

U.S. Census Bureau News

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

FOR IMMEDIATE RELEASE
THURSDAY, MARCH 5, 2009, AT 10:00 A.M. EST

Chris Savage or Jessica Young
Manufacturing and Construction Division
(301) 763-4832

M3-2 (09)-01
CB09-37

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

Summary

New orders for manufactured goods in January, down six consecutive months, decreased \$6.9 billion or 1.9 percent to \$351.9 billion, the U.S. Census Bureau reported today. This was the longest streak of consecutive monthly decreases since the series was first published on a NAICS basis in 1992 and followed a 4.9 percent December decrease. Excluding transportation, new orders decreased 0.9 percent.

Shipments, also down six consecutive months, decreased \$6.6 billion or 1.7 percent to \$369.4 billion. 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 3.3 percent December decrease.

Unfilled orders, down four consecutive months, decreased \$13.5 billion or 1.7 percent to \$786.8 billion. This was the longest streak of consecutive monthly decreases since September 2002-January 2003 and was the largest percent decrease in unfilled orders since June 2002. This followed a 1.5 percent December decrease. The unfilled orders-to-shipments ratio was 5.97, up from 5.85 in December.

Inventories, down five consecutive months, decreased \$4.4 billion or 0.8 percent to \$537.6 billion. This also was the longest streak of consecutive monthly decreases since March 2003-January 2004 and followed a 1.9 percent December decrease. The inventories-to-shipments ratio was 1.46, up from 1.44 in December.

New Orders

New orders for manufactured durable goods in January, down six consecutive months, decreased \$7.8 billion or 4.5 percent to \$164.9 billion, revised from the previously published 5.2 percent 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 4.6 percent December decrease.

Transportation equipment, down five of the last six months, had the largest decrease, \$4.0 billion or 9.3 percent to \$38.6 billion.

New orders for manufactured nondurable goods increased \$1.0 billion or 0.5 percent to \$187.0 billion.

Shipments

Shipments of manufactured durable goods in January, down six consecutive months, decreased \$7.5 billion or

4.0 percent to \$182.4 billion, revised from the previously published 3.7 percent 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 1.5 percent December decrease.

Machinery, down three of the last four months, had the largest decrease, \$2.6 billion or 9.2 percent to \$26.0 billion.

Shipments of manufactured nondurable goods, up following five consecutive monthly decreases, increased \$1.0 billion or 0.5 percent to \$187.0 billion. This followed a 5.1 percent December decrease. This increase was due to petroleum and coal products, which increased \$2.7 billion or 9.4 percent to \$32.0 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in January, down four consecutive months, decreased \$13.5 billion or 1.7 percent to \$786.8 billion, revised from the previously published 1.9 percent decrease. This followed a 1.5 percent December decrease.

Transportation equipment, down four consecutive months, had the largest decrease, \$6.4 billion or 1.4 percent to \$457.1 billion.

Inventories

Inventories of manufactured durable goods in January, down following sixteen consecutive monthly increases, decreased \$2.8 billion or 0.8 percent to \$340.7 billion, unchanged from the previously published decrease. This followed a 0.4 percent December increase.

Transportation equipment, down following three consecutive monthly increases, had the largest decrease, \$0.9 billion or 0.9 percent to \$94.6 billion.

Inventories of manufactured nondurable goods, down five consecutive months, decreased \$1.6 billion or 0.8 percent to \$196.9 billion. This followed a 5.5 percent December decrease. Printing led the decrease, down \$0.4 billion or 5.8 percent to \$6.6 billion.

