

U.S. Census Bureau News

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

FOR IMMEDIATE RELEASE
THURSDAY, APRIL 2, 2009, AT 10:00 A.M. EDT

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M3-2 (09)-02
CB09-53

Full Report on Manufacturers' Shipments, Inventories and Orders February 2009

Summary

New orders for manufactured goods in February, up following six consecutive monthly decreases, increased \$6.1 billion or 1.8 percent to \$352.2 billion, the U.S. Census Bureau reported today. This followed a 3.5 percent January decrease. Excluding transportation, new orders increased 1.6 percent.

Shipments, down seven consecutive months, decreased \$0.4 billion or 0.1 percent to \$365.9 billion. This was the longest streak of consecutive monthly decreases since the series was first published on a NAICS basis in 1992 and followed a 2.6 percent January decrease.

Unfilled orders, down five consecutive months, decreased \$10.7 billion or 1.4 percent to \$773.2 billion. This was the longest streak of consecutive monthly decreases since September 2002-January 2003. This followed a 2.0 percent January decrease. The unfilled orders-to-shipments ratio was 5.98, down from 6.07 in January.

Inventories, down six consecutive months, decreased \$6.2 billion or 1.2 percent to \$529.7 billion. This also was the longest streak of consecutive monthly decreases since March 2003-January 2004 and followed a 1.1 percent January decrease. The inventories-to-shipments ratio was 1.45, down from 1.46 in January.

New Orders

New orders for manufactured durable goods in February, up following six consecutive monthly decreases, increased \$5.6 billion or 3.5 percent to \$164.7 billion, revised from the previously published 3.4 percent increase. This followed a 7.8 percent January decrease.

Machinery, up following four consecutive monthly decreases, had the largest increase, \$2.7 billion or 12.7 percent to \$23.7 billion.

New orders for manufactured nondurable goods increased \$0.5 billion or 0.3 percent to \$187.4 billion.

Shipments

Shipments of manufactured durable goods in February, down seven consecutive months, decreased \$0.9 billion or 0.5 percent to \$178.5 billion, unchanged from the previously published decrease. This also was the longest

streak of consecutive monthly decreases since the series was first published on a NAICS basis in 1992 and followed a 5.5 percent January decrease.

Computers and electronic products, down three of the last four months, had the largest decrease, \$0.5 billion or 1.8 percent to \$28.0 billion.

Shipments of manufactured nondurable goods, up two consecutive months, increased \$0.5 billion or 0.3 percent to \$187.4 billion. This followed a 0.5 percent January increase. This increase was due to chemical products, which increased \$1.1 billion or 2.2 percent to \$51.4 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in February, down five consecutive months, decreased \$10.7 billion or 1.4 percent to \$773.2 billion, revised from the previously published 1.3 percent decrease. This followed a 2.0 percent January decrease.

Transportation equipment, down five consecutive months, had the largest decrease, \$5.8 billion or 1.3 percent to \$450.7 billion.

Inventories

Inventories of manufactured durable goods in February, down two consecutive months, decreased \$3.6 billion or 1.1 percent to \$336.1 billion, revised from the previously published 0.9 percent decrease. This followed a 1.1 percent January decrease.

Primary metals, down five consecutive months, had the largest decrease, \$0.8 billion or 2.7 percent to \$30.5 billion.

Inventories of manufactured nondurable goods, down six consecutive months, decreased \$2.6 billion or 1.3 percent to \$193.5 billion. This followed a 1.2 percent January decrease. Petroleum and coal, led the decrease, down \$1.0 billion or 3.9 percent to \$23.7 billion. This also was the sixth consecutive monthly decrease.

