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

Summary

New orders for manufactured goods in January, down following two consecutive monthly increases, decreased \$22.9 billion or 5.6 percent to \$383.1 billion, the U.S. Census Bureau reported today. This followed a 2.6 percent December increase.

Shipments, down following three consecutive monthly increases, decreased \$4.6 billion or 1.2 percent to \$391.2 billion. This followed a 1.3 percent December increase.

Unfilled orders, up twenty of the last twenty-one months, increased \$0.6 billion or 0.1 percent to \$695.2 billion. This was at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 2.3 percent December increase. The unfilled orders-to-shipments ratio was 4.78, up from 4.71 in December.

Inventories, down following ten consecutive monthly increases, decreased \$0.9 billion or 0.2 percent to \$482.0 billion. This followed a 0.2 percent December increase. The inventories-to-shipments ratio was 1.23, up from 1.22 in December.

New Orders

New orders for manufactured durable goods in January, down following two consecutive monthly increases, decreased \$19.3 billion or 8.7 percent to \$203.3 billion, revised from the previously published 7.8 percent decrease. This followed a 3.5 percent December increase.

Transportation equipment, down following two consecutive monthly increases, had the largest decrease, \$13.1 billion or 19.0 percent to \$56.0 billion. This was led by nondefense aircraft and parts, which decreased \$11.3 billion.

New orders for manufactured nondurable goods decreased \$3.6 billion or 2.0 percent to \$179.9 billion.

Shipments

Shipments of manufactured durable goods in January, down following three consecutive monthly increases, decreased \$1.0 billion or 0.5 percent to \$211.3 billion, revised from the previously published 0.2 percent

increase. This followed a 1.2 percent December increase.

Machinery, down two of the last three months, had the largest decrease, \$1.8 billion or 6.3 percent to \$26.4 billion.

Shipments of manufactured nondurable goods, down following two consecutive monthly increases, decreased \$3.6 billion or 2.0 percent to \$179.9 billion. This was led by petroleum and coal products, which decreased \$3.2 billion or 9.2 percent to \$31.6 billion.

Unfilled Orders

Unfilled orders for manufactured durable goods in January, up twenty of the last twenty-one months, increased \$0.6 billion or 0.1 percent to \$695.2 billion, unchanged from the previously published increase. This was at the highest level since the series began and followed a 2.3 percent December increase.

Machinery, up twenty-nine consecutive months, had the largest increase, \$0.9 billion or 1.1 percent to \$78.7 billion.

Inventories

Inventories of manufactured durable goods in January, up twelve of the last thirteen months, increased \$0.4 billion or 0.1 percent to \$296.8 billion, revised from the previously published 0.3 percent increase. This followed a 0.6 percent December increase.

Transportation equipment, up four of the last five months, had the largest increase, \$0.6 billion or 0.9 percent to \$68.9 billion.

Inventories of manufactured nondurable goods, down four of the last five months, decreased \$1.3 billion or 0.7 percent to \$185.2 billion. This was due to petroleum and coal products, which decreased \$1.3 billion or 4.7 percent to \$26.8 billion.

By stage of fabrication, January materials and supplies increased 0.1 percent in durable goods and 0.1 percent in nondurable goods. Work in process increased 0.5 percent in durable goods and decreased 0.4 percent in nondurable goods. Finished goods decreased 0.2 percent in durable goods and 1.3 percent in nondurable goods.

Figures in text, other than year-to-date, are in seasonally adjusted current dollars. Figures on new and unfilled orders exclude data for semiconductor manufacturing. For data, call (301) 763-4673 or go to <<http://www.census.gov/m3>>. The advance report on durable goods for February is scheduled for release on March 28, 2007, at 8:30 a.m. EDT and the full report on April 4, 2007, at 10:00 a.m. EDT. See back page for survey description.