By stage of fabrication, January materials and supplies decreased 0.1 percent in durable goods and 1.5 percent in nondurable goods. Work in process decreased 0.5 percent in durable goods and increased 2.0 percent in nondurable goods. Finished goods decreased 2.1 percent in durable goods and 1.4 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 February is scheduled for release on March 25, 2009, at 8:30 a.m. EDT and the full report on April 2, 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		
	Jan. 2009 ^p	Dec. 2008 ^r	Nov. 2008	Dec. - Jan.	Nov. - Dec.	Oct. - Nov.	Jan. 2009 ^p	Dec. 2008 ^r	Nov. 2008	Jan. 2008	2009 ^p	2008	Percent 2009/2008
All manufacturing industries	369,404	375,980	388,928	-1.7	-3.3	-6.5	335,500	368,574	372,138	404,937	335,500	404,937	-17.1
Excluding transportation	324,418	329,674	342,992	-1.6	-3.9	-6.8	297,599	321,145	327,781	354,651	297,599	354,651	-16.1
Excluding defense	357,500	364,623	377,074	-2.0	-3.3	-6.6	325,560	355,866	359,884	396,194	325,560	396,194	-17.8
With unfilled orders	131,842	136,840	138,596	-3.7	-1.3	-3.9	115,609	137,481	130,637	136,406	115,609	136,406	-15.2
Durable goods industries	182,372	189,910	192,772	-4.0	-1.5	-4.2	161,040	189,369	181,580	195,064	161,040	195,064	-17.4
Wood products.....	7,469	7,533	7,774	-0.8	-3.1	-3.2	6,248	6,808	7,210	6,937	6,248	6,937	-9.9
Nonmetallic mineral products.....	7,902	8,053	8,315	-1.9	-3.2	-6.8	6,735	6,903	7,798	8,229	6,735	8,229	-18.2
Primary metals.....	14,767	16,238	17,975	-9.1	-9.7	-9.4	13,729	13,783	15,928	20,550	13,729	20,550	-33.2
Iron and steel mills.....	6,516	7,388	8,579	-11.8	-13.9	-13.6	5,932	6,467	7,531	10,023	5,932	10,023	-40.8
Aluminum and nonferrous metals.....	6,920	7,250	7,718	-4.6	-6.1	-4.8	6,537	5,953	6,933	8,877	6,537	8,877	-26.4
Ferrous metal foundries.....	1,331	1,600	1,678	-16.8	-4.6	-7.2	1,260	1,363	1,464	1,650	1,260	1,650	-23.6
Fabricated metal products.....	25,542	26,010	26,990	-1.8	-3.6	-2.1	23,242	23,805	25,034	25,271	23,242	25,271	-8.0
Machinery.....	25,960	28,583	28,305	-9.2	1.0	-0.5	23,292	28,217	25,441	25,892	23,292	25,892	-10.0
Farm machinery.....	2,683	2,531	2,563	6.0	-1.2	-3.1	2,372	2,125	1,944	1,892	2,372	1,892	25.4
Construction machinery.....	2,084	2,226	2,521	-6.4	-11.7	-1.6	1,744	2,259	2,191	2,080	1,744	2,080	-16.2
Mining, oil field, and gas field machinery.....	1,916	1,829	1,759	4.8	4.0	-3.6	1,798	1,987	1,708	1,375	1,798	1,375	30.8
Industrial machinery.....	2,615	2,638	2,741	-0.9	-3.8	2.2	2,610	2,977	2,230	3,187	2,610	3,187	-18.1
Photographic equipment.....	518	477	511	8.6	-6.7	-10.5	418	529	561	447	418	447	-6.5
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,193	3,446	3,373	-7.3	2.2	-5.8	2,601	3,388	3,105	3,102	2,601	3,102	-16.2
Metalworking machinery.....	2,052	2,176	2,294	-5.7	-5.1	-2.1	1,841	2,201	2,105	2,388	1,841	2,388	-22.9
Turbines, generators, and other power transmission equipment.....	3,140	4,925	3,920	-36.2	25.6	13.3	2,922	4,700	3,723	3,187	2,922	3,187	-8.3
Material handling equipment.....	1,948	2,179	2,325	-10.6	-6.3	-1.0	1,730	2,153	2,118	2,160	1,730	2,160	-19.9
Computers and electronic products	29,162	29,897	29,694	-2.5	0.7	-5.0	25,883	34,695	28,637	29,997	25,883	29,997	-13.7
Computers.....	2,691	2,495	2,344	7.9	6.4	-15.1	2,591	2,777	2,146	3,082	2,591	3,082	-15.9
Computer storage devices.....	491	644	579	-23.8	11.2	-7.5	289	1,230	427	429	289	429	-32.6
Other peripheral equipment.....	1,274	1,406	1,305	-9.4	7.7	5.2	906	2,132	1,219	975	906	975	-7.1
Nondefense communications equipment.....	4,597	4,634	5,079	-0.8	-8.8	8.2	3,435	6,101	5,232	3,908	3,435	3,908	-12.1
Defense communications equipment.....	855	628	789	36.1	-20.4	3.0	773	636	861	527	773	527	46.7
Audio and video equipment.....	476	529	548	-10.0	-3.5	-8.7	419	699	685	675	419	675	-37.9
Semiconductors.....	3,936	4,650	3,932	-15.4	18.3	-21.9	4,756	3,957	3,537	6,663	4,756	6,663	-28.6
Electronic components.....	3,429	3,477	3,481	-1.4	-0.1	-6.6	2,964	3,889	3,410	3,626	2,964	3,626	-18.3
Nondefense search and navigation equipment.....	938	944	871	-0.6	8.4	-7.2	809	1,007	823	996	809	996	-18.8
Defense search and navigation equipment.....	2,640	2,651	2,849	-0.4	-6.9	2.4	2,185	2,891	2,905	2,348	2,185	2,348	-6.9
Electromedical, measuring, and control instruments.....	7,380	7,317	7,403	0.9	-1.2	-2.2	6,337	8,816	6,778	6,311	6,337	6,311	0.4
Electrical equipment, appliances, and components.....	8,877	9,492	9,399	-6.5	1.0	-9.0	7,873	9,074	8,959	9,592	7,873	9,592	-17.9
Electric lighting equipment.....	987	968	977	2.0	-0.9	-4.1	856	1,008	914	905	856	905	-5.4
Household appliances.....	1,747	1,632	1,724	7.0	-5.3	-9.2	1,381	1,693	1,654	1,581	1,381	1,581	-12.7
Electrical equipment.....	2,655	3,363	3,107	-21.1	8.2	-9.3	2,535	3,124	2,855	3,332	2,535	3,332	-23.9
Batteries.....	749	734	696	2.0	5.5	-21.1	679	786	872	737	679	737	-7.9
Transportation equipment.....	44,986	46,306	45,936	-2.9	0.8	-4.4	37,901	47,429	44,357	50,286	37,901	50,286	-24.6
Automobiles.....	4,679	5,544	6,158	-15.6	-10.0	-4.2	4,254	5,211	5,830	7,673	4,254	7,673	-44.6
Light trucks and utility vehicles.....	6,185	6,592	7,083	-6.2	-6.9	-2.1	5,261	6,545	6,612	9,511	5,261	9,511	-44.7
Heavy duty trucks.....	1,129	1,396	1,343	-19.1	3.9	6.3	1,121	1,313	1,239	1,419	1,121	1,419	-21.0
Motor vehicle bodies, parts, and trailers.....	13,338	13,783	14,472	-3.2	-4.8	-0.9	12,208	12,052	13,538	16,442	12,208	16,442	-25.8
Nondefense aircraft and parts.....	9,295	8,083	6,134	15.0	31.8	-10.6	6,512	10,022	6,164	7,157	6,512	7,157	-9.0
Defense aircraft and parts.....	4,753	4,853	4,539	-2.1	6.9	-4.6	3,837	5,756	4,726	2,783	3,837	2,783	37.9
Ships and boats.....	2,055	2,063	2,156	-0.4	-4.3	-3.2	1,738	2,023	2,156	2,065	1,738	2,065	-15.8
Furniture and related products.....	5,479	5,638	5,858	-2.8	-3.8	-3.0	5,067	5,422	5,701	6,190	5,067	6,190	-18.1
Miscellaneous durable goods.....	12,228	12,160	12,526	0.6	-2.9	-0.6	11,070	13,233	12,515	12,120	11,070	12,120	-8.7
Nondurable goods industries.....	187,032	186,070	196,156	0.5	-5.1	-8.7	174,460	179,205	190,558	209,873	174,460	209,873	-16.9
Food products.....	50,217	49,994	50,308	0.4	-0.6	-1.6	48,054	49,862	51,435	48,249	48,054	48,249	-0.4
Grain and oilseed milling.....	5,857	5,965	6,018	-1.8	-0.9	-2.5	5,526	5,786	6,187	5,499	5,526	5,499	0.5
Dairy products.....	6,349	6,553	6,756	-3.1	-3.0	-2.9	6,163	6,640	6,948	7,552	6,163	7,552	-18.4
Meat, poultry, and seafood products.....	14,989	14,715	14,858	1.9	-1.0	-3.9	14,208	14,141	14,938	14,047	14,208	14,047	1.1
Beverage and tobacco products.....	11,390	11,643	11,380	-2.2	2.3	-2.8	10,365	11,324	11,425	10,067	10,365	10,067	3.0
Beverages.....	7,925	7,857	7,985	0.9	-1.6	1.0	6,900	7,538	8,030	6,736	6,900	6,736	2.4
Tobacco.....	3,465	3,786	3,395	-8.5	11.5	-10.8	3,465	3,786	3,395	3,331	3,465	3,331	4.0
Textile mills.....	2,332	2,364	2,545	-1.4	-7.1	-5.8	2,145	2,085	2,456	2,734	2,145	2,734	-21.5
Textile products.....	1,906	1,930	1,982	-1.2	-2.6	-4.6	1,691	1,648	1,908	2,125	1,691	2,125	-20.4
Apparel.....	2,382	2,458	2,493	-3.1	-1.4	-0.5	2,050	2,199	2,707	2,285	2,050	2,285	-10.3
Leather and allied products.....	453	435	438	4.1	-0.7	-4.6	384	409	408	414	384	414	-7.2
Paper products.....	13,298	13,460	14,048	-1.2	-4.2	-2.3	13,033	13,175	13,495	14,360	13,033	14,360	-9.2
Pulp, paper, and paperboard mills.....	6,388	6,455	6,782	-1.0	-4.8	-1.7	6,321	6,359	6,417	7,082	6,321	7,082	-10.7
Paperboard containers.....	3,647	3,666	3,751	-0.5	-2.3	-6.5	3,557	3,466	3,577	4,004	3,557	4,004	-11.2
Printing.....	7,756	7,706	7,761	0.6	-0.7	-3.7	7,232	7,787	8,016	7,819	7,232	7,819	-7.5
Petroleum and coal products.....	31,959	29,217	35,887	9.4	-18.6	-23.6	28,708	27,066	33,809	50,155	28,708	50,155	-42.8
Petroleum refineries.....	29,098	26,491	32,981	9.8	-19.7	-24.7	26,368	24,829	31,256	48,026	26,368	48,026	-45.1
Chemical products.....	50,152	50,708	52,788	-1.1	-3.9	-8.3	46,816	49,032	49,629	54,893	46,816	54,893	-14.7
Pesticides, fertilizers, and other agricultural chemicals.....	3,034	2,968	3,304	2.2	-10.2	-10.9	2,454	2,279	2,234	2,663	2,454	2,663	-7.8
Pharmaceuticals and medicines.....	14,371	14,653	14,453	-1.9	1.4	-1.0	13,724	15,089	14,433	14,151	13,724	14,151	-3.0
Paints, coatings, and adhesives.....	2,538	2,253	2,505	12.6	-10.1	-7.2	2,236	1,874	2,141	2,535	2,236	2,535	-11.8
Plastics and rubber products.....	15,187	16,155	16,526	-6.0	-2.2	-4.2	13,982	14,618	15,270	16,772	13,982	16,772	-16.6