By stage of fabrication, February materials and supplies decreased 0.6 percent in durable goods and 1.7 percent in nondurable goods. Work in process decreased 1.1 percent in durable goods and 1.3 percent in nondurable goods. Finished goods decreased 1.6 percent in durable goods and 1.0 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 March is scheduled for release on April 24, 2009, at 8:30 a.m. EDT and the full report on May 1, 2009, 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		
	Feb. 2009 ^p	Jan. 2009 ^r	Dec. 2008	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2009 ^p	Jan. 2009 ^r	Dec. 2008	Feb. 2008	2009 ^p	2008	Percent 2009/2008
All manufacturing industries	365,928	366,366	375,980	-0.1	-2.6	-3.3	336,710	332,396	368,574	417,428	669,106	822,365	-18.6
Excluding transportation	321,651	321,827	329,674	-0.1	-2.4	-3.9	294,295	294,910	321,145	360,824	589,205	715,475	-17.6
Excluding defense	352,928	354,912	364,623	-0.6	-2.7	-3.3	324,197	322,949	355,866	406,568	647,146	802,762	-19.4
With unfilled orders	129,293	129,253	136,840	0.0	-5.5	-1.3	119,036	113,163	137,481	146,327	232,199	282,733	-17.9
Durable goods industries	178,487	179,433	189,910	-0.5	-5.5	-1.5	164,204	158,380	189,369	207,105	322,584	402,169	-19.8
Wood products.....	7,514	7,467	7,533	0.6	-0.9	-3.1	6,800	6,233	6,808	7,658	13,033	14,595	-10.7
Nonmetallic mineral products.....	7,830	7,857	8,053	-0.3	-2.4	-3.2	6,727	6,672	6,903	8,414	13,399	16,643	-19.5
Primary metals.....	14,366	14,594	16,238	-1.6	-10.1	-9.7	13,163	13,563	13,783	21,228	26,726	41,778	-36.0
Iron and steel mills.....	6,247	6,513	7,388	-4.1	-11.8	-13.9	5,588	5,917	6,467	10,478	11,505	20,501	-43.9
Aluminum and nonferrous metals.....	6,734	6,773	7,250	-0.6	-6.6	-6.1	6,302	6,403	5,953	9,051	12,705	17,928	-29.1
Ferrous metal foundries.....	1,385	1,308	1,600	5.9	-18.3	-4.6	1,273	1,243	1,363	1,699	2,516	3,349	-24.9
Fabricated metal products.....	25,109	25,208	26,010	-0.4	-3.1	-3.6	22,902	22,922	23,805	26,066	45,824	51,337	-10.7
Machinery.....	24,761	24,896	28,583	-0.5	-12.9	1.0	22,770	22,475	28,217	28,313	45,245	54,205	-16.5
Farm machinery.....	2,590	2,679	2,531	-3.3	5.8	-1.2	2,663	2,384	2,125	2,280	5,047	4,172	21.0
Construction machinery.....	1,885	2,007	2,226	-6.1	-9.8	-11.7	1,668	1,699	2,259	2,374	3,367	4,454	-24.4
Mining, oil field, and gas field machinery.....	1,568	1,673	1,829	-6.3	-8.5	4.0	1,463	1,537	1,987	1,459	3,000	2,834	5.9
Industrial machinery.....	2,174	2,478	2,638	-12.3	-6.1	-3.8	1,784	2,578	2,977	2,597	4,362	5,784	-24.6
Photographic equipment.....	518	520	477	-0.4	9.0	-6.7	449	418	529	500	867	947	-8.4
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,289	3,149	3,446	4.4	-8.6	2.2	2,807	2,555	3,388	4,326	5,362	7,428	-27.8
Metalworking machinery.....	2,012	1,937	2,176	3.9	-11.0	-5.1	1,793	1,737	2,201	2,244	3,530	4,632	-23.8
Turbines, generators, and other power transmission equipment.....	3,174	3,088	4,925	2.8	-37.3	25.6	2,990	2,882	4,700	3,510	5,872	6,697	-12.3
Material handling equipment.....	1,671	1,688	2,179	-1.0	-22.5	-6.3	1,613	1,564	2,153	2,670	3,177	4,830	-34.2
Computers and electronic products	28,009	28,509	29,897	-1.8	-4.6	0.7	24,778	25,319	34,695	29,690	50,097	59,687	-16.1
Computers.....	2,719	2,747	2,495	-1.0	10.1	6.4	2,412	2,634	2,777	3,025	5,046	6,107	-17.4
Computer storage devices.....	527	492	644	7.1	-23.6	11.2	349	289	1,230	494	638	923	-30.9
Other peripheral equipment.....	1,267	1,216	1,406	4.2	-13.5	7.7	1,034	848	2,132	1,190	1,882	2,165	-13.1
Nondefense communications equipment.....	4,043	4,152	4,634	-2.6	-10.4	-8.8	3,351	3,044	6,101	4,495	6,395	8,403	-23.9
Defense communications equipment.....	805	849	628	-5.2	35.2	-20.4	780	772	636	657	1,552	1,184	31.1
Audio and video equipment.....	480	476	529	0.8	-10.0	-3.5	413	419	699	624	832	1,299	-36.0
Semiconductors.....	3,026	3,841	4,650	-21.2	-17.4	18.3	2,623	4,746	3,957	4,878	7,369	11,541	-36.1
Electronic components.....	3,352	3,430	3,477	-2.3	-1.4	-0.1	3,036	2,956	3,889	3,789	5,992	7,415	-19.2
Nondefense search and navigation equipment.....	914	858	944	6.5	-9.1	8.4	870	723	1,007	924	1,593	1,920	-17.0
Defense search and navigation equipment.....	2,682	2,470	2,651	8.6	-6.8	-6.9	2,623	2,029	2,891	2,640	4,652	4,988	-6.7
Electromedical, measuring, and control instruments.....	7,739	7,510	7,317	3.0	2.6	-1.2	6,875	6,436	8,816	6,472	13,311	12,783	4.1
Electrical equipment, appliances, and components.....	8,809	8,739	9,492	0.8	-7.9	1.0	8,036	7,736	9,074	10,112	15,772	19,704	-20.0
Electric lighting equipment.....	958	985	968	-2.7	1.8	-0.9	915	856	1,008	1,023	1,771	1,928	-8.1
Household appliances.....	1,723	1,745	1,632	-1.3	6.9	-5.3	1,486	1,387	1,693	1,770	2,873	3,351	-14.3
Electrical equipment.....	2,844	2,640	3,363	7.7	-21.5	8.2	2,693	2,516	3,124	3,471	5,209	6,803	-23.4
Batteries.....	732	712	734	2.8	-3.0	5.5	604	630	786	664	1,234	1,401	-11.9
Transportation equipment.....	44,277	44,539	46,306	-0.6	-3.8	0.8	42,415	37,486	47,429	56,604	79,901	106,890	-25.2
Automobiles.....	4,664	4,653	5,544	0.2	-16.1	-10.0	4,476	4,254	5,211	8,060	8,730	15,733	-44.5
Light trucks and utility vehicles.....	5,739	6,062	6,592	-5.3	-8.0	-6.9	5,507	5,261	6,545	11,041	10,768	20,552	-47.6
Heavy duty trucks.....	1,149	1,135	1,396	1.2	-18.7	3.9	1,111	1,121	1,313	1,353	2,232	2,772	-19.5
Motor vehicle bodies, parts, and trailers.....	13,216	13,280	13,783	-0.5	-3.6	-4.8	13,164	12,193	12,052	18,032	25,357	34,474	-26.4
Nondefense aircraft and parts.....	7,791	9,379	8,063	-16.9	16.0	31.8	7,107	6,511	10,022	7,832	13,618	14,989	-9.1
Defense aircraft and parts.....	5,134	4,507	4,853	13.9	-7.1	6.9	4,733	3,598	5,756	4,215	8,331	6,998	19.0
Ships and boats.....	2,120	2,021	2,063	4.9	-2.0	-4.3	2,102	1,697	2,023	2,409	3,799	4,474	-15.1
Furniture and related products.....	5,417	5,381	5,638	0.7	-4.6	-3.8	5,159	4,937	5,422	6,539	10,096	12,729	-20.7
Miscellaneous durable goods.....	12,395	12,243	12,160	1.2	0.7	-2.9	11,454	11,037	13,233	12,481	22,491	24,601	-8.6
Nondurable goods industries.....	187,441	186,933	186,070	0.3	0.5	-5.1	172,506	174,016	179,205	210,323	346,522	420,196	-17.5
Food products.....	50,246	50,188	49,994	0.1	0.4	-0.6	47,428	47,986	49,862	48,625	95,414	96,874	-1.5
Grain and oilseed milling.....	5,761	5,793	5,965	-0.6	-2.9	-0.9	5,442	5,489	5,786	5,642	10,931	11,141	-1.9
Dairy products.....	6,205	6,366	6,553	-2.5	-2.9	-3.0	5,590	6,215	6,640	7,128	11,805	14,680	-19.6
Meat, poultry, and seafood products.....	15,060	15,001	14,715	0.4	1.9	-1.0	14,277	14,182	14,141	14,435	28,459	28,482	-0.1
Beverage and tobacco products.....	11,858	11,533	11,643	2.8	-0.9	2.3	11,042	10,505	11,324	10,163	21,547	20,230	6.5
Beverages.....	8,196	8,068	7,857	1.6	2.7	-1.6	7,380	7,040	7,538	6,863	14,420	13,599	6.0
Tobacco.....	3,662	3,465	3,786	5.7	-8.5	11.5	3,662	3,465	3,786	3,300	7,127	6,631	7.5
Textile mills.....	2,226	2,272	2,364	-2.0	-3.9	-7.1	2,163	2,121	2,085	2,951	4,284	5,685	-24.6
Textile products.....	1,879	1,904	1,930	-1.3	-1.3	-2.6	1,794	1,685	1,648	2,348	3,479	4,473	-22.2
Apparel.....	2,384	2,359	2,458	1.1	-4.0	-1.4	2,306	2,025	2,199	2,636	4,331	4,921	-12.0
Leather and allied products.....	421	426	435	-1.2	-2.1	-0.7	441	352	409	538	793	952	-16.7
Paper products.....	13,346	13,234	13,460	0.8	-1.7	-4.2	12,498	12,927	13,175	13,909	25,425	28,269	-10.1
Pulp, paper, and paperboard mills.....	6,344	6,368	6,455	-0.4	-1.3	-4.8	5,991	6,277	6,359	6,743	12,268	13,825	-11.3
Paperboard containers.....	3,624	3,600	3,666	0.7	-1.8	-2.3	3,289	3,488	3,466	3,855	6,777	7,859	-13.8
Printing.....	7,723	7,758	7,706	-0.5	0.7	-0.7	7,027	7,234	7,787	7,687	14,261	15,506	-8.0
Petroleum and coal products.....	30,417	31,999	29,217	-4.9	9.5	-18.6	26,270	28,569	27,066	49,478	54,839	99,633	-45.0
Petroleum refineries.....	27,022	29,153	26,491	-7.3	10.0	-19.7	23,640	26,260	24,829	47,395	49,900	95,421	-47.7
Chemical products.....	51,396	50,288	50,708	2.2	-0.8	-3.9	47,402	46,774	49,032	55,068	94,176	109,961	-14.4
Pesticides, fertilizers, and other agricultural chemicals.....	3,252	3,033	2,968	7.2	2.2	-10.2	2,995	2,439	2,279	3,227	5,434	5,890	-7.7
Pharmaceuticals and medicines.....	14,969	14,381	14,653	4.1	-1.9	1.4	13,988	13,663	15,089	14,016	27,651	28,167	-1.8
Paints, coatings, and adhesives.....	2,493	2,505	2,253	-0.5	11.2	-10.1	2,271	2,200	1,874	2,636	4,471	5,171	-13.5
Plastics and rubber products.....	15,545	14,972	16,155	3.8	-7.3	-2.2	14,135	13,838	14,618	16,920	27,973	33,692	-17.0

