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

Summary

New orders for manufactured goods in April, up two consecutive months, increased $5.0 billion or 1.1 percent to $445.2 billion, the U.S. Census Bureau reported today. This followed a 1.5 percent March increase.

Shipments, up three of the last four months, increased $9.6 billion or 2.2 percent to $443.9 billion. This was at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 1.1 percent March increase.

Unfilled orders, up twenty-six of the last twenty-seven months, increased $7.3 billion or 0.9 percent to $804.4 billion. This was also at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 1.3 percent March increase. The unfilled orders-to-shipments ratio was 5.29, down from 5.30 in March.

Inventories, down slightly following seven consecutive monthly increases, decreased $0.1 billion to $545.7 billion. This followed a 0.9 percent March increase. The inventories-to-shipments ratio was 1.23, down from 1.26 in March.

New Orders

New orders for manufactured durable goods in April, down three of the last four months, decreased $1.2 billion or 0.6 percent to $214.4 billion, revised from the previously published 0.5 percent decrease. This followed a 0.2 percent March decrease.

Transportation equipment, down three of the last four months, had the largest decrease, $4.8 billion or 7.9 percent to $56.1 billion.

New orders for manufactured nondurable goods increased $6.2 billion or 2.8 percent to $230.8 billion.

Shipments

Shipments of manufactured durable goods in April, up following two consecutive monthly decreases, increased $3.4 billion or 1.6 percent to $213.1 billion, revised from the previously published 1.2 percent increase. This followed a 0.9 percent March decrease.

Computers and electronic products, up following two consecutive monthly decreases, had the largest increase, $1.6 billion or 5.1 percent to $33.1 billion.

Shipments of manufactured nondurable goods, up two consecutive months, increased $6.2 billion or 2.8 percent to $230.8 billion. This was also at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 3.1 percent March increase. This increase was led by petroleum and coal products, which increased $3.6 billion or 6.2 percent to $62.0 billion. Petroleum and coal products was 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 April, up twenty-six of the last twenty-seven months, increased $7.3 billion or 0.9 percent to $804.4 billion, revised from the previously published 1.0 percent increase. This was also at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 1.3 percent March increase.

Machinery, up ten of the last eleven months, had the largest increase, $3.1 billion or 3.3 percent to $97.5 billion.

Inventories

Inventories of manufactured durable goods in April, up nine of the last ten months, increased $2.0 billion or 0.6 percent to $329.1 billion, revised from the previously published 0.5 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 March increase.

Transportation equipment, up nineteen of the last twenty months, had the largest increase, $0.7 billion or 0.8 percent to $85.5 billion.

Inventories of manufactured nondurable goods, down following five consecutive monthly increases, decreased $2.1 billion or 1.0 percent to $216.6 billion. This followed a 0.9 percent March increase. Petroleum and coal products drove the decrease, down $2.6 billion or 6.4 percent to $38.9 billion.

