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

Summary

New orders for manufactured goods in March, up following two consecutive monthly decreases, increased \$5.9 billion or 1.4 percent to \$432.3 billion, the U.S. Census Bureau reported today. This followed a 0.9 percent February decrease.

Shipments, up two of the last three months, increased \$4.9 billion or 1.1 percent to \$428.7 billion. This followed a 1.9 percent February decrease.

Unfilled orders, up thirty-four of the last thirty-five months, increased \$8.9 billion or 1.1 percent to \$832.3 billion. This was at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 1.0 percent February increase. The unfilled orders-to-shipments ratio was 5.49, down from 5.50 in February.

Inventories, up thirteen of the last fourteen months, increased \$5.0 billion or 0.9 percent to \$544.3 billion. This was also at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 0.7 percent February increase. The inventories-to-shipments ratio was 1.27, unchanged from February.

New Orders

New orders for manufactured durable goods in March, up following two consecutive monthly decreases, increased \$0.3 billion or 0.1 percent to \$213.7 billion, revised from the previously published 0.3 percent decrease. This followed a 0.6 percent February decrease.

Machinery, up three of the last four months, had the largest increase, \$1.7 billion or 6.4 percent to \$28.9 billion.

New orders for manufactured nondurable goods increased \$5.6 billion or 2.6 percent to \$218.6 billion.

Shipments

Shipments of manufactured durable goods in March, down four of the last five months, decreased \$0.8 billion or 0.4 percent to \$210.1 billion, unchanged from the previously published decrease. This followed a 2.6 percent February decrease.

Transportation equipment, down four of the last five months, had the largest decrease, \$1.0 billion or 1.7 percent to \$54.2 billion.

Shipments of manufactured nondurable goods, up two of the last three months, increased \$5.6 billion or 2.6 percent to \$218.6 billion. This was also at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 1.1 percent February decrease. This increase was led by petroleum and coal products, which increased \$4.4 billion or 8.7 percent to \$55.0 billion. The petroleum and coal products were also at the highest level since the series was first stated on a NAICS basis in 1992.

Unfilled Orders

Unfilled orders for manufactured durable goods in March, up thirty-four of the last thirty-five months, increased \$8.9 billion or 1.1 percent to \$832.3 billion, revised from the previously published 0.9 percent increase. This was also at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 1.0 percent February increase.

Transportation equipment, up twenty-nine of the last thirty months, had the largest increase, \$7.7 billion or 1.6 percent to \$495.1 billion.

Inventories

Inventories of manufactured durable goods in March, up eight of the last nine months, increased \$3.1 billion or 1.0 percent to \$326.6 billion, revised from the previously published 1.1 percent increase. This was also at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 0.4 percent February increase.

Transportation equipment, up fourteen of the last fifteen months, had the largest increase, \$1.6 billion or 1.9 percent to \$85.5 billion.

Inventories of manufactured nondurable goods, up six of the last seven months, increased \$1.9 billion or 0.9 percent to \$217.7 billion. This was also at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 1.1 percent February increase. Petroleum and coal products drove the increase, up \$2.0 billion or 4.9 percent to \$43.6 billion.

By stage of fabrication, March materials and supplies increased 0.6 percent in durable goods and 0.2 percent in nondurable goods. Work in process increased 1.6 percent in durable goods and 0.5 percent in nondurable goods. Finished goods increased 0.6 percent in durable goods and 1.5 percent in nondurable goods.

Figures in text are in seasonally adjusted current dollars. Figures on new and unfilled orders exclude data for semiconductor manufacturing. For data, call (301) 763-4673 or go to <<http://www.census.gov/m3>>.