^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		
	Feb. 2009 ^p	Jan. 2009 ^r	Dec. 2008	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2009 ^p	Jan. 2009 ^r	Dec. 2008	Feb. 2008	2009 ^p	2008	Percent 2009/2008
All manufacturing industries ²	352,189	346,120	358,811	1.8	-3.5	-4.9	323,080	319,884	366,003	423,205	642,964	836,545	-23.1
Excluding transportation ²	313,673	308,610	316,246	1.6	-2.4	-5.4	289,118	285,156	308,786	359,720	574,274	715,803	-19.8
Excluding defense ²	339,877	336,726	343,073	0.9	-1.9	-6.3	311,588	310,028	343,911	411,073	621,616	813,107	-23.6
With unfilled orders ²	118,580	112,848	124,321	5.1	-9.2	-5.0	108,029	105,397	138,867	156,982	213,426	308,454	-30.8
Durable goods industries ²	164,748	159,187	172,741	3.5	-7.8	-4.6	150,574	145,868	186,798	212,882	296,442	416,349	-28.8
Primary metals.....	13,031	13,129	14,095	-0.7	-6.9	-11.7	12,079	12,713	12,151	22,041	24,792	43,766	-43.4
Iron and steel mills.....	5,551	5,581	5,845	-0.5	-4.5	-12.3	5,052	5,398	5,112	10,865	10,450	21,952	-52.4
Aluminum and nonferrous metals.....	6,376	6,379	6,830	0.0	-6.6	-9.7	6,020	6,110	5,841	9,375	12,130	18,309	-33.7
Ferrous metal foundries.....	1,104	1,169	1,420	-5.6	-17.7	-18.3	1,007	1,205	1,198	1,801	2,212	3,505	-36.9
Fabricated metal products.....	23,673	23,298	24,800	1.6	-6.1	-4.8	21,985	21,464	22,704	26,843	43,449	52,665	-17.5
Machinery.....	23,690	21,019	23,928	12.7	-12.2	-9.5	21,887	20,379	23,205	27,646	42,266	58,595	-27.9
Construction machinery.....	2,176	771	1,124	182.2	-31.4	-34.3	1,920	993	1,357	2,083	2,913	5,170	-43.7
Mining, oil field, and gas field machinery.....	1,301	1,243	1,629	4.7	-23.7	-9.2	1,234	1,006	1,632	1,607	2,240	3,127	-28.4
Industrial machinery.....	2,003	1,307	1,918	53.3	-31.9	-7.9	1,722	2,006	1,830	2,898	3,728	7,130	-47.7
Photographic equipment.....	487	538	501	-9.5	7.4	0.0	403	549	499	457	952	1,171	-18.7
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,847	3,156	2,574	21.9	22.6	-19.4	3,025	2,741	2,329	2,679	5,766	7,261	-20.6
Metalworking machinery.....	1,633	1,596	1,906	2.3	-16.3	-8.0	1,543	1,608	1,784	2,408	3,151	4,972	-36.6
Turbines, generators, and other power transmission equipment.....	2,820	2,902	4,170	-2.8	-30.4	-9.0	2,727	2,644	4,539	3,872	5,371	7,033	-23.6
Material handling equipment.....	1,248	1,281	1,724	-2.6	-25.7	-15.7	1,361	1,236	1,898	2,974	2,597	5,489	-52.7
Computers and electronic products ²	24,693	23,013	24,834	7.3	-7.3	-6.8	22,800	19,771	31,513	26,384	42,571	50,049	-14.9
Computers.....	2,719	2,343	2,448	16.0	-4.3	-15.3	2,412	2,230	2,730	3,179	4,642	5,685	-18.3
Nondefense communications equipment.....	3,802	3,555	4,463	6.9	-20.3	-8.4	3,769	2,748	5,708	5,269	6,517	9,334	-30.2
Defense communications equipment.....	1,003	1,275	792	-21.3	61.0	18.6	818	1,117	1,045	528	1,935	993	94.9
Semiconductors ²	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	3,186	3,216	3,238	-0.9	-0.7	-4.4	3,028	2,912	3,659	4,142	5,940	7,925	-25.0
Nondefense search and navigation equipment.....	611	597	944	2.3	-36.8	-53.5	562	769	1,002	1,050	1,331	2,257	-41.0
Defense search and navigation equipment.....	3,069	2,433	2,266	26.1	7.4	-19.4	3,385	1,981	3,400	2,808	5,366	5,543	-3.2
Electromedical, measuring, and control instruments.....	7,574	6,942	7,582	9.1	-8.4	7.7	6,618	6,035	9,348	6,598	12,653	12,966	-2.4
Electrical equipment, appliances, and components.....	8,360	8,349	9,251	0.1	-9.8	6.8	8,043	8,013	8,391	11,664	16,056	22,390	-28.3
Electric lighting equipment.....	993	927	899	7.1	3.1	10.0	1,001	865	922	1,191	1,866	2,085	-10.5
Household appliances.....	1,722	1,740	1,633	-1.0	6.6	-2.5	1,549	1,491	1,567	1,892	3,040	3,536	-14.0
Electrical equipment.....	2,494	2,174	3,207	14.7	-32.2	19.0	2,558	2,304	2,577	4,461	4,862	8,718	-44.2
Transportation equipment.....	38,516	37,510	42,565	2.7	-11.9	-1.2	33,962	34,728	57,217	63,485	68,690	120,742	-43.1
Motor vehicle bodies, parts, and trailers.....	13,025	12,878	13,220	1.1	-2.6	-5.6	13,009	12,163	11,804	17,789	25,172	34,216	-26.4
Nondefense aircraft and parts.....	3,886	5,473	2,058	-29.0	165.9	-57.5	1,055	4,041	13,561	12,709	5,096	24,969	-79.6
Defense aircraft and parts.....	5,093	3,848	5,763	32.4	-33.2	15.7	4,653	3,995	7,954	3,981	8,648	8,158	6.0
Ships and boats.....	1,485	712	4,882	108.6	-85.4	186.3	1,417	1,509	5,771	3,333	2,926	5,811	-49.6
Furniture and related products.....	5,321	5,425	5,505	-1.9	-1.5	1.0	5,112	4,981	4,656	6,609	10,093	12,709	-20.6
Nondurable goods industries.....	187,441	186,933	186,070	0.3	0.5	-5.1	172,506	174,016	179,205	210,323	346,522	420,196	-17.5