By stage of fabrication, April materials and supplies increased 0.6 percent in durable goods and decreased 0.1 percent in nondurable goods. Work in process increased 1.3 percent in durable goods and decreased 3.2 percent in nondurable goods. Finished goods decreased 0.2 percent in durable goods and 0.7 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 May is scheduled for release on June 25, 2008, at 8:30 a.m. EDT and the full report on July 2, 2008, 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. 2008[p]	Mar. 2008[r]	Feb. 2008	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2008[p]	Mar. 2008[r]	Feb. 2008	Apr. 2007	2008[p]	2007	Percent 2008/ 2007
All manufacturing industries	443,941	434,378	429,531	2.2	1.1	-1.9	444,955	447,025	417,428	414,836	1,714,345	1,619,780	5.8
Excluding transportation	389,822	380,974	373,829	2.3	1.9	-1.6	391,972	389,673	360,824	359,668	1,497,120	1,392,483	7.5
Excluding defense	432,074	423,061	418,313	2.1	1.1	-2.1	433,826	434,507	406,568	406,083	1,671,095	1,583,870	5.5
With unfilled orders	151,966	150,445	150,254	1.0	0.1	-0.7	150,894	160,637	146,327	145,990	594,264	576,871	3.0
Durable goods industries	213,129	209,778	211,772	1.6	-0.9	-1.9	212,605	222,176	207,105	210,551	836,950	831,452	0.7
Wood products	8,099	8,081	8,094	0.2	-0.2	-0.6	8,316	7,958	7,658	8,574	30,869	31,751	-2.8
Nonmetallic mineral products	9,219	9,174	9,160	0.5	0.2	-0.5	9,590	9,009	8,414	10,357	35,242	38,867	-9.3
Primary metals	21,991	21,346	21,012	3.0	1.6	1.3	23,305	22,113	21,228	20,809	87,196	80,127	8.8
Iron and steel mills	11,106	10,439	10,203	6.4	2.3	2.1	11,943	10,905	10,478	9,983	43,349	38,706	12.0
Aluminum and nonferrous metals	9,124	9,127	9,082	0.0	0.5	0.5	9,488	9,385	9,051	9,133	36,801	34,789	5.8
Ferrous metal foundries	1,761	1,780	1,727	-1.1	3.1	0.6	1,874	1,823	1,699	1,693	7,046	6,632	6.2
Fabricated metal products	27,699	27,249	26,815	1.7	1.6	-0.8	28,436	27,404	26,066	27,292	107,177	105,903	1.2
Machinery	28,665	29,040	29,216	-1.3	-0.6	4.1	30,058	31,856	28,313	28,991	116,119	106,898	8.6
Farm machinery	2,193	2,137	2,030	2.6	5.3	-5.9	2,996	2,683	2,280	2,525	9,851	8,373	17.7
Construction machinery	2,394	2,264	2,362	5.7	-4.1	1.9	2,564	2,458	2,374	2,085	9,476	8,231	15.1
Mining, oil field, and gas field machinery	1,526	1,431	1,517	6.6	-5.7	2.8	1,498	1,557	1,459	1,400	5,889	5,546	6.2
Industrial machinery	3,000	3,128	2,994	-4.1	4.5	-7.4	3,073	3,389	2,597	4,377	12,246	12,634	-3.1
Photographic equipment	568	557	552	2.0	0.9	0.5	550	577	500	622	2,074	2,501	-17.1
Ventilation, heating, air-conditioning, and refrigeration equipment	3,896	4,272	4,812	-8.8	-11.2	30.3	3,683	4,561	4,326	3,448	15,672	13,141	19.3
Metalworking machinery	2,459	2,337	2,389	5.2	-2.2	-3.5	2,309	2,518	2,244	2,198	9,459	8,818	7.3
Turbines, generators, and other power transmission equipment	3,681	3,585	3,481	2.7	3.0	4.8	4,050	3,816	3,510	3,365	14,563	12,754	14.2
Material handling equipment	2,514	2,901	2,671	-13.3	8.6	13.1	2,389	3,385	2,670	2,093	10,604	8,831	20.1
Computers and electronic products	33,090	31,476	31,733	5.1	-0.8	-8.8	30,220	35,514	29,690	30,137	125,421	123,860	1.3
Computers	2,855	3,304	3,449	-13.6	-4.2	-1.7	2,646	3,762	3,025	3,279	12,515	12,996	-3.7
Computer storage devices	717	721	709	-0.6	1.7	-0.1	373	1,067	494	307	2,363	2,107	12.1
Other peripheral equipment	1,487	1,390	1,354	7.0	2.7	-2.0	1,129	1,739	1,190	1,069	5,033	4,810	4.6
Nondefense communications equipment	4,893	5,109	5,054	-4.2	1.1	-1.4	4,158	6,046	4,495	4,492	18,607	19,001	-2.1
Defense communications equipment	645	691	662	-6.7	4.4	12.6	653	758	657	514	2,595	2,042	27.1
Audio and video equipment	789	672	680	17.4	-1.2	-7.0	652	641	624	669	2,592	2,946	-12.0
Semiconductors	5,981	4,416	4,672	35.4	-5.5	-31.2	6,339	4,272	4,878	6,417	22,152	23,184	-4.5
Electronic components	4,103	4,037	3,999	1.6	1.0	-2.9	3,697	4,510	3,789	3,661	15,622	15,619	0.0
Nondefense search and navigation equipment	938	954	946	-1.7	0.8	-17.5	889	1,063	924	1,016	3,872	3,725	3.9
Defense search and navigation equipment	2,604	2,719	2,660	-4.2	2.2	-4.1	2,546	2,927	2,640	2,569	10,461	10,389	0.7
Electromedical, measuring, and control instruments	7,501	6,912	7,022	8.5	-1.6	-5.4	6,644	8,172	6,472	5,680	27,599	24,978	10.5
Electrical equipment, appliances, and components	10,625	10,540	10,548	0.8	-0.1	-1.5	10,566	10,976	10,112	10,630	41,246	40,895	0.9
Electric lighting equipment	1,029	1,013	1,027	1.6	-1.4	-1.1	1,025	1,058	1,023	1,132	4,011	4,450	-9.9
Household appliances	1,968	1,949	1,951	1.0	-0.1	-4.0	1,936	1,993	1,770	2,279	7,280	7,566	-3.8
Electrical equipment	3,494	3,479	3,549	0.4	-2.0	0.0	3,412	3,712	3,471	3,243	13,927	13,261	5.0
Batteries	827	788	774	4.9	1.8	-0.9	790	766	664	570	2,957	2,451	20.6
Transportation equipment	54,119	53,404	55,702	1.3	-4.1	-3.2	52,983	57,352	56,604	55,168	217,225	227,297	-4.4
Automobiles	6,727	6,849	7,641	-1.8	-10.4	-3.8	6,730	7,248	8,060	7,546	29,711	32,259	-7.9
Light trucks and utility vehicles	8,964	9,247	10,662	-3.1	-13.3	-1.1	8,604	9,547	11,041	11,211	38,703	44,278	-12.6
Heavy duty trucks	1,602	1,505	1,346	6.4	11.8	-6.1	1,589	1,544	1,353	1,447	5,905	7,643	-22.7
Motor vehicle bodies, parts, and trailers	16,421	16,966	17,117	-3.2	-0.9	-2.4	17,310	17,450	18,032	19,230	69,234	78,402	-11.7
Nondefense aircraft and parts	8,681	7,908	8,209	9.8	-3.7	-17.4	7,901	9,310	7,832	7,093	32,200	29,972	7.4
Defense aircraft and parts	4,639	4,500	4,593	3.1	-2.0	31.4	4,141	5,111	4,215	2,945	16,250	12,184	33.4
Ships and boats	2,351	2,321	2,386	1.3	-2.7	-2.2	2,429	2,493	2,409	2,133	9,396	8,628	8.9
Furniture and related products	6,495	6,479	6,504	0.2	-0.4	-0.6	6,412	6,391	6,539	6,673	25,532	27,026	-5.5
Miscellaneous durable goods	13,127	12,989	12,988	1.1	0.0	-0.7	12,719	13,603	12,481	11,920	50,923	48,828	4.3
Nondurable goods industries	230,812	224,600	217,759	2.8	3.1	-1.8	232,350	224,849	210,323	204,285	877,395	788,328	11.3
Food products	50,870	49,771	49,254	2.2	1.0	-1.1	48,919	50,131	48,625	44,670	195,924	180,209	8.7
Grain and oilseed milling	5,826	5,805	5,600	0.4	3.7	-0.2	5,581	5,892	5,642	4,565	22,614	18,871	19.8
Dairy products	7,410	7,292	7,557	1.6	-3.5	-1.1	7,063	7,227	7,128	6,419	28,970	25,459	13.8
Meat, poultry, and seafood products	15,324	14,816	14,428	3.4	2.7	-1.6	14,938	14,611	14,435	14,013	58,031	55,527	4.5
Beverage and tobacco products	11,496	11,285	10,696	1.9	5.5	-3.3	11,398	11,144	10,163	10,602	42,772	40,368	6.0
Beverages	7,739	7,764	7,396	-0.3	5.0	-4.3	7,641	7,623	6,863	7,094	28,863	26,826	7.6
Tobacco	3,757	3,521	3,300	6.7	6.7	-0.9	3,757	3,521	3,300	3,508	13,909	13,542	2.7
Textile mills	2,880	2,894	2,872	-0.5	0.8	-2.2	2,941	2,974	2,951	3,069	11,600	12,376	-6.3
Textile products	2,352	2,344	2,351	0.3	-0.3	-1.4	2,377	2,392	2,348	2,577	9,242	10,132	-8.8
Apparel	2,574	2,587	2,535	-0.5	2.1	-2.2	2,431	2,574	2,636	2,307	9,926	9,443	5.1
Leather and allied products	508	488	485	4.1	0.6	-2.2	476	510	538	489	1,938	2,080	-6.8
Paper products	14,386	14,314	14,133	0.5	1.3	-2.1	14,289	14,310	13,909	13,625	56,868	54,932	3.5
Pulp, paper, and paperboard mills	6,994	6,846	6,768	2.2	1.2	-3.8	6,959	6,901	6,743	6,566	27,685	26,395	4.9
Paperboard containers	4,125	4,107	4,027	0.4	2.0	-0.8	4,063	4,057	3,855	3,897	15,979	15,532	2.9
Printing	8,425	8,310	8,086	1.4	2.8	-2.7	8,261	8,426	7,687	8,192	32,193	32,585	-1.2
Petroleum and coal products	62,027	58,381	53,001	6.2	10.2	-3.4	62,493	55,610	49,478	45,187	217,736	161,327	35.0
Petroleum refineries	59,444	55,919	50,523	6.3	10.7	-3.4	59,893	53,387	47,395	42,692	208,701	152,159	37.2
Chemical products	57,829	56,771	56,770	1.9	0.0	-0.8	60,570	59,180	55,068	55,851	229,711	216,479	6.1
Pesticides, fertilizers, and other agricultural chemicals	3,196	3,203	3,246	-0.2	-1.3	4.4	4,926	4,249	3,227	3,692	15,065	12,009	25.4
Pharmaceuticals and medicines	14,581	14,157	14,623	3.0	-3.2	2.6	14,814	14,411	14,016	15,092	57,392	60,556	-5.2
Paints, coatings, and adhesives	2,855	2,767	2,791	3.2	-0.9	-2.1	3,025	2,819	2,636	2,932	11,015	10,788	2.1
Plastics and rubber products	17,465	17,455	17,576	0.1	-0.7	-0.3	18,195	17,598	16,920	17,716	69,485	68,397	1.6

[p] Preliminary [r] Revised NA Not available.

[1] Shipments are the totals for the period and are adjusted for trading-day and calendar-month variations.