^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			
	Jan. 2009 ^p	Dec. 2008 ^f	Nov. 2008	Dec. - Jan.	Nov. - Dec.	Oct. - Nov.	Jan. 2009 ^p	Dec. 2008 ^f	Nov. 2008	Jan. 2008	2009 ^p	2008	Percent 2009/2008
All manufacturing industries ²	351,926	358,811	377,203	-1.9	-4.9	-6.5	325,504	366,003	359,293	413,340	325,504	413,340	-21.3
Excluding transportation ²	313,317	316,246	334,138	-0.9	-5.4	-6.0	289,906	308,786	317,808	356,083	289,906	356,083	-18.6
Excluding defense ²	341,480	343,073	366,069	-0.5	-6.3	-6.6	314,410	343,911	348,633	402,034	314,410	402,034	-21.8
With unfilled orders ²	118,300	124,321	130,803	-4.8	-5.0	-4.3	110,369	138,867	121,329	151,472	110,369	151,472	-27.1
Durable goods industries ²	164,894	172,741	181,047	-4.5	-4.6	-4.0	151,044	186,798	168,735	203,467	151,044	203,467	-25.8
Primary metals.....	13,447	14,095	15,966	-4.6	-11.7	-5.2	12,865	12,151	14,175	21,725	12,865	21,725	-40.8
Iron and steel mills.....	5,684	5,845	6,667	-2.8	-12.3	-10.3	5,422	5,112	5,752	11,087	5,422	11,087	-51.1
Aluminum and nonferrous metals.....	6,566	6,830	7,561	-3.9	-9.7	-2.1	6,242	5,841	6,863	8,934	6,242	8,934	-30.1
Ferrous metal foundries.....	1,197	1,420	1,738	-15.7	-18.3	3.9	1,201	1,198	1,560	1,704	1,201	1,704	-29.5
Fabricated metal products.....	24,130	24,800	26,058	-2.7	-4.8	-2.3	22,175	22,704	23,184	25,822	22,175	25,822	-14.1
Machinery.....	23,216	23,928	26,449	-3.0	-9.5	-2.8	22,458	23,205	23,800	30,949	22,458	30,949	-27.4
Construction machinery.....	1,573	1,124	1,711	39.9	-34.3	-8.7	1,693	1,357	1,570	3,087	1,693	3,087	-45.2
Mining, oil field, and gas field machinery.....	1,501	1,629	1,794	-7.9	-9.2	-0.6	1,267	1,632	1,888	1,520	1,267	1,520	-16.6
Industrial machinery.....	1,633	1,918	2,083	-14.9	-7.9	-8.7	2,218	1,830	1,523	4,232	2,218	4,232	-47.6
Photographic equipment.....	542	501	501	8.2	0.0	-14.5	549	499	506	714	549	714	-23.1
Ventilation, heating, air-conditioning, and refrigeration equipment.....	2,832	2,574	3,193	10.0	-19.4	-17.0	2,798	2,329	2,875	4,582	2,798	4,582	-38.9
Metalworking machinery.....	1,763	1,906	2,071	-7.5	-8.0	-4.3	1,732	1,784	1,868	2,564	1,732	2,564	-32.4
Turbines, generators, and other power transmission equipment.....	3,046	4,170	4,584	-27.0	-9.0	19.8	2,734	4,539	4,386	3,161	2,734	3,161	-13.5
Material handling equipment.....	1,803	1,724	2,045	4.6	-15.7	-1.2	1,619	1,898	1,925	2,515	1,619	2,515	-35.6
Computers and electronic products ²	23,866	24,834	26,646	-3.9	-6.8	4.0	20,694	31,513	25,223	23,665	20,694	23,665	-12.6
Computers.....	2,348	2,448	2,891	-4.1	-15.3	19.2	2,248	2,730	2,693	2,506	2,248	2,506	-10.3
Nondefense communications equipment.....	4,060	4,463	4,872	-9.0	-8.4	-1.8	3,198	5,708	4,642	4,065	3,198	4,065	-21.3
Defense communications equipment.....	1,258	792	668	58.8	18.6	-9.5	1,124	1,045	623	465	1,124	465	141.7
Semiconductors ²	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	3,243	3,238	3,387	0.2	-4.4	-4.5	2,949	3,659	3,070	3,783	2,949	3,783	-22.0
Nondefense search and navigation equipment.....	706	944	2,030	-25.2	-53.5	98.0	783	1,002	1,909	1,207	783	1,207	-35.1
Defense search and navigation equipment.....	2,526	2,266	2,811	11.5	-19.4	13.5	2,192	3,400	2,924	2,735	2,192	2,735	-19.9
Electromedical, measuring, and control instruments.....	7,029	7,582	7,041	-7.3	7.7	-5.6	6,167	9,348	6,417	6,368	6,167	6,368	-3.2
Electrical equipment, appliances, and components.....	8,574	9,251	8,662	-7.3	6.8	-5.4	8,197	8,391	8,026	10,726	8,197	10,726	-23.6
Electric lighting equipment.....	920	899	817	2.3	10.0	14.3	865	922	670	894	865	894	-3.2
Household appliances.....	1,745	1,633	1,675	6.9	-2.5	0.1	1,487	1,567	1,616	1,644	1,487	1,644	-9.5
Electrical equipment.....	2,263	3,207	2,696	-29.4	19.0	-11.6	2,377	2,577	2,434	4,257	2,377	4,257	-44.2
Transportation equipment.....	38,609	42,565	43,065	-9.3	-1.2	-9.9	35,598	57,217	41,485	57,257	35,598	57,257	-37.8
Motor vehicle bodies, parts, and trailers.....	12,993	13,220	14,001	-1.7	-5.6	-2.0	12,192	11,804	13,234	16,427	12,192	16,427	-25.8
Nondefense aircraft and parts.....	5,513	2,058	4,840	167.9	-57.5	-46.2	4,052	13,561	5,350	12,260	4,052	12,260	-66.9
Defense aircraft and parts.....	4,155	5,763	4,982	-27.9	15.7	-7.0	4,331	7,954	5,087	4,177	4,331	4,177	3.7
Ships and boats.....	708	4,882	1,705	-85.5	186.3	26.7	1,538	5,771	1,462	2,478	1,538	2,478	-37.9
Furniture and related products.....	5,564	5,505	5,450	1.1	1.0	-3.5	5,115	4,656	5,183	6,100	5,115	6,100	-16.1
Nondurable goods industries.....	187,032	186,070	196,156	0.5	-5.1	-8.7	174,460	179,205	190,558	209,873	174,460	209,873	-16.9