^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(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 Feb. 09/08
	Feb. 2009 ^P	Jan. 2009 ^F	Dec. 2008	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2009 ^P	Jan. 2009 ^F	Dec. 2008	Feb. 2008	
All manufacturing industries ¹	773,242	783,955	800,360	-1.4	-2.0	-1.5	779,980	790,987	798,753	797,537	-2.2
Excluding transportation ¹	322,537	327,489	336,865	-1.5	-2.8	-2.5	323,356	325,910	330,918	346,890	-6.8
Excluding defense ¹	613,913	623,938	638,283	-1.6	-2.2	-2.6	618,036	628,022	636,197	642,393	-3.8
Durable goods industries ¹	773,242	783,955	800,360	-1.4	-2.0	-1.5	779,980	790,987	798,753	797,537	-2.2
Primary metals.....	16,251	17,586	19,051	-7.6	-7.7	-10.1	16,393	17,477	18,327	29,251	-44.0
Iron and steel mills.....	8,312	9,008	9,940	-7.7	-9.4	-13.4	8,293	8,829	9,348	17,901	-53.7
Aluminum and nonferrous metals.....	5,556	5,914	6,308	-6.1	-6.2	-6.2	5,653	5,935	6,228	8,258	-31.5
Ferrous metal foundries.....	2,383	2,664	2,803	-10.5	-5.0	-6.0	2,447	2,713	2,751	3,092	-20.9
Fabricated metal products.....	55,172	56,608	58,518	-2.5	-3.3	-2.0	54,360	55,277	56,735	60,747	-10.5
Machinery.....	94,611	95,682	99,559	-1.1	-3.9	-4.5	94,932	95,815	97,911	94,777	0.2
Construction machinery.....	12,019	11,728	12,964	2.5	-9.5	-7.8	12,078	11,826	12,532	11,792	2.4
Mining, oil field, and gas field machinery.....	6,556	6,823	7,253	-3.9	-5.9	-2.7	6,521	6,750	7,281	5,124	27.3
Industrial machinery.....	13,664	13,835	15,006	-1.2	-7.8	-4.6	13,787	13,849	14,421	16,257	-15.2
Photographic equipment.....	1,872	1,903	1,885	-1.6	1.0	1.3	1,882	1,928	1,797	1,730	8.8
Ventilation, heating, air-conditioning, and refrigeration equipment.....	16,841	16,283	16,276	3.4	0.0	-5.1	16,553	16,335	16,149	13,331	24.2
Metalworking machinery.....	7,331	7,710	8,051	-4.9	-4.2	-3.2	7,436	7,686	7,815	8,019	-7.3
Turbines, generators, and other power transmission equipment.....	14,091	14,445	14,631	-2.5	-1.3	-4.9	14,216	14,479	14,717	13,864	2.5
Material handling equipment.....	8,288	8,711	9,118	-4.9	-4.5	-4.8	8,491	8,743	9,071	10,565	-19.6
Computers and electronic products ¹	123,086	123,376	125,031	-0.2	-1.3	-0.3	124,422	123,777	124,579	123,670	0.6
Computers.....	3,686	3,686	4,090	0.0	-9.9	-1.1	3,686	3,686	4,090	3,295	11.9
Nondefense communications equipment.....	28,167	28,408	29,005	-0.8	-2.1	-0.6	28,484	28,066	28,362	29,658	-4.0
Defense communications equipment.....	8,914	8,716	8,290	2.3	5.1	2.0	8,775	8,737	8,392	7,499	17.0
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	9,897	10,063	10,277	-1.6	-2.1	-2.3	10,028	10,036	10,080	10,766	-6.9
Nondefense search and navigation equipment.....	8,287	8,590	8,851	-3.5	-2.9	0.0	8,472	8,780	8,734	6,938	22.1
Defense search and navigation equipment.....	37,029	36,642	36,679	1.1	-0.1	-1.0	37,647	36,885	36,933	37,756	-0.3
Electromedical, measuring, and control instruments.....	27,106	27,271	27,839	-0.6	-2.0	1.0	27,330	27,587	27,988	27,758	-1.5
Electrical equipment, appliances, and components.....	21,614	22,063	22,453	-2.0	-1.7	-1.1	21,883	21,876	21,599	25,750	-15.0
Electric lighting equipment.....	2,158	2,123	2,181	1.6	-2.7	-3.1	2,115	2,029	2,020	2,513	-15.8
Household appliances.....	421	422	427	-0.2	-1.2	0.2	500	437	333	757	-33.9
Electrical equipment.....	13,885	14,235	14,701	-2.5	-3.2	-1.1	13,950	14,085	14,297	16,644	-16.2
Transportation equipment.....	450,705	456,466	463,495	-1.3	-1.5	-0.8	456,624	465,077	467,835	450,647	1.3
Motor vehicle bodies, parts, and trailers.....	15,110	15,301	15,703	-1.2	-2.6	-3.5	15,464	15,619	15,649	18,307	-15.5
Nondefense aircraft and parts.....	296,119	300,024	303,930	-1.3	-1.3	-1.9	299,588	305,640	308,110	290,595	3.1
Defense aircraft and parts.....	47,722	47,763	48,422	-0.1	-1.4	1.9	48,544	48,624	48,227	44,462	9.2
Ships and boats.....	21,096	21,731	23,040	-2.9	-5.7	13.9	22,071	22,756	22,944	21,340	3.4
Furniture and related products.....	6,221	6,317	6,273	-1.5	0.7	-2.1	5,784	5,831	5,787	6,744	-14.2

