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Full Report on Manufacturers' Shipments, Inventories and Orders April 2007

Summary

New orders for manufactured goods in April, up five of the last six months, increased \$1.3 billion or 0.3 percent to \$418.0 billion, the U.S. Census Bureau reported today. This followed a 4.1 percent March increase.

Shipments, up two consecutive months, increased \$3.4 billion or 0.8 percent to \$412.7 billion. This followed a 2.1 percent March increase.

Unfilled orders, up twenty-three of the last twenty-four months, increased \$13.0 billion or 1.8 percent to \$719.1 billion. This was at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 1.8 percent March increase. The unfilled orders-to-shipments ratio was 4.85, up from 4.80 in March.

Inventories, up thirteen of the last fourteen months, increased \$2.4 billion or 0.5 percent to \$513.5 billion. This was at the highest level since the series began and followed a 0.2 percent March increase. The inventories-to-shipments ratio was 1.24, down from 1.25 in March.

New Orders

New orders for manufactured durable goods in April, up five of the last six months, increased \$1.8 billion or 0.8 percent to \$218.5 billion, revised from the previously published 0.6 percent increase. This followed a 5.1 percent March increase.

Fabricated metal products, up following two consecutive monthly decreases, had the largest increase, \$1.1 billion or 4.3 percent to \$26.6 billion.

New orders for manufactured nondurable goods decreased \$0.5 billion or 0.2 percent to \$199.6 billion.

Shipments

Shipments of manufactured durable goods in April, up two consecutive months, increased \$3.9 billion or 1.9 percent to \$213.2 billion, unchanged from the previously published increase. This followed a 1.3 percent March increase.

Computers and electronic products, up following two consecutive monthly decreases, had the largest increase, \$2.6 billion or 8.1 percent to \$34.0 billion.

Shipments of manufactured nondurable goods, down following two consecutive monthly increases, decreased \$0.5 billion or 0.2 percent to \$199.6 billion. This was due to petroleum and coal products, which decreased \$1.9 billion or 4.5 percent to \$40.9 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in April, up twenty-three of the last twenty-four months, increased \$13.0 billion or 1.8 percent to \$719.1 billion, unchanged from the previously published increase. This was at the highest level since the series began and followed a 1.8 percent March increase.

Transportation equipment, up fifteen consecutive months, had the largest increase, \$11.0 billion or 2.8 percent to \$405.5 billion.

Inventories

Inventories of manufactured durable goods in April, up fourteen consecutive months, increased \$1.4 billion or 0.5 percent to \$312.8 billion, unchanged from the previously published increase. This was at the highest level since the series began and followed a 0.1 percent March increase.

Transportation equipment, up seven of the last eight months, had the largest increase, \$1.3 billion or 1.8 percent to \$77.1 billion.

Inventories of manufactured nondurable goods, up two consecutive months, increased \$1.0 billion or 0.5 percent to \$200.7 billion. This was led by petroleum and coal products, which increased \$0.6 billion or 1.9 percent to \$33.9 billion.