^p Preliminary^f 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 Jan. 09/08
	Jan. 2009 ^P	Dec. 2008 ^F	Nov. 2008	Dec. - Jan.	Nov. - Dec.	Oct. - Nov.	Jan. 2009 ^P	Dec. 2008 ^F	Nov. 2008	Jan. 2008	
All manufacturing industries ¹	786,818	800,360	812,879	-1.7	-1.5	-0.9	793,513	798,753	797,367	786,882	0.8
Excluding transportation ¹	329,700	336,865	345,643	-2.1	-2.5	-1.4	327,981	330,918	339,320	343,116	-4.4
Excluding defense ¹	626,199	638,283	655,183	-1.9	-2.6	-1.1	629,803	636,197	644,195	633,010	-0.5
Durable goods industries ¹	786,818	800,360	812,879	-1.7	-1.5	-0.9	793,513	798,753	797,367	786,882	0.8
Primary metals.....	17,731	19,051	21,194	-6.9	-10.1	-8.7	17,463	18,327	19,959	28,438	-38.6
Iron and steel mills.....	9,108	9,940	11,483	-8.4	-13.4	-14.3	8,838	9,348	10,703	17,514	-49.5
Aluminum and nonferrous metals.....	5,954	6,308	6,728	-5.6	-6.2	-2.3	5,933	6,228	6,340	7,934	-25.2
Ferrous metal foundries.....	2,669	2,803	2,983	-4.8	-6.0	2.1	2,692	2,751	2,916	2,990	-10.0
Fabricated metal products.....	57,106	58,518	59,728	-2.4	-2.0	-1.5	55,668	56,735	57,836	59,970	-7.2
Machinery.....	96,815	99,559	104,214	-2.8	-4.5	-1.7	97,077	97,911	102,923	95,444	1.7
Construction machinery.....	12,453	12,964	14,066	-3.9	-7.8	-5.4	12,481	12,532	13,434	12,083	3.3
Mining, oil field, and gas field machinery.....	6,838	7,253	7,453	-5.7	-2.7	0.5	6,750	7,281	7,636	4,976	35.7
Industrial machinery.....	14,024	15,006	15,726	-6.5	-4.6	-4.0	14,029	14,421	15,568	15,956	-12.1
Photographic equipment.....	1,909	1,885	1,861	1.3	1.3	-0.5	1,928	1,797	1,827	1,773	8.7
Ventilation, heating, air-conditioning, and refrigeration equipment.....	15,915	16,276	17,148	-2.2	-5.1	-1.0	16,346	16,149	17,208	14,978	9.1
Metalworking machinery.....	7,762	8,051	8,321	-3.6	-3.2	-2.6	7,706	7,815	8,232	7,855	-1.9
Turbines, generators, and other power transmission equipment.....	14,537	14,631	15,386	-0.6	-4.9	4.5	14,529	14,717	14,878	13,502	7.6
Material handling equipment.....	8,973	9,118	9,573	-1.6	-4.8	-2.8	8,960	9,071	9,326	10,261	-12.7
Computers and electronic products ¹	123,671	125,031	125,444	-1.1	-0.3	0.7	124,146	124,579	123,804	122,098	1.7
Computers.....	3,747	4,090	4,137	-8.4	-1.1	15.2	3,747	4,090	4,137	3,141	19.3
Nondefense communications equipment.....	28,468	29,005	29,176	-1.9	-0.6	-0.7	28,125	28,362	28,755	28,884	-2.6
Defense communications equipment.....	8,693	8,290	8,126	4.9	2.0	-1.5	8,743	8,392	7,983	7,628	14.6
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	10,091	10,277	10,516	-1.8	-2.3	-0.9	10,065	10,080	10,310	10,413	-3.3
Nondefense search and navigation equipment.....	8,619	8,851	8,851	-2.6	0.0	15.1	8,708	8,734	8,739	6,812	27.8
Defense search and navigation equipment.....	36,565	36,679	37,064	-0.3	-1.0	-0.1	36,940	36,933	36,424	37,588	-1.7
Electromedical, measuring, and control instruments.....	27,488	27,839	27,574	-1.3	1.0	-1.3	27,818	27,988	27,456	27,632	0.7
Electrical equipment, appliances, and components.....	22,150	22,453	22,694	-1.3	-1.1	-3.1	21,923	21,599	22,282	24,198	-9.4
Electric lighting equipment.....	2,114	2,181	2,250	-3.1	-3.1	-6.6	2,029	2,020	2,106	2,345	-13.5
Household appliances.....	425	427	426	-0.5	0.2	-10.3	439	333	459	635	-30.9
Electrical equipment.....	14,309	14,701	14,857	-2.7	-1.1	-2.7	14,139	14,297	14,844	15,654	-9.7
Transportation equipment.....	457,118	463,495	467,236	-1.4	-0.8	-0.6	465,532	467,835	458,047	443,766	4.9
Motor vehicle bodies, parts, and trailers.....	15,358	15,703	16,266	-2.2	-3.5	-2.8	15,633	15,649	15,897	18,550	-15.7
Nondefense aircraft and parts.....	300,148	303,930	309,955	-1.2	-1.9	-0.4	305,650	308,110	304,571	285,718	7.0
Defense aircraft and parts.....	47,824	48,422	47,512	-1.2	1.9	0.9	48,721	48,227	46,029	44,696	9.0
Ships and boats.....	21,693	23,040	20,221	-5.8	13.9	-2.2	22,744	22,944	19,196	20,416	11.4
Furniture and related products.....	6,358	6,273	6,406	1.4	-2.1	-6.0	5,835	5,787	6,553	6,674	-12.6