The advance report on durable goods for April is scheduled for release on May 28, 2008, at 8:30 a.m. EDT and the full report on June 3, 2008, at 10:00 a.m. EDT. The benchmark report is scheduled for release on May 16, 2008 at 10:00 a.m. EDT. See back page for benchmark notice and 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		
	Mar. 2008 ^p	Feb. 2008 ^r	Jan. 2008	Feb. - Mar.	Jan. - Feb.	Dec. - Jan.	Mar. 2008 ^p	Feb. 2008 ^r	Jan. 2008	Mar. 2007	2008 ^p	2007	Percent 2008/2007
All manufacturing industries	428,689	423,834	431,930	1.1	-1.9	1.1	442,467	411,172	399,085	432,536	1,252,724	1,183,056	5.9
Excluding transportation	374,493	368,683	374,314	1.6	-1.5	0.8	383,759	354,923	349,144	367,171	1,087,826	1,012,870	7.4
Excluding defense	416,183	412,403	421,175	0.9	-2.1	0.9	428,285	400,109	390,127	421,954	1,218,521	1,155,007	5.5
With unfilled orders	151,557	149,830	151,440	1.2	-1.1	1.9	162,321	146,058	136,101	161,208	444,480	428,148	3.8
Durable goods industries	210,096	210,866	216,582	-0.4	-2.6	2.3	223,503	206,499	195,019	229,573	625,021	615,083	1.6
Wood products.....	7,544	7,502	7,545	0.6	-0.6	-1.5	7,425	7,081	6,420	7,738	20,926	21,376	-2.1
Nonmetallic mineral products.....	8,764	8,788	8,828	-0.3	-0.5	-0.6	8,656	8,066	7,893	9,966	24,615	27,282	-9.8
Primary metals.....	21,201	20,860	20,664	1.6	0.9	1.2	22,024	21,202	20,528	20,998	63,754	59,389	7.3
Iron and steel mills.....	10,135	9,937	9,822	2.0	1.2	0.3	10,638	10,294	9,847	10,073	30,779	28,216	9.1
Aluminum and nonferrous metals.....	9,369	9,276	9,216	1.0	0.7	2.4	9,646	9,287	9,107	9,248	28,040	26,498	5.8
Ferrous metal foundries.....	1,697	1,647	1,626	3.0	1.3	0.6	1,740	1,621	1,574	1,677	4,935	4,675	5.6
Fabricated metal products.....	26,015	25,729	25,959	1.1	-0.9	1.5	26,306	25,064	24,293	26,779	75,663	74,984	0.9
Machinery.....	29,241	29,387	28,394	-0.5	3.5	-2.3	32,050	28,406	25,950	30,280	86,406	78,309	10.3
Farm machinery.....	2,061	1,973	2,081	4.5	-5.2	-1.2	2,613	2,218	1,841	2,230	6,672	5,710	16.8
Construction machinery.....	2,230	2,312	2,284	-3.5	1.2	-1.8	2,401	2,307	2,021	2,278	6,729	5,957	13.0
Mining, oil field, and gas field machinery.....	1,294	1,374	1,351	-5.8	1.7	0.9	1,421	1,332	1,256	1,354	4,009	3,659	9.6
Industrial machinery.....	3,309	3,131	3,473	5.7	-9.8	9.1	3,474	2,675	3,275	3,243	9,424	8,149	15.6
Photographic equipment.....	528	543	544	-2.8	-0.2	-3.5	548	494	442	703	1,484	1,780	-16.6
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,698	5,228	4,041	-10.1	29.4	5.0	4,979	4,716	3,382	4,302	13,077	10,756	21.6
Metalworking machinery.....	2,400	2,438	2,543	-1.6	-4.1	4.0	2,605	2,290	2,436	2,479	7,331	6,752	8.6
Turbines, generators, and other power transmission equipment.....	3,559	3,465	3,318	2.7	4.4	-23.3	3,797	3,490	3,180	3,828	10,467	9,414	11.2
Material handling equipment.....	2,809	2,606	2,330	7.8	11.8	-0.8	3,373	2,611	2,112	2,750	8,096	6,856	18.1
Computers and electronic products.....	32,605	32,936	36,769	-1.0	-10.4	8.4	36,720	30,923	31,751	35,988	99,394	94,834	4.8
Computers.....	3,643	3,535	3,638	3.1	-2.8	-1.5	3,853	3,099	3,157	3,417	10,109	9,479	6.6
Computer storage devices.....	690	654	650	5.5	0.6	9.1	1,060	458	398	918	1,916	1,665	15.1
Other peripheral equipment.....	1,441	1,427	1,457	1.0	-2.1	-5.0	1,840	1,259	1,032	1,766	4,131	3,993	3.5
Nondefense communications equipment.....	4,841	4,802	4,826	0.8	-0.5	-4.9	5,772	4,290	3,726	5,756	13,788	13,847	-0.4
Defense communications equipment.....	672	590	514	13.9	14.8	3.4	739	584	467	548	1,790	1,439	24.4
Audio and video equipment.....	741	729	822	1.6	-11.3	-2.7	719	690	747	837	2,156	2,522	-14.5
Semiconductors.....	5,262	5,936	8,719	-11.4	-31.9	35.5	5,299	6,141	8,402	5,676	19,842	19,289	2.9
Electronic components.....	4,099	4,069	4,233	0.7	-3.9	2.5	4,618	3,872	3,705	4,640	12,195	12,164	0.3
Nondefense search and navigation equipment.....	1,030	987	1,191	4.4	-17.1	13.9	1,137	959	1,034	1,008	3,130	2,632	18.9
Defense search and navigation equipment.....	2,648	2,519	2,642	5.1	-4.7	1.1	2,843	2,492	2,212	2,718	7,547	7,296	3.4
Electromedical, measuring, and control instruments.....	7,033	7,165	7,575	-1.8	-5.4	10.7	8,334	6,579	6,415	8,169	21,328	18,918	12.7
Electrical equipment, appliances, and components.....	10,844	10,771	10,916	0.7	-1.3	1.4	11,344	10,259	9,696	11,584	31,299	30,880	1.4
Electric lighting equipment.....	1,109	1,117	1,126	-0.7	-0.8	-2.7	1,168	1,118	988	1,282	3,274	3,511	-6.8
Household appliances.....	2,190	2,202	2,256	-0.5	-2.4	11.1	2,226	1,981	1,764	2,374	5,971	6,001	-0.5
Electrical equipment.....	3,618	3,571	3,558	1.3	0.4	2.3	3,940	3,493	3,353	3,799	10,786	10,054	7.3
Batteries.....	715	712	743	0.4	-4.2	-8.6	690	593	659	629	1,942	1,887	2.9
Transportation equipment.....	54,196	55,151	57,616	-1.7	-4.3	3.6	58,708	56,249	49,941	65,365	164,898	170,186	-3.1
Automobiles.....	6,202	6,936	7,236	-10.6	-4.1	1.8	6,565	7,300	6,949	8,357	20,814	22,116	-5.9
Light trucks and utility vehicles.....	9,034	10,274	10,735	-12.1	-4.3	-1.1	9,359	10,823	9,323	12,680	29,505	32,365	-8.8
Heavy duty trucks.....	1,390	1,300	1,374	6.9	-5.4	1.7	1,462	1,291	1,353	1,902	4,106	5,810	-29.3
Motor vehicle bodies, parts, and trailers.....	17,192	17,068	17,593	0.7	-3.0	-0.2	17,666	18,133	16,534	21,780	52,333	59,075	-11.4
Nondefense aircraft and parts.....	8,334	8,492	10,304	-1.9	-17.6	11.9	9,894	8,185	7,432	10,264	25,511	23,954	6.5
Defense aircraft and parts.....	5,415	4,743	3,640	14.2	30.3	11.5	6,208	4,319	2,867	3,730	13,394	9,592	39.6
Ships and boats.....	2,144	2,151	2,215	-0.3	-2.9	6.6	2,312	2,181	1,870	2,166	6,363	5,819	9.3
Furniture and related products.....	6,489	6,539	6,547	-0.8	-0.1	-2.3	6,419	6,551	6,203	7,153	19,173	20,581	-6.8
Miscellaneous durable goods.....	13,197	13,203	13,344	0.0	-1.1	1.6	13,851	12,698	12,344	13,722	38,893	37,262	4.4
Nondurable goods industries.....	218,593	212,968	215,348	2.6	-1.1	0.0	218,964	204,673	204,066	202,963	627,703	567,973	10.5
Food products.....	49,686	49,148	49,659	1.1	-1.0	0.7	50,321	48,546	48,158	46,687	147,025	134,815	9.1
Grain and oilseed milling.....	6,044	5,795	5,801	4.3	-0.1	0.0	6,124	5,866	5,716	5,138	17,706	14,886	18.9
Dairy products.....	7,337	7,393	7,527	-0.8	-1.8	1.7	7,409	6,985	7,402	6,509	21,796	18,639	16.9
Meat, poultry, and seafood products.....	14,591	14,329	14,473	1.8	-1.0	-0.2	14,489	14,318	13,933	13,767	42,740	40,331	6.0
Beverage and tobacco products.....	11,502	10,938	11,253	5.2	-2.8	0.3	11,383	10,368	10,273	11,055	32,024	30,726	4.2
Beverages.....	7,778	7,452	7,735	4.4	-3.7	0.1	7,659	6,882	6,755	7,239	21,296	19,983	6.6
Tobacco.....	3,724	3,486	3,518	6.8	-0.9	0.8	3,724	3,486	3,518	3,816	10,728	10,743	-0.1
Textile mills.....	2,838	2,798	2,853	1.4	-1.9	-1.5	2,945	2,880	2,669	3,043	8,494	8,847	-4.0
Textile products.....	2,587	2,588	2,618	0.0	-1.1	-1.4	2,660	2,586	2,340	2,960	7,586	8,349	-9.1
Apparel.....	2,669	2,741	2,816	-2.6	-2.7	-0.8	2,696	2,813	2,438	2,879	7,947	7,833	1.5
Leather and allied products.....	522	520	531	0.4	-2.1	-1.3	565	584	450	615	1,599	1,696	-5.7
Paper products.....	14,132	14,023	14,259	0.8	-1.7	1.6	14,188	13,779	14,218	13,966	42,185	40,753	3.5
Pulp, paper, and paperboard mills.....	6,680	6,673	6,885	0.1	-3.1	-0.2	6,773	6,613	6,944	6,641	20,330	19,268	5.5
Paperboard containers.....	4,070	4,003	4,013	1.7	-0.2	4.3	4,034	3,825	3,972	3,937	11,831	11,547	2.5
Printing.....	8,228	8,161	8,313	0.8	-1.8	-1.9	8,328	7,694	7,826	8,745	23,848	24,662	-3.3
Petroleum and coal products.....	55,022	50,635	51,242	8.7	-1.2	-1.2	51,906	46,189	46,821	40,057	144,916	107,899	34.3
Petroleum refineries.....	52,577	48,155	48,643	9.2	-1.0	-1.5	49,686	44,066	44,651	37,570	138,403	101,043	37.0
Chemical products.....	54,319	54,240	54,572	0.1	-0.6	0.2	56,732	52,655	52,440	55,142	161,827	152,754	5.9
Pesticides, fertilizers, and other agricultural chemicals.....	3,282	3,305	3,096	-0.7	6.8	1.5	4,342	3,269	2,698	3,523	10,309	7,898	30.5
Pharmaceuticals and medicines.....	13,118	13,534	13,328	-3.1	1.5	-5.0	13,435	13,067	13,194	14,775	39,696	42,488	-6.6
Paints, coatings, and adhesives.....	2,898	2,935	3,014	-1.3	-2.6	-0.6	2,959	2,768	2,662	3,078	8,389	8,269	1.5
Plastics and rubber products.....	17,088	17,176	17,232	-0.5	-0.3	0.9	17,240	16,579	16,433	17,814	50,252	49,639	1.2