By stage of fabrication, April materials and supplies increased 0.7 percent in durable goods and increased 0.8 percent in nondurable goods. Work in process increased 0.8 percent in durable goods and decreased 0.2 percent in nondurable goods. Finished goods decreased 0.2 percent in durable goods and increased 0.5 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 May is scheduled for release on June 27, 2007, at 8:30 a.m. EDT and the full report on July 3, 2007, at 10:00 a.m. EDT. 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		
	Apr. 2007 ^p	Mar. 2007 ^r	Feb. 2007	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2007 ^p	Mar. 2007 ^r	Feb. 2007	Apr. 2006	2007 ^p	2006	Percent 2007/2006
All manufacturing industries	412,730	409,337	400,864	0.8	2.1	-0.6	407,047	432,536	378,463	399,072	1,590,103	1,606,996	-1.1
Excluding transportation	356,586	352,177	345,014	1.3	2.1	-0.4	352,375	367,171	323,157	345,624	1,365,245	1,377,315	-0.9
Excluding defense	403,106	399,764	391,008	0.8	2.2	-0.6	397,964	421,954	368,948	389,983	1,552,971	1,571,321	-1.2
With unfilled orders	148,344	146,962	144,283	0.9	1.9	0.0	145,047	161,208	137,161	138,514	573,195	562,060	2.0
Durable goods industries	213,174	209,287	206,521	1.9	1.3	-1.5	208,825	229,573	196,793	200,633	823,908	826,260	-0.3
Wood products.....	7,722	7,643	7,509	1.0	1.8	-3.7	7,865	7,738	6,911	8,861	29,241	36,003	-18.8
Nonmetallic mineral products.....	9,784	9,850	9,660	-0.7	2.0	0.6	9,894	9,966	8,602	9,939	37,176	39,258	-5.3
Primary metals.....	20,179	19,747	19,164	2.2	3.0	-1.7	20,726	20,998	18,839	18,590	80,115	74,546	7.5
Iron and steel mills.....	9,495	9,448	8,928	0.5	5.8	-3.0	9,767	10,073	8,860	8,856	37,983	36,425	4.3
Aluminum and nonferrous metals.....	9,091	8,732	8,711	4.1	0.2	0.0	9,353	9,248	8,516	8,130	35,851	31,580	13.5
Ferrous metal foundries.....	1,593	1,567	1,525	1.7	2.8	-2.9	1,606	1,677	1,463	1,604	6,281	6,541	-4.0
Fabricated metal products.....	26,065	25,583	25,435	1.9	0.6	-1.0	25,853	26,779	24,156	24,800	100,837	99,626	1.2
Machinery.....	28,113	27,077	26,310	3.8	2.9	3.0	29,283	30,280	24,726	27,689	107,592	107,164	0.4
Farm machinery.....	1,799	1,754	1,727	2.6	1.6	-0.8	2,464	2,230	1,927	2,237	8,174	7,600	7.6
Construction machinery.....	1,914	1,957	1,954	-2.2	0.2	0.3	2,035	2,278	1,874	2,923	7,992	11,799	-32.3
Mining, oil field, and gas field machinery.....	1,286	1,243	1,270	3.5	-2.1	7.1	1,228	1,354	1,195	972	4,887	3,949	23.8
Industrial machinery.....	3,927	2,984	2,978	31.6	0.2	18.6	4,377	3,243	2,585	3,766	12,526	11,986	4.5
Photographic equipment.....	680	677	667	0.4	1.5	4.2	624	703	559	611	2,404	2,367	1.6
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,058	3,962	3,903	2.4	1.5	3.3	3,826	4,302	3,319	3,239	14,582	12,832	13.6
Metalworking machinery.....	2,408	2,223	2,294	8.3	-3.1	-2.5	2,247	2,479	2,085	2,171	8,999	9,445	-4.7
Turbines, generators, and other power transmission equipment.....	3,211	3,554	2,864	-9.7	24.1	1.5	3,368	3,828	2,849	3,198	12,782	13,537	-5.6
Material handling equipment.....	2,298	2,322	2,202	-1.0	5.4	2.6	2,133	2,750	2,080	1,885	8,989	8,133	10.5
Computers and electronic products.....	34,049	31,497	32,280	8.1	-2.4	-6.0	30,786	35,988	29,875	28,998	125,620	125,047	0.5
Computers.....	3,147	3,211	3,566	-2.0	-10.0	8.2	3,222	3,417	3,176	3,825	12,701	14,185	-10.5
Computer storage devices.....	586	565	590	3.7	-4.2	3.9	327	918	413	353	1,992	2,438	-18.3
Other peripheral equipment.....	1,408	1,395	1,415	0.9	-1.4	-0.6	1,126	1,766	1,200	1,072	5,119	5,052	1.3
Nondefense communications equipment.....	4,973	4,851	4,924	2.5	-1.5	5.0	4,427	5,756	4,373	4,510	18,274	19,163	-4.6
Defense communications equipment.....	525	503	503	4.4	0.0	7.9	507	548	471	623	1,946	1,907	2.0
Audio and video equipment.....	956	829	866	15.3	-4.3	-11.2	749	837	811	647	3,271	3,019	8.3
Semiconductors.....	7,670	5,333	5,929	43.8	-10.1	-29.0	7,331	5,676	6,020	5,629	26,620	26,628	0.0
Electronic components.....	4,227	4,227	4,146	0.0	2.0	0.0	3,724	4,640	3,906	3,415	15,888	14,563	9.1
Nondefense search and navigation equipment.....	916	886	850	3.4	4.2	-9.4	868	1,008	818	752	3,500	3,148	11.2
Defense search and navigation equipment.....	2,491	2,535	2,591	-1.7	-2.2	1.5	2,437	2,718	2,519	2,393	9,733	9,057	7.5
Electromedical, measuring, and control instruments.....	6,605	6,630	6,338	-0.4	4.6	-0.1	5,598	8,169	5,654	5,298	24,516	23,743	3.3
Electrical equipment, appliances, and components.....	11,187	10,942	10,632	2.2	2.9	-0.3	10,890	11,584	9,821	9,622	41,770	38,217	9.3
Electric lighting equipment.....	1,249	1,192	1,191	4.8	0.1	2.0	1,198	1,282	1,175	1,044	4,709	4,380	7.5
Household appliances.....	2,594	2,346	2,246	10.6	4.5	3.3	2,587	2,374	1,945	2,170	8,588	7,920	8.4
Electrical equipment.....	3,408	3,412	3,328	-0.1	2.5	-0.1	3,260	3,799	3,142	2,820	13,314	11,765	13.2
Batteries.....	622	629	626	-1.1	0.5	-27.6	552	629	521	495	2,439	2,101	16.1
Transportation equipment.....	56,144	57,160	55,850	-1.8	2.3	-1.7	54,672	65,365	55,306	53,448	224,858	229,681	-2.1
Automobiles.....	6,999	7,269	6,953	-3.7	4.5	-0.6	6,783	8,357	7,007	6,651	28,899	29,314	-1.4
Light trucks and utility vehicles.....	11,190	10,839	10,603	3.2	2.2	3.7	11,055	12,680	10,726	10,453	43,420	48,144	-9.8
Heavy duty trucks.....	1,385	1,763	1,851	-21.4	-4.8	-16.1	1,358	1,902	1,794	2,202	7,168	9,090	-21.1
Motor vehicle bodies, parts, and trailers.....	18,881	19,637	19,179	-3.8	2.4	1.2	19,164	21,780	19,448	19,308	78,239	80,024	-2.2
Nondefense aircraft and parts.....	8,377	8,391	7,989	-0.2	5.0	-7.5	7,438	10,264	7,494	5,707	31,392	27,117	15.8
Defense aircraft and parts.....	3,370	3,266	3,468	3.2	-5.8	-0.6	3,068	3,730	3,199	3,006	12,660	11,980	5.7
Ships and boats.....	1,847	1,973	1,990	-6.4	-0.9	-5.8	1,915	2,166	1,966	2,121	7,734	7,767	-0.4
Furniture and related products.....	6,955	7,027	6,946	-1.0	1.2	-0.6	6,784	7,153	6,780	7,270	27,365	29,156	-6.1
Miscellaneous durable goods.....	12,976	12,761	12,735	1.7	0.2	-0.5	12,072	13,722	11,777	11,416	49,334	47,562	3.7
Nondurable goods industries.....	199,556	200,050	194,343	-0.2	2.9	0.5	198,222	202,963	181,670	198,439	766,195	780,736	-1.9
Food products.....	46,420	46,026	45,829	0.9	0.4	0.2	44,398	46,687	44,080	42,807	179,213	173,882	3.1
Grain and oilseed milling.....	5,035	5,075	5,001	-0.8	1.5	1.3	4,746	5,138	4,976	4,644	19,632	19,685	-0.3
Dairy products.....	6,497	6,307	6,345	3.0	-0.6	0.1	6,232	6,509	5,872	5,804	24,871	24,221	2.7
Meat, poultry, and seafood products.....	14,142	14,010	13,773	0.9	1.7	0.6	13,543	13,767	13,417	12,575	53,874	50,453	6.8
Beverage and tobacco products.....	11,077	11,098	10,581	-0.2	4.9	-0.7	10,925	11,055	9,915	10,349	41,651	40,202	3.6
Beverages.....	7,349	7,282	7,197	0.9	1.2	1.2	7,197	7,239	6,531	6,794	27,180	26,145	4.0
Tobacco.....	3,728	3,816	3,384	-2.3	12.8	-4.5	3,728	3,816	3,384	3,555	14,471	14,057	2.9
Textile mills.....	2,887	2,901	2,983	-0.5	-2.7	-2.8	2,900	3,043	2,973	3,184	11,747	12,850	-8.6
Textile products.....	2,838	2,836	2,869	0.1	-1.2	-1.3	2,842	2,960	2,789	3,112	11,191	12,288	-8.9
Apparel.....	2,770	2,736	2,720	1.2	0.6	-0.1	2,593	2,879	2,643	2,590	10,426	10,562	-1.3
Leather and allied products.....	554	569	561	-2.6	1.4	2.9	517	615	608	485	2,213	2,032	8.9
Paper products.....	13,755	13,698	13,672	0.4	0.2	-0.8	13,419	13,966	12,997	13,464	54,172	55,092	-1.7
Pulp, paper, and paperboard mills.....	6,559	6,505	6,401	0.8	1.6	-0.1	6,435	6,641	6,155	6,235	25,703	25,469	0.9
Paperboard containers.....	3,931	3,922	3,938	0.2	-0.4	-1.0	3,797	3,937	3,645	3,746	15,344	15,376	-0.2
Printing.....	8,565	8,557	8,506	0.1	0.6	-0.9	8,303	8,745	7,833	8,122	32,965	32,027	2.9
Petroleum and coal products.....	40,852	42,791	38,285	-4.5	11.8	1.9	41,937	40,057	33,847	44,484	149,836	164,143	-8.7
Petroleum refineries.....	38,221	40,151	35,597	-4.8	12.8	2.4	39,432	37,570	31,717	41,939	140,475	154,225	-8.9
Chemical products.....	52,603	51,818	51,671	1.5	0.3	1.2	52,996	55,142	48,291	52,769	205,750	209,299	-1.7
Pesticides, fertilizers, and other agricultural chemicals.....	2,431	2,541	2,463	-4.3	3.2	2.9	3,462	3,523	2,288	3,287	11,360	10,152	11.9
Pharmaceuticals and medicines.....	14,541	14,414	14,765	0.9	-2.4	2.0	14,138	14,775	13,330	14,194	56,626	56,036	1.1
Paints, coatings, and adhesives.....	2,920	2,887	2,836	1.1	1.8	-3.6	3,099	3,078	2,615	2,971	11,368	11,187	1.6
Plastics and rubber products.....	17,235	17,020	16,666	1.3	2.1	-0.8	17,392	17,814	15,694	17,073	67,031	68,359	-1.9