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

Table 2. Value of Manufacturers' New Orders for Industry Groups

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted [1]						
	Monthly			Percent Change			Monthly				Year to date		
	Apr. 2008[p]	Mar. 2008[r]	Feb. 2008	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2008[p]	Mar. 2008[r]	Feb. 2008	Apr. 2007	2008[p]	2007	Percent 2008/ 2007
All manufacturing industries [2]	445,234	440,216	433,860	1.1	1.5	-0.4	443,957	456,231	423,205	419,451	1,736,733	1,642,564	5.7
Excluding transportation [2]	389,154	379,303	369,652	2.6	2.6	-1.6	392,171	390,280	359,720	356,006	1,498,254	1,388,146	7.9
Excluding defense [2]	434,257	428,590	421,463	1.3	1.7	-0.8	435,440	440,689	411,073	412,506	1,689,236	1,605,200	5.2
With unfilled orders [2]	159,240	160,699	159,255	-0.9	0.9	2.1	156,235	174,115	156,982	157,022	638,804	622,839	2.6
Durable goods industries [2]	214,422	215,616	216,101	-0.6	-0.2	1.1	211,607	231,382	212,882	215,166	859,338	854,236	0.6
Primary metals	22,432	21,855	21,331	2.6	2.5	1.4	23,880	22,928	22,041	21,820	90,574	82,590	9.7
Iron and steel mills	11,486	10,887	10,312	5.5	5.6	-1.8	12,455	11,655	10,865	10,898	46,062	40,744	13.1
Aluminum and nonferrous metals	9,160	9,198	9,244	-0.4	-0.5	4.3	9,538	9,476	9,375	9,236	37,323	35,078	6.4
Ferrous metal foundries	1,786	1,770	1,775	0.9	-0.3	6.1	1,887	1,797	1,801	1,686	7,189	6,768	6.2
Fabricated metal products	28,040	28,368	26,969	-1.2	5.2	0.3	29,091	30,040	26,843	27,952	111,796	109,752	1.9
Machinery	31,765	30,526	28,126	4.1	8.5	-8.3	33,883	33,382	27,646	29,114	125,860	113,438	11.0
Construction machinery	2,870	3,832	1,907	-25.1	100.9	-30.4	3,080	4,216	2,083	2,166	12,466	9,743	27.9
Mining, oil field, and gas field machinery	2,163	1,456	1,566	48.6	-7.0	-2.9	2,140	1,530	1,607	1,456	6,797	5,176	31.3
Industrial machinery	3,248	3,144	3,128	3.3	0.5	-11.3	3,789	3,257	2,898	4,675	14,176	14,911	-4.9
Photographic equipment	558	498	508	12.0	-2.0	-30.4	565	544	457	669	2,280	2,525	-9.7
Ventilation, heating, air-conditioning, and refrigeration equipment	4,939	3,661	3,900	34.9	-6.1	-12.4	4,934	3,822	2,679	3,189	16,017	14,248	12.4
Metalworking machinery	2,885	2,413	2,355	19.6	2.5	-3.3	2,805	2,516	2,408	2,119	10,293	9,382	9.7
Turbines, generators, and other power transmission equipment	3,710	4,178	3,711	-11.2	12.6	9.3	4,018	4,492	3,872	3,245	15,543	12,710	22.3
Material handling equipment	2,489	2,775	2,687	-10.3	3.3	0.1	2,283	3,296	2,974	1,939	11,068	9,256	19.6
Computers and electronic products [2]	27,235	27,889	27,640	-2.3	0.9	1.5	23,657	32,465	26,384	23,692	106,171	103,195	2.9
Computers	2,737	3,533	3,603	-22.5	-1.9	22.8	2,528	3,991	3,179	3,104	12,204	12,889	-5.3
Nondefense communications equipment	5,117	4,988	5,151	2.6	-3.2	6.8	4,720	5,887	5,269	4,758	19,941	19,880	0.3
Defense communications equipment	768	822	639	-6.6	28.6	0.5	571	1,215	528	268	2,779	1,966	41.4
Semiconductors [2]	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components	4,112	4,278	4,171	-3.9	2.6	1.9	3,669	4,615	4,142	3,577	16,209	15,907	1.9
Nondefense search and navigation equipment	1,030	747	1,007	37.9	-25.8	-10.9	911	860	1,050	876	4,028	4,105	-1.9
Defense search and navigation equipment	2,538	2,767	2,565	-8.3	7.9	-15.8	2,115	3,458	2,808	2,825	11,116	10,600	4.9
Electromedical, measuring, and control instruments	7,363	7,420	7,235	-0.8	2.6	0.0	6,495	8,435	6,598	5,775	27,896	25,922	7.6
Electrical equipment, appliances, and components	11,890	9,279	11,429	28.1	-18.8	2.5	12,056	9,390	11,664	11,129	43,836	43,508	0.8
Electric lighting equipment	1,200	1,006	1,173	19.3	-14.2	27.6	1,268	1,069	1,191	1,177	4,422	4,925	-10.2
Household appliances	2,034	2,054	1,976	-1.0	3.9	3.0	1,961	1,986	1,892	2,444	7,483	8,000	-6.5
Electrical equipment	3,574	2,419	4,174	47.7	-42.0	-1.6	3,637	2,483	4,461	3,394	14,838	14,604	1.6
Transportation equipment	56,080	60,913	64,208	-7.9	-5.1	7.2	51,786	65,951	63,485	63,445	238,479	254,418	-6.3
Motor vehicle bodies, parts, and trailers	16,304	17,012	16,749	-4.2	1.6	-2.0	17,200	17,104	17,789	18,920	68,520	78,426	-12.6
Nondefense aircraft and parts	12,098	16,000	14,721	-24.4	8.7	12.4	9,351	17,084	12,709	14,768	51,404	52,632	-2.3
Defense aircraft and parts	4,410	4,638	4,344	-4.9	6.8	11.7	3,621	6,071	3,981	1,752	17,850	10,165	75.6
Ships and boats	2,217	2,565	3,296	-13.6	-22.2	92.7	1,834	2,797	3,333	1,596	10,442	10,073	3.7
Furniture and related products	6,561	6,653	6,499	-1.4	2.4	0.7	6,655	6,767	6,609	6,996	26,131	27,806	-6.0
Nondurable goods industries	230,812	224,600	217,759	2.8	3.1	-1.8	232,350	224,849	210,323	204,285	877,395	788,328	11.3

[p] Preliminary [r] Revised NA Not available.

[1] New orders are the totals for the period and are adjusted for trading-day and calendar-month variations.

[2] Data on new orders are not available for the semiconductor industry. Estimates and percent changes for new orders exclude semiconductor industry data.

Note: Estimates of manufacturers' shipments, inventories and orders are subject to survey error and revision. One major component of survey error is nonsampling error, which includes errors of coverage, response, and nonreporting. Since the survey panel is not a probability sample, estimates of sampling error cannot be calculated. Further details on survey design, methodology, and data limitations are contained in our most recent annual benchmark publication, Current Industrial Reports: M3-3(07), "Manufacturers' Shipments, Inventories, and Orders: 2004-2007."