^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		
	Mar. 2008 ^p	Feb. 2008 ^r	Jan. 2008	Feb. - Mar.	Jan. - Feb.	Dec. - Jan.	Mar. 2008 ^p	Feb. 2008 ^r	Jan. 2008	Mar. 2007	2008 ^p	2007	Percent 2008/ 2007
All manufacturing industries ²	432,314	426,408	430,072	1.4	-0.9	-2.3	449,483	415,751	406,483	441,840	1,271,717	1,200,279	6.0
Excluding transportation ²	370,446	362,473	368,119	2.2	-1.5	-0.3	381,291	352,273	349,046	364,640	1,082,610	1,009,604	7.2
Excluding defense ²	419,547	413,814	418,434	1.4	-1.1	-2.0	432,758	403,332	394,932	429,558	1,231,022	1,168,668	5.3
With unfilled orders ²	160,444	158,340	158,301	1.3	0.0	-5.8	174,636	156,778	151,901	176,188	483,315	464,660	4.0
Durable goods industries ²	213,721	213,440	214,724	0.1	-0.6	-4.4	230,519	211,078	202,417	238,877	644,014	632,306	1.9
Primary metals.....	21,303	21,206	20,970	0.5	1.1	0.8	22,290	22,013	21,681	21,335	65,984	60,842	8.5
Iron and steel mills.....	10,234	10,068	10,296	1.6	-2.2	2.1	10,942	10,675	10,891	10,411	32,508	29,343	10.8
Aluminum and nonferrous metals.....	9,383	9,444	9,085	-0.6	4.0	-0.5	9,633	9,619	9,163	9,266	28,415	26,688	6.5
Ferrous metal foundries.....	1,686	1,694	1,589	-0.5	6.6	0.6	1,715	1,719	1,627	1,658	5,061	4,811	5.2
Fabricated metal products.....	26,860	26,016	25,866	3.2	0.6	-3.8	28,541	25,829	24,940	27,694	79,310	78,143	1.5
Machinery.....	28,932	27,202	31,183	6.4	-12.8	0.0	31,686	27,511	31,178	31,927	90,375	84,766	6.6
Construction machinery.....	2,124	1,892	2,605	12.3	-27.4	20.7	2,259	2,047	2,921	3,355	7,227	7,259	-0.4
Mining, oil field, and gas field machinery.....	1,308	1,402	1,499	-6.7	-6.5	-6.1	1,400	1,451	1,373	1,252	4,224	3,279	28.8
Industrial machinery.....	3,247	3,250	3,946	-0.1	-17.6	9.9	3,327	2,965	4,472	3,791	10,764	10,037	7.2
Photographic equipment.....	508	460	739	10.4	-37.8	28.3	537	452	704	685	1,693	1,757	-3.6
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,006	3,202	5,057	25.1	-36.7	6.7	4,186	2,868	5,046	4,055	12,100	12,413	-2.5
Metalworking machinery.....	2,460	2,412	2,487	2.0	-3.0	-8.1	2,595	2,459	2,629	2,440	7,683	7,394	3.9
Turbines, generators, and other power transmission equipment.....	4,112	3,718	3,398	10.6	9.4	-24.2	4,431	3,835	3,168	3,864	11,434	9,524	20.1
Material handling equipment.....	2,744	2,650	2,566	3.5	3.3	11.9	3,380	2,918	2,471	2,885	8,769	7,434	18.0
Computers and electronic products ²	27,961	27,719	27,284	0.9	1.6	-2.7	32,234	26,299	23,666	30,681	82,199	77,891	5.5
Computers.....	3,707	3,685	3,078	0.6	19.7	-19.9	3,917	3,249	2,597	3,625	9,763	9,545	2.3
Nondefense communications equipment.....	4,785	4,945	4,582	-3.2	7.9	-13.7	5,769	5,024	3,880	5,360	14,673	14,465	1.4
Defense communications equipment.....	655	519	525	26.2	-1.1	-17.1	869	461	407	1,030	1,737	1,656	4.9
Semiconductors ²	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	4,293	4,254	4,233	0.9	0.5	9.4	4,676	4,224	3,861	4,359	12,761	12,573	1.5
Nondefense search and navigation equipment.....	916	1,028	1,152	-10.9	-10.8	23.5	941	1,076	1,233	1,025	3,250	2,953	10.1
Defense search and navigation equipment.....	2,703	2,560	2,928	5.6	-12.6	6.2	3,385	2,654	2,584	2,806	8,623	7,227	19.3
Electromedical, measuring, and control instruments.....	7,525	7,395	7,355	1.8	0.5	3.4	8,552	6,704	6,471	8,420	21,727	19,702	10.3
Electrical equipment, appliances, and components.....	10,951	11,676	11,360	-6.2	2.8	4.5	11,183	11,821	10,806	11,543	33,810	33,056	2.3
Electric lighting equipment.....	1,128	1,279	1,041	-11.8	22.9	-8.0	1,219	1,307	976	1,359	3,502	3,968	-11.7
Household appliances.....	2,310	2,241	2,125	3.1	5.5	6.6	2,217	2,111	1,835	2,209	6,163	6,303	-2.2
Electrical equipment.....	3,902	4,219	4,219	-7.5	0.0	23.9	4,090	4,471	4,249	4,024	12,810	11,235	14.0
Transportation equipment.....	61,868	63,935	61,953	-3.2	3.2	-12.3	68,192	63,478	57,437	77,200	189,107	190,675	-0.8
Motor vehicle bodies, parts, and trailers.....	16,978	16,745	17,174	1.4	-2.5	0.0	17,169	17,875	16,515	21,408	51,559	59,304	-13.1
Nondefense aircraft and parts.....	16,654	15,621	14,750	6.6	5.9	-30.3	18,769	13,550	13,092	21,644	45,411	40,507	12.1
Defense aircraft and parts.....	5,903	4,476	4,124	31.9	8.5	-32.5	7,065	4,014	4,351	3,048	15,430	8,677	77.8
Ships and boats.....	2,269	2,964	1,736	-23.4	70.7	5.5	2,431	2,999	2,237	2,312	7,667	7,610	0.7
Furniture and related products.....	6,719	6,537	6,455	2.8	1.3	-1.7	6,839	6,626	6,116	7,214	19,581	21,061	-7.0
Nondurable goods industries.....	218,593	212,968	215,348	2.6	-1.1	0.0	218,964	204,673	204,066	202,963	627,703	567,973	10.5