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

Table 4. Value of Manufacturers' Inventories for Industry Groups

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Jan. 09/08
	Jan. 2009 ^p	Dec. 2008 ^r	Nov. 2008	Dec. - Jan.	Nov. - Dec.	Oct. - Nov.	Jan. 2009 ^p	Dec. 2008 ^r	Nov. 2008	Jan. 2008	
All manufacturing industries	537,568	541,986	552,253	-0.8	-1.9	-0.5	534,495	528,015	552,910	534,311	0.0
Excluding transportation	442,922	446,480	459,546	-0.8	-2.8	-1.1	440,609	436,498	459,509	452,464	-2.6
Excluding defense	511,624	516,703	527,012	-1.0	-2.0	-0.6	508,589	503,167	527,653	510,846	-0.4
With unfilled orders	274,621	276,208	274,582	-0.6	0.6	0.4	273,457	268,393	275,375	255,328	7.1
Durable goods industries	340,681	343,468	342,259	-0.8	0.4	0.3	339,498	333,753	343,203	321,806	5.5
Wood products	10,305	10,317	10,397	-0.1	-0.8	-2.0	10,446	10,289	10,460	11,192	-6.7
Nonmetallic mineral products	11,877	11,931	12,025	-0.5	-0.8	-0.4	11,910	11,686	11,649	11,878	0.3
Primary metals	31,439	32,151	33,651	-2.2	-4.5	-3.3	31,135	31,904	33,633	30,813	1.0
Iron and steel mills	18,441	18,795	19,721	-1.9	-4.7	-2.7	18,296	18,781	19,857	16,618	10.1
Aluminum and nonferrous metals	10,241	10,607	11,152	-3.5	-4.9	-4.6	10,052	10,388	10,985	11,558	-13.0
Ferrous metal foundries	2,757	2,749	2,778	0.3	-1.0	-1.8	2,787	2,735	2,791	2,637	5.7
Fabricated metal products	43,644	44,251	44,410	-1.4	-0.4	-0.7	43,649	43,413	43,870	42,495	2.7
Machinery	55,843	55,257	55,190	1.1	0.1	0.6	55,859	53,470	55,527	52,536	6.3
Farm machinery	3,515	3,463	3,486	1.5	-0.7	5.3	3,720	3,512	3,455	3,033	22.7
Construction machinery	5,630	5,684	5,639	-1.0	0.8	-0.2	5,548	5,507	5,624	5,252	5.6
Mining, oil field, and gas field machinery	4,805	4,734	4,656	1.5	1.7	-0.6	4,778	4,543	4,647	4,174	14.5
Industrial machinery	6,870	6,832	6,920	0.6	-1.3	0.3	6,742	6,590	7,053	6,425	4.9
Photographic equipment	1,420	1,418	1,396	0.1	1.6	3.3	1,439	1,345	1,406	1,300	10.7
Ventilation, heating, air-conditioning, and refrigeration equipment	4,745	4,773	4,787	-0.6	-0.3	-0.3	4,627	4,379	4,758	4,738	-2.3
Metalworking machinery	5,368	5,353	5,295	0.3	1.1	-0.1	5,283	5,173	5,362	4,945	6.8
Turbines, generators, and other power transmission equipment	6,603	6,095	6,130	8.3	-0.6	0.0	6,600	5,838	6,345	5,978	10.4
Material handling equipment	3,376	3,393	3,371	-0.5	0.7	-1.0	3,419	3,290	3,385	3,297	3.7
Computers and electronic products	47,263	47,891	47,478	-1.3	0.9	0.1	47,120	46,646	48,250	45,066	4.6
Computers	1,166	1,262	1,220	-7.6	3.4	3.5	1,080	1,265	1,263	1,351	-20.1
Computer storage devices	1,459	1,607	1,571	-9.2	2.3	1.2	1,383	1,451	1,653	1,480	-6.6
Other peripheral equipment	2,099	2,274	2,147	-7.7	5.9	1.2	2,050	2,153	2,227	1,984	3.3
Nondefense communications equipment	8,357	8,461	8,114	-1.2	4.3	0.3	8,506	8,347	8,486	8,336	2.0
Defense communications equipment	1,819	1,798	1,802	1.2	-0.2	4.8	1,819	1,798	1,802	1,206	50.8
Audio and video equipment	864	871	892	-0.8	-2.4	-1.2	854	860	992	937	-8.9
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components	6,474	6,477	6,746	0.0	-4.0	0.7	6,509	6,275	6,791	6,585	-1.2
Nondefense search and navigation equipment	5,059	5,022	5,026	0.7	-0.1	-4.3	4,975	4,865	4,957	4,501	10.5
Defense search and navigation equipment	3,628	3,638	3,624	-0.3	0.4	-1.7	3,647	3,550	3,603	3,426	6.5
Electromedical, measuring and control instruments	11,060	10,955	10,740	1.0	2.0	0.1	11,090	10,688	10,917	10,217	8.5
Electrical equipment, appliances, and components	14,267	14,739	14,940	-3.2	-1.3	-1.5	14,285	14,248	14,789	15,114	-5.5
Electric lighting equipment	1,688	1,717	1,743	-1.7	-1.5	-0.7	1,660	1,623	1,705	1,739	-4.5
Household appliances	1,988	1,965	1,998	1.2	-1.7	-1.0	1,981	1,763	1,993	2,001	-1.0
Electrical equipment	4,762	5,129	5,117	-7.2	0.2	-3.2	4,899	5,124	5,166	5,403	-9.3
Batteries	768	777	778	-1.2	-0.1	4.4	729	710	739	711	2.5
Transportation equipment	94,646	95,506	92,707	-0.9	3.0	2.9	93,886	91,517	93,401	81,847	14.7
Automobiles	2,087	2,532	2,550	-17.6	-0.7	-2.2	2,270	2,233	2,532	3,051	-25.6
Light trucks and utility vehicles	2,193	2,214	2,429	-0.9	-8.9	-6.0	1,938	1,923	2,512	2,593	-25.3
Heavy duty trucks	1,614	1,613	1,683	0.1	-4.2	0.5	1,555	1,527	1,700	1,338	16.2
Motor vehicle bodies, parts, and trailers	15,171	15,380	15,710	-1.4	-2.1	-1.6	15,194	14,904	15,660	17,238	-11.9
Nondefense aircraft and parts	46,771	47,660	44,281	-1.9	7.6	5.6	46,186	45,580	44,871	33,437	38.1
Defense aircraft and parts	15,297	14,654	14,718	4.4	-0.4	3.0	15,223	14,373	14,724	13,476	13.0
Ships and boats	2,900	2,763	2,932	5.0	-5.8	-0.5	2,929	2,719	2,937	3,039	-3.6
Furniture and related products	7,527	7,617	7,738	-1.2	-1.6	-0.6	7,434	7,396	7,705	7,998	-7.1
Miscellaneous durable goods	23,870	23,808	23,723	0.3	0.4	0.6	23,774	23,184	23,919	22,867	4.0
Nondurable goods industries	196,887	198,518	209,994	-0.8	-5.5	-1.8	194,997	194,262	209,707	212,505	-8.2
Food products	36,476	36,720	37,109	-0.7	-1.0	-0.3	36,249	36,442	38,373	36,975	-2.0
Grain and oilseed milling	4,537	4,646	4,736	-2.3	-1.9	-0.1	4,599	4,628	4,825	4,877	-5.7
Dairy products	4,454	4,452	4,502	0.0	-1.1	0.9	4,324	4,128	4,314	4,416	-2.1
Meat, poultry, and seafood products	7,330	7,380	7,546	-0.7	-2.2	0.0	7,162	7,218	7,702	7,283	-1.7
Beverage and tobacco products	15,206	15,243	15,166	-0.2	0.5	0.1	15,527	15,174	15,496	15,376	1.0
Beverages	11,365	11,395	11,339	-0.3	0.5	0.5	11,452	11,211	11,577	11,299	1.4
Tobacco	3,841	3,848	3,827	-0.2	0.5	-0.9	4,075	3,963	3,919	4,077	0.0
Textile mills	3,563	3,633	3,706	-1.9	-2.0	-0.1	3,597	3,622	3,676	3,797	-5.3
Textile products	3,004	3,208	3,265	-6.4	-1.7	-1.1	3,018	3,114	3,238	3,369	-10.4
Apparel	4,180	4,247	4,335	-1.6	-2.0	-1.4	4,154	4,082	4,154	4,400	-5.6
Leather and allied products	1,028	1,056	1,054	-2.7	0.2	2.6	1,056	1,035	1,048	1,069	-1.2
Paper products	14,771	14,908	15,706	-0.9	-5.1	-0.4	14,766	14,830	15,624	15,131	-2.4
Pulp, paper, and paperboard mills	6,374	6,391	6,806	-0.3	-6.1	-1.5	6,343	6,422	6,803	6,613	-4.1
Paperboard containers	4,216	4,234	4,490	-0.4	-5.7	1.1	4,274	4,235	4,419	4,204	1.7
Printing	6,604	7,010	6,822	-5.8	2.8	2.3	6,316	6,586	6,817	6,252	1.0
Petroleum and coal products	24,877	25,076	31,916	-0.8	-21.4	-8.2	23,420	23,568	31,375	36,738	-36.3
Petroleum refineries	22,152	22,306	29,116	-0.7	-23.4	-9.1	20,782	20,945	28,647	34,331	-39.5
Chemical products	66,025	66,265	68,439	-0.4	-3.2	-0.8	65,669	64,958	67,837	67,458	-2.7
Pesticides, fertilizers, and other agricultural chemicals	3,322	3,359	3,688	-1.1	-8.9	4.2	3,624	3,563	3,678	3,261	11.1
Pharmaceuticals and medicines	25,147	24,697	24,150	1.8	2.3	0.5	24,607	23,889	24,054	23,610	4.2
Paints, coatings, and adhesives	3,112	3,095	3,098	0.5	-0.1	-1.3	3,087	2,903	2,974	3,089	-0.1
Plastics and rubber products	21,153	21,152	22,476	0.0	-5.9	-1.5	21,225	20,851	22,069	21,940	-3.3

^p Preliminary^r Revised

NA Not available.