Table 3. Value of Manufacturers' Unfilled Orders for Industry Groups

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change
	Apr. 2008[p]	Mar. 2008[r]	Feb. 2008	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2008[p]	Mar. 2008[r]	Feb. 2008	Apr. 2007	Apr. 08/07
All manufacturing industries [1]	804,388	797,114	786,860	0.9	1.3	1.2	816,356	811,015	797,537	703,846	16.0
Excluding transportation [1]	351,122	345,809	343,064	1.5	0.8	0.1	358,307	351,769	346,890	328,286	9.1
Excluding defense [1]	652,623	644,459	634,514	1.3	1.6	1.2	660,800	652,847	642,393	555,743	18.9
Durable goods industries [1]	804,388	797,114	786,860	0.9	1.3	1.2	816,356	811,015	797,537	703,846	16.0
Primary metals	29,305	28,864	28,355	1.5	1.8	1.1	30,641	30,066	29,251	29,408	4.2
Iron and steel mills	18,225	17,845	17,397	2.1	2.6	0.6	19,163	18,651	17,901	18,208	5.2
Aluminum and nonferrous metals	8,068	8,032	7,961	0.4	0.9	2.1	8,399	8,349	8,258	8,091	3.8
Ferrous metal foundries	3,012	2,987	2,997	0.8	-0.3	1.6	3,079	3,066	3,092	3,109	-1.0
Fabricated metal products	62,837	62,496	61,377	0.5	1.8	0.3	64,038	63,383	60,747	59,098	8.4
Machinery	97,482	94,382	92,896	3.3	1.6	-1.2	100,128	96,303	94,777	84,924	17.9
Construction machinery	13,101	12,625	11,057	3.8	14.2	-4.0	14,066	13,550	11,792	12,273	14.6
Mining, oil field, and gas field machinery	5,705	5,068	5,043	12.6	0.5	1.0	5,739	5,097	5,124	3,911	46.7
Industrial machinery	16,263	16,015	15,999	1.5	0.1	0.8	16,841	16,125	16,257	15,284	10.2
Photographic equipment	1,656	1,666	1,725	-0.6	-3.4	-2.5	1,712	1,697	1,730	1,644	4.1
Ventilation, heating, air-conditioning, and refrigeration equipment	13,773	12,730	13,341	8.2	-4.6	-6.4	13,843	12,592	13,331	9,690	42.9
Metalworking machinery	8,334	7,908	7,832	5.4	1.0	-0.4	8,513	8,017	8,019	6,916	23.1
Turbines, generators, and other power transmission equipment	14,355	14,326	13,733	0.2	4.3	1.7	14,508	14,540	13,864	12,930	12.2
Material handling equipment	10,081	10,106	10,232	-0.2	-1.2	0.2	10,370	10,476	10,565	9,173	13.0
Computers and electronic products [1]	123,080	122,954	122,125	0.1	0.7	0.5	124,669	124,893	123,670	117,272	6.3
Computers	3,406	3,524	3,295	-3.3	6.9	4.9	3,406	3,524	3,295	3,378	0.8
Nondefense communications equipment	29,389	29,165	29,286	0.8	-0.4	0.3	30,061	29,499	29,658	29,154	3.1
Defense communications equipment	7,787	7,664	7,533	1.6	1.7	-0.3	7,874	7,956	7,499	6,699	17.5
Semiconductors [1]	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components	10,844	10,835	10,594	0.1	2.3	1.7	10,843	10,871	10,766	10,288	5.4
Nondefense search and navigation equipment	6,643	6,551	6,758	1.4	-3.1	0.9	6,757	6,735	6,938	5,931	13.9
Defense search and navigation equipment	37,136	37,202	37,154	-0.2	0.1	-0.3	37,856	38,287	37,756	36,131	4.8
Electromedical, measuring, and control instruments	27,875	28,013	27,505	-0.5	1.8	0.8	27,872	28,021	27,758	25,691	8.5
Electrical equipment, appliances, and components	25,251	23,986	25,247	5.3	-5.0	3.6	25,654	24,164	25,750	24,463	4.9
Electric lighting equipment	2,712	2,541	2,548	6.7	-0.3	6.1	2,767	2,524	2,513	2,469	12.1
Household appliances	798	732	627	9.0	16.7	4.2	775	750	757	944	-17.9
Electrical equipment	15,486	15,406	16,466	0.5	-6.4	3.9	15,640	15,415	16,644	14,378	8.8
Transportation equipment	453,266	451,305	443,796	0.4	1.7	2.0	458,049	459,246	450,647	375,560	22.0
Motor vehicle bodies, parts, and trailers	17,564	17,681	17,635	-0.7	0.3	-2.0	17,851	17,961	18,307	20,457	-12.7
Nondefense aircraft and parts	298,129	294,712	286,620	1.2	2.8	2.3	299,819	298,369	290,595	219,918	36.3
Defense aircraft and parts	43,666	43,895	43,757	-0.5	0.3	-0.6	44,902	45,422	44,462	40,128	11.9
Ships and boats	20,458	20,592	20,348	-0.7	1.2	4.7	21,049	21,644	21,340	21,007	0.2
Furniture and related products	7,353	7,287	7,113	0.9	2.4	-0.1	7,363	7,120	6,744	7,447	-1.1