^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		
	Apr. 2007 ^p	Mar. 2007 ^r	Feb. 2007	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2007 ^p	Mar. 2007 ^r	Feb. 2007	Apr. 2006	2007 ^p	2006	Percent 2007/2006
All manufacturing industries ²	418,043	416,759	400,493	0.3	4.1	0.5	411,284	441,840	381,314	401,214	1,611,563	1,621,980	-0.6
Excluding transportation ²	350,942	348,583	340,484	0.7	2.4	0.0	347,579	364,640	322,410	344,258	1,357,183	1,372,832	-1.1
Excluding defense ²	409,029	407,763	391,581	0.3	4.1	0.9	403,859	429,558	372,259	393,523	1,572,527	1,584,862	-0.8
With unfilled orders ²	161,327	159,717	149,841	1.0	6.6	1.2	156,615	176,188	146,032	146,285	621,275	603,672	2.9
Durable goods industries ²	218,487	216,709	206,150	0.8	5.1	0.5	213,062	238,877	199,644	202,775	845,368	841,244	0.5
Primary metals.....	20,805	20,019	18,913	3.9	5.8	-3.8	21,124	21,335	19,006	18,932	81,966	76,543	7.1
Iron and steel mills.....	9,975	9,653	8,772	3.3	10.0	-7.6	10,063	10,411	8,998	9,212	39,406	37,632	4.7
Aluminum and nonferrous metals.....	9,222	8,805	8,643	4.7	1.9	1.0	9,461	9,266	8,532	8,099	36,149	32,089	12.7
Ferrous metal foundries.....	1,608	1,561	1,498	3.0	4.2	-6.7	1,600	1,658	1,476	1,621	6,411	6,822	-6.0
Fabricated metal products.....	26,575	25,491	25,760	4.3	-1.0	-2.0	26,633	27,694	25,108	25,717	104,776	103,724	1.0
Machinery.....	27,969	28,395	26,938	-1.5	5.4	0.6	29,388	31,927	26,628	28,905	114,154	114,385	-0.2
Construction machinery.....	2,049	2,991	1,580	-31.5	89.3	-15.1	2,109	3,355	1,759	2,995	9,368	12,219	-23.3
Mining, oil field, and gas field machinery.....	1,381	1,157	1,020	19.4	13.4	-8.7	1,307	1,252	1,052	963	4,586	4,527	1.3
Industrial machinery.....	4,013	3,532	3,436	13.6	2.8	27.8	4,703	3,791	3,152	4,119	14,740	14,534	1.4
Photographic equipment.....	737	645	598	14.3	7.9	-1.2	698	685	527	591	2,455	2,479	-1.0
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,634	3,598	4,865	1.0	-26.0	13.8	3,551	4,055	4,402	3,514	15,964	13,846	15.3
Metalworking machinery.....	2,309	2,183	2,315	5.8	-5.7	-12.2	2,164	2,440	2,287	2,262	9,558	9,695	-1.4
Turbines, generators, and other power transmission equipment.....	3,166	3,677	2,717	-13.9	35.3	-8.7	3,294	3,864	2,815	3,439	12,818	14,450	-11.3
Material handling equipment.....	2,195	2,309	2,120	-4.9	8.9	-11.7	1,992	2,885	2,181	2,133	9,426	9,048	4.2
Computers and electronic products ²	26,805	26,324	26,671	1.8	-1.3	4.6	23,850	30,681	25,020	24,170	101,741	104,294	-2.4
Computers.....	2,976	3,419	3,483	-13.0	-1.8	7.6	3,051	3,625	3,093	3,744	12,596	13,830	-8.9
Nondefense communications equipment.....	5,028	4,318	4,915	16.4	-12.1	4.6	4,756	5,360	4,863	3,977	19,221	20,930	-8.2
Defense communications equipment.....	473	902	351	-47.6	157.0	-4.6	382	1,030	356	379	2,038	1,815	12.3
Semiconductors ²	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	4,177	4,107	4,456	1.7	-7.8	6.7	3,633	4,359	4,375	3,869	16,206	15,220	6.5
Nondefense search and navigation equipment.....	877	867	821	1.2	5.6	-23.0	752	1,025	840	895	3,705	4,031	-8.1
Defense search and navigation equipment.....	3,047	2,181	2,571	39.7	-15.2	23.1	2,821	2,806	2,652	2,873	10,048	10,971	-8.4
Electromedical, measuring, and control instruments.....	6,732	7,209	6,641	-6.6	8.6	5.3	5,783	8,420	5,903	5,880	25,485	24,844	2.6
Electrical equipment, appliances, and components.....	11,609	11,197	10,948	3.7	2.3	-3.6	11,404	11,543	10,730	10,363	44,460	40,926	8.6
Electric lighting equipment.....	1,285	1,239	1,324	3.7	-6.4	-1.1	1,245	1,359	1,320	1,177	5,213	4,938	5.6
Household appliances.....	2,796	2,360	2,384	18.5	-1.0	9.0	2,772	2,209	2,198	2,178	9,075	8,130	11.6
Electrical equipment.....	3,415	3,741	3,549	-8.7	5.4	-2.3	3,409	4,024	3,611	3,205	14,644	12,828	14.2
Transportation equipment.....	67,101	68,176	60,009	-1.6	13.6	3.5	63,705	77,200	58,904	56,956	254,380	249,148	2.1
Motor vehicle bodies, parts, and trailers.....	19,012	19,662	19,088	-3.3	3.0	0.4	19,138	21,408	19,433	19,825	78,442	81,954	-4.3
Nondefense aircraft and parts.....	18,087	20,263	13,196	-10.7	53.6	67.5	16,200	21,644	11,797	10,564	56,707	44,676	26.9
Defense aircraft and parts.....	2,420	2,038	2,974	18.7	-31.5	13.6	1,770	3,048	2,965	1,939	10,447	13,818	-24.4
Ships and boats.....	1,741	2,272	2,005	-23.4	13.3	-26.0	1,433	2,312	1,990	1,572	9,043	9,774	-7.5
Furniture and related products.....	7,053	6,996	7,094	0.8	-1.4	-0.2	7,039	7,214	7,045	7,439	28,100	29,678	-5.3
Nondurable goods industries.....	199,556	200,050	194,343	-0.2	2.9	0.5	198,222	202,963	181,670	198,439	766,195	780,736	-1.9

^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(06), "Manufacturers' Shipments, Inventories, and Orders: 2001-2006."