^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 Mar. 08/07
	Mar. 2008 ^p	Feb. 2008 ^r	Jan. 2008	Feb. - Mar.	Jan. - Feb.	Dec. - Jan.	Mar. 2008 ^p	Feb. 2008 ^r	Jan. 2008	Mar. 2007	
All manufacturing industries ¹	832,292	823,405	814,895	1.1	1.0	0.8	846,588	834,273	823,553	718,354	17.9
Excluding transportation ¹	337,241	336,026	336,300	0.4	-0.1	0.8	343,009	340,178	336,687	316,867	8.3
Excluding defense ¹	667,916	659,290	651,943	1.3	1.1	0.9	676,614	666,842	657,478	556,429	21.6
Durable goods industries ¹	832,292	823,405	814,895	1.1	1.0	0.8	846,588	834,273	823,553	718,354	17.9
Primary metals.....	28,265	28,163	27,817	0.4	1.2	1.1	29,270	29,004	28,193	28,145	4.0
Iron and steel mills.....	17,226	17,127	16,996	0.6	0.8	2.9	17,896	17,592	17,211	17,018	5.2
Aluminum and nonferrous metals.....	8,166	8,152	7,984	0.2	2.1	-1.6	8,423	8,436	8,104	8,165	3.2
Ferrous metal foundries.....	2,873	2,884	2,837	-0.4	1.7	-1.3	2,951	2,976	2,878	2,962	-0.4
Fabricated metal products.....	60,746	59,901	59,614	1.4	0.5	-0.2	61,526	59,291	58,526	56,284	9.3
Machinery.....	91,015	91,324	93,509	-0.3	-2.3	3.1	93,251	93,615	94,510	83,345	11.9
Construction machinery.....	9,775	9,881	10,301	-1.1	-4.1	3.2	10,405	10,547	10,807	11,103	-6.3
Mining, oil field, and gas field machinery.....	4,077	4,063	4,035	0.3	0.7	3.8	4,103	4,124	4,005	3,430	19.6
Industrial machinery.....	15,498	15,560	15,441	-0.4	0.8	3.2	15,684	15,831	15,541	14,319	9.5
Photographic equipment.....	1,635	1,655	1,738	-1.2	-4.8	12.6	1,681	1,692	1,734	1,519	10.7
Ventilation, heating, air-conditioning, and refrigeration equipment.....	13,924	14,616	16,642	-4.7	-12.2	6.5	14,180	14,973	16,821	11,113	27.6
Metalworking machinery.....	8,086	8,026	8,052	0.7	-0.3	-0.7	8,237	8,247	8,078	7,067	16.6
Turbines, generators, and other power transmission equipment.....	13,899	13,346	13,093	4.1	1.9	0.6	14,131	13,497	13,152	12,663	11.6
Material handling equipment.....	10,278	10,343	10,299	-0.6	0.4	2.3	10,699	10,692	10,385	9,429	13.5
Computers and electronic products ¹	118,708	118,090	117,371	0.5	0.6	-0.6	120,421	119,608	118,091	112,538	7.0
Computers.....	3,265	3,201	3,051	2.0	4.9	-15.5	3,265	3,201	3,051	3,473	-6.0
Nondefense communications equipment.....	28,126	28,182	28,039	-0.2	0.5	-0.9	28,520	28,523	27,789	27,151	5.0
Defense communications equipment.....	7,108	7,125	7,196	-0.2	-1.0	0.2	7,265	7,135	7,258	6,574	10.5
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	10,752	10,558	10,373	1.8	1.8	0.0	10,776	10,718	10,366	10,329	4.3
Nondefense search and navigation equipment.....	5,998	6,112	6,071	-1.9	0.7	-0.6	6,198	6,394	6,277	5,636	10.0
Defense search and navigation equipment.....	35,909	35,854	35,813	0.2	0.1	0.8	36,861	36,319	36,157	34,246	7.6
Electromedical, measuring, and control instruments.....	27,550	27,058	26,828	1.8	0.9	-0.8	27,536	27,318	27,193	25,129	9.6
Electrical equipment, appliances, and components.....	25,328	25,221	24,316	0.4	3.7	1.9	25,535	25,696	24,134	23,912	6.8
Electric lighting equipment.....	2,736	2,717	2,555	0.7	6.3	-3.2	2,727	2,676	2,487	2,574	5.9
Household appliances.....	829	709	670	16.9	5.8	-16.4	832	841	711	873	-4.7
Electrical equipment.....	16,583	16,299	15,651	1.7	4.1	4.4	16,625	16,475	15,497	14,111	17.8
Transportation equipment.....	495,051	487,379	478,595	1.6	1.8	0.9	503,579	494,095	486,866	401,487	25.4
Motor vehicle bodies, parts, and trailers.....	17,761	17,975	18,298	-1.2	-1.8	-2.2	18,138	18,635	18,893	21,196	-14.4
Nondefense aircraft and parts.....	328,432	320,112	312,983	2.6	2.3	1.4	332,221	323,346	317,981	235,103	41.3
Defense aircraft and parts.....	46,399	45,911	46,178	1.1	-0.6	1.1	48,262	47,405	47,710	44,108	9.4
Ships and boats.....	18,582	18,457	17,644	0.7	4.6	-2.6	19,488	19,369	18,551	19,558	-0.4
Furniture and related products.....	7,581	7,351	7,353	3.1	0.0	-1.2	7,408	6,988	6,913	7,268	1.9