[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
	Apr. 2008[p]	Mar. 2008[r]	Feb. 2008	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2008[p]	Mar. 2008[r]	Feb. 2008	Apr. 2007	Apr. 08/07
All manufacturing industries	545,670	545,791	540,675	0.0	0.9	0.6	548,662	544,108	542,782	517,561	6.0
Excluding transportation	460,194	460,982	457,240	-0.2	0.8	0.5	462,490	459,676	459,080	440,398	5.0
Excluding defense	521,173	521,688	516,661	-0.1	1.0	0.6	524,057	520,085	518,796	495,696	5.7
With unfilled orders	263,035	260,821	257,565	0.8	1.3	0.7	264,818	259,993	259,386	248,944	6.4
Durable goods industries	329,067	327,066	323,841	0.6	1.0	0.5	331,125	326,228	326,654	315,078	5.1
Wood products	10,344	10,502	10,768	-1.5	-2.5	-2.8	10,239	10,621	10,967	11,539	-11.3
Nonmetallic mineral products	11,994	11,972	11,880	0.2	0.8	0.2	12,294	12,248	12,138	11,932	3.0
Primary metals	32,253	31,693	30,979	1.8	2.3	0.6	32,374	31,552	30,935	31,232	3.7
Iron and steel mills	17,562	17,185	16,689	2.2	3.0	0.6	17,479	16,965	16,579	16,873	3.6
Aluminum and nonferrous metals	12,157	11,946	11,688	1.8	2.2	0.9	12,300	11,944	11,684	11,755	4.6
Ferrous metal foundries	2,534	2,562	2,602	-1.1	-1.5	-0.2	2,595	2,643	2,672	2,604	-0.3
Fabricated metal products	42,850	42,443	42,288	1.0	0.4	-0.1	43,325	42,828	42,922	42,461	2.0
Machinery	53,689	53,549	52,839	0.3	1.3	0.5	54,175	53,897	53,730	50,921	6.4
Farm machinery	3,014	2,960	2,897	1.8	2.2	0.3	3,088	3,215	3,226	2,514	22.8
Construction machinery	5,483	5,391	5,358	1.7	0.6	1.0	5,576	5,490	5,446	5,129	8.7
Mining, oil field, and gas field machinery	4,290	4,256	4,234	0.8	0.5	0.6	4,336	4,258	4,239	3,991	8.6
Industrial machinery	6,739	6,646	6,512	1.4	2.1	-0.2	6,691	6,662	6,612	6,581	1.7
Photographic equipment	1,248	1,264	1,290	-1.3	-2.0	0.2	1,272	1,246	1,303	1,644	-22.6
Ventilation, heating, air-conditioning, and refrigeration equipment	4,968	4,916	4,891	1.1	0.5	0.6	5,210	4,979	4,961	4,964	5.0
Metalworking machinery	5,183	5,213	5,104	-0.6	2.1	1.2	5,161	5,173	5,065	4,744	8.8
Turbines, generators, and other power transmission equipment	6,023	6,250	5,997	-3.6	4.2	0.6	5,953	6,097	6,020	5,347	11.3
Material handling equipment	3,403	3,327	3,279	2.3	1.5	1.1	3,448	3,329	3,343	3,060	12.7
Computers and electronic products	46,324	46,045	45,503	0.6	1.2	0.8	46,145	44,906	45,859	45,098	2.3
Computers	1,463	1,522	1,466	-3.9	3.8	1.4	1,367	1,489	1,439	1,302	5.0
Computer storage devices	1,682	1,678	1,558	0.2	7.7	2.6	1,707	1,556	1,602	1,415	20.6
Other peripheral equipment	2,060	2,055	2,036	0.2	0.9	1.6	2,084	1,949	2,070	2,041	2.1
Nondefense communications equipment	8,506	8,413	8,226	1.1	2.3	0.1	8,454	8,135	8,380	7,878	7.3
Defense communications equipment	1,473	1,355	1,216	8.7	11.4	0.8	1,473	1,355	1,216	1,009	46.0
Audio and video equipment	964	993	986	-2.9	0.7	3.5	839	889	924	733	14.5
Semiconductors [1]	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components	6,572	6,648	6,672	-1.1	-0.4	2.0	6,606	6,476	6,699	6,667	-0.9
Nondefense search and navigation equipment	4,756	4,714	4,636	0.9	1.7	1.5	4,708	4,667	4,596	3,864	21.8
Defense search and navigation equipment	3,354	3,385	3,372	-0.9	0.4	-1.0	3,415	3,361	3,411	3,252	5.0
Electromedical, measuring and control instruments	10,466	10,333	10,189	1.3	1.4	-0.1	10,449	10,158	10,373	11,195	-6.7
Electrical equipment, appliances, and components	15,309	15,119	15,213	1.3	-0.6	1.2	15,602	15,261	15,560	14,640	6.6
Electric lighting equipment	1,792	1,695	1,762	5.7	-3.8	1.0	1,832	1,707	1,793	1,899	-3.5
Household appliances	1,986	2,011	2,026	-1.2	-0.7	0.5	2,057	1,991	2,074	2,007	2.5
Electrical equipment	5,239	5,254	5,351	-0.3	-1.8	1.7	5,323	5,319	5,512	4,909	8.4
Batteries	810	782	750	3.6	4.3	0.7	822	787	740	662	24.2
Transportation equipment	85,476	84,809	83,435	0.8	1.6	1.1	86,172	84,432	83,702	77,163	11.7
Automobiles	2,429	2,723	2,770	-10.8	-1.7	-3.0	2,395	2,617	2,819	2,697	-11.2
Light trucks and utility vehicles	2,936	2,967	2,907	-1.0	2.1	2.3	3,009	2,918	2,828	3,486	-13.7
Heavy duty trucks	1,531	1,432	1,387	6.9	3.2	0.7	1,516	1,416	1,369	1,361	11.4
Motor vehicle bodies, parts, and trailers	16,843	16,904	16,915	-0.4	-0.1	-1.1	17,085	17,095	17,156	18,322	-6.8
Nondefense aircraft and parts	36,290	35,778	34,473	1.4	3.8	1.6	36,561	35,536	34,494	28,764	27.1
Defense aircraft and parts	13,985	13,770	13,742	1.6	0.2	0.9	14,011	13,699	13,681	12,436	12.7
Ships and boats	3,117	3,033	3,014	2.8	0.6	-0.2	3,134	3,100	3,086	3,061	2.4
Furniture and related products	7,903	7,994	8,009	-1.1	-0.2	-0.7	7,885	7,861	7,871	8,226	-4.1
Miscellaneous durable goods	22,925	22,940	22,927	-0.1	0.1	-0.4	22,914	22,622	22,970	21,866	4.8
Nondurable goods industries	216,603	218,725	216,834	-1.0	0.9	0.8	217,537	217,880	216,128	202,483	7.4
Food products	37,605	37,425	37,284	0.5	0.4	0.7	36,768	36,710	37,365	34,267	7.3
Grain and oilseed milling	5,093	5,000	4,918	1.9	1.7	3.9	5,023	4,996	5,087	4,228	18.8
Dairy products	4,476	4,457	4,478	0.4	-0.5	-1.7	4,604	4,409	4,432	4,575	0.6
Meat, poultry, and seafood products	7,534	7,476	7,447	0.8	0.4	0.8	7,567	7,506	7,464	6,829	10.8
Beverage and tobacco products	15,186	15,135	15,189	0.3	-0.4	0.8	15,223	15,296	15,465	15,027	1.3
Beverages	11,355	11,314	11,274	0.4	0.4	0.5	11,378	11,399	11,338	10,948	3.9
Tobacco	3,831	3,821	3,915	0.3	-2.4	1.7	3,845	3,897	4,127	4,079	-5.7
Textile mills	3,696	3,749	3,765	-1.4	-0.4	-0.3	3,702	3,757	3,820	3,857	-4.0
Textile products	3,348	3,349	3,353	0.0	-0.1	-0.4	3,327	3,300	3,358	3,346	-0.6
Apparel	4,431	4,427	4,428	0.1	0.0	0.9	4,353	4,282	4,395	4,093	6.4
Leather and allied products	1,024	1,038	1,049	-1.3	-1.0	0.8	994	1,008	1,057	1,038	-4.2
Paper products	15,302	15,292	15,128	0.1	1.1	0.1	15,493	15,465	15,266	15,178	2.1
Pulp, paper, and paperboard mills	6,669	6,672	6,601	0.0	1.1	-0.3	6,792	6,800	6,659	6,808	-0.2
Paperboard containers	4,277	4,254	4,203	0.5	1.2	1.1	4,292	4,271	4,264	4,168	3.0
Printing	6,881	6,897	6,737	-0.2	2.4	3.0	6,767	6,780	6,573	6,551	3.3
Petroleum and coal products	38,931	41,580	40,019	-6.4	3.9	1.7	39,975	40,587	37,681	32,961	21.3
Petroleum refineries	36,618	39,347	37,462	-6.9	5.0	1.6	37,633	38,370	35,121	30,297	24.2
Chemical products	67,931	67,739	68,002	0.3	-0.4	0.4	68,253	68,075	68,735	65,071	4.9
Pesticides, fertilizers, and other agricultural chemicals	3,086	3,061	3,030	0.8	1.0	2.9	3,227	3,458	3,539	2,849	13.3
Pharmaceuticals and medicines	23,730	23,754	24,170	-0.1	-1.7	-0.4	23,596	23,495	23,957	23,275	1.4
Paints, coatings, and adhesives	3,189	3,215	3,158	-0.8	1.8	1.7	3,269	3,327	3,196	3,095	5.6
Plastics and rubber products	22,268	22,094	21,880	0.8	1.0	0.7	22,682	22,620	22,413	21,094	7.5