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 Apr. 07/06
	Apr. 2007 ^P	Mar. 2007 ^F	Feb. 2007	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2007 ^P	Mar. 2007 ^F	Feb. 2007	Apr. 2006	
All manufacturing industries ¹	719,064	706,081	693,326	1.8	1.8	0.8	729,922	718,354	703,374	609,017	19.9
Excluding transportation ¹	313,614	311,588	309,849	0.7	0.6	0.5	319,402	316,867	313,722	285,597	11.8
Excluding defense ¹	563,111	549,518	536,186	2.5	2.5	1.2	569,655	556,429	543,149	461,746	23.4
Durable goods industries ¹	719,064	706,081	693,326	1.8	1.8	0.8	729,922	718,354	703,374	609,017	19.9
Primary metals.....	27,872	27,246	26,974	2.3	1.0	-0.9	28,543	28,145	27,808	28,237	1.1
Iron and steel mills.....	16,886	16,406	16,201	2.9	1.3	-1.0	17,314	17,018	16,680	17,971	-3.7
Aluminum and nonferrous metals.....	8,095	7,964	7,891	1.6	0.9	-0.9	8,273	8,165	8,147	7,289	13.5
Ferrous metal foundries.....	2,891	2,876	2,882	0.5	-0.2	-0.9	2,956	2,962	2,981	2,977	-0.7
Fabricated metal products.....	56,195	55,685	55,777	0.9	-0.2	0.6	57,064	56,284	55,369	52,226	9.3
Machinery.....	81,186	81,330	80,012	-0.2	1.6	0.8	83,450	83,345	81,698	69,492	20.1
Construction machinery.....	10,460	10,325	9,291	1.3	11.1	-3.9	11,177	11,103	10,026	7,800	43.3
Mining, oil field, and gas field machinery.....	3,537	3,442	3,528	2.8	-2.4	-6.6	3,509	3,430	3,532	2,777	26.4
Industrial machinery.....	14,271	14,185	13,637	0.6	4.0	3.5	14,645	14,319	13,771	12,309	19.0
Photographic equipment.....	1,538	1,481	1,513	3.8	-2.1	-4.4	1,593	1,519	1,537	1,253	27.1
Ventilation, heating, air-conditioning, and refrigeration equipment.....	10,563	10,987	11,351	-3.9	-3.2	9.3	10,838	11,113	11,360	8,444	28.4
Metalworking machinery.....	6,839	6,938	6,978	-1.4	-0.6	0.3	6,984	7,067	7,106	5,728	21.9
Turbines, generators, and other power transmission equipment.....	12,482	12,527	12,404	-0.4	1.0	-1.2	12,589	12,663	12,627	11,054	13.9
Material handling equipment.....	8,927	9,030	9,043	-1.1	-0.1	-0.9	9,288	9,429	9,294	8,595	8.1
Computers and electronic products ¹	111,285	110,859	110,699	0.4	0.1	0.3	112,933	112,538	112,169	102,965	9.7
Computers.....	3,302	3,473	3,265	-4.9	6.4	-2.5	3,302	3,473	3,265	3,255	1.4
Nondefense communications equipment.....	26,781	26,726	27,259	0.2	-2.0	0.0	27,480	27,151	27,547	26,064	5.4
Defense communications equipment.....	6,373	6,425	6,026	-0.8	6.6	-2.5	6,449	6,574	6,092	5,744	12.3
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	10,264	10,314	10,434	-0.5	-1.2	3.1	10,238	10,329	10,610	9,997	2.4
Nondefense search and navigation equipment.....	5,366	5,405	5,424	-0.7	-0.4	-0.5	5,520	5,636	5,619	4,589	20.3
Defense search and navigation equipment.....	33,902	33,346	33,700	1.7	-1.1	-0.1	34,630	34,246	34,158	31,577	9.7
Electromedical, measuring, and control instruments.....	25,297	25,170	24,591	0.5	2.4	1.2	25,314	25,129	24,878	21,739	16.4
Electrical equipment, appliances, and components.....	24,121	23,699	23,444	1.8	1.1	1.4	24,426	23,912	23,953	20,348	20.0
Electric lighting equipment.....	2,617	2,581	2,534	1.4	1.9	5.5	2,621	2,574	2,497	2,675	-2.0
Household appliances.....	1,061	859	845	23.5	1.7	19.5	1,058	873	1,038	765	38.3
Electrical equipment.....	14,099	14,092	13,763	0.0	2.4	1.6	14,260	14,111	13,886	11,139	28.0
Transportation equipment.....	405,450	394,493	383,477	2.8	2.9	1.1	410,520	401,487	389,652	323,420	26.9
Motor vehicle bodies, parts, and trailers.....	20,802	20,671	20,646	0.6	0.1	-0.4	21,170	21,196	21,568	19,855	6.6
Nondefense aircraft and parts.....	242,580	232,870	220,998	4.2	5.4	2.4	243,865	235,103	223,723	173,960	40.2
Defense aircraft and parts.....	41,516	42,466	43,694	-2.2	-2.8	-1.1	42,810	44,108	44,790	44,806	-4.5
Ships and boats.....	18,488	18,594	18,295	-0.6	1.6	0.1	19,076	19,558	19,412	15,298	24.7
Furniture and related products.....	7,492	7,394	7,425	1.3	-0.4	2.0	7,523	7,268	7,207	7,722	-2.6

^P Preliminary ^F Revised NA Not available.¹ Data on unfilled orders are not available for the semiconductor industry. Estimates and percent changes for unfilled orders exclude semiconductor industry data.
See note at end of Table 2 relating to survey error and revision.