^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 Mar. 08/07
	Mar. 2008 ^p	Feb. 2008 ^r	Jan. 2008	Feb. - Mar.	Jan. - Feb.	Dec. - Jan.	Mar. 2008 ^p	Feb. 2008 ^r	Jan. 2008	Mar. 2007	
All manufacturing industries	544,287	539,267	535,528	0.9	0.7	1.3	542,981	541,379	532,872	509,220	6.6
Excluding transportation	458,806	455,366	452,573	0.8	0.6	1.3	457,793	457,145	450,554	433,967	5.5
Excluding defense	520,814	515,907	512,507	1.0	0.7	1.4	519,539	517,985	510,066	488,619	6.3
With unfilled orders	259,986	256,794	255,094	1.2	0.7	0.7	259,490	258,736	254,641	243,294	6.7
Durable goods industries	326,632	323,492	322,085	1.0	0.4	0.5	326,093	326,422	321,485	310,337	5.1
Wood products	9,852	9,973	10,328	-1.2	-3.4	-1.2	9,945	10,158	10,358	10,974	-9.4
Nonmetallic mineral products	12,356	12,236	12,211	1.0	0.2	0.4	12,631	12,499	12,227	12,212	3.4
Primary metals	31,670	31,061	30,807	2.0	0.8	0.3	31,607	31,083	30,977	31,304	1.0
Iron and steel mills	18,060	17,644	17,500	2.4	0.8	1.2	17,845	17,543	17,587	17,645	1.1
Aluminum and nonferrous metals	11,092	10,875	10,752	2.0	1.1	-1.0	11,178	10,928	10,812	11,098	0.7
Ferrous metal foundries	2,518	2,542	2,555	-0.9	-0.5	-1.0	2,584	2,612	2,578	2,561	0.9
Fabricated metal products	42,217	42,233	42,315	0.0	-0.2	0.0	42,734	42,891	42,431	42,141	1.4
Machinery	53,589	52,911	52,610	1.3	0.6	0.8	53,953	53,806	52,618	50,440	7.0
Farm machinery	2,734	2,708	2,702	1.0	0.2	1.0	2,984	3,015	2,834	2,509	18.9
Construction machinery	5,239	5,207	5,166	0.6	0.8	1.4	5,337	5,294	5,106	4,998	6.8
Mining, oil field, and gas field machinery	4,053	4,043	4,023	0.2	0.5	0.5	4,064	4,046	3,984	3,634	11.8
Industrial machinery	7,752	7,627	7,635	1.6	-0.1	0.2	7,806	7,746	7,527	7,843	-0.5
Photographic equipment	1,090	1,091	1,093	-0.1	-0.2	-1.0	1,073	1,099	1,097	1,201	-10.7
Ventilation, heating, air-conditioning, and refrigeration equipment	4,649	4,640	4,625	0.2	0.3	1.0	4,702	4,702	4,490	4,446	5.8
Metalworking machinery	4,316	4,255	4,198	1.4	1.4	-2.8	4,283	4,217	4,117	3,994	7.2
Turbines, generators, and other power transmission equipment	6,737	6,438	6,372	4.6	1.0	3.3	6,533	6,457	6,416	5,596	16.7
Material handling equipment	3,163	3,135	3,098	0.9	1.2	2.2	3,175	3,181	3,136	2,844	11.6
Computers and electronic products	44,770	44,549	44,217	0.5	0.8	0.1	43,621	44,835	44,042	42,895	1.7
Computers	1,191	1,135	1,111	4.9	2.2	-4.0	1,160	1,116	1,047	1,127	2.9
Computer storage devices	1,485	1,428	1,384	4.0	3.2	-1.2	1,363	1,466	1,354	1,165	17.0
Other peripheral equipment	2,107	2,102	2,063	0.2	1.9	-0.2	2,005	2,129	2,040	1,973	1.6
Nondefense communications equipment	6,679	6,462	6,443	3.4	0.3	-0.8	6,443	6,587	6,552	6,165	4.5
Defense communications equipment	1,107	998	1,012	10.9	-1.4	4.8	1,104	988	981	793	39.2
Audio and video equipment	1,402	1,352	1,281	3.7	5.5	2.1	1,208	1,253	1,270	1,026	17.7
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components	7,278	7,339	7,218	-0.8	1.7	-0.1	7,101	7,363	7,238	6,966	1.9
Nondefense search and navigation equipment	3,533	3,518	3,486	0.4	0.9	1.3	3,509	3,506	3,433	2,986	17.5
Defense search and navigation equipment	2,591	2,582	2,619	0.3	-1.4	1.7	2,563	2,605	2,617	2,481	3.3
Electromedical, measuring and control instruments	10,970	10,897	10,897	0.7	0.0	-0.1	10,820	11,065	10,898	10,712	1.0
Electrical equipment, appliances, and components	15,330	15,281	15,128	0.3	1.0	1.6	15,522	15,679	15,239	14,484	7.2
Electric lighting equipment	1,854	1,902	1,905	-2.5	-0.2	0.4	1,868	1,961	1,900	1,913	-2.4
Household appliances	1,792	1,804	1,803	-0.7	0.1	-1.3	1,774	1,847	1,784	1,682	5.5
Electrical equipment	5,833	5,770	5,674	1.1	1.7	3.3	5,918	5,953	5,836	5,241	12.9
Batteries	536	523	517	2.5	1.2	2.0	550	521	501	482	14.1
Transportation equipment	85,481	83,901	82,955	1.9	1.1	1.2	85,188	84,234	82,318	75,253	13.2
Automobiles	2,353	2,390	2,516	-1.5	-5.0	6.5	2,256	2,430	2,630	2,272	-0.7
Light trucks and utility vehicles	2,611	2,540	2,485	2.8	2.2	-9.9	2,570	2,472	2,266	2,900	-11.4
Heavy duty trucks	1,495	1,467	1,452	1.9	1.0	-1.8	1,512	1,467	1,434	1,501	0.7
Motor vehicle bodies, parts, and trailers	17,132	17,101	17,297	0.2	-1.1	-0.3	17,256	17,321	17,405	18,538	-6.9
Nondefense aircraft and parts	37,198	35,766	35,133	4.0	1.8	3.7	36,950	35,787	34,691	28,518	29.6
Defense aircraft and parts	14,021	13,971	13,907	0.4	0.5	1.2	13,976	13,953	13,747	12,484	12.0
Ships and boats	2,395	2,340	2,344	2.4	-0.2	1.4	2,470	2,401	2,363	2,428	1.7
Furniture and related products	8,402	8,419	8,462	-0.2	-0.5	-0.4	8,259	8,265	8,399	8,631	-4.3
Miscellaneous durable goods	22,965	22,928	23,052	0.2	-0.5	0.4	22,633	22,972	22,876	22,003	2.9
Nondurable goods industries	217,655	215,775	213,443	0.9	1.1	2.4	216,888	214,957	211,387	198,883	9.1
Food products	38,248	38,026	37,732	0.6	0.8	1.3	37,518	38,086	37,704	34,890	7.5
Grain and oilseed milling	4,728	4,667	4,491	1.3	3.9	2.1	4,740	4,829	4,629	4,054	16.9
Dairy products	4,487	4,405	4,468	1.9	-1.4	-1.7	4,452	4,362	4,347	4,263	4.4
Meat, poultry, and seafood products	7,621	7,594	7,537	0.4	0.8	1.4	7,646	7,604	7,419	6,945	10.1
Beverage and tobacco products	14,830	14,872	14,760	-0.3	0.8	1.1	14,951	15,125	15,038	14,715	1.6
Beverages	11,022	10,960	10,893	0.6	0.6	1.3	11,056	11,001	10,964	10,494	5.4
Tobacco	3,808	3,912	3,867	-0.7	1.2	0.4	3,895	4,124	4,074	4,221	-7.7
Textile mills	3,846	3,823	3,824	0.6	0.0	-0.3	3,839	3,869	3,846	3,824	0.4
Textile products	3,478	3,474	3,490	0.1	-0.5	0.2	3,431	3,481	3,493	3,474	-1.2
Apparel	3,924	3,952	3,939	-0.7	0.3	0.6	3,781	3,898	3,903	3,700	2.2
Leather and allied products	896	902	892	-0.7	1.1	2.3	869	909	919	873	-0.5
Paper products	15,652	15,500	15,475	1.0	0.2	-1.7	15,830	15,639	15,505	15,506	2.1
Pulp, paper, and paperboard mills	7,132	7,063	7,062	1.0	0.0	-2.3	7,271	7,135	7,085	7,253	0.2
Paperboard containers	3,967	3,929	3,880	1.0	1.3	-0.4	3,981	3,987	3,930	3,915	1.7
Printing	6,749	6,677	6,477	1.1	3.1	-4.8	6,597	6,471	6,152	6,520	1.2
Petroleum and coal products	43,623	41,598	40,310	4.9	3.2	7.5	42,777	39,442	38,467	32,243	32.7
Petroleum refineries	40,960	38,881	37,642	5.3	3.3	7.9	40,115	36,722	35,895	29,423	36.3
Chemical products	65,034	65,633	65,411	-0.9	0.3	3.3	65,399	66,206	64,989	62,454	4.7
Pesticides, fertilizers, and other agricultural chemicals	2,763	2,722	2,620	1.5	3.9	-0.5	3,129	3,202	2,950	2,778	12.6
Pharmaceuticals and medicines	24,551	24,994	25,223	-1.8	-0.9	7.2	24,262	24,738	24,380	23,904	1.5
Paints, coatings, and adhesives	3,161	3,134	3,063	0.9	2.3	-0.1	3,296	3,167	3,062	3,082	6.9
Plastics and rubber products	21,375	21,318	21,133	0.3	0.9	0.3	21,896	21,831	21,371	20,684	5.9

^p Preliminary ^r Revised NA Not available.¹ Inventories for semiconductor industry data are included in computers and electronic products and total durable goods industries, but are not shown separately.