[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
	Apr. 2008[p]	Mar. 2008[r]	Feb. 2008	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2008[p]	Mar. 2008[r]	Feb. 2008	Apr. 2007	2008[p]	2007	
SHIPMENTS													
All manufacturing industries	443,941	434,378	429,531	2.2	1.1	-1.9	444,955	447,025	417,428	414,836	1,714,345	1,619,780	5.8
Construction materials and supplies	43,460	43,444	43,748	0.0	-0.7	1.8	44,369	43,261	41,054	44,771	166,788	170,003	-1.9
Information technology	26,881	26,891	26,861	0.0	0.1	-3.2	24,137	30,756	24,707	24,087	102,792	100,725	2.1
Computers and related products	5,059	5,415	5,512	-6.6	-1.8	-1.6	4,148	6,568	4,709	4,655	19,911	19,913	0.0
Motor vehicle and parts	33,714	34,567	36,766	-2.5	-6.0	-2.4	34,233	35,789	38,486	39,434	143,553	162,582	-11.7
Capital goods	76,557	75,338	74,879	1.6	0.6	-3.4	73,980	83,615	71,903	70,674	296,776	282,750	5.0
Nondefense capital goods [3]	67,398	66,680	66,455	1.1	0.3	-3.6	65,202	74,182	63,411	63,379	262,813	253,062	3.9
Excluding aircraft	62,625	62,500	62,023	0.2	0.8	-1.3	61,025	69,101	59,177	59,471	245,697	236,757	3.8
Defense capital goods [4]	9,159	8,658	8,424	5.8	2.8	-1.6	8,778	9,433	8,492	7,295	33,963	29,688	14.4
Consumer goods	184,260	178,994	174,960	2.9	2.3	-1.9	182,498	178,353	170,560	163,520	699,111	635,902	9.9
Consumer durable goods	30,821	31,018	33,134	-0.6	-6.4	-2.4	30,508	32,350	33,534	34,152	127,132	136,795	-7.1
Consumer nondurable goods	153,439	147,976	141,826	3.7	4.3	-1.8	151,990	146,003	137,026	129,368	571,979	499,107	14.6
NEW ORDERS													
All manufacturing industries [5]	445,234	440,216	433,860	1.1	1.5	-0.4	443,957	456,231	423,205	419,451	1,736,733	1,642,564	5.7
Construction materials and supplies	44,838	43,556	43,260	2.9	0.7	-0.7	46,432	44,357	40,102	45,128	170,529	173,456	-1.7
Information technology	27,936	27,121	27,309	3.0	-0.7	0.6	24,953	31,480	26,155	24,328	106,378	103,341	2.9
Computers and related products	4,941	5,644	5,666	-12.5	-0.4	12.8	4,030	6,797	4,863	4,480	19,600	19,806	-1.0
Motor vehicle and parts	33,597	34,613	36,398	-2.9	-4.9	-2.3	34,123	35,443	38,243	39,124	142,839	162,606	-12.2
Capital goods	82,685	83,738	83,976	-1.3	-0.3	2.4	77,615	93,798	81,579	80,669	331,480	318,784	4.0
Nondefense capital goods [3]	74,265	75,431	74,408	-1.5	1.4	1.6	71,285	82,269	72,013	74,893	294,725	287,311	2.6
Excluding aircraft	65,756	63,222	63,860	4.0	-1.0	-0.9	65,239	69,869	63,745	63,045	259,936	250,346	3.8
Defense capital goods [4]	8,420	8,307	9,568	1.4	-13.2	9.2	6,330	11,529	9,566	5,776	36,755	31,473	16.8
Consumer goods	184,351	179,019	174,737	3.0	2.5	-1.9	182,573	178,253	170,415	163,901	698,976	636,671	9.8
Consumer durable goods	30,912	31,043	32,911	-0.4	-5.7	-2.2	30,583	32,250	33,389	34,533	126,997	137,564	-7.7
Consumer nondurable goods	153,439	147,976	141,826	3.7	4.3	-1.8	151,990	146,003	137,026	129,368	571,979	499,107	14.6
UNFILLED ORDERS													
All manufacturing industries [5]	804,388	797,114	786,860	0.9	1.3	1.2	816,356	811,015	797,537	703,846	(X)	(X)	16.0
Construction materials and supplies	53,503	52,125	52,013	2.6	0.2	-0.9	54,309	52,246	51,150	47,297	(X)	(X)	14.8
Information technology	120,147	119,092	118,862	0.9	0.2	0.4	122,010	121,194	120,470	115,300	(X)	(X)	5.8
Computers and related products	3,406	3,524	3,295	-3.3	6.9	4.9	3,406	3,524	3,295	3,378	(X)	(X)	0.8
Motor vehicle and parts	17,564	17,681	17,635	-0.7	0.3	-2.0	17,851	17,961	18,307	20,457	(X)	(X)	-12.7
Capital goods	601,888	595,760	587,360	1.0	1.4	1.6	610,161	606,526	596,343	512,406	(X)	(X)	19.1
Nondefense capital goods [3]	465,661	458,794	450,043	1.5	1.9	1.8	470,727	464,644	456,557	378,044	(X)	(X)	24.5
Excluding aircraft	199,107	195,976	195,254	1.6	0.4	0.9	203,023	198,809	198,041	186,611	(X)	(X)	8.8
Defense capital goods [4]	136,227	136,966	137,317	-0.5	-0.3	0.8	139,434	141,882	139,786	134,362	(X)	(X)	3.8
Consumer goods	9,033	8,942	8,917	1.0	0.3	-2.4	9,029	8,954	9,054	9,546	(X)	(X)	-5.4
Consumer durable goods	9,033	8,942	8,917	1.0	0.3	-2.4	9,029	8,954	9,054	9,546	(X)	(X)	-5.4
TOTAL INVENTORIES													
All manufacturing industries	545,670	545,791	540,675	0.0	0.9	0.6	548,662	544,108	542,782	517,561	(X)	(X)	6.0
Construction materials and supplies	59,601	59,202	59,560	0.7	-0.6	-0.3	60,354	59,921	60,642	60,731	(X)	(X)	-0.6
Information technology	41,901	41,541	40,746	0.9	2.0	0.5	41,772	40,687	41,188	39,918	(X)	(X)	4.6
Computers and related products	5,205	5,255	5,060	-1.0	3.9	1.8	5,158	4,994	5,111	4,758	(X)	(X)	8.4
Motor vehicle and parts	23,739	24,026	23,979	-1.2	0.2	-0.8	24,005	24,046	24,172	25,866	(X)	(X)	-7.2
Capital goods	153,938	152,616	149,941	0.9	1.8	0.9	154,589	151,858	151,231	139,966	(X)	(X)	10.4
Nondefense capital goods [3]	134,594	133,603	131,025	0.7	2.0	0.8	135,163	132,854	132,282	122,578	(X)	(X)	10.3
Excluding aircraft	106,690	106,149	104,837	0.5	1.3	0.6	107,080	105,461	106,080	101,092	(X)	(X)	5.9
Defense capital goods [4]	19,344	19,013	18,916	1.7	0.5	1.8	19,426	19,004	18,949	17,388	(X)	(X)	11.7
Consumer goods	162,910	165,924	164,289	-1.8	1.0	0.5	162,885	163,562	162,293	152,638	(X)	(X)	6.7
Consumer durable goods	28,686	29,227	29,247	-1.9	-0.1	-0.4	28,569	28,776	29,406	29,223	(X)	(X)	-2.2
Consumer nondurable goods	134,224	136,697	135,042	-1.8	1.2	0.7	134,316	134,786	132,887	123,415	(X)	(X)	8.8

