116	19,121	7.6
Electrical equipment, appliances, and components.....	2,944	2,839	2,816	3.7	0.8	1.7	3,003	2,877	2,847	2,573	16.7
Transportation equipment.....	35,169	36,227	35,975	-2.9	0.7	1.9	35,226	36,488	35,273	32,839	7.3
Furniture and related products.....	1,701	1,647	1,665	3.3	-1.1	0.5	1,705	1,669	1,683	1,613	5.7
Miscellaneous products.....	3,208	3,224	3,077	-0.5	4.8	0.6	3,270	3,275	3,072	3,310	-1.2
Nondurable goods industries.....	30,317	29,968	29,924	1.2	0.1	5.0	30,473	30,035	29,355	28,026	8.7
Food products.....	2,361	2,411	2,387	-2.1	1.0	6.9	2,160	2,212	2,159	1,999	8.1
Beverage and tobacco products.....	4,640	4,578	4,604	1.4	-0.6	0.2	4,297	4,189	4,280	3,803	13.0
Textiles.....	908	922	917	-1.5	0.5	-1.0	908	929	914	993	-8.6
Textile products.....	434	444	445	-2.3	-0.2	0.7	435	451	449	473	-8.0
Apparel.....	746	756	755	-1.3	0.1	-4.9	758	761	769	856	-11.4
Leather and allied products.....	111	107	106	3.7	0.9	6.0	115	108	102	124	-7.3
Paper products.....	1,174	1,148	1,143	2.3	0.4	-0.7	1,202	1,166	1,140	1,203	-0.1
Printing.....	1,394	1,422	1,420	-2.0	0.1	-11.5	1,535	1,579	1,355	1,857	-17.3
Petroleum and coal products.....	5,048	4,768	4,579	5.9	4.1	39.6	5,214	5,003	4,491	4,150	25.6
Chemical products.....	11,361	11,273	11,489	0.8	-1.9	1.9	11,777	11,546	11,646	10,656	10.5
Plastics and rubber products.....	2,140	2,139	2,079	0.0	2.9	-0.7	2,072	2,091	2,050	1,912	8.4
<u>FINISHED GOODS</u>											
All manufacturing industries.....	180,600	179,538	178,156	0.6	0.8	0.9	182,812	181,122	178,247	173,247	5.5
Durable goods industries.....	88,465	87,552	86,501	1.0	1.2	1.0	89,573	88,269	86,941	86,086	4.1
Wood products.....	4,526	4,493	4,409	0.7	1.9	2.2	4,414	4,462	4,551	4,479	-1.5
Nonmetallic mineral products.....	5,555	5,534	5,443	0.4	1.7	0.9	5,519	5,617	5,517	5,278	4.6
Primary metals.....	9,150	9,045	8,860	1.2	2.1	0.6	9,036	9,031	8,758	8,190	10.3
Fabricated metal products.....	12,234	12,053	11,892	1.5	1.4	0.5	12,252	12,208	12,063	12,127	1.0
Machinery.....	15,791	15,543	15,570	1.6	-0.2	-0.4	15,730	15,275	15,416	15,240	3.2
Computers and electronic products.....	8,613	8,761	8,657	-1.7	1.2	-0.9	8,967	9,011	8,495	8,870	1.1
Electrical equipment, appliances, and components.....	5,625	5,545	5,462	1.4	1.5	5.3	5,611	5,539	5,513	4,768	17.7
Transportation equipment.....	13,688	13,353	13,161	2.5	1.5	1.9	14,442	13,707	13,436	14,040	2.9
Furniture and related products.....	3,460	3,409	3,385	1.5	0.7	3.2	3,564	3,561	3,574	3,246	9.8
Miscellaneous products.....	9,823	9,816	9,662	0.1	1.6	1.2	10,038	9,858	9,618	9,848	1.9
Nondurable goods industries.....	92,135	91,986	91,655	0.2	0.4	0.7	93,239	92,853	91,306	87,161	7.0
Food products.....	19,081	19,244	19,257	-0.8	-0.1	0.0	19,639	19,143	18,632	19,140	2.6
Beverage and tobacco products.....	6,170	6,140	6,090	0.5	0.8	-2.7	6,285	6,123	6,017	6,219	1.1
Textiles.....	1,568	1,555	1,557	0.8	-0.1	2.6	1,585	1,589	1,597	1,492	6.2
Textile products.....	1,386	1,390	1,362	-0.3	2.1	4.5	1,399	1,392	1,386	1,376	1.7
Apparel.....	2,556	2,514	2,485	1.7	1.2	2.3	2,700	2,658	2,613	2,768	-2.5
Leather and allied products.....	415	400	393	3.8	1.8	1.8	423	402	406	443	-4.5
Paper products.....	6,373	6,387	6,312	-0.2	1.2	0.3	6,356	6,430	6,292	6,358	-0.1
Printing.....	1,605	1,609	1,610	-0.2	-0.1	-0.8	1,726	1,661	1,606	1,734	-0.5
Petroleum and coal products.....	15,534	15,241	14,993	1.9	1.7	0.4	16,017	15,892	15,401	12,685	26.3