Table 1. Value of Manufacturers' Shipments for Industry Groups

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted ¹						
	Monthly			Percent Change			Monthly				Year to date		
	Jan. 2007 ^p	Dec. 2006 ^r	Nov. 2006	Dec. - Jan.	Nov. - Dec.	Oct. - Nov.	Jan. 2007 ^p	Dec. 2006 ^r	Nov. 2006	Jan. 2006	2007 ^p	2006	Percent 2007/2006
All manufacturing industries	391,159	395,766	390,522	-1.2	1.3	0.2	361,139	386,877	383,802	362,220	361,139	362,220	-0.3
Excluding transportation	334,313	337,350	334,433	-0.9	0.9	-0.1	311,284	329,868	327,895	313,843	311,284	313,843	-0.8
Excluding defense	381,099	385,693	380,545	-1.2	1.4	0.2	353,134	375,516	373,456	354,672	353,134	354,672	-0.4
With unfilled orders	145,329	147,432	146,365	-1.4	0.7	0.4	130,439	147,585	142,483	126,633	130,439	126,633	3.0
Durable goods industries	211,280	212,276	209,827	-0.5	1.2	0.3	190,145	210,587	204,922	185,155	190,145	185,155	2.7
Wood products.....	7,541	8,410	7,577	-10.3	11.0	0.5	6,483	7,528	7,154	7,800	6,483	7,800	-16.9
Nonmetallic mineral products.....	9,523	9,737	9,666	-2.2	0.7	-1.8	8,674	8,483	9,389	9,203	8,674	9,203	-5.7
Primary metals.....	18,866	18,953	18,711	-0.5	1.3	-0.7	18,789	16,607	17,581	17,325	18,789	17,325	8.5
Iron and steel mills.....	8,645	8,582	8,465	0.7	1.4	-2.1	8,683	7,607	7,953	8,386	8,683	8,386	3.5
Aluminum and nonferrous metals.....	8,616	8,782	8,633	-1.9	1.7	0.5	8,543	7,650	8,106	7,343	8,543	7,343	16.3
Ferrous metal foundries.....	1,605	1,589	1,613	1.0	-1.5	0.2	1,563	1,350	1,522	1,596	1,563	1,596	-2.1
Fabricated metal products.....	25,002	24,959	24,399	0.2	2.3	-0.3	23,531	22,814	23,434	22,470	23,531	22,470	4.7
Machinery.....	26,410	28,196	27,839	-6.3	1.3	-1.4	23,917	27,875	25,825	23,636	23,917	23,636	1.2
Farm machinery.....	1,878	1,819	1,753	3.2	3.8	5.0	1,670	1,507	1,350	1,286	1,670	1,286	29.9
Construction machinery.....	2,093	3,023	3,051	-30.8	-0.9	1.9	1,882	2,926	2,661	2,763	1,882	2,763	-31.9
Mining, oil field, and gas field machinery.....	1,213	1,206	1,209	0.6	-0.2	-2.6	1,138	1,318	1,148	982	1,138	982	15.9
Industrial machinery.....	2,351	2,829	2,879	-16.9	-1.7	-11.9	2,238	3,250	2,423	2,545	2,238	2,545	-12.1
Photographic equipment.....	684	671	661	1.9	1.5	1.5	581	737	724	515	581	515	12.8
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,722	3,716	3,641	0.2	2.1	-1.4	3,092	3,728	3,480	2,712	3,092	2,712	14.0
Metalworking machinery.....	2,824	2,560	2,785	10.3	-8.1	-3.9	2,612	2,622	2,630	2,613	2,612	2,613	0.0
Turbines, generators, and other power transmission equipment.....	3,075	4,144	3,518	-25.8	17.8	4.6	2,920	3,919	3,428	2,841	2,920	2,841	2.8
Material handling equipment.....	2,112	2,114	2,200	-0.1	-3.9	-1.6	1,983	2,104	2,072	1,983	1,983	1,983	0.0
Computers and electronic products	36,713	33,157	35,535	10.7	-6.7	2.0	31,094	39,041	35,318	29,163	31,094	29,163	6.6
Computers.....	4,361	4,502	4,694	-3.1	-4.1	59.4	3,830	5,216	4,259	4,300	3,830	4,300	-10.9
Computer storage devices.....	659	678	669	-2.8	1.3	4.9	359	1,232	532	370	359	370	-3.0
Other peripheral equipment.....	1,203	1,217	1,217	-1.2	0.0	-3.7	869	1,700	1,215	831	869	831	4.6
Nondefense communications equipment.....	4,971	4,739	5,268	4.9	-10.0	-0.6	4,007	6,108	5,245	4,396	4,007	4,396	-8.8
Defense communications equipment.....	471	518	577	-9.1	-10.2	5.1	418	569	549	557	418	557	-25.0
Audio and video equipment.....	1,048	1,087	1,045	-3.6	4.0	7.6	926	1,335	1,349	905	926	905	2.3
Semiconductors	8,596	5,090	6,732	68.9	-24.4	-12.1	7,898	5,352	7,026	5,818	7,898	5,818	35.8