[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. 2008[P]	Mar. 2008[r]	Feb. 2008	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2008[P]	Mar. 2008[r]	Feb. 2008	Apr. 2007	Apr. 08/07
MATERIALS AND SUPPLIES											
All manufacturing industries	187,392	186,775	186,102	0.3	0.4	0.3	187,490	185,764	186,012	179,671	4.4
Durable goods industries	112,237	111,560	110,644	0.6	0.8	0.4	111,838	110,565	110,838	108,626	3.0
Wood products	4,212	4,288	4,366	-1.8	-1.8	-1.6	3,841	4,108	4,397	4,262	-9.9
Nonmetallic mineral products	4,957	4,897	4,837	1.2	1.2	0.3	4,962	4,914	4,848	4,585	8.2
Primary metals	12,105	11,562	11,458	4.7	0.9	1.3	11,869	11,226	11,265	11,303	5.0
Fabricated metal products	15,764	15,496	15,289	1.7	1.4	-1.6	15,845	15,584	15,513	15,776	0.4
Machinery	20,347	20,310	20,067	0.2	1.2	0.8	20,496	20,153	20,121	19,368	5.8
Computers and electronic products	15,768	15,894	15,715	-0.8	1.1	0.5	15,492	15,619	15,689	16,243	-4.6
Electrical equipment, appliances, and components	6,215	6,065	6,053	2.5	0.2	1.4	6,282	6,085	6,176	5,718	9.9
Transportation equipment	21,600	21,726	21,625	-0.6	0.5	1.5	21,754	21,701	21,630	20,344	6.9
Furniture and related products	3,776	3,821	3,773	-1.2	1.3	-0.4	3,780	3,799	3,746	3,817	-1.0
Miscellaneous products	7,493	7,501	7,461	-0.1	0.5	0.4	7,517	7,376	7,453	7,210	4.3
Nondurable goods industries	75,155	75,215	75,458	-0.1	-0.3	0.2	75,652	75,199	75,174	71,045	6.5
Food products	14,047	14,010	13,860	0.3	1.1	0.7	14,011	14,001	14,033	12,732	10.0
Beverage and tobacco products	4,452	4,483	4,580	-0.7	-2.1	2.4	4,446	4,532	4,712	4,616	-3.7
Textiles	1,182	1,173	1,208	0.8	-2.9	-0.7	1,200	1,181	1,225	1,269	-5.4
Textile products	1,325	1,302	1,284	1.8	1.4	0.0	1,311	1,284	1,276	1,230	6.6
Apparel	1,077	1,091	1,076	-1.3	1.4	1.3	1,076	1,081	1,084	1,039	3.6
Leather and allied products	392	404	407	-3.0	-0.7	-1.5	384	390	403	361	6.4
Paper products	7,390	7,311	7,277	1.1	0.5	-1.2	7,426	7,388	7,347	7,165	3.6
Printing	3,165	3,147	3,038	0.6	3.6	3.3	3,121	3,146	2,930	2,866	8.9
Petroleum and coal products	12,515	12,617	12,444	-0.8	1.4	-3.4	13,027	12,308	11,576	11,910	9.4
Chemical products	20,784	20,925	21,621	-0.7	-3.2	1.6	20,814	21,098	21,831	19,520	6.6
Plastics and rubber products	8,826	8,752	8,663	0.8	1.0	0.3	8,836	8,790	8,757	8,337	6.0
WORK IN PROCESS											
All manufacturing industries	160,009	159,777	157,753	0.1	1.3	1.5	161,281	159,519	158,174	143,770	12.2
Durable goods industries	119,782	118,227	116,407	1.3	1.6	1.1	120,778	117,805	117,102	107,808	12.0
Wood products	1,926	1,918	1,954	0.4	-1.8	-2.3	1,963	1,940	1,973	2,171	-9.6
Nonmetallic mineral products	1,316	1,317	1,350	-0.1	-2.4	2.3	1,380	1,379	1,408	1,400	-1.4
Primary metals	10,302	10,219	10,036	0.8	1.8	1.4	10,492	10,259	10,030	10,243	2.4
Fabricated metal products	13,070	13,116	13,124	-0.4	-0.1	1.5	13,090	13,071	13,187	12,263	6.7
Machinery	14,650	14,823	14,632	-1.2	1.3	0.4	14,790	14,870	14,597	14,251	3.8
Computers and electronic products	20,803	20,057	19,761	3.7	1.5	1.0	20,852	19,424	19,999	18,240	14.3
Electrical equipment, appliances, and components	3,139	3,161	3,212	-0.7	-1.6	0.3	3,232	3,203	3,258	3,148	2.7
Transportation equipment	49,857	48,880	47,586	2.0	2.7	1.6	50,216	48,944	47,908	41,363	21.4
Furniture and related products	1,311	1,297	1,306	1.1	-0.7	0.4	1,312	1,290	1,296	1,327	-1.1
Miscellaneous products	3,408	3,439	3,446	-0.9	-0.2	-2.3	3,451	3,425	3,446	3,402	1.4
Nondurable goods industries	40,227	41,550	41,346	-3.2	0.5	2.5	40,503	41,714	41,072	35,962	12.6
Food products	2,500	2,533	2,568	-1.3	-1.4	-0.5	2,326	2,457	2,619	2,549	-8.7
Beverage and tobacco products	4,261	4,269	4,302	-0.2	-0.8	-0.5	4,171	4,296	4,453	4,529	-7.9
Textiles	883	897	903	-1.6	-0.7	-1.2	877	892	910	988	-11.2
Textile products	415	421	436	-1.4	-3.4	1.6	421	419	437	504	-16.5
Apparel	631	634	650	-0.5	-2.5	-2.0	647	627	654	700	-7.6
Leather and allied products	85	92	95	-7.6	-3.2	2.2	88	96	97	117	-24.8
Paper products	1,466	1,475	1,468	-0.6	0.5	-0.5	1,476	1,480	1,456	1,359	8.6
Printing	1,754	1,809	1,794	-3.0	0.8	2.2	1,678	1,735	1,770	1,814	-7.5
Petroleum and coal products	11,826	13,044	12,704	-9.3	2.7	13.0	12,368	13,447	12,333	8,162	51.5
Chemical products	13,905	13,906	13,946	0.0	-0.3	-3.4	13,913	13,720	13,785	12,854	8.2
Plastics and rubber products	2,501	2,470	2,480	1.3	-0.4	1.8	2,538	2,545	2,558	2,386	6.4
FINISHED GOODS											
All manufacturing industries	198,269	199,239	196,820	-0.5	1.2	0.2	199,891	198,825	198,596	194,120	3.0
Durable goods industries	97,048	97,279	96,790	-0.2	0.5	-0.3	98,509	97,858	98,714	98,644	-0.1
Wood products	4,206	4,296	4,448	-2.1	-3.4	-4.1	4,435	4,573	4,597	5,106	-13.1
Nonmetallic mineral products	5,721	5,758	5,693	-0.6	1.1	-0.5	5,952	5,955	5,882	5,947	0.1
Primary metals	9,846	9,912	9,485	-0.7	4.5	-0.9	10,013	10,067	9,640	9,686	3.4
Fabricated metal products	14,016	13,831	13,875	1.3	-0.3	0.0	14,390	14,173	14,222	14,422	-0.2
Machinery	18,692	18,416	18,140	1.5	1.5	0.4	18,889	18,874	19,012	17,302	9.2
Computers and electronic products	9,753	10,094	10,027	-3.4	0.7	0.7	9,801	9,863	10,171	10,615	-7.7
Electrical equipment, appliances, and components	5,955	5,893	5,948	1.1	-0.9	1.4	6,088	5,973	6,126	5,774	5.4
Transportation equipment	14,019	14,203	14,224	-1.3	-0.1	-1.0	14,202	13,787	14,164	15,456	-8.1
Furniture and related products	2,816	2,876	2,930	-2.1	-1.8	-1.4	2,793	2,772	2,829	3,082	-9.4
Miscellaneous products	12,024	12,000	12,020	0.2	-0.2	-0.3	11,946	11,821	12,071	11,254	6.1
Nondurable goods industries	101,221	101,960	100,030	-0.7	1.9	0.6	101,382	100,967	99,882	95,476	6.2
Food products	21,058	20,882	20,856	0.8	0.1	0.9	20,431	20,252	20,713	18,986	7.6
Beverage and tobacco products	6,473	6,383	6,307	1.4	1.2	0.6	6,606	6,468	6,300	5,882	12.3
Textiles	1,631	1,679	1,654	-2.9	1.5	0.4	1,625	1,684	1,685	1,600	1.6
Textile products	1,608	1,626	1,633	-1.1	-0.4	-1.2	1,595	1,597	1,645	1,612	-1.1
Apparel	2,723	2,702	2,702	0.8	0.0	1.5	2,630	2,574	2,657	2,354	11.7
Leather and allied products	547	542	547	0.9	-0.9	2.2	522	522	557	560	-6.8
Paper products	6,446	6,506	6,383	-0.9	1.9	1.8	6,591	6,597	6,463	6,654	-0.9
Printing	1,962	1,941	1,905	1.1	1.9	3.1	1,968	1,899	1,873	1,871	5.2
Petroleum and coal products	14,590	15,919	14,871	-8.3	7.0	-2.4	14,580	14,832	13,772	12,889	13.1
Chemical products	33,242	32,908	32,435	1.0	1.5	1.4	33,526	33,257	33,119	32,697	2.5
Plastics and rubber products	10,941	10,872	10,737	0.6	1.3	0.9	11,308	11,285	11,098	10,371	9.0