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

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

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

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted ²						
	Monthly			Percent Change			Monthly			Year to date		Percent Change ⁶ 2009/2008	
	Jan. 2009 ^p	Dec. 2008 ^r	Nov. 2008	Dec. - Jan.	Nov. - Dec.	Oct. - Nov.	Jan. 2009 ^p	Dec. 2008 ^r	Nov. 2008	Jan. 2008	2009 ^p		2008
SHIPMENTS													
All manufacturing industries	369,404	375,980	388,928	-1.7	-3.3	-6.5	335,500	368,574	372,138	404,937	335,500	404,937	-17.1
Construction materials and supplies.....	39,224	39,615	41,000	-1.0	-3.4	-4.2	33,777	35,458	37,866	38,104	33,777	38,104	-11.4
Information technology.....	25,054	25,042	25,687	0.0	-2.5	-1.9	21,003	29,841	24,915	23,192	21,003	23,192	-9.4
Computers and related products	4,456	4,545	4,228	-2.0	7.5	-8.6	3,786	6,139	3,792	4,486	3,786	4,486	-15.6
Motor vehicle and parts.....	25,331	27,315	29,056	-7.3	-6.0	-1.6	22,844	25,121	27,219	35,045	22,844	35,045	-34.8
Capital goods.....	71,323	73,234	72,244	-2.6	1.4	-2.1	61,424	79,519	68,444	67,278	61,424	67,278	-8.7
Nondefense capital goods ³	62,167	64,825	63,155	-4.1	2.6	-2.0	53,661	70,538	59,005	60,018	53,661	60,018	-10.6
Excluding aircraft.....	56,443	60,474	60,425	-6.7	0.1	-1.3	50,244	64,587	56,249	56,394	50,244	56,394	-10.9
Defense capital goods ⁴	9,156	8,409	9,089	8.9	-7.5	-2.2	7,763	8,981	9,439	7,260	7,763	7,260	6.9
Consumer goods.....	144,757	143,904	152,359	0.6	-5.5	-8.0	134,408	141,698	150,368	167,700	134,408	167,700	-19.9
Consumer durable goods.....	23,744	24,965	26,513	-4.9	-5.8	-3.6	20,729	25,189	25,593	30,740	20,729	30,740	-32.6
Consumer nondurable goods.....	121,013	118,939	125,846	1.7	-5.5	-8.9	113,679	116,509	124,775	136,960	113,679	136,960	-17.0
NEW ORDERS													
All manufacturing industries ⁵	351,926	358,811	377,203	-1.9	-4.9	-6.5	325,504	366,003	359,293	413,340	325,504	413,340	-21.3
Construction materials and supplies.....	37,817	37,713	39,942	0.3	-5.6	-5.4	32,924	33,322	36,118	39,638	32,924	39,638	-16.9
Information technology.....	24,062	24,875	26,538	-3.3	-6.3	4.1	21,083	30,892	25,093	23,790	21,083	23,790	-11.4
Computers and related products	4,113	4,498	4,775	-8.6	-5.8	11.3	3,443	6,092	4,339	3,910	3,443	3,910	-11.9
Motor vehicle and parts.....	24,986	26,752	28,585	-6.6	-6.4	-2.2	22,828	24,873	26,915	35,030	22,828	35,030	-34.8
Capital goods.....	60,697	66,356	68,653	-8.5	-3.3	-3.7	56,371	85,789	64,347	78,488	56,371	78,488	-28.2
Nondefense capital goods ³	52,327	53,964	60,140	-3.0	-10.3	-5.3	47,305	68,092	56,392	69,158	47,305	69,158	-31.6
Excluding aircraft.....	52,324	55,499	58,995	-5.7	-5.9	1.1	48,600	58,742	54,271	61,083	48,600	61,083	-20.4
Defense capital goods ⁴	8,370	12,392	8,513	-32.5	45.6	8.6	9,066	17,697	7,955	9,330	9,066	9,330	-2.8
Consumer goods.....	144,584	143,933	152,342	0.5	-5.5	-7.9	134,456	141,434	150,386	167,735	134,456	167,735	-19.8
Consumer durable goods.....	23,571	24,994	26,496	-5.7	-5.7	-2.7	20,777	24,925	25,611	30,775	20,777	30,775	-32.5
Consumer nondurable goods.....	121,013	118,939	125,846	1.7	-5.5	-8.9	113,679	116,509	124,775	136,960	113,679	136,960	-17.0
UNFILLED ORDERS													
All manufacturing industries ⁵	786,818	800,360	812,879	-1.7	-1.5	-0.9	793,513	798,753	797,367	786,882	(X)	(X)	0.8
Construction materials and supplies.....	50,355	51,762	53,664	-2.7	-3.5	-1.9	49,531	50,384	52,520	52,102	(X)	(X)	-4.9
Information technology.....	120,791	121,783	121,950	-0.8	-0.1	0.7	121,325	121,245	120,194	119,022	(X)	(X)	1.9
Computers and related products	3,747	4,090	4,137	-8.4	-1.1	15.2	3,747	4,090	4,137	3,141	(X)	(X)	19.3
Motor vehicle and parts.....	15,358	15,703	16,266	-2.2	-3.5	-2.8	15,633	15,649	15,897	18,550	(X)	(X)	-15.7
Capital goods.....	601,371	611,997	618,875	-1.7	-1.1	-0.6	608,882	613,935	607,665	586,667	(X)	(X)	3.8
Nondefense capital goods ³	457,252	467,092	477,953	-2.1	-2.3	-0.6	461,914	468,270	470,716	447,955	(X)	(X)	3.1
Excluding aircraft.....	192,508	196,627	201,602	-2.1	-2.5	-0.7	191,538	193,182	199,027	193,473	(X)	(X)	-1.0
Defense capital goods ⁴	144,119	144,905	140,922	-0.5	2.8	-0.4	146,968	145,665	136,949	138,712	(X)	(X)	6.0
Consumer goods.....	8,033	8,206	8,177	-2.1	0.4	-0.2	8,045	7,997	8,261	9,199	(X)	(X)	-12.5
Consumer durable goods.....	8,033	8,206	8,177	-2.1	0.4	-0.2	8,045	7,997	8,261	9,199	(X)	(X)	-12.5
TOTAL INVENTORIES													
All manufacturing industries	537,568	541,986	552,253	-0.8	-1.9	-0.5	534,495	528,015	552,910	534,311	(X)	(X)	0.0
Construction materials and supplies.....	59,533	60,241	60,490	-1.2	-0.4	-0.9	59,473	58,638	59,544	59,780	(X)	(X)	-0.5
Information technology.....	42,438	42,904	42,293	-1.1	1.4	-0.3	42,287	41,777	42,952	40,449	(X)	(X)	4.5
Computers and related products	4,724	5,143	4,938	-8.1	4.2	1.8	4,513	4,869	5,143	4,815	(X)	(X)	-6.3
Motor vehicle and parts.....	21,065	21,739	22,372	-3.1	-2.8	-2.0	20,957	20,587	22,404	24,220	(X)	(X)	-13.5
Capital goods.....	166,258	166,830	163,341	-0.3	2.1	1.4	165,415	161,853	164,972	147,891	(X)	(X)	11.8
Nondefense capital goods ³	146,220	147,242	143,768	-0.7	2.4	1.3	145,341	142,419	145,389	129,362	(X)	(X)	12.4
Excluding aircraft.....	109,161	109,559	108,983	-0.4	0.5	0.0	108,784	106,416	110,119	103,962	(X)	(X)	4.6
Defense capital goods ⁴	20,038	19,588	19,573	2.3	0.1	1.7	20,074	19,434	19,583	18,529	(X)	(X)	8.3
Consumer goods.....	146,791	147,761	155,389	-0.7	-4.9	-2.1	145,009	143,554	156,486	160,603	(X)	(X)	-9.7
Consumer durable goods.....	27,730	28,280	28,586	-1.9	-1.1	-0.5	27,821	26,970	28,851	29,392	(X)	(X)	-5.3
Consumer nondurable goods.....	119,061	119,481	126,803	-0.4	-5.8	-2.4	117,188	116,584	127,635	131,211	(X)	(X)	-10.7