Chemical products.....	28,055	28,155	28,375	-0.4	-0.8	2.2	27,971	28,316	28,190	26,216	6.7
Plastics and rubber products.....	9,392	9,351	9,221	0.4	1.4	0.2	9,138	9,247	9,166	8,730	4.7

^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			
	Aug 2006 ^p	Jul 2006 ^r	Jun 2006	May 2006	Aug 2006 ^p	Jul 2006 ^r	Jun 2006	May 2006
All manufacturing industries ²	1.17	1.17	1.16	1.15	(X)	(X)	(X)	(X)
Durable goods industries ²	1.34	1.36	1.33	1.32	4.20	4.26	4.23	4.18
Wood products.....	1.46	1.46	1.40	1.38	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.11	1.09	1.06	1.05	(X)	(X)	(X)	(X)
Primary metals.....	1.41	1.40	1.41	1.42	1.34	1.38	1.40	1.42
Fabricated metal products.....	1.47	1.48	1.45	1.44	2.19	2.20	2.18	2.12
Machinery.....	1.62	1.63	1.64	1.67	2.76	2.78	2.75	2.76
Computers and electronic products ² ..	1.27	1.27	1.28	1.27	4.57	4.54	4.51	4.49
Electrical equipment, appliances, and components.....	1.35	1.35	1.33	1.28	2.20	2.27	2.22	2.13
Transportation equipment.....	1.17	1.25	1.16	1.14	8.99	9.35	9.25	9.03
Furniture and related products.....	1.13	1.14	1.11	1.10	1.04	1.09	1.07	1.09
Miscellaneous products.....	1.52	1.52	1.51	1.53	(X)	(X)	(X)	(X)
Nondurable goods industries.....	0.97	0.97	0.98	0.96	(X)	(X)	(X)	(X)
Food products.....	0.74	0.75	0.75	0.74	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.48	1.57	1.50	1.50	(X)	(X)	(X)	(X)
Textiles.....	1.27	1.23	1.25	1.24	(X)	(X)	(X)	(X)
Textile products.....	1.11	1.09	1.06	1.02	(X)	(X)	(X)	(X)
Apparel.....	1.57	1.53	1.48	1.42	(X)	(X)	(X)	(X)
Leather and allied products.....	1.50	1.50	1.51	1.55	(X)	(X)	(X)	(X)
Paper products.....	1.05	1.06	1.04	1.04	(X)	(X)	(X)	(X)
Printing.....	0.77	0.78	0.78	0.79	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.77	0.73	0.75	0.74	(X)	(X)	(X)	(X)
Chemical products.....	1.14	1.14	1.17	1.13	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.11	1.11	1.09	1.10	(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	
	Aug ¹ 2006	Aug ² 2005-Jul 2006	Aug ¹ 2006	Aug ² 2005-Jul 2006	Aug ¹ 2006	Aug ² 2005-Jul 2006	Aug ¹ 2006	Aug ² 2005-Jul 2006
All manufacturing industries.....	(X)	0.3	(X)	0.5	(X)	0.2	(X)	0.2
Durable goods industries.....	0.2	0.3	0.5	0.6	0.0	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.....	0.0	0.4	0.0	1.4	0.1	0.7	0.0	0.3
Fabricated metal products.....	0.2	0.3	0.1	1.0	0.1	0.4	0.1	0.3
Machinery.....	0.3	0.6	0.4	1.4	0.1	0.3	-0.1	0.1
Computers and electronic products	0.2	0.6	1.8	1.4	0.2	0.2	0.5	0.3
Electrical equipment, appliances, and components.....	0.2	0.5	0.6	1.7	0.1	0.8	0.1	0.3
Transportation equipment.....	0.1	0.5	0.3	1.2	0.0	0.2	0.0	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)	0.4
Food products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.4
Beverage and tobacco products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.2
Textiles.....	(X)	1.0	(X)	(NA)	(X)	(NA)	(X)	0.6
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)	1.5	(X)	(NA)	(X)	(NA)	(X)	1.9
Paper products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.2
Printing.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.2
Petroleum and coal products.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	1.2
Chemical products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.4
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>.