[P] Preliminary [r] Revised

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

Table 7. Ratios of Manufacturers' Inventories to Shipments and Unfilled Orders to Shipments, by Industry Group

[Based on Seasonally Adjusted data]

Industry	Inventory/Shipments ratio				Unfilled Orders/Shipments ratio[1]			
	Apr 2008[p]	Mar 2008[r]	Feb 2008	Jan 2008	Apr 2008[p]	Mar 2008[r]	Feb 2008	Jan 2008
All manufacturing industries[2]	1.23	1.26	1.26	1.23	(X)	(X)	(X)	(X)
Durable goods industries[2]	1.54	1.56	1.53	1.49	5.29	5.30	5.24	5.14
Wood products	1.28	1.30	1.33	1.36	(X)	(X)	(X)	(X)
Nonmetallic mineral products	1.30	1.30	1.30	1.29	(X)	(X)	(X)	(X)
Primary metals	1.47	1.48	1.47	1.48	1.33	1.35	1.35	1.35
Fabricated metal products	1.55	1.56	1.58	1.57	2.35	2.38	2.38	2.35
Machinery	1.87	1.84	1.81	1.87	3.77	3.58	3.49	3.71
Computers and electronic products[2]	1.40	1.46	1.43	1.30	5.23	5.18	5.13	4.92
Electrical equipment, appliances, and components	1.44	1.43	1.44	1.40	2.58	2.46	2.58	2.45
Transportation equipment	1.58	1.59	1.50	1.43	12.31	12.61	12.31	11.63
Furniture and related products	1.22	1.23	1.23	1.23	1.29	1.28	1.24	1.24
Miscellaneous products	1.75	1.77	1.77	1.76	(X)	(X)	(X)	(X)
Nondurable goods industries	0.94	0.97	1.00	0.97	(X)	(X)	(X)	(X)
Food products	0.74	0.75	0.76	0.74	(X)	(X)	(X)	(X)
Beverage and tobacco products	1.32	1.34	1.42	1.36	(X)	(X)	(X)	(X)
Textiles	1.28	1.30	1.31	1.29	(X)	(X)	(X)	(X)
Textile products	1.42	1.43	1.43	1.41	(X)	(X)	(X)	(X)
Apparel	1.72	1.71	1.75	1.69	(X)	(X)	(X)	(X)
Leather and allied products	2.02	2.13	2.16	2.10	(X)	(X)	(X)	(X)
Paper products	1.06	1.07	1.07	1.05	(X)	(X)	(X)	(X)
Printing	0.82	0.83	0.83	0.79	(X)	(X)	(X)	(X)
Petroleum and coal products	0.63	0.71	0.76	0.72	(X)	(X)	(X)	(X)
Chemical products	1.17	1.19	1.20	1.18	(X)	(X)	(X)	(X)
Plastics and rubber products	1.28	1.27	1.24	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	
	Apr[1] 2008	Apr[2] 2007-Mar 2008	Apr[1] 2008	Apr[2] 2007-Mar 2008	Apr[1] 2008	Apr[2] 2007-Mar 2008	Apr[1] 2008	Apr[2] 2007-Mar 2008
All manufacturing industries	(X)	0.1	(X)	0.3	(X)	0.1	(X)	0.1
Durable goods industries	0.4	0.3	-0.1	0.5	-0.1	0.1	0.1	0.1
Wood products	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.6
Nonmetallic mineral products	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.2
Primary metals	0.6	0.3	-0.2	0.9	0.2	0.7	0.2	0.2
Fabricated metal products	0.5	0.4	0.1	0.7	0.0	0.2	-0.1	0.2
Machinery	0.0	0.4	-0.1	1.1	0.0	0.5	0.3	0.2
Computers and electronic products	0.8	1.0	-0.8	1.0	0.0	0.2	0.4	0.3
Electrical equipment, appliances, and components	0.3	0.5	0.3	2.2	0.0	1.0	0.4	0.5
Transportation equipment	0.5	0.6	0.1	1.3	-0.1	0.1	0.1	0.1
Furniture and related products	(X)	0.5	(X)	0.8	(X)	0.7	(X)	0.3
Miscellaneous products	(X)	0.3	(X)	0.6	(X)	1.0	(X)	0.1
Nondurable goods industries	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.1
Food products	(X)	0.2	(X)	(NA)	(X)	(NA)	(X)	0.2
Beverage and tobacco products	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.3
Textiles	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.4
Textile products	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.2
Apparel	(X)	1.9	(X)	(NA)	(X)	(NA)	(X)	0.9
Leather and allied products	(X)	1.6	(X)	(NA)	(X)	(NA)	(X)	1.0
Paper products	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.2
Printing	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.9
Petroleum and coal products	(X)	1.3	(X)	(NA)	(X)	(NA)	(X)	0.8
Chemical products	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.4
Plastics and rubber products	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.4

X Not Applicable NA Not Available

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

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

Survey Description

This report is compiled from results of the U.S. Census Bureau's Manufacturers' Shipments, Inventories, and Orders (M3) survey. This survey provides statistics on manufacturers' value of shipments, new orders (net of cancellations), end-of-month order backlog (unfilled orders), end-of-month total inventory (at current cost or market value), and inventories by stage of fabrication (materials and supplies, work-in-process, and finished goods). The M3 includes approximately 4,300 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.