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

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

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted ²						
	Monthly			Percent Change			Monthly				Year to date		Percent Change ⁶ 2008/2007
	Mar. 2008 ^p	Feb. 2008 ^r	Jan. 2008	Feb. - Mar.	Jan. - Feb.	Dec. - Jan.	Mar. 2008 ^p	Feb. 2008 ^r	Jan. 2008	Mar. 2007	2008 ^p	2007	
SHIPMENTS													
All manufacturing industries	428,689	423,834	431,930	1.1	-1.9	1.1	442,467	411,172	399,085	432,536	1,252,724	1,183,056	5.9
Construction materials and supplies.....	42,107	42,553	41,724	-1.0	2.0	0.9	42,113	39,983	37,003	44,292	119,099	121,116	-1.7
Information technology.....	26,984	26,643	27,594	1.3	-3.4	1.4	30,671	24,478	23,018	29,875	78,167	74,588	4.8
Computers and related products	5,774	5,616	5,745	2.8	-2.2	-1.3	6,753	4,816	4,587	6,101	16,156	15,137	6.7
Motor vehicle and parts.....	33,818	35,578	36,938	-4.9	-3.7	0.0	35,052	37,547	34,159	44,719	106,758	119,366	-10.6
Capital goods.....	76,691	75,368	78,295	1.8	-3.7	2.5	85,421	72,295	67,689	82,391	225,405	211,919	6.4
Nondefense capital goods ³	67,034	66,563	69,346	0.7	-4.0	1.6	74,592	63,457	60,124	73,604	198,173	188,317	5.2
Excluding aircraft.....	62,283	61,609	62,662	1.1	-1.7	-0.4	68,826	58,652	56,011	67,233	183,489	174,139	5.4
Defense capital goods ⁴	9,657	8,805	8,949	9.7	-1.6	10.6	10,829	8,838	7,565	8,787	27,232	23,602	15.4
Consumer goods.....	174,645	171,498	174,117	1.8	-1.5	-0.5	174,190	166,300	163,364	165,991	503,854	460,738	9.4
Consumer durable goods.....	30,645	32,521	33,684	-5.8	-3.5	0.6	32,017	32,990	30,250	38,064	95,257	100,748	-5.5
Consumer nondurable goods.....	144,000	138,977	140,433	3.6	-1.0	-0.7	142,173	133,310	133,114	127,927	408,597	359,990	13.5
NEW ORDERS													
All manufacturing industries ⁵	432,314	426,408	430,072	1.4	-0.9	-2.3	449,483	415,751	406,483	441,840	1,271,717	1,200,279	6.0
Construction materials and supplies.....	41,897	40,997	42,548	2.2	-3.6	-0.4	42,812	38,845	38,725	45,105	120,382	124,596	-3.4
Information technology.....	27,072	27,150	27,022	-0.3	0.5	-4.5	31,062	25,866	23,596	30,329	80,524	76,738	4.9
Computers and related products	5,838	5,766	5,185	1.2	11.2	-13.2	6,817	4,966	4,027	6,309	15,810	15,203	4.0
Motor vehicle and parts.....	33,604	35,255	36,519	-4.7	-3.5	0.1	34,555	37,289	34,140	44,347	105,984	119,595	-11.4
Capital goods.....	84,890	85,005	84,689	-0.1	0.4	-8.6	95,829	82,296	79,426	96,883	257,551	239,285	7.6
Nondefense capital goods ³	75,583	75,153	74,878	0.6	0.4	-7.7	83,264	72,288	69,729	86,343	225,281	212,082	6.2
Excluding aircraft.....	62,704	63,369	64,145	-1.0	-1.2	-1.0	69,194	62,906	60,566	69,380	192,666	183,470	5.0
Defense capital goods ⁴	9,307	9,852	9,811	-5.5	0.4	-15.2	12,565	10,008	9,697	10,540	32,270	27,203	18.6
Consumer goods.....	174,469	171,257	173,835	1.9	-1.5	-0.5	173,858	166,168	163,416	165,598	503,442	461,228	9.2
Consumer durable goods.....	30,469	32,280	33,402	-5.6	-3.4	0.5	31,685	32,858	30,302	37,671	94,845	101,238	-6.3
Consumer nondurable goods.....	144,000	138,977	140,433	3.6	-1.0	-0.7	142,173	133,310	133,114	127,927	408,597	359,990	13.5
UNFILLED ORDERS													
All manufacturing industries ⁵	832,292	823,405	814,895	1.1	1.0	0.8	846,588	834,273	823,553	718,354	(X)	(X)	17.9
Construction materials and supplies.....	52,053	52,263	53,819	-0.4	-2.9	1.6	52,510	51,811	52,949	46,618	(X)	(X)	12.6
Information technology.....	114,771	114,683	114,176	0.1	0.4	-0.5	116,677	116,286	114,898	110,082	(X)	(X)	6.0
Computers and related products	3,265	3,201	3,051	2.0	4.9	-15.5	3,265	3,201	3,051	3,473	(X)	(X)	-6.0
Motor vehicle and parts.....	17,761	17,975	18,298	-1.2	-1.8	-2.2	18,138	18,635	18,893	21,196	(X)	(X)	-14.4
Capital goods.....	634,713	626,514	616,877	1.3	1.6	1.0	645,709	635,301	625,300	531,256	(X)	(X)	21.5
Nondefense capital goods ³	484,991	476,442	467,852	1.8	1.8	1.2	490,909	482,237	473,406	382,456	(X)	(X)	28.4
Excluding aircraft.....	186,475	186,054	184,294	0.2	1.0	0.8	189,274	188,906	184,652	174,251	(X)	(X)	8.6
Defense capital goods ⁴	149,722	150,072	149,025	-0.2	0.7	0.6	154,800	153,064	151,894	148,800	(X)	(X)	4.0
Consumer goods.....	8,999	9,175	9,416	-1.9	-2.6	-2.9	8,992	9,324	9,456	9,149	(X)	(X)	-1.7
Consumer durable goods.....	8,999	9,175	9,416	-1.9	-2.6	-2.9	8,992	9,324	9,456	9,149	(X)	(X)	-1.7
TOTAL INVENTORIES													
All manufacturing industries	544,287	539,267	535,528	0.9	0.7	1.3	542,981	541,379	532,872	509,220	(X)	(X)	6.6
Construction materials and supplies.....	58,852	58,947	59,210	-0.2	-0.4	-0.2	59,692	60,052	59,158	59,804	(X)	(X)	-0.2
Information technology.....	37,928	37,340	37,137	1.6	0.5	0.2	37,090	37,690	37,006	35,254	(X)	(X)	5.2
Computers and related products	4,783	4,665	4,558	2.5	2.3	-1.4	4,528	4,711	4,441	4,265	(X)	(X)	6.2
Motor vehicle and parts.....	23,591	23,498	23,750	0.4	-1.1	-0.8	23,594	23,690	23,735	25,211	(X)	(X)	-6.4
Capital goods.....	151,090	148,420	146,938	1.8	1.0	1.2	150,545	149,686	146,318	135,662	(X)	(X)	11.0
Nondefense capital goods ³	132,379	129,811	128,715	2.0	0.9	1.5	131,820	131,025	128,150	119,179	(X)	(X)	10.6
Excluding aircraft.....	103,023	101,828	101,229	1.2	0.6	0.6	102,551	103,029	101,010	96,831	(X)	(X)	5.9
Defense capital goods ⁴	18,711	18,609	18,223	0.5	2.1	-1.2	18,725	18,661	18,168	16,483	(X)	(X)	13.6
Consumer goods.....	169,591	167,599	166,297	1.2	0.8	3.0	167,201	165,665	163,941	152,976	(X)	(X)	9.3
Consumer durable goods.....	29,616	29,512	29,649	0.4	-0.5	-0.2	29,079	29,665	29,660	29,113	(X)	(X)	-0.1
Consumer nondurable goods.....	139,975	138,087	136,648	1.4	1.1	3.8	138,122	136,000	134,281	123,863	(X)	(X)	11.5