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

Table 4. Value of Manufacturers' Inventories for Industry Groups

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Feb. 09/08
	Feb. 2009 ^P	Jan. 2009 ^F	Dec. 2008	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2009 ^P	Jan. 2009 ^F	Dec. 2008	Feb. 2008	
All manufacturing industries	529,667	535,850	541,986	-1.2	-1.1	-1.9	531,187	534,056	528,015	542,782	-2.1
Excluding transportation	435,194	441,219	446,480	-1.4	-1.2	-2.8	436,462	440,008	436,498	459,080	-4.9
Excluding defense	503,887	509,727	516,703	-1.1	-1.4	-2.0	505,405	507,973	503,167	518,796	-2.6
With unfilled orders	270,854	273,789	276,208	-1.1	-0.9	0.6	271,822	273,106	268,393	259,386	4.8
Durable goods industries	336,137	339,735	343,468	-1.1	-1.1	0.4	338,045	339,202	333,753	326,654	3.5
Wood products	10,226	10,319	10,317	-0.9	0.0	-0.8	10,431	10,484	10,289	10,967	-4.9
Nonmetallic mineral products	11,808	11,924	11,931	-1.0	-0.1	-0.8	12,068	11,977	11,686	12,138	-0.6
Primary metals	30,458	31,299	32,151	-2.7	-2.6	-4.5	29,982	31,039	31,904	30,935	-3.1
Iron and steel mills	17,956	18,432	18,795	-2.6	-1.9	-4.7	17,571	18,324	18,781	16,579	6.0
Aluminum and nonferrous metals	9,798	10,148	10,607	-3.4	-4.3	-4.9	9,657	9,967	10,388	11,684	-17.3
Ferrous metal foundries	2,704	2,719	2,749	-0.6	-1.1	-1.0	2,754	2,748	2,735	2,672	3.1
Fabricated metal products	42,753	43,489	44,251	-1.7	-1.7	-0.4	43,093	43,682	43,413	42,922	0.4
Machinery	54,536	55,279	55,257	-1.3	0.0	0.1	55,439	55,431	53,470	53,730	3.2
Farm machinery	3,441	3,480	3,463	-1.1	0.5	-0.7	3,828	3,719	3,512	3,226	18.7
Construction machinery	5,762	5,657	5,684	1.9	-0.5	0.8	5,848	5,560	5,507	5,446	7.4
Mining, oil field, and gas field machinery	4,857	4,794	4,734	1.3	1.3	1.7	4,872	4,764	4,543	4,239	14.9
Industrial machinery	6,763	6,853	6,832	-1.3	0.3	-1.3	6,821	6,742	6,590	6,612	3.2
Photographic equipment	1,419	1,417	1,418	0.1	-0.1	1.6	1,435	1,439	1,345	1,303	10.1
Ventilation, heating, air-conditioning, and refrigeration equipment	4,448	4,613	4,773	-3.6	-3.4	-0.3	4,508	4,538	4,379	4,961	-9.1
Metalworking machinery	5,287	5,350	5,353	-1.2	-0.1	1.1	5,244	5,282	5,173	5,065	3.5
Turbines, generators, and other power transmission equipment	6,011	6,572	6,095	-8.5	7.8	-0.6	6,057	6,607	5,838	6,020	0.6
Material handling equipment	3,196	3,245	3,393	-1.5	-4.4	0.7	3,235	3,280	3,290	3,343	-3.2
Computers and electronic products	47,205	47,214	47,891	0.0	-1.4	0.9	47,537	47,104	46,646	45,859	3.7
Computers	1,249	1,170	1,262	6.8	-7.3	3.4	1,236	1,081	1,265	1,439	-14.1
Computer storage devices	1,406	1,446	1,607	-2.8	-10.0	2.3	1,425	1,383	1,451	1,602	-11.0
Other peripheral equipment	2,066	2,083	2,274	-0.8	-8.4	5.9	2,093	2,053	2,153	2,070	1.1
Nondefense communications equipment	8,498	8,447	8,461	0.6	-0.2	4.3	8,691	8,597	8,347	8,380	3.7
Defense communications equipment	1,841	1,820	1,798	1.2	1.2	-0.2	1,841	1,820	1,798	1,216	51.4
Audio and video equipment	882	865	871	2.0	-0.7	-2.4	841	848	860	924	-9.0
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components	6,452	6,494	6,477	-0.6	0.3	-4.0	6,489	6,547	6,275	6,699	-3.1
Nondefense search and navigation equipment	5,034	5,015	5,022	0.4	-0.1	-0.1	4,955	4,923	4,865	4,596	7.8
Defense search and navigation equipment	3,583	3,567	3,638	0.4	-2.0	0.4	3,617	3,573	3,550	3,411	6.0
Electromedical, measuring and control instruments	10,957	11,049	10,955	-0.8	0.9	2.0	11,130	11,095	10,688	10,373	7.3
Electrical equipment, appliances, and components	13,780	14,240	14,739	-3.2	-3.4	-1.3	13,985	14,271	14,248	15,560	-10.1
Electric lighting equipment	1,670	1,683	1,717	-0.8	-2.0	-1.5	1,678	1,660	1,623	1,793	-6.4
Household appliances	1,789	1,983	1,965	-9.8	0.9	-1.7	1,841	1,974	1,763	2,074	-11.2
Electrical equipment	4,664	4,775	5,129	-2.3	-6.9	0.2	4,767	4,900	5,124	5,512	-13.5
Batteries	723	749	777	-3.5	-3.6	-0.1	702	719	710	740	-5.1
Transportation equipment	94,473	94,631	95,506	-0.2	-0.9	3.0	94,725	94,048	91,517	83,702	13.2
Automobiles	2,058	2,081	2,532	-1.1	-17.8	-0.7	2,124	2,270	2,233	2,819	-24.7
Light trucks and utility vehicles	2,027	2,157	2,214	-6.0	-2.6	-8.9	1,928	1,938	1,923	2,828	-31.8
Heavy duty trucks	1,623	1,615	1,613	0.5	0.1	-4.2	1,578	1,555	1,527	1,369	15.3
Motor vehicle bodies, parts, and trailers	14,899	15,122	15,380	-1.5	-1.7	-2.1	15,001	15,165	14,904	17,156	-12.6
Nondefense aircraft and parts	47,146	46,662	47,660	1.0	-2.1	7.6	47,280	46,184	45,580	34,494	37.1
Defense aircraft and parts	14,988	15,394	14,654	-2.6	5.0	-0.4	14,916	15,329	14,373	13,681	9.0
Ships and boats	2,964	2,909	2,763	1.9	5.3	-5.8	3,048	2,934	2,719	3,086	-1.2
Furniture and related products	7,278	7,513	7,617	-3.1	-1.4	-1.6	7,123	7,424	7,396	7,871	-9.5
Miscellaneous durable goods	23,620	23,827	23,808	-0.9	0.1	0.4	23,662	23,742	23,184	22,970	3.0
Nondurable goods industries	193,530	196,115	198,518	-1.3	-1.2	-5.5	193,142	194,854	194,262	216,128	-10.6
Food products	35,843	36,342	36,720	-1.4	-1.0	-1.0	35,701	36,222	36,442	37,365	-4.5
Grain and oilseed milling	4,240	4,480	4,646	-5.4	-3.6	-1.9	4,305	4,593	4,628	5,087	-15.4
Dairy products	4,454	4,486	4,452	-0.7	0.8	-1.1	4,403	4,369	4,128	4,432	-0.7
Meat, poultry, and seafood products	7,072	7,268	7,380	-2.7	-1.5	-2.2	7,015	7,135	7,218	7,464	-6.0
Beverage and tobacco products	15,155	15,121	15,243	0.2	-0.8	0.5	15,475	15,431	15,174	15,465	0.1
Beverages	11,300	11,277	11,395	0.2	-1.0	0.5	11,381	11,356	11,211	11,338	0.4
Tobacco	3,855	3,844	3,848	0.3	-0.1	0.5	4,094	4,075	3,963	4,127	-0.8
Textile mills	3,441	3,528	3,633	-2.5	-2.9	-2.0	3,494	3,582	3,622	3,820	-8.5
Textile products	2,914	2,986	3,208	-2.4	-6.9	-1.7	2,920	3,014	3,114	3,358	-13.0
Apparel	4,141	4,205	4,247	-1.5	-1.0	-2.0	4,072	4,185	4,082	4,395	-7.3
Leather and allied products	1,070	1,078	1,056	-0.7	2.1	0.2	1,088	1,119	1,035	1,057	2.9
Paper products	14,873	14,821	14,908	0.4	-0.6	-5.1	14,955	14,822	14,830	15,266	-2.0
Pulp, paper, and paperboard mills	6,422	6,436	6,391	-0.2	0.7	-6.1	6,435	6,417	6,422	6,659	-3.4
Paperboard containers	4,245	4,210	4,234	0.8	-0.6	-5.7	4,325	4,263	4,235	4,264	1.4
Printing	6,596	6,606	7,010	-0.2	-5.8	2.8	6,370	6,258	6,586	6,573	-3.1
Petroleum and coal products	23,728	24,683	25,076	-3.9	-1.6	-21.4	22,432	23,535	23,568	37,681	-40.5
Petroleum refineries	21,186	22,067	22,306	-4.0	-1.1	-23.4	19,928	20,853	20,945	35,121	-43.3
Chemical products	65,288	65,913	66,265	-0.9	-0.5	-3.2	65,863	65,715	64,958	68,735	-4.2
Pesticides, fertilizers, and other agricultural chemicals	3,133	3,226	3,359	-2.9	-4.0	-8.9	3,637	3,626	3,563	3,539	2.8
Pharmaceuticals and medicines	25,021	25,189	24,697	-0.7	2.0	2.3	24,867	24,678	23,889	23,957	3.8
Paints, coatings, and adhesives	3,116	3,113	3,095	0.1	0.6	-0.1	3,172	3,101	2,903	3,196	-0.8
Plastics and rubber products	20,481	20,832	21,152	-1.7	-1.5	-5.9	20,772	20,971	20,851	22,413	-7.3