^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 Jan. 09/08
	Jan. 2009 ^p	Dec. 2008 ^r	Nov. 2008	Dec. - Jan.	Nov. - Dec.	Oct. - Nov.	Jan. 2009 ^p	Dec. 2008 ^r	Nov. 2008	Jan. 2008	
<u>MATERIALS AND SUPPLIES</u>											
All manufacturing industries.....	182,938	184,108	188,292	-0.6	-2.2	-1.1	183,035	182,664	188,545	185,538	-1.3
Durable goods industries.....	116,046	116,199	116,700	-0.1	-0.4	0.1	116,237	115,442	117,633	110,509	5.2
Wood products.....	4,234	4,242	4,268	-0.2	-0.6	-1.2	4,441	4,505	4,576	4,643	-4.4
Nonmetallic mineral products.....	4,671	4,624	4,702	1.0	-1.7	-3.8	4,673	4,602	4,675	4,822	-3.1
Primary metals.....	14,576	14,495	14,340	0.6	1.1	1.8	14,541	14,786	14,591	11,340	28.2
Fabricated metal products.....	16,684	16,832	16,928	-0.9	-0.6	-0.9	16,762	16,826	16,792	15,646	7.1
Machinery.....	21,755	21,109	21,537	3.1	-2.0	1.0	21,943	20,683	21,651	20,050	9.4
Computers and electronic products.....	15,373	15,313	15,376	0.4	-0.4	-1.5	15,240	15,217	15,639	15,499	-1.7
Electrical equipment, appliances, and components.....	5,790	5,848	5,894	-1.0	-0.8	-3.3	5,848	5,789	5,875	6,035	-3.1
Transportation equipment.....	21,619	22,433	22,288	-3.6	0.7	1.8	21,454	21,908	22,461	21,265	0.9
Furniture and related products.....	3,626	3,660	3,725	-0.9	-1.7	0.8	3,606	3,613	3,699	3,785	-4.7
Miscellaneous products.....	7,718	7,643	7,642	1.0	0.0	0.5	7,729	7,513	7,674	7,424	4.1
Nondurable goods industries.....	66,892	67,909	71,592	-1.5	-5.1	-3.0	66,798	67,222	70,912	75,029	-11.0
Food products.....	13,389	13,439	13,516	-0.4	-0.6	-1.4	13,639	13,484	13,849	14,052	-2.9
Beverage and tobacco products.....	4,331	4,388	4,476	-1.3	-2.0	-1.3	4,543	4,555	4,503	4,685	-3.0
Textiles.....	1,073	1,105	1,146	-2.9	-3.6	-2.0	1,080	1,111	1,129	1,227	-12.0
Textile products.....	1,127	1,242	1,296	-9.3	-4.2	-3.0	1,124	1,220	1,288	1,279	-12.1
Apparel.....	1,032	1,031	1,030	0.1	0.1	0.6	1,034	1,037	1,004	1,066	-3.0
Leather and allied products.....	369	359	356	2.8	0.8	-2.7	375	355	358	415	-9.6
Paper products.....	7,276	7,152	7,481	1.7	-4.4	-1.1	7,339	7,164	7,479	7,424	-1.1
Printing.....	3,045	3,303	3,137	-7.8	5.3	4.1	2,981	3,195	3,107	2,867	4.0
Petroleum and coal products.....	7,311	7,479	10,121	-2.2	-26.1	-7.9	6,749	7,054	9,640	11,900	-43.3
Chemical products.....	19,502	20,030	20,197	-2.6	-0.8	-3.6	19,457	19,657	19,841	21,383	-9.0
Plastics and rubber products.....	8,437	8,381	8,836	0.7	-5.1	-3.2	8,477	8,390	8,714	8,731	-2.9
<u>WORK IN PROCESS</u>											
All manufacturing industries.....	167,051	166,958	166,349	0.1	0.4	0.4	166,018	161,259	167,865	154,161	7.7
Durable goods industries.....	129,970	130,607	128,071	-0.5	2.0	1.3	129,198	125,734	128,711	114,564	12.8
Wood products.....	1,867	1,838	1,918	1.6	-4.2	-1.9	1,837	1,792	1,899	1,978	-7.1
Nonmetallic mineral products.....	1,444	1,416	1,408	2.0	0.6	1.5	1,452	1,331	1,318	1,314	10.5
Primary metals.....	8,670	9,190	10,019	-5.7	-8.3	-5.1	8,480	8,794	9,948	9,884	-14.2
Fabricated metal products.....	13,305	13,441	13,418	-1.0	0.2	-0.4	13,201	13,031	13,333	12,850	2.7
Machinery.....	16,000	15,946	15,466	0.3	3.1	-0.6	15,557	14,984	15,746	14,098	10.3
Computers and electronic products.....	21,975	22,096	21,857	-0.5	1.1	0.9	22,038	21,282	22,255	19,645	12.2
Electrical equipment, appliances, and components.....	2,918	3,052	3,165	-4.4	-3.6	-1.3	2,886	2,916	3,064	3,184	-9.4
Transportation equipment.....	59,102	58,962	56,103	0.2	5.1	4.2	59,138	57,125	56,398	46,865	26.2
Furniture and related products.....	1,253	1,236	1,241	1.4	-0.4	-1.7	1,246	1,220	1,232	1,299	-4.1
Miscellaneous products.....	3,436	3,430	3,476	0.2	-1.3	-0.8	3,363	3,259	3,518	3,447	-2.4
Nondurable goods industries.....	37,081	36,351	38,278	2.0	-5.0	-2.6	36,820	35,525	39,154	39,597	-7.0
Food products.....	2,260	2,294	2,431	-1.5	-5.6	-4.1	2,402	2,482	2,879	2,760	-13.0
Beverage and tobacco products.....	4,260	4,212	4,178	1.1	0.8	-0.5	4,504	4,500	4,525	4,548	-1.0
Textiles.....	788	821	881	-4.0	-6.8	0.0	794	805	883	921	-13.8
Textile products.....	369	398	401	-7.3	-0.7	-4.8	368	372	402	426	-13.6
Apparel.....	598	616	629	-2.9	-2.1	-1.7	602	588	614	679	-11.3
Leather and allied products.....	96	110	114	-12.7	-3.5	7.5	97	104	109	94	3.2
Paper products.....	1,384	1,424	1,579	-2.8	-9.8	1.2	1,369	1,425	1,553	1,463	-6.4
Printing.....	1,648	1,766	1,681	-6.7	5.1	2.3	1,522	1,586	1,718	1,614	-5.7
Petroleum and coal products.....	7,148	6,474	8,694	10.4	-25.5	-7.1	6,777	6,002	8,755	10,484	-35.4
Chemical products.....	16,096	15,848	15,151	1.6	4.6	-1.6	15,919	15,332	15,206	14,133	12.6
Plastics and rubber products.....	2,434	2,388	2,539	1.9	-5.9	-0.1	2,466	2,329	2,510	2,475	-0.4
<u>FINISHED GOODS</u>											
All manufacturing industries.....	187,579	190,920	197,612	-1.7	-3.4	-0.7	185,442	184,092	196,500	194,612	-4.7
Durable goods industries.....	94,665	96,662	97,488	-2.1	-0.8	-0.7	94,063	92,577	96,859	96,733	-2.8
Wood products.....	4,204	4,237	4,211	-0.8	0.6	-2.7	4,168	3,992	3,985	4,571	-8.8
Nonmetallic mineral products.....	5,762	5,891	5,915	-2.2	-0.4	2.1	5,785	5,753	5,656	5,742	0.7
Primary metals.....	8,193	8,466	9,292	-3.2	-8.9	-8.4	8,114	8,324	9,094	9,589	-15.4
Fabricated metal products.....	13,655	13,978	14,064	-2.3	-0.6	-0.8	13,686	13,556	13,745	13,999	-2.2
Machinery.....	18,088	18,202	18,187	-0.6	0.1	1.1	18,359	17,803	18,130	18,388	-0.2
Computers and electronic products.....	9,915	10,482	10,245	-5.4	2.3	1.0	9,842	10,147	10,356	9,922	-0.8
Electrical equipment, appliances, and components.....	5,559	5,839	5,881	-4.8	-0.7	0.2	5,551	5,543	5,850	5,895	-5.8
Transportation equipment.....	13,925	14,111	14,316	-1.3	-1.4	-0.7	13,294	12,484	14,542	13,717	-3.1
Furniture and related products.....	2,648	2,721	2,772	-2.7	-1.8	-2.0	2,582	2,563	2,774	2,914	-11.4
Miscellaneous products.....	12,716	12,735	12,605	-0.1	1.0	1.0	12,682	12,412	12,727	11,996	5.7
Nondurable goods industries.....	92,914	94,258	100,124	-1.4	-5.9	-0.6	91,379	91,515	99,641	97,879	-6.6
Food products.....	20,827	20,987	21,162	-0.8	-0.8	0.9	20,208	20,476	21,645	20,163	0.2
Beverage and tobacco products.....	6,615	6,643	6,512	-0.4	2.0	1.6	6,480	6,119	6,468	6,143	5.5
Textiles.....	1,702	1,707	1,679	-0.3	1.7	1.1	1,723	1,706	1,664	1,649	4.5
Textile products.....	1,508	1,568	1,568	-3.8	0.0	1.5	1,526	1,522	1,548	1,664	-8.3
Apparel.....	2,550	2,600	2,676	-1.9	-2.8	-2.0	2,518	2,457	2,536	2,655	-5.2
Leather and allied products.....	563	587	584	-4.1	0.5	5.2	584	576	581	560	4.3
Paper products.....	6,111	6,332	6,646	-3.5	-4.7	0.0	6,058	6,241	6,592	6,244	-3.0
Printing.....	1,911	1,941	2,004	-1.5	-3.1	-0.5	1,813	1,805	1,992	1,771	2.4
Petroleum and coal products.....	10,418	11,123	13,101	-6.3	-15.1	-9.2	9,894	10,512	12,980	14,354	-31.1
Chemical products.....	30,427	30,387	33,091	0.1	-8.2	1.4	30,293	29,969	32,790	31,942	-5.2
Plastics and rubber products.....	10,282	10,383	11,101	-1.0	-6.5	-0.4	10,282	10,132	10,845	10,734	-4.2