^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 Mar. 08/07
	Mar. 2008 ^p	Feb. 2008 ^f	Jan. 2008	Feb. - Mar.	Jan. - Feb.	Dec. - Jan.	Mar. 2008 ^p	Feb. 2008 ^f	Jan. 2008	Mar. 2007	
<u>MATERIALS AND SUPPLIES</u>											
All manufacturing industries.....	181,704	180,964	180,402	0.4	0.3	1.7	180,850	181,011	180,643	174,024	3.9
Durable goods industries.....	108,535	107,910	107,571	0.6	0.3	0.7	107,689	108,325	108,003	106,178	1.4
Wood products.....	3,829	3,861	4,014	-0.8	-3.8	-0.6	3,671	3,918	4,136	3,981	-7.8
Nonmetallic mineral products.....	4,885	4,833	4,814	1.1	0.4	3.0	4,912	4,843	4,818	4,587	7.1
Primary metals.....	11,825	11,825	11,698	0.3	1.1	0.9	11,595	11,674	11,758	11,772	-1.5
Fabricated metal products.....	15,873	15,946	16,232	-0.5	-1.8	0.9	16,005	16,222	16,339	16,434	-2.6
Machinery.....	20,163	19,915	19,780	1.2	0.7	0.2	20,004	19,985	19,920	19,321	3.5
Computers and electronic products.....	15,979	15,843	15,743	0.9	0.6	-0.8	15,687	15,860	15,662	16,331	-3.9
Electrical equipment, appliances, and components.....	6,425	6,350	6,255	1.2	1.5	2.3	6,489	6,500	6,354	5,982	8.5
Transportation equipment.....	18,007	17,951	17,660	0.3	1.6	1.4	17,962	17,964	17,650	16,637	8.0
Furniture and related products.....	3,891	3,810	3,815	2.1	-0.1	0.3	3,871	3,777	3,814	3,785	2.3
Miscellaneous products.....	7,624	7,576	7,560	0.6	0.2	0.4	7,493	7,582	7,552	7,348	2.0
Nondurable goods industries.....	73,169	73,054	72,831	0.2	0.3	3.3	73,161	72,686	72,640	67,846	7.8
Food products.....	13,849	13,649	13,540	1.5	0.8	2.1	13,841	13,814	13,841	12,334	12.2
Beverage and tobacco products.....	4,506	4,589	4,480	-1.8	2.4	1.2	4,533	4,713	4,684	4,672	-3.0
Textiles.....	1,253	1,255	1,258	-0.2	-0.2	0.2	1,259	1,266	1,269	1,216	3.5
Textile products.....	1,424	1,413	1,410	0.8	0.2	0.6	1,411	1,401	1,406	1,378	2.4
Apparel.....	1,095	1,083	1,068	1.1	1.4	-0.3	1,080	1,087	1,069	1,064	1.5
Leather and allied products.....	301	302	303	-0.3	-0.3	0.4	289	299	308	254	13.8
Paper products.....	7,261	7,273	7,368	-0.2	-1.3	2.3	7,360	7,334	7,420	7,254	1.5
Printing.....	3,354	3,203	3,096	4.7	3.5	-4.5	3,343	3,076	3,002	3,060	9.2
Petroleum and coal products.....	12,883	12,415	12,711	3.8	-2.3	10.9	12,617	11,612	11,977	10,883	15.9
Chemical products.....	19,014	19,672	19,434	-3.3	1.2	3.7	19,153	19,797	19,400	17,776	7.7
Plastics and rubber products.....	8,229	8,200	8,163	0.4	0.5	0.9	8,275	8,287	8,264	7,955	4.0
<u>WORK IN PROCESS</u>											
All manufacturing industries.....	164,812	162,630	159,944	1.3	1.7	2.2	164,699	163,012	158,724	145,413	13.3
Durable goods industries.....	122,767	120,806	119,406	1.6	1.2	1.1	122,465	121,425	118,735	109,074	12.3
Wood products.....	2,061	2,087	2,102	-1.2	-0.7	0.8	2,063	2,087	2,094	2,266	-9.0
Nonmetallic mineral products.....	1,358	1,383	1,352	-1.8	2.3	0.6	1,416	1,447	1,349	1,411	0.4
Primary metals.....	10,205	9,976	9,834	2.3	1.4	-0.1	10,225	9,999	9,855	10,053	1.7
Fabricated metal products.....	12,722	12,616	12,365	0.8	2.0	-1.7	12,691	12,648	12,312	11,457	10.8
Machinery.....	15,283	15,047	14,976	1.6	0.5	0.9	15,319	15,030	14,520	14,148	8.3
Computers and electronic products.....	17,980	18,018	17,839	-0.2	1.0	1.8	17,456	18,118	17,793	16,191	7.8
Electrical equipment, appliances, and components.....	3,213	3,207	3,199	0.2	0.3	2.6	3,235	3,264	3,191	3,041	6.4
Transportation equipment.....	55,370	53,883	53,075	2.8	1.5	1.7	55,506	54,247	53,032	45,959	20.8
Furniture and related products.....	1,275	1,305	1,298	-2.3	0.5	0.9	1,268	1,294	1,297	1,370	-7.4
Miscellaneous products.....	3,300	3,284	3,366	0.5	-2.4	2.6	3,286	3,291	3,292	3,178	3.4
Nondurable goods industries.....	42,045	41,824	40,538	0.5	3.2	5.5	42,234	41,587	39,989	36,339	16.2
Food products.....	2,672	2,705	2,719	-1.2	-0.5	5.5	2,591	2,754	2,902	2,900	-10.7
Beverage and tobacco products.....	4,318	4,338	4,371	-0.5	-0.8	1.4	4,333	4,493	4,586	4,651	-6.8
Textiles.....	788	785	793	0.4	-1.0	-0.5	781	788	799	856	-8.8
Textile products.....	437	439	436	-0.5	0.7	-0.9	434	448	437	531	-18.3
Apparel.....	595	604	617	-1.5	-2.1	-3.4	580	601	625	637	-8.9
Leather and allied products.....	101	102	99	-1.0	3.0	3.1	104	105	102	121	-14.0
Paper products.....	1,453	1,441	1,441	0.8	0.0	-5.6	1,453	1,431	1,437	1,300	11.8
Printing.....	1,463	1,486	1,456	-1.5	2.1	-7.6	1,388	1,456	1,324	1,515	-8.4
Petroleum and coal products.....	14,333	13,881	12,141	3.3	14.3	7.4	14,763	13,580	11,584	8,670	70.3
Chemical products.....	13,381	13,512	13,980	-1.0	-3.3	11.4	13,220	13,322	13,666	12,681	4.3
Plastics and rubber products.....	2,504	2,531	2,485	-1.1	1.9	-4.5	2,587	2,609	2,527	2,477	4.4
<u>FINISHED GOODS</u>											
All manufacturing industries.....	197,771	195,673	195,182	1.1	0.3	0.2	197,432	197,356	193,505	189,783	4.0
Durable goods industries.....	95,330	94,776	95,108	0.6	-0.3	-0.3	95,939	96,672	94,747	95,085	0.9
Wood products.....	3,962	4,025	4,212	-1.6	-4.4	-2.7	4,211	4,153	4,128	4,727	-10.9
Nonmetallic mineral products.....	6,113	6,020	6,045	1.5	-0.4	-1.7	6,303	6,209	6,060	6,214	1.4
Primary metals.....	9,606	9,260	9,275	3.7	-0.2	-0.3	9,787	9,410	9,364	9,479	3.2
Fabricated metal products.....	13,622	13,671	13,718	-0.4	-0.3	0.6	14,038	14,021	13,780	14,250	-1.5
Machinery.....	18,143	17,949	17,854	1.1	0.5	1.5	18,630	18,791	18,178	16,971	9.8
Computers and electronic products.....	10,811	10,688	10,635	1.2	0.5	-1.4	10,478	10,857	10,587	10,373	1.0
Electrical equipment, appliances, and components.....	5,692	5,724	5,674	-0.6	0.9	0.4	5,798	5,915	5,694	5,461	6.2
Transportation equipment.....	12,104	12,067	12,220	0.3	-1.3	-1.4	11,720	12,023	11,636	12,657	-7.4
Furniture and related products.....	3,236	3,304	3,349	-2.1	-1.3	-1.7	3,120	3,194	3,288	3,476	-10.2
Miscellaneous products.....	12,041	12,068	12,126	-0.2	-0.5	-0.3	11,854	12,099	12,032	11,477	3.3
Nondurable goods industries.....	102,441	100,897	100,074	1.5	0.8	0.6	101,493	100,684	98,758	94,698	7.2
Food products.....	21,727	21,672	21,473	0.3	0.9	0.3	21,086	21,518	20,961	19,656	7.3
Beverage and tobacco products.....	6,006	5,945	5,909	1.0	0.6	0.7	6,085	5,919	5,768	5,392	12.9
Textiles.....	1,805	1,783	1,773	1.2	0.6	-0.7	1,799	1,815	1,778	1,752	2.7
Textile products.....	1,617	1,622	1,644	-0.3	-1.3	0.2	1,586	1,632	1,650	1,565	1.3
Apparel.....	2,234	2,265	2,254	-1.4	0.5	4.1	2,121	2,210	2,209	1,999	6.1
Leather and allied products.....	494	498	490	-0.8	1.6	3.4	476	505	509	498	-4.4
Paper products.....	6,938	6,786	6,666	2.2	1.8	-5.0	7,017	6,874	6,648	6,952	0.9
Printing.....	1,932	1,988	1,925	-2.8	3.3	-2.9	1,866	1,939	1,826	1,945	-4.1
Petroleum and coal products.....	16,407	15,302	15,458	7.2	-1.0	4.9	15,397	14,250	14,906	12,690	21.3
Chemical products.....	32,639	32,449	31,997	0.6	1.4	-0.1	33,026	33,087	31,923	31,997	3.2
Plastics and rubber products.....	10,642	10,587	10,485	0.5	1.0	1.1	11,034	10,935	10,580	10,252	7.6