^P Preliminary ^F 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 2009/2008
	Feb. 2009 ^p	Jan. 2009 ^r	Dec. 2008	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2009 ^p	Jan. 2009 ^r	Dec. 2008	Feb. 2008	2009 ^p	2008	
SHIPMENTS													
All manufacturing industries	365,928	366,366	375,980	-0.1	-2.6	-3.3	336,710	332,396	368,574	417,428	669,106	822,365	-18.6
Construction materials and supplies.....	39,515	38,898	39,615	1.6	-1.8	-3.4	34,800	33,422	35,458	41,054	68,222	79,158	-13.8
Information technology.....	24,701	24,415	25,042	1.2	-2.5	-2.5	21,906	20,382	29,841	24,707	42,288	47,899	-11.7
Computers and related products	4,513	4,455	4,545	1.3	-2.0	7.5	3,795	3,771	6,139	4,709	7,566	9,195	-17.7
Motor vehicle and parts.....	24,768	25,130	27,315	-1.4	-8.0	-6.0	24,258	22,829	25,121	38,486	47,087	73,531	-36.0
Capital goods.....	69,214	69,279	73,234	-0.1	-5.4	1.4	63,669	59,502	79,519	71,903	123,171	139,181	-11.5
Nondefense capital goods ³	59,039	60,571	64,825	-2.5	-6.6	2.6	53,645	52,230	70,538	63,411	105,875	123,429	-14.2
Excluding aircraft.....	55,133	54,816	60,474	0.6	-9.4	0.1	50,150	48,813	64,587	59,177	98,963	115,571	-14.4
Defense capital goods ⁴	10,175	8,708	8,409	16.8	3.6	-7.5	10,024	7,272	8,981	8,492	17,296	15,752	9.8
Consumer goods.....	143,231	144,661	143,904	-1.0	0.5	-5.5	133,115	134,112	141,698	170,560	267,227	338,260	-21.0
Consumer durable goods.....	23,182	23,556	24,965	-1.6	-5.6	-5.8	21,845	20,662	25,189	33,534	42,507	64,274	-33.9
Consumer nondurable goods.....	120,049	121,105	118,939	-0.9	1.8	-5.5	111,270	113,450	116,509	137,026	224,720	273,986	-18.0
NEW ORDERS													
All manufacturing industries ⁵	352,189	346,120	358,811	1.8	-3.5	-4.9	323,080	319,884	366,003	423,205	642,964	836,545	-23.1
Construction materials and supplies.....	39,128	37,666	37,713	3.9	-0.1	-5.6	34,317	32,465	33,322	40,102	66,782	79,740	-16.3
Information technology.....	24,413	23,131	24,875	5.5	-7.0	-6.3	22,506	20,131	30,892	26,155	42,637	49,945	-14.6
Computers and related products	4,513	4,051	4,498	11.4	-9.9	-5.8	3,795	3,367	6,092	4,863	7,162	8,773	-18.4
Motor vehicle and parts.....	24,577	24,728	26,752	-0.6	-7.6	-6.4	24,103	22,799	24,873	38,243	46,902	73,273	-36.0
Capital goods.....	62,494	56,010	66,356	11.6	-15.6	-3.3	55,698	52,113	85,789	81,579	107,811	160,067	-32.6
Nondefense capital goods ³	52,470	48,637	53,964	7.9	-9.9	-10.3	46,207	44,279	68,092	72,013	90,486	141,171	-35.9
Excluding aircraft.....	52,163	48,698	55,499	7.1	-12.3	-5.9	48,974	45,574	58,742	63,745	94,548	124,828	-24.3
Defense capital goods ⁴	10,024	7,373	12,392	36.0	-40.5	45.6	9,491	7,834	17,697	9,566	17,325	18,896	-8.3
Consumer goods.....	142,958	144,487	143,933	-1.1	0.4	-5.5	132,909	134,162	141,434	170,415	267,071	338,150	-21.0
Consumer durable goods.....	22,909	23,382	24,994	-2.0	-6.4	-5.7	21,639	20,712	24,925	33,389	42,351	64,164	-34.0
Consumer nondurable goods.....	120,049	121,105	118,939	-0.9	1.8	-5.5	111,270	113,450	116,509	137,026	224,720	273,986	-18.0
UNFILLED ORDERS													
All manufacturing industries ⁵	773,242	783,955	800,360	-1.4	-2.0	-1.5	779,980	790,987	798,753	797,537	(X)	(X)	-2.2
Construction materials and supplies.....	50,143	50,530	51,762	-0.8	-2.4	-3.5	48,944	49,427	50,384	51,150	(X)	(X)	-4.3
Information technology.....	120,211	120,499	121,783	-0.2	-1.1	-0.1	121,594	120,994	121,245	120,470	(X)	(X)	0.9
Computers and related products	3,686	3,686	4,090	0.0	-9.9	-1.1	3,686	3,686	4,090	3,295	(X)	(X)	11.9
Motor vehicle and parts.....	15,110	15,301	15,703	-1.2	-2.6	-3.5	15,464	15,619	15,649	18,307	(X)	(X)	-15.5
Capital goods.....	592,008	598,728	611,997	-1.1	-2.2	-1.1	598,575	606,546	613,935	596,343	(X)	(X)	0.4
Nondefense capital goods ³	448,589	455,158	467,092	-1.4	-2.6	-2.3	452,881	460,319	468,270	456,557	(X)	(X)	-0.8
Excluding aircraft.....	187,539	190,509	196,627	-1.6	-3.1	-2.5	188,767	189,943	193,182	198,041	(X)	(X)	-4.7
Defense capital goods ⁴	143,419	143,570	144,905	-0.1	-0.9	2.8	145,694	146,227	145,665	139,786	(X)	(X)	4.2
Consumer goods.....	7,759	8,032	8,206	-3.4	-2.1	0.4	7,841	8,047	7,997	9,054	(X)	(X)	-13.4
Consumer durable goods.....	7,759	8,032	8,206	-3.4	-2.1	0.4	7,841	8,047	7,997	9,054	(X)	(X)	-13.4
TOTAL INVENTORIES													
All manufacturing industries	529,667	535,850	541,986	-1.2	-1.1	-1.9	531,187	534,056	528,015	542,782	(X)	(X)	-2.1
Construction materials and supplies.....	58,073	59,152	60,241	-1.8	-1.8	-0.4	58,856	59,521	58,638	60,642	(X)	(X)	-2.9
Information technology.....	42,289	42,356	42,904	-0.2	-1.3	1.4	42,659	42,237	41,777	41,188	(X)	(X)	3.6
Computers and related products	4,721	4,699	5,143	0.5	-8.6	4.2	4,754	4,517	4,869	5,111	(X)	(X)	-7.0
Motor vehicle and parts.....	20,607	20,975	21,739	-1.8	-3.5	-2.8	20,631	20,928	20,587	24,172	(X)	(X)	-14.6
Capital goods.....	165,376	165,898	166,830	-0.3	-0.6	2.1	166,616	165,247	161,853	151,231	(X)	(X)	10.2
Nondefense capital goods ³	145,457	145,670	147,242	-0.1	-1.1	2.4	146,623	144,994	142,419	132,282	(X)	(X)	10.8
Excluding aircraft.....	107,938	108,696	109,559	-0.7	-0.8	0.5	109,001	108,437	106,416	106,080	(X)	(X)	2.8
Defense capital goods ⁴	19,919	20,228	19,588	-1.5	3.3	0.1	19,993	20,253	19,434	18,949	(X)	(X)	5.5
Consumer goods.....	144,151	146,569	147,761	-1.6	-0.8	-4.9	143,016	145,179	143,554	162,293	(X)	(X)	-11.9
Consumer durable goods.....	26,880	27,656	28,280	-2.8	-2.2	-1.1	27,060	27,814	26,970	29,406	(X)	(X)	-8.0
Consumer nondurable goods.....	117,271	118,913	119,481	-1.4	-0.5	-5.8	115,956	117,365	116,584	132,887	(X)	(X)	-12.7

^p Preliminary ^r Revised X Not Applicable.