Table 4. Value of Manufacturers' Inventories for Industry Groups

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Apr. 07/06
	Apr. 2007 ^P	Mar. 2007 ^r	Feb. 2007	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2007 ^P	Mar. 2007 ^r	Feb. 2007	Apr. 2006	
All manufacturing industries	513,499	511,098	510,181	0.5	0.2	0.1	516,020	509,220	512,614	492,786	4.7
Excluding transportation	436,388	435,327	434,867	0.2	0.1	0.0	438,512	433,967	436,910	421,058	4.1
Excluding defense	492,306	490,399	489,428	0.4	0.2	0.1	494,794	488,619	491,837	471,161	5.0
With unfilled orders	245,959	244,091	243,930	0.8	0.1	0.2	247,396	243,294	245,893	228,972	8.0
Durable goods industries	312,753	311,315	311,110	0.5	0.1	0.1	314,541	310,337	313,882	293,790	7.1
Wood products	10,642	10,781	10,934	-1.3	-1.4	-0.6	10,632	10,974	11,160	11,547	-7.9
Nonmetallic mineral products	12,009	11,983	11,973	0.2	0.1	0.3	12,262	12,212	12,223	11,376	7.8
Primary metals	31,665	31,385	31,055	0.9	1.1	-0.3	31,747	31,304	31,196	27,858	14.0
Iron and steel mills	18,092	17,882	17,665	1.2	1.2	-0.7	17,935	17,645	17,645	15,521	15.6
Aluminum and nonferrous metals	11,087	11,023	10,932	0.6	0.8	0.2	11,244	11,098	11,033	10,063	11.7
Ferrous metal foundries	2,486	2,480	2,458	0.2	0.9	0.0	2,568	2,561	2,518	2,274	12.9
Fabricated metal products	41,701	41,592	41,533	0.3	0.1	-0.1	42,222	42,141	42,184	39,114	7.9
Machinery	50,183	50,201	50,195	0.0	0.0	0.7	50,502	50,440	50,966	47,071	7.3
Farm machinery	2,324	2,334	2,328	-0.4	0.3	4.4	2,351	2,509	2,535	2,264	3.8
Construction machinery	4,933	4,904	4,807	0.6	2.0	1.4	5,001	4,998	4,876	4,435	12.8
Mining, oil field, and gas field machinery	3,649	3,622	3,594	0.7	0.8	0.3	3,690	3,634	3,597	2,952	25.0
Industrial machinery	7,700	7,775	7,863	-1.0	-1.1	-1.4	7,647	7,843	7,999	6,973	9.7
Photographic equipment	1,249	1,232	1,217	1.4	1.2	-1.9	1,268	1,201	1,223	1,237	2.5
Ventilation, heating, air-conditioning, and refrigeration equipment	4,514	4,412	4,340	2.3	1.7	0.6	4,680	4,446	4,414	4,302	8.8
Metalworking machinery	4,072	4,030	4,028	1.0	0.0	0.6	4,075	3,994	4,014	4,516	-9.8
Turbines, generators, and other power transmission equipment	5,626	5,787	5,779	-2.8	0.1	1.7	5,551	5,596	5,797	5,099	8.9
Material handling equipment	2,879	2,829	2,909	1.8	-2.8	1.2	2,911	2,844	2,954	2,615	11.3
Computers and electronic products	44,001	44,128	44,517	-0.3	-0.9	-0.4	43,918	42,895	44,702	41,654	5.4
Computers	1,068	1,170	1,124	-8.7	4.1	-2.9	1,011	1,127	1,109	967	4.6
Computer storage devices	1,334	1,303	1,299	2.4	0.3	1.0	1,343	1,165	1,325	1,158	16.0
Other peripheral equipment	2,090	2,086	2,140	0.2	-2.5	-0.8	2,096	1,973	2,147	2,099	-0.1
Nondefense communications equipment	6,380	6,406	6,646	-0.4	-3.6	-1.5	6,331	6,165	6,793	7,021	-9.8
Defense communications equipment	806	795	799	1.4	-0.5	-2.1	828	793	795	845	-2.0
Audio and video equipment	1,146	1,218	1,222	-5.9	-0.3	-3.3	1,002	1,026	1,106	849	18.0
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components	7,297	7,151	7,317	2.0	-2.3	-0.3	7,353	6,966	7,315	6,658	10.4
Nondefense search and navigation equipment	3,041	3,003	2,926	1.3	2.6	1.4	3,077	2,986	2,919	2,623	17.3
Defense search and navigation equipment	2,461	2,515	2,485	-2.1	1.2	-0.6	2,482	2,481	2,494	2,564	-3.2
Electromedical, measuring and control instruments	10,826	10,854	10,986	-0.3	-1.2	0.1	10,835	10,712	11,165	10,131	6.9
Electrical equipment, appliances, and components	14,456	14,365	14,381	0.6	-0.1	-0.2	14,771	14,484	14,678	13,683	8.0
Electric lighting equipment	2,026	1,925	1,906	5.2	1.0	0.6	2,079	1,913	1,936	1,826	13.9
Household appliances	1,703	1,685	1,674	1.1	0.7	-0.8	1,803	1,682	1,725	1,858	-3.0
Electrical equipment	5,244	5,211	5,195	0.6	0.3	-0.8	5,309	5,241	5,312	4,607	15.2
Batteries	486	481	487	1.0	-1.2	-5.3	496	482	483	598	-17.1
Transportation equipment	77,111	75,771	75,314	1.8	0.6	0.4	77,508	75,253	75,704	71,728	8.1
Automobiles	2,313	2,370	2,359	-2.4	0.5	-1.4	2,323	2,272	2,386	2,254	3.1
Light trucks and utility vehicles	2,975	2,960	2,886	0.5	2.6	1.9	3,073	2,900	2,850	2,794	10.0
Heavy duty trucks	1,463	1,489	1,357	-1.7	9.7	-2.2	1,450	1,501	1,372	1,382	4.9
Motor vehicle bodies, parts, and trailers	18,505	18,423	18,964	0.4	-2.9	0.3	18,682	18,538	19,181	18,371	1.7
Nondefense aircraft and parts	29,742	28,888	28,057	3.0	3.0	1.4	29,794	28,518	28,155	24,914	19.6
Defense aircraft and parts	12,691	12,541	12,356	1.2	1.5	-0.4	12,695	12,484	12,352	12,157	4.4
Ships and boats	2,389	2,362	2,400	1.1	-1.6	-0.9	2,399	2,428	2,455	2,728	-12.1
Furniture and related products	8,723	8,778	8,930	-0.6	-1.7	0.1	8,690	8,631	8,761	8,680	0.1
Miscellaneous durable goods	22,262	22,331	22,278	-0.3	0.2	0.4	22,289	22,003	22,308	21,079	5.7
Nondurable goods industries	200,746	199,783	199,071	0.5	0.4	0.0	201,479	198,883	198,732	198,996	1.2
Food products	35,821	35,490	35,386	0.9	0.3	-0.1	35,048	34,890	35,521	33,226	5.5
Grain and oilseed milling	4,044	4,001	3,975	1.1	0.7	-1.4	4,013	4,054	4,152	3,596	11.6
Dairy products	4,306	4,253	4,228	1.2	0.6	0.6	4,475	4,263	4,240	4,275	4.7
Meat, poultry, and seafood products	6,929	6,900	6,820	0.4	1.2	0.1	6,974	6,945	6,842	6,534	6.7
Beverage and tobacco products	14,612	14,569	14,493	0.3	0.5	0.1	14,622	14,715	14,761	14,404	1.5
Beverages	10,486	10,400	10,295	0.8	1.0	0.4	10,545	10,494	10,426	10,079	4.6
Tobacco	4,126	4,169	4,198	-1.0	-0.7	-0.4	4,077	4,221	4,335	4,325	-5.7
Textile mills	3,787	3,833	3,917	-1.2	-2.1	-0.7	3,830	3,824	3,974	4,300	-10.9
Textile products	3,465	3,497	3,549	-0.9	-1.5	-0.7	3,470	3,474	3,568	3,681	-5.7
Apparel	3,840	3,811	3,811	0.8	0.0	-0.1	3,792	3,700	3,768	4,098	-7.5
Leather and allied products	899	899	902	0.0	-0.3	0.2	875	873	905	787	11.2
Paper products	15,449	15,393	15,489	0.4	-0.6	0.0	15,632	15,506	15,631	15,603	0.2
Pulp, paper, and paperboard mills	7,162	7,163	7,141	0.0	0.3	-0.4	7,271	7,253	7,219	7,053	3.1
Paperboard containers	3,981	3,920	3,995	1.6	-1.9	1.0	3,989	3,915	4,051	4,077	-2.2
Printing	6,627	6,693	6,774	-1.0	-1.2	0.7	6,494	6,520	6,556	6,574	-1.2
Petroleum and coal products	33,915	33,270	32,414	1.9	2.6	1.5	34,533	32,243	30,793	33,897	1.9
Petroleum refineries	31,105	30,433	29,521	2.2	3.1	1.6	31,714	29,423	28,000	31,363	1.1
Chemical products	62,177	62,186	62,276	0.0	-0.1	-0.6	62,497	62,454	62,689	61,672	1.3
Pesticides, fertilizers, and other agricultural chemicals	2,538	2,439	2,415	4.1	1.0	-0.7	2,664	2,778	2,894	2,674	-0.4
Pharmaceuticals and medicines	23,790	24,119	24,644	-1.4	-2.1	-0.3	23,765	23,904	24,294	23,025	3.2
Paints, coatings, and adhesives	3,003	3,000	3,040	0.1	-1.3	0.7	3,064	3,082	3,124	3,070	-0.2
Plastics and rubber products	20,154	20,142	20,060	0.1	0.4	-0.6	20,686	20,684	20,566	20,754	-0.3

^P Preliminary^r Revised

NA Not available.

¹ Inventories for semiconductor industry data are included in computers and electronic products and total durable goods industries, but are not shown separately.