^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			
	Mar 2008 ^p	Feb 2008 ^r	Jan 2008	Dec 2007	Mar 2008 ^p	Feb 2008 ^r	Jan 2008	Dec 2007
All manufacturing industries ²	1.27	1.27	1.24	1.24	(X)	(X)	(X)	(X)
Durable goods industries ²	1.55	1.53	1.49	1.51	5.49	5.50	5.38	5.44
Wood products.....	1.31	1.33	1.37	1.36	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.41	1.39	1.38	1.37	(X)	(X)	(X)	(X)
Primary metals.....	1.49	1.49	1.49	1.51	1.33	1.35	1.35	1.35
Fabricated metal products.....	1.62	1.64	1.63	1.65	2.42	2.42	2.38	2.42
Machinery.....	1.83	1.80	1.85	1.80	3.42	3.41	3.64	3.46
Computers and electronic products ² ..	1.37	1.35	1.20	1.30	4.95	4.99	4.77	4.94
Electrical equipment, appliances, and components.....	1.41	1.42	1.39	1.38	2.50	2.51	2.39	2.40
Transportation equipment.....	1.58	1.52	1.44	1.47	13.18	13.30	12.51	13.06
Furniture and related products.....	1.29	1.29	1.29	1.27	1.31	1.27	1.27	1.25
Miscellaneous products.....	1.74	1.74	1.73	1.75	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.00	1.01	0.99	0.97	(X)	(X)	(X)	(X)
Food products.....	0.77	0.77	0.76	0.76	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.29	1.36	1.31	1.30	(X)	(X)	(X)	(X)
Textiles.....	1.36	1.37	1.34	1.33	(X)	(X)	(X)	(X)
Textile products.....	1.34	1.34	1.33	1.31	(X)	(X)	(X)	(X)
Apparel.....	1.47	1.44	1.40	1.38	(X)	(X)	(X)	(X)
Leather and allied products.....	1.72	1.73	1.68	1.62	(X)	(X)	(X)	(X)
Paper products.....	1.11	1.11	1.09	1.12	(X)	(X)	(X)	(X)
Printing.....	0.82	0.82	0.78	0.80	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.79	0.82	0.79	0.72	(X)	(X)	(X)	(X)
Chemical products.....	1.20	1.21	1.20	1.16	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.25	1.24	1.23	1.23	(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	
	Mar ¹ 2008	Mar ² 2007-Feb 2008	Mar ¹ 2008	Mar ² 2007-Feb 2008	Mar ¹ 2008	Mar ² 2007-Feb 2008	Mar ¹ 2008	Mar ² 2007-Feb 2008
All manufacturing industries.....	(X)	0.2	(X)	0.3	(X)	0.1	(X)	0.1
Durable goods industries.....	0.0	0.2	0.4	0.5	0.2	0.1	-0.1	0.1
Wood products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.7
Nonmetallic mineral products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.2
Primary metals.....	0.0	0.4	0.3	1.0	0.2	0.7	0.0	0.2
Fabricated metal products.....	0.3	0.3	1.5	0.6	0.6	0.2	-0.1	0.2
Machinery.....	-0.2	0.4	0.2	0.7	0.1	0.2	0.1	0.2
Computers and electronic products	0.1	1.0	-1.0	1.2	-0.3	0.3	0.2	0.2
Electrical equipment, appliances, and components.....	-0.1	0.5	0.4	1.3	0.2	0.6	0.1	0.4
Transportation equipment.....	0.2	0.4	1.4	1.2	0.3	0.1	-0.4	0.1
Furniture and related products.....	(X)	0.5	(X)	0.9	(X)	0.7	(X)	0.3
Miscellaneous products.....	(X)	0.3	(X)	0.4	(X)	0.6	(X)	0.2
Nondurable goods industries.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Food products.....	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.3
Beverage and tobacco products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.4
Textiles.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.4
Textile products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.3
Apparel.....	(X)	1.9	(X)	(NA)	(X)	(NA)	(X)	0.9
Leather and allied products.....	(X)	1.7	(X)	(NA)	(X)	(NA)	(X)	1.1
Paper products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.3
Printing.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.7
Petroleum and coal products.....	(X)	1.1	(X)	(NA)	(X)	(NA)	(X)	0.7
Chemical products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.3
Plastics and rubber products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.4

X Not Applicable

NA Not Available

¹ The current month revisions are the difference between the advance percent change and the percent change as shown in this publication.

² The twelve month revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the absolute values of the differences for the months specified. The advance to final percent change revisions for the durable goods industries are shown in the advance report for the month.

Survey Description

This report is compiled from results of the U.S. Census Bureau's Manufacturers' Shipments, Inventories, and Orders (M3) survey. This survey provides statistics on manufacturers' value of shipments, new orders (net of cancellations), end-of-month order backlog (unfilled orders), end-of-month total inventory (at current cost or market value), and inventories by stage of fabrication (materials and supplies, work-in-process, and finished goods). The M3 includes approximately 4,300 reporting units. Units may be divisions of diversified large companies, large homogenous companies, or single-unit manufacturers in 89 industry categories. Due to the small monthly sample, these 89 categories have been combined into 59 publication levels. The survey methodology assumes that the month-to-month changes of the total operations of those companies in the monthly survey effectively represent the month-to-month movements of all establishments that make up the category. The current coverage levels in the survey show that reported data in the monthly survey represent approximately 61 percent of the shipments estimates at the total manufacturing level. Data published represent manufacturing in a calendar month. The data collection is based on a voluntary survey authorized by Title 13 of the United States Code.

The data presented in this release are based on data obtained from a panel of 4,300 reporting units and provide an indication of the activity within the manufacturing sector. The results differ from what would be obtained from a complete enumeration of all manufacturing companies. In addition, a different panel of 4,300 companies would yield different results. The M3 panel is comprised of companies with \$500 million or more in shipments and a limited number of smaller companies. From a statistical perspective, the panel is not a probability sample; therefore, the sampling errors that are normally provided with sample surveys cannot be measured. Nonsampling errors are attributable to many sources. The use of company or divisional reports to estimate the monthly change for establishments is one source of nonsampling error. The use of primarily large companies to represent the month-to-month movement of all companies is another potential source. Any corrections in the data will be released in the next month's advance report. Any revisions made later than two months will be reflected in the annual benchmark publication.

Additional survey documentation can be found on our web site: <http://www.census.gov/m3>.

NOTICE

Revised historical data for Manufacturers' Shipments, Inventories, and Orders will be issued on May 16, 2008. These revisions reflect:

- benchmarking the shipments and inventory data to the 2006 Annual Survey of Manufactures (ASM) data;
- adjusting new orders and order backlog to be consistent with the benchmarked shipments and inventory data;
- correcting monthly data for late receipts, reclassifications of reported data, and revisions to previously reported data; and
- updating the seasonal adjustment factors for all series.

For revised historical data go to <http://www.census.gov/m3/hist/naicshist.htm>. An accompanying press release will include the revised 2008 January through March data. Please call Chris Savage on (301)763-4832 with questions.