¹ Topical series are regroupings of the separate industry categories.

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

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

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

⁵ Estimates and percent changes exclude semiconductor industry data.

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

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

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

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Feb. 09/08
	Feb. 2009 ^p	Jan. 2009 ^f	Dec. 2008	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2009 ^p	Jan. 2009 ^f	Dec. 2008	Feb. 2008	
MATERIALS AND SUPPLIES											
All manufacturing industries.....	180,804	182,647	184,108	-1.0	-0.8	-2.2	180,525	183,052	182,664	186,012	-2.9
Durable goods industries.....	115,192	115,899	116,199	-0.6	-0.3	-0.4	115,080	116,165	115,442	110,838	3.8
Wood products.....	4,280	4,285	4,242	-0.1	1.0	-0.6	4,328	4,506	4,505	4,397	-1.6
Nonmetallic mineral products.....	4,731	4,696	4,624	0.7	1.6	-1.7	4,744	4,697	4,602	4,848	-2.1
Primary metals.....	14,368	14,531	14,495	-1.1	0.2	1.1	14,024	14,509	14,786	11,265	24.5
Fabricated metal products.....	16,270	16,606	16,832	-2.0	-1.3	-0.6	16,345	16,772	16,826	15,513	5.4
Machinery.....	21,579	21,669	21,109	-0.4	2.7	-2.0	21,658	21,858	20,683	20,121	7.6
Computers and electronic products	15,464	15,322	15,313	0.9	0.1	-0.4	15,458	15,159	15,217	15,689	-1.5
Electrical equipment, appliances, and components.....	5,477	5,807	5,848	-5.7	-0.7	-0.8	5,565	5,861	5,789	6,176	-9.9
Transportation equipment.....	21,941	21,654	22,433	1.3	-3.5	0.7	21,916	21,488	21,908	21,630	1.3
Furniture and related products.....	3,451	3,590	3,660	-3.9	-1.9	-1.7	3,414	3,569	3,613	3,746	-8.9
Miscellaneous products.....	7,631	7,739	7,643	-1.4	1.3	0.0	7,628	7,746	7,513	7,453	2.3
Nondurable goods industries.....	65,612	66,748	67,909	-1.7	-1.7	-5.1	65,445	66,887	67,222	75,174	-12.9
Food products.....	12,931	13,357	13,439	-3.2	-0.6	-0.6	13,044	13,670	13,484	14,033	-7.0
Beverage and tobacco products.....	4,424	4,339	4,388	2.0	-1.1	-2.0	4,588	4,546	4,555	4,712	-2.6
Textiles.....	1,020	1,060	1,105	-3.8	-4.1	-3.6	1,030	1,074	1,111	1,225	-15.9
Textile products.....	1,124	1,122	1,242	0.2	-9.7	-4.2	1,114	1,122	1,220	1,276	-12.7
Apparel.....	1,014	1,032	1,031	-1.7	0.1	0.1	1,022	1,039	1,037	1,084	-5.7
Leather and allied products.....	398	395	359	0.8	10.0	0.8	401	402	355	403	-0.5
Paper products.....	7,226	7,267	7,152	-0.6	1.6	-4.4	7,270	7,340	7,164	7,347	-1.0
Printing.....	3,103	3,062	3,303	1.3	-7.3	5.3	2,996	2,965	3,195	2,930	2.3
Petroleum and coal products.....	7,028	7,301	7,479	-3.7	-2.4	-26.1	6,540	6,853	7,054	11,576	-43.5
Chemical products.....	19,137	19,442	20,030	-1.6	-2.9	-0.8	19,228	19,441	19,657	21,831	-11.9
Plastics and rubber products.....	8,207	8,371	8,381	-2.0	-0.1	-5.1	8,212	8,435	8,390	8,757	-6.2
WORK IN PROCESS											
All manufacturing industries.....	164,514	166,393	166,958	-1.1	-0.3	0.4	164,987	165,801	161,259	158,174	4.3
Durable goods industries	128,124	129,512	130,607	-1.1	-0.8	2.0	128,641	129,094	125,734	117,102	9.9
Wood products.....	1,784	1,816	1,838	-1.8	-1.2	-4.2	1,790	1,787	1,792	1,973	-9.3
Nonmetallic mineral products.....	1,402	1,430	1,416	-2.0	1.0	0.6	1,460	1,440	1,331	1,408	3.7
Primary metals.....	8,298	8,626	9,190	-3.8	-6.1	-8.3	8,110	8,430	8,794	10,030	-19.1
Fabricated metal products.....	12,754	13,181	13,441	-3.2	-1.9	0.2	12,802	13,178	13,031	13,187	-2.9
Machinery.....	15,458	15,774	15,946	-2.0	-1.1	3.1	15,452	15,432	14,984	14,597	5.9
Computers and electronic products	21,840	21,953	22,096	-0.5	-0.6	1.1	22,053	22,067	21,282	19,999	10.3
Electrical equipment, appliances, and components.....	2,855	2,903	3,052	-1.7	-4.9	-3.6	2,864	2,874	2,916	3,258	-12.1
Transportation equipment.....	59,087	59,113	58,962	0.0	0.3	5.1	59,484	59,246	57,125	47,908	24.2
Furniture and related products.....	1,251	1,285	1,236	-2.6	4.0	-0.4	1,237	1,278	1,220	1,296	-4.6
Miscellaneous products.....	3,395	3,431	3,430	-1.0	0.0	-1.3	3,389	3,362	3,259	3,446	-1.7
Nondurable goods industries.....	36,390	36,881	36,351	-1.3	1.5	-5.0	36,346	36,707	35,525	41,072	-11.5
Food products.....	2,204	2,238	2,294	-1.5	-2.4	-5.6	2,260	2,392	2,482	2,619	-13.7
Beverage and tobacco products.....	4,273	4,273	4,212	0.0	1.4	0.8	4,454	4,519	4,500	4,453	0.0
Textiles.....	744	770	821	-3.4	-6.2	-6.8	744	779	805	910	-18.2
Textile products.....	365	369	398	-1.1	-7.3	-0.7	364	366	372	437	-16.7
Apparel.....	594	595	616	-0.2	-3.4	-2.1	583	594	588	654	-10.9
Leather and allied products.....	89	96	110	-7.3	-12.7	-3.5	92	98	104	97	-5.2
Paper products.....	1,396	1,382	1,424	1.0	-2.9	-9.8	1,381	1,370	1,425	1,456	-5.2
Printing.....	1,610	1,635	1,766	-1.5	-7.4	5.1	1,563	1,484	1,586	1,770	-11.7
Petroleum and coal products.....	6,559	7,082	6,474	-7.4	9.4	-25.5	6,412	6,811	6,002	12,333	-48.0
Chemical products.....	16,176	16,068	15,848	0.7	1.4	4.6	16,056	15,893	15,332	13,785	16.5
Plastics and rubber products.....	2,380	2,373	2,388	0.3	-0.6	-5.9	2,437	2,401	2,329	2,558	-4.7
FINISHED GOODS											
All manufacturing industries.....	184,349	186,810	190,920	-1.3	-2.2	-3.4	185,675	185,203	184,092	198,596	-6.5
Durable goods industries	92,821	94,324	96,662	-1.6	-2.4	-0.8	94,324	93,943	92,577	98,714	-4.4
Wood products.....	4,162	4,218	4,237	-1.3	-0.4	0.6	4,313	4,191	3,992	4,597	-6.2
Nonmetallic mineral products.....	5,675	5,798	5,891	-2.1	-1.6	-0.4	5,864	5,840	5,753	5,882	-0.3
Primary metals.....	7,792	8,142	8,466	-4.3	-3.8	-8.9	7,848	8,100	8,324	9,640	-18.6
Fabricated metal products.....	13,729	13,702	13,978	0.2	-2.0	-0.6	13,946	13,732	13,556	14,222	-1.9
Machinery.....	17,499	17,836	18,202	-1.9	-2.0	0.1	18,329	18,141	17,803	19,012	-3.6
Computers and electronic products	9,901	9,939	10,482	-0.4	-5.2	2.3	10,026	9,878	10,147	10,171	-1.4
Electrical equipment, appliances, and components.....	5,448	5,530	5,839	-1.5	-5.3	-0.7	5,556	5,536	5,543	6,126	-9.3
Transportation equipment.....	13,445	13,864	14,111	-3.0	-1.8	-1.4	13,325	13,314	12,484	14,164	-5.9
Furniture and related products.....	2,576	2,638	2,721	-2.4	-3.1	-1.8	2,472	2,577	2,563	2,829	-12.6
Miscellaneous products.....	12,594	12,657	12,735	-0.5	-0.6	1.0	12,645	12,634	12,412	12,071	4.8
Nondurable goods industries.....	91,528	92,486	94,258	-1.0	-1.9	-5.9	91,351	91,260	91,515	99,882	-8.5
Food products.....	20,708	20,747	20,987	-0.2	-1.1	-0.8	20,397	20,160	20,476	20,713	-1.5
Beverage and tobacco products.....	6,458	6,509	6,643	-0.8	-2.0	2.0	6,433	6,366	6,119	6,300	2.1
Textiles.....	1,677	1,698	1,707	-1.2	-0.5	1.7	1,720	1,729	1,706	1,685	2.1
Textile products.....	1,425	1,495	1,568	-4.7	-4.7	0.0	1,442	1,526	1,522	1,645	-12.3
Apparel.....	2,533	2,578	2,600	-1.7	-0.8	-2.8	2,467	2,552	2,457	2,657	-7.2
Leather and allied products.....	583	587	587	-0.7	0.0	0.5	595	619	576	557	6.8
Paper products.....	6,251	6,172	6,332	1.3	-2.5	-4.7	6,304	6,112	6,241	6,463	-2.5
Printing.....	1,883	1,909	1,941	-1.4	-1.6	-3.1	1,811	1,809	1,805	1,873	-3.3
Petroleum and coal products.....	10,141	10,300	11,123	-1.5	-7.4	-15.1	9,480	9,871	10,512	13,772	-31.2
Chemical products.....	29,975	30,403	30,387	-1.4	0.1	-8.2	30,579	30,381	29,969	33,119	-7.7
Plastics and rubber products.....	9,894	10,088	10,383	-1.9	-2.8	-6.5	10,123	10,135	10,132	11,098	-8.8