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

Table 5. Value of Manufacturers' Shipments, New Orders, Unfilled Orders, and Total Inventories for Topical Series ¹

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted ²						
	Monthly			Percent Change			Monthly				Year to date		Percent Change ⁶ 2007/ 2006
	Apr. 2007 ^p	Mar. 2007 ^r	Feb. 2007	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2007 ^p	Mar. 2007 ^r	Feb. 2007	Apr. 2006	2007 ^p	2006	
SHIPMENTS													
All manufacturing industries	412,730	409,337	400,864	0.8	2.1	-0.6	407,047	432,536	378,463	399,072	1,590,103	1,606,996	-1.1
Construction materials and supplies.....	43,314	42,962	42,509	0.8	1.1	-0.5	43,185	44,292	38,718	43,075	164,301	171,105	-4.0
Information technology.....	26,146	25,977	26,113	0.7	-0.5	2.0	23,648	29,875	23,546	23,658	98,236	98,274	0.0
Computers and related products	5,141	5,171	5,571	-0.6	-7.2	5.4	4,675	6,101	4,789	5,250	19,812	21,675	-8.6
Motor vehicle and parts.....	38,455	39,508	38,586	-2.7	2.4	0.5	38,360	44,719	38,975	38,614	157,726	166,572	-5.3
Capital goods.....	73,779	72,949	72,112	1.1	1.2	-0.2	71,031	82,391	67,391	69,252	282,950	282,717	0.1
Nondefense capital goods ³	65,686	64,912	63,832	1.2	1.7	-0.5	63,311	73,604	59,275	61,508	251,628	252,452	-0.3
Excluding aircraft.....	60,519	59,916	58,991	1.0	1.6	0.6	58,851	67,233	54,747	58,352	232,990	235,763	-1.2
Defense capital goods ⁴	8,093	8,037	8,280	0.7	-2.9	1.7	7,720	8,787	8,116	7,744	31,322	30,265	3.5
Consumer goods.....	162,111	162,875	157,376	-0.5	3.5	0.7	159,523	165,991	148,347	159,034	620,261	634,118	-2.2
Consumer durable goods.....	34,568	33,981	33,495	1.7	1.5	0.6	33,759	38,064	32,768	32,751	134,507	140,446	-4.2
Consumer nondurable goods.....	127,543	128,894	123,881	-1.0	4.0	0.7	125,764	127,927	115,579	126,283	485,754	493,672	-1.6
NEW ORDERS													
All manufacturing industries ⁵	418,043	416,759	400,493	0.3	4.1	0.5	411,284	441,840	381,314	401,214	1,611,563	1,621,980	-0.6
Construction materials and supplies.....	43,227	42,875	43,469	0.8	-1.4	0.3	43,616	45,105	40,114	44,128	168,212	175,104	-3.9
Information technology.....	26,856	26,090	25,878	2.9	0.8	2.5	24,341	30,329	24,252	24,200	101,079	104,482	-3.3
Computers and related products	4,970	5,379	5,488	-7.6	-2.0	5.0	4,504	6,309	4,706	5,169	19,707	21,320	-7.6
Motor vehicle and parts.....	38,586	39,533	38,495	-2.4	2.7	0.2	38,334	44,347	38,960	39,131	157,929	168,502	-6.3
Capital goods.....	86,037	86,021	76,452	0.0	12.5	3.6	81,856	96,883	73,224	73,928	321,141	308,072	4.2
Nondefense capital goods ³	78,279	78,375	68,845	-0.1	13.8	6.1	75,523	86,343	65,435	67,295	287,605	277,170	3.8
Excluding aircraft.....	63,146	61,855	59,132	2.1	4.6	-2.4	62,054	69,380	57,335	59,963	245,524	247,972	-1.0
Defense capital goods ⁴	7,758	7,646	7,607	1.5	0.5	-14.4	6,333	10,540	7,789	6,633	33,536	30,902	8.5
Consumer goods.....	162,396	162,714	157,521	-0.2	3.3	0.6	159,802	165,598	148,605	159,169	621,030	634,191	-2.1
Consumer durable goods.....	34,853	33,820	33,640	3.1	0.5	0.2	34,038	37,671	33,026	32,886	135,276	140,519	-3.7
Consumer nondurable goods.....	127,543	128,894	123,881	-1.0	4.0	0.7	125,764	127,927	115,579	126,283	485,754	493,672	-1.6
UNFILLED ORDERS													
All manufacturing industries ⁵	719,064	706,081	693,326	1.8	1.8	0.8	729,922	718,354	703,374	609,017	(X)	(X)	19.9
Construction materials and supplies.....	46,251	46,338	46,425	-0.2	-0.2	2.1	47,049	46,618	45,805	44,531	(X)	(X)	5.7
Information technology.....	108,903	108,193	108,080	0.7	0.1	-0.2	110,775	110,082	109,628	99,990	(X)	(X)	10.8
Computers and related products	3,302	3,473	3,265	-4.9	6.4	-2.5	3,302	3,473	3,265	3,255	(X)	(X)	1.4
Motor vehicle and parts.....	20,802	20,671	20,646	0.6	0.1	-0.4	21,170	21,196	21,568	19,855	(X)	(X)	6.6
Capital goods.....	534,129	521,871	508,799	2.3	2.6	0.9	542,081	531,256	516,764	436,442	(X)	(X)	24.2
Nondefense capital goods ³	390,573	377,980	364,517	3.3	3.7	1.4	394,668	382,456	369,717	301,856	(X)	(X)	30.7
Excluding aircraft.....	174,090	171,463	169,524	1.5	1.1	0.1	177,454	174,251	172,104	151,266	(X)	(X)	17.3
Defense capital goods ⁴	143,556	143,891	144,282	-0.2	-0.3	-0.5	147,413	148,800	147,047	134,586	(X)	(X)	9.5
Consumer goods.....	9,424	9,139	9,300	3.1	-1.7	1.6	9,428	9,149	9,542	8,865	(X)	(X)	6.4
Consumer durable goods.....	9,424	9,139	9,300	3.1	-1.7	1.6	9,428	9,149	9,542	8,865	(X)	(X)	6.4
TOTAL INVENTORIES													
All manufacturing industries	513,499	511,098	510,181	0.5	0.2	0.1	516,020	509,220	512,614	492,786	(X)	(X)	4.7
Construction materials and supplies.....	59,111	58,967	59,178	0.2	-0.4	0.1	59,860	59,804	60,222	57,529	(X)	(X)	4.1
Information technology.....	35,874	36,129	36,440	-0.7	-0.9	-0.5	35,827	35,254	36,763	34,779	(X)	(X)	3.0
Computers and related products	4,492	4,559	4,563	-1.5	-0.1	-0.8	4,450	4,265	4,581	4,224	(X)	(X)	5.4
Motor vehicle and parts.....	25,256	25,242	25,566	0.1	-1.3	0.2	25,528	25,211	25,789	24,801	(X)	(X)	2.9
Capital goods.....	137,177	136,578	136,087	0.4	0.4	0.3	137,559	135,662	137,189	128,939	(X)	(X)	6.7
Nondefense capital goods ³	120,186	120,054	119,373	0.1	0.6	0.4	120,539	119,179	120,447	111,737	(X)	(X)	7.9
Excluding aircraft.....	97,194	97,466	97,729	-0.3	-0.3	0.1	97,582	96,831	98,723	92,040	(X)	(X)	6.0
Defense capital goods ⁴	16,991	16,524	16,714	2.8	-1.1	-0.6	17,020	16,483	16,742	17,202	(X)	(X)	-1.1
Consumer goods.....	155,857	155,332	154,877	0.3	0.3	0.2	155,724	152,976	153,582	151,899	(X)	(X)	2.5
Consumer durable goods.....	29,534	29,690	29,741	-0.5	-0.2	0.2	29,528	29,113	29,880	28,709	(X)	(X)	2.9
Consumer nondurable goods.....	126,323	125,642	125,136	0.5	0.4	0.2	126,196	123,863	123,702	123,190	(X)	(X)	2.4

^p Preliminary ^r Revised X Not Applicable.