^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			
	Jan 2009 ^p	Dec 2008 ^r	Nov 2008	Oct 2008	Jan 2009 ^p	Dec 2008 ^r	Nov 2008	Oct 2008
All manufacturing industries ²	1.46	1.44	1.42	1.33	(X)	(X)	(X)	(X)
Durable goods industries ²	1.87	1.81	1.78	1.70	5.97	5.85	5.87	5.69
Wood products.....	1.38	1.37	1.34	1.32	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.50	1.48	1.45	1.35	(X)	(X)	(X)	(X)
Primary metals.....	2.13	1.98	1.87	1.75	1.20	1.17	1.18	1.17
Fabricated metal products.....	1.71	1.70	1.65	1.62	2.32	2.32	2.28	2.28
Machinery.....	2.15	1.93	1.95	1.93	4.26	3.90	4.14	4.20
Computers and electronic products ²	1.62	1.60	1.60	1.52	5.49	5.65	5.50	5.36
Electrical equipment, appliances, and components.....	1.61	1.55	1.59	1.47	2.73	2.56	2.61	2.48
Transportation equipment.....	2.10	2.06	2.02	1.87	13.85	14.14	14.90	14.18
Furniture and related products.....	1.37	1.35	1.32	1.29	1.33	1.27	1.24	1.27
Miscellaneous products.....	1.95	1.96	1.89	1.87	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.05	1.07	1.07	1.00	(X)	(X)	(X)	(X)
Food products.....	0.73	0.73	0.74	0.73	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.34	1.31	1.33	1.29	(X)	(X)	(X)	(X)
Textiles.....	1.53	1.54	1.46	1.37	(X)	(X)	(X)	(X)
Textile products.....	1.58	1.66	1.65	1.59	(X)	(X)	(X)	(X)
Apparel.....	1.75	1.73	1.74	1.75	(X)	(X)	(X)	(X)
Leather and allied products.....	2.27	2.43	2.41	2.24	(X)	(X)	(X)	(X)
Paper products.....	1.11	1.11	1.12	1.10	(X)	(X)	(X)	(X)
Printing.....	0.85	0.91	0.88	0.83	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.78	0.86	0.89	0.74	(X)	(X)	(X)	(X)
Chemical products.....	1.32	1.31	1.30	1.20	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.39	1.31	1.36	1.32	(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	
	Jan ¹ 2009	Jan ² 2008- Dec 2008	Jan ¹ 2009	Jan ² 2008- Dec 2008	Jan ¹ 2009	Jan ² 2008- Dec 2008	Jan ¹ 2009	Jan ² 2008- Dec 2008
All manufacturing industries.....	(X)	0.4	(X)	0.6	(X)	0.2	(X)	0.1
Durable goods industries.....	-0.3	0.5	0.7	1.0	0.2	0.2	0.0	0.1
Wood products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.7
Nonmetallic mineral products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.3
Primary metals.....	-0.4	0.7	0.0	1.5	0.3	0.7	-0.1	0.3
Fabricated metal products.....	-0.9	0.5	-1.6	1.0	-0.3	0.3	-0.1	0.3
Machinery.....	-0.6	0.5	-1.0	1.8	-0.3	0.6	0.2	0.2
Computers and electronic products.....	1.2	1.0	1.1	0.9	-0.1	0.2	0.2	0.2
Electrical equipment, appliances, and components.....	-1.3	0.7	-1.2	3.6	0.1	1.4	-0.1	0.5
Transportation equipment.....	-0.5	0.7	4.2	1.4	0.4	0.1	0.0	0.1
Furniture and related products.....	(X)	0.7	(X)	0.9	(X)	0.5	(X)	0.3
Miscellaneous products.....	(X)	0.7	(X)	0.9	(X)	0.8	(X)	0.2
Nondurable goods industries.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.2
Food products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.3
Beverage and tobacco products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Textiles.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.6
Textile products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.3
Apparel.....	(X)	1.3	(X)	(NA)	(X)	(NA)	(X)	0.5
Leather and allied products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.6
Paper products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.4
Printing.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	1.0
Petroleum and coal products.....	(X)	1.1	(X)	(NA)	(X)	(NA)	(X)	1.1
Chemical products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.3
Plastics and rubber products.....	(X)	0.5	(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>.