^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			
	Feb 2009 ^p	Jan 2009 ^r	Dec 2008	Nov 2008	Feb 2009 ^p	Jan 2009 ^r	Dec 2008	Nov 2008
All manufacturing industries ²	1.45	1.46	1.44	1.42	(X)	(X)	(X)	(X)
Durable goods industries ²	1.88	1.89	1.81	1.78	5.98	6.07	5.85	5.87
Wood products.....	1.36	1.38	1.37	1.34	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.51	1.52	1.48	1.45	(X)	(X)	(X)	(X)
Primary metals.....	2.12	2.14	1.98	1.87	1.13	1.21	1.17	1.18
Fabricated metal products.....	1.70	1.73	1.70	1.65	2.27	2.33	2.32	2.28
Machinery.....	2.20	2.22	1.93	1.95	4.38	4.41	3.90	4.14
Computers and electronic products ²	1.69	1.66	1.60	1.60	5.53	5.60	5.65	5.50
Electrical equipment, appliances, and components.....	1.56	1.63	1.55	1.59	2.68	2.75	2.56	2.61
Transportation equipment.....	2.13	2.12	2.06	2.02	13.77	13.96	14.14	14.90
Furniture and related products.....	1.34	1.40	1.35	1.32	1.32	1.35	1.27	1.24
Miscellaneous products.....	1.91	1.95	1.96	1.89	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.03	1.05	1.07	1.07	(X)	(X)	(X)	(X)
Food products.....	0.71	0.72	0.73	0.74	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.28	1.31	1.31	1.33	(X)	(X)	(X)	(X)
Textiles.....	1.55	1.55	1.54	1.46	(X)	(X)	(X)	(X)
Textile products.....	1.55	1.57	1.66	1.65	(X)	(X)	(X)	(X)
Apparel.....	1.74	1.78	1.73	1.74	(X)	(X)	(X)	(X)
Leather and allied products.....	2.54	2.53	2.43	2.41	(X)	(X)	(X)	(X)
Paper products.....	1.11	1.12	1.11	1.12	(X)	(X)	(X)	(X)
Printing.....	0.85	0.85	0.91	0.88	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.78	0.77	0.86	0.89	(X)	(X)	(X)	(X)
Chemical products.....	1.27	1.31	1.31	1.30	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.32	1.39	1.31	1.36	(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	
	Feb ¹ 2009	Feb ² 2008- Jan 2009	Feb ¹ 2009	Feb ² 2008- Jan 2009	Feb ¹ 2009	Feb ² 2008- Jan 2009	Feb ¹ 2009	Feb ² 2008- Jan 2009
All manufacturing industries.....	(X)	0.4	(X)	0.7	(X)	0.2	(X)	0.1
Durable goods industries.....	0.0	0.6	0.1	1.2	-0.1	0.2	-0.2	0.1
Wood products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.6
Nonmetallic mineral products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.3
Primary metals.....	-0.2	0.8	-0.1	1.7	0.0	0.7	-0.1	0.3
Fabricated metal products.....	0.1	0.6	0.1	1.3	-0.1	0.4	0.0	0.3
Machinery.....	-0.3	0.8	-0.8	2.4	-0.4	0.6	-0.2	0.2
Computers and electronic products.....	0.2	1.0	1.7	1.1	0.3	0.2	-0.2	0.3
Electrical equipment, appliances, and components.....	0.3	0.7	-1.5	3.5	-1.0	1.3	-1.0	0.5
Transportation equipment.....	0.2	0.7	0.7	1.6	0.0	0.1	-0.2	0.1
Furniture and related products.....	(X)	0.8	(X)	1.1	(X)	0.5	(X)	0.3
Miscellaneous products.....	(X)	0.7	(X)	0.8	(X)	0.7	(X)	0.2
Nondurable goods industries.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.3
Food products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.3
Beverage and tobacco products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.2
Textiles.....	(X)	1.0	(X)	(NA)	(X)	(NA)	(X)	0.6
Textile products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.3
Apparel.....	(X)	1.4	(X)	(NA)	(X)	(NA)	(X)	0.5
Leather and allied products.....	(X)	1.1	(X)	(NA)	(X)	(NA)	(X)	1.0
Paper products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.4
Printing.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.7
Petroleum and coal products.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	1.0
Chemical products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.2
Plastics and rubber products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.5

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>.