¹ Topical series are regroupings of the separate industry categories.

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

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

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

⁵ Estimates and percent changes exclude semiconductor industry data.

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

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

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

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Apr. 07/06
	Apr. 2007 ^P	Mar. 2007 ^r	Feb. 2007	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2007 ^P	Mar. 2007 ^r	Feb. 2007	Apr. 2006	
MATERIALS AND SUPPLIES											
All manufacturing industries.....	176,343	175,025	174,935	0.8	0.1	0.0	176,215	174,024	175,118	169,720	3.8
Durable goods industries.....	107,940	107,174	107,073	0.7	0.1	-0.3	107,390	106,178	107,463	100,660	6.7
Wood products.....	4,078	4,100	4,173	-0.5	-1.7	-0.5	3,788	3,981	4,263	4,128	-8.2
Nonmetallic mineral products.....	4,633	4,592	4,549	0.9	0.9	-0.2	4,602	4,587	4,554	4,185	10.0
Primary metals.....	12,222	12,071	11,928	1.3	1.2	-2.3	11,966	11,772	11,744	10,427	14.8
Fabricated metal products.....	16,298	16,295	16,217	0.0	0.5	0.1	16,350	16,434	16,504	14,830	10.2
Machinery.....	19,542	19,493	19,333	0.3	0.8	0.0	19,621	19,321	19,397	17,499	12.1
Computers and electronic products	16,831	16,642	16,692	1.1	-0.3	-0.9	16,625	16,331	16,753	15,663	6.1
Electrical equipment, appliances, and components.....	5,968	5,975	5,968	-0.1	0.1	0.1	6,021	5,982	6,082	5,585	7.8
Transportation equipment.....	16,990	16,704	16,936	1.7	-1.4	1.0	17,044	16,637	16,927	17,358	-1.8
Furniture and related products.....	3,911	3,802	3,806	2.9	-0.1	-0.9	3,910	3,785	3,777	3,842	1.8
Miscellaneous products.....	7,467	7,500	7,471	-0.4	0.4	-0.1	7,463	7,348	7,462	7,143	4.5
Nondurable goods industries.....	68,403	67,851	67,862	0.8	0.0	0.4	68,825	67,846	67,655	69,060	-0.3
Food products.....	12,596	12,358	12,542	1.9	-1.5	-0.2	12,545	12,334	12,730	11,890	5.5
Beverage and tobacco products.....	4,616	4,647	4,661	-0.7	-0.3	-0.1	4,596	4,672	4,758	4,631	-0.8
Textiles.....	1,209	1,209	1,208	0.0	0.1	0.6	1,237	1,216	1,222	1,276	-3.1
Textile products.....	1,354	1,385	1,393	-2.2	-0.6	-0.3	1,343	1,378	1,377	1,419	-5.4
Apparel.....	1,064	1,069	1,075	-0.5	-0.6	0.1	1,072	1,064	1,085	1,116	-3.9
Leather and allied products.....	263	263	260	0.0	1.2	-0.4	259	254	258	236	9.7
Paper products.....	7,199	7,185	7,286	0.2	-1.4	0.0	7,224	7,254	7,341	7,328	-1.4
Printing.....	3,047	3,077	3,210	-1.0	-4.1	1.4	2,993	3,060	3,104	3,189	-6.1
Petroleum and coal products.....	11,683	11,087	10,874	5.4	2.0	3.5	12,064	10,883	10,326	12,084	-0.2
Chemical products.....	17,480	17,675	17,488	-1.1	1.1	-0.2	17,543	17,776	17,487	17,846	-1.7
Plastics and rubber products.....	7,892	7,896	7,865	-0.1	0.4	-0.8	7,949	7,955	7,967	8,045	-1.2
WORK IN PROCESS											
All manufacturing industries.....	146,859	146,069	145,737	0.5	0.2	0.1	147,552	145,413	146,128	137,146	7.6
Durable goods industries.....	110,341	109,478	109,583	0.8	-0.1	0.0	111,098	109,074	110,267	102,464	8.4
Wood products.....	2,261	2,267	2,272	-0.3	-0.2	1.7	2,263	2,266	2,271	2,383	-5.0
Nonmetallic mineral products.....	1,378	1,359	1,348	1.4	0.8	0.3	1,434	1,411	1,392	1,267	13.2
Primary metals.....	10,163	10,052	9,922	1.1	1.3	0.9	10,317	10,053	10,005	8,814	17.1
Fabricated metal products.....	11,624	11,470	11,496	1.3	-0.2	-0.7	11,705	11,457	11,593	10,964	6.8
Machinery.....	14,124	14,163	14,182	-0.3	-0.1	0.6	14,218	14,148	14,133	13,686	3.9
Computers and electronic products	16,281	16,668	17,243	-2.3	-3.3	-0.2	16,325	16,191	17,279	16,048	1.7
Electrical equipment, appliances, and components.....	3,048	3,026	3,035	0.7	-0.3	0.2	3,148	3,041	3,072	2,938	7.1
Transportation equipment.....	46,970	45,920	45,306	2.3	1.4	-0.2	47,148	45,959	45,751	41,555	13.5
Furniture and related products.....	1,308	1,376	1,470	-4.9	-6.4	0.7	1,308	1,370	1,459	1,513	-13.5
Miscellaneous products.....	3,184	3,177	3,309	0.2	-4.0	-1.6	3,232	3,178	3,312	3,296	-1.9
Nondurable goods industries.....	36,518	36,591	36,154	-0.2	1.2	0.5	36,454	36,339	35,861	34,682	5.1
Food products.....	3,035	3,027	3,024	0.3	0.1	0.8	2,857	2,900	3,042	2,368	20.7
Beverage and tobacco products.....	4,705	4,660	4,626	1.0	0.7	2.3	4,569	4,651	4,769	4,238	7.8
Textiles.....	864	866	928	-0.2	-6.7	-2.5	866	856	938	1,144	-24.3
Textile products.....	532	535	565	-0.6	-5.3	-0.5	539	531	573	652	-17.3
Apparel.....	665	649	644	2.5	0.8	2.5	689	637	646	705	-2.3
Leather and allied products.....	117	118	122	-0.8	-3.3	5.2	120	121	124	138	-13.0
Paper products.....	1,310	1,303	1,314	0.5	-0.8	0.3	1,318	1,300	1,308	1,348	-2.2
Printing.....	1,601	1,613	1,562	-0.7	3.3	-0.1	1,540	1,515	1,526	1,582	-2.7
Petroleum and coal products.....	8,770	8,565	7,867	2.4	8.9	3.6	9,059	8,670	7,580	7,122	27.2
Chemical products.....	12,497	12,859	13,125	-2.8	-2.0	-1.8	12,425	12,681	12,906	12,969	-4.2
Plastics and rubber products.....	2,422	2,396	2,377	1.1	0.8	0.2	2,472	2,477	2,449	2,416	2.3
FINISHED GOODS											
All manufacturing industries.....	190,297	190,004	189,509	0.2	0.3	0.1	192,253	189,783	191,368	185,920	3.4
Durable goods industries.....	94,472	94,663	94,454	-0.2	0.2	0.7	96,053	95,085	96,152	90,666	5.9
Wood products.....	4,303	4,414	4,489	-2.5	-1.7	-1.8	4,581	4,727	4,626	5,036	-9.0
Nonmetallic mineral products.....	5,998	6,032	6,076	-0.6	-0.7	0.5	6,226	6,214	6,277	5,924	5.1
Primary metals.....	9,280	9,262	9,205	0.2	0.6	1.1	9,464	9,479	9,447	8,617	9.8
Fabricated metal products.....	13,779	13,827	13,820	-0.3	0.1	0.1	14,167	14,250	14,087	13,320	6.4
Machinery.....	16,517	16,545	16,680	-0.2	-0.8	1.7	16,663	16,971	17,436	15,886	4.9
Computers and electronic products	10,889	10,818	10,582	0.7	2.2	0.0	10,968	10,373	10,670	9,943	10.3
Electrical equipment, appliances, and components.....	5,440	5,364	5,378	1.4	-0.3	-0.8	5,602	5,461	5,524	5,160	8.6
Transportation equipment.....	13,151	13,147	13,072	0.0	0.6	1.6	13,316	12,657	13,026	12,815	3.9
Furniture and related products.....	3,504	3,600	3,654	-2.7	-1.5	0.9	3,472	3,476	3,525	3,325	4.4
Miscellaneous products.....	11,611	11,654	11,498	-0.4	1.4	1.3	11,594	11,477	11,534	10,640	9.0
Nondurable goods industries.....	95,825	95,341	95,055	0.5	0.3	-0.5	96,200	94,698	95,216	95,254	1.0
Food products.....	20,190	20,105	19,820	0.4	1.4	-0.2	19,646	19,656	19,749	18,968	3.6
Beverage and tobacco products.....	5,291	5,262	5,206	0.6	1.1	-1.5	5,457	5,392	5,234	5,535	-1.4
Textiles.....	1,714	1,758	1,781	-2.5	-1.3	-0.6	1,727	1,752	1,814	1,880	-8.1
Textile products.....	1,579	1,577	1,591	0.1	-0.9	-1.1	1,588	1,565	1,618	1,610	-1.4
Apparel.....	2,111	2,093	2,092	0.9	0.0	-0.9	2,031	1,999	2,037	2,277	-10.8
Leather and allied products.....	519	518	520	0.2	-0.4	-0.6	496	498	523	413	20.1
Paper products.....	6,940	6,905	6,889	0.5	0.2	-0.1	7,090	6,952	6,982	6,927	2.4
Printing.....	1,979	2,003	2,002	-1.2	0.0	0.0	1,961	1,945	1,926	1,803	8.8
Petroleum and coal products.....	13,462	13,618	13,673	-1.1	-0.4	-1.1	13,410	12,690	12,887	14,691	-8.7
Chemical products.....	32,200	31,652	31,663	1.7	0.0	-0.3	32,529	31,997	32,296	30,857	5.4
Plastics and rubber products.....	9,840	9,850	9,818	-0.1	0.3	-0.6	10,265	10,252	10,150	10,293	-0.3

^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			
	Apr 2007 ^p	Mar 2007 ^r	Feb 2007	Jan 2007	Apr 2007 ^p	Mar 2007 ^r	Feb 2007	Jan 2007
All manufacturing industries ²	1.24	1.25	1.27	1.26	(X)	(X)	(X)	(X)
Durable goods industries ²	1.47	1.49	1.51	1.48	4.85	4.80	4.81	4.77
Wood products.....	1.38	1.41	1.46	1.41	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.23	1.22	1.24	1.24	(X)	(X)	(X)	(X)
Primary metals.....	1.57	1.59	1.62	1.60	1.38	1.38	1.41	1.40
Fabricated metal products.....	1.60	1.63	1.63	1.62	2.24	2.26	2.28	2.25
Machinery.....	1.79	1.85	1.91	1.95	3.16	3.29	3.34	3.43
Computers and electronic products ² ..	1.29	1.40	1.38	1.30	4.86	4.85	4.83	4.92
Electrical equipment, appliances, and components.....	1.29	1.31	1.35	1.35	2.28	2.30	2.34	2.36
Transportation equipment.....	1.37	1.33	1.35	1.32	11.09	10.58	10.52	10.15
Furniture and related products.....	1.25	1.25	1.29	1.28	1.22	1.19	1.21	1.18
Miscellaneous products.....	1.72	1.75	1.75	1.73	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.01	1.00	1.02	1.03	(X)	(X)	(X)	(X)
Food products.....	0.77	0.77	0.77	0.77	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.32	1.31	1.37	1.36	(X)	(X)	(X)	(X)
Textiles.....	1.31	1.32	1.31	1.28	(X)	(X)	(X)	(X)
Textile products.....	1.22	1.23	1.24	1.23	(X)	(X)	(X)	(X)
Apparel.....	1.39	1.39	1.40	1.40	(X)	(X)	(X)	(X)
Leather and allied products.....	1.62	1.58	1.61	1.65	(X)	(X)	(X)	(X)
Paper products.....	1.12	1.12	1.13	1.12	(X)	(X)	(X)	(X)
Printing.....	0.77	0.78	0.80	0.78	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.83	0.78	0.85	0.85	(X)	(X)	(X)	(X)
Chemical products.....	1.18	1.20	1.21	1.23	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.17	1.18	1.20	1.20	(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	
	Apr ¹ 2007	Apr ² 2006-Mar 2007	Apr ¹ 2007	Apr ² 2006-Mar 2007	Apr ¹ 2007	Apr ² 2006-Mar 2007	Apr ¹ 2007	Apr ² 2006-Mar 2007
All manufacturing industries.....	(X)	0.3	(X)	0.5	(X)	0.1	(X)	0.2
Durable goods industries.....	0.0	0.3	0.2	0.5	0.0	0.1	0.0	0.2
Wood products.....	(X)	1.5	(X)	(NA)	(X)	(NA)	(X)	0.5
Nonmetallic mineral products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.2
Primary metals.....	-0.1	0.6	-0.4	1.5	0.0	0.7	0.1	0.4
Fabricated metal products.....	-0.1	0.3	0.5	0.7	0.0	0.4	0.1	0.3
Machinery.....	0.0	0.4	0.2	1.1	0.1	0.5	0.2	0.3
Computers and electronic products	0.2	0.7	1.9	0.8	0.3	0.2	0.0	0.4
Electrical equipment, appliances, and components.....	0.0	0.7	-0.1	1.4	0.0	0.5	0.3	0.3
Transportation equipment.....	-0.4	0.6	-0.3	1.6	0.0	0.1	0.0	0.2
Furniture and related products.....	(X)	0.4	(X)	0.7	(X)	0.6	(X)	0.2
Miscellaneous products.....	(X)	0.6	(X)	0.8	(X)	0.9	(X)	0.3
Nondurable goods industries.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.3
Food products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.3
Beverage and tobacco products.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.3
Textiles.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.7
Textile products.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.3
Apparel.....	(X)	1.0	(X)	(NA)	(X)	(NA)	(X)	1.3
Leather and allied products.....	(X)	2.9	(X)	(NA)	(X)	(NA)	(X)	0.9
Paper products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.3
Printing.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.3
Petroleum and coal products.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	1.2
Chemical products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.2
Plastics and rubber products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.3

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>.