Electronic components.....	5,009	4,973	4,980	0.7	-0.1	-1.9	4,318	5,340	5,087	3,945	4,318	3,945	9.5
Nondefense search and navigation equipment.....	924	921	906	0.3	1.7	-1.0	792	970	869	785	792	785	0.9
Defense search and navigation equipment.....	3,046	2,949	2,923	3.3	0.9	-1.8	2,441	3,142	2,997	2,176	2,441	2,176	12.2
Electromedical, measuring, and control instruments.....	5,826	5,886	5,917	-1.0	-0.5	-0.3	4,680	7,466	5,465	4,543	4,680	4,543	3.0
Electrical equipment, appliances, and components.....	10,370	10,134	9,900	2.3	2.4	-1.7	9,311	9,998	9,821	8,814	9,311	8,814	5.6
Electric lighting equipment.....	1,068	1,055	1,046	1.2	0.9	-3.1	973	1,104	1,034	926	973	926	5.1
Household appliances.....	1,912	2,029	2,009	-5.8	1.0	-3.1	1,491	2,244	2,027	1,642	1,491	1,642	-9.2
Electrical equipment.....	3,572	3,274	3,257	9.1	0.5	-0.9	3,250	3,174	3,106	2,885	3,250	2,885	12.7
Batteries.....	801	730	556	9.7	31.3	1.6	698	679	740	465	698	465	50.1
Transportation equipment.....	56,846	58,416	56,089	-2.7	4.1	2.2	49,855	57,009	55,907	48,377	49,855	48,377	3.1
Automobiles.....	7,073	7,328	6,903	-3.5	6.2	4.0	6,858	6,521	6,733	6,580	6,858	6,580	4.2
Light trucks and utility vehicles.....	10,991	12,171	10,830	-9.7	12.4	8.4	9,828	11,725	10,469	10,639	9,828	10,639	-7.6
Heavy duty trucks.....	2,238	2,188	2,295	2.3	-4.7	3.4	2,085	1,876	2,136	2,010	2,085	2,010	3.7
Motor vehicle bodies, parts, and trailers.....	17,989	19,001	18,338	-5.3	3.6	-0.8	17,005	16,146	17,979	17,281	17,005	17,281	-1.6
Nondefense aircraft and parts.....	9,091	8,110	8,235	12.1	-1.5	0.2	6,739	9,844	8,887	5,037	6,739	5,037	33.8
Defense aircraft and parts.....	3,719	3,774	3,737	-1.5	1.0	0.6	2,791	4,574	3,980	2,552	2,791	2,552	9.4
Ships and boats.....	2,139	2,176	2,025	-1.7	7.5	1.2	1,739	2,135	1,987	1,654	1,739	1,654	5.1
Furniture and related products.....	7,259	7,508	7,345	-3.3	2.2	-2.5	6,934	7,312	7,286	7,332	6,934	7,332	-5.4
Miscellaneous durable goods.....	12,750	12,806	12,766	-0.4	0.3	-0.8	11,557	13,920	13,207	11,035	11,557	11,035	4.7
Nondurable goods industries.....	179,879	183,490	180,695	-2.0	1.5	0.1	170,994	176,290	178,880	177,065	170,994	177,065	-3.4
Food products.....	44,606	44,387	44,649	0.5	-0.6	0.0	42,878	44,471	46,129	43,025	42,878	43,025	-0.3
Grain and oilseed milling.....	4,168	4,164	4,281	0.1	-2.7	0.4	4,074	3,886	4,673	4,186	4,074	4,186	-2.7
Dairy products.....	6,236	6,199	6,013	0.6	3.1	-0.3	6,141	6,232	6,168	6,025	6,141	6,025	1.9
Meat, poultry, and seafood products.....	13,880	13,878	14,238	0.0	-2.5	0.7	13,245	13,648	14,345	13,905	13,245	13,905	-4.7
Beverage and tobacco products.....	9,987	9,708	10,271	2.9	-5.5	1.0	9,119	9,415	10,195	8,818	9,119	8,818	3.4
Beverages.....	6,655	6,613	6,793	0.6	-2.6	4.8	5,787	6,320	6,717	5,540	5,787	5,540	4.5
Tobacco.....	3,332	3,095	3,478	7.7	-11.0	-5.7	3,332	3,095	3,478	3,278	3,332	3,278	1.6
Textile mills.....	2,783	2,668	2,768	4.3	-3.6	-2.2	2,599	2,414	2,718	2,596	2,599	2,596	0.1
Textile products.....	2,860	2,797	2,716	2.3	3.0	-1.4	2,555	2,446	2,654	2,620	2,555	2,620	-2.5
Apparel.....	2,922	2,942	2,913	-0.7	1.0	0.1	2,547	2,606	3,088	2,568	2,547	2,568	-0.8
Leather and allied products.....	488	466	435	4.7	7.1	-16.8	423	479	456	388	423	388	9.0
Paper products.....	13,424	14,341	13,464	-6.4	6.5	-1.1	13,297	13,964	13,148	13,415	13,297	13,415	-0.9
Pulp, paper, and paperboard mills.....	5,986	6,827	6,041	-12.3	13.0	-1.3	6,037	6,504	5,774	6,031	6,037	6,031	0.1
Paperboard containers.....	3,884	3,983	3,934	-2.5	1.2	-1.1	3,847	3,847	3,872	3,757	3,847	3,757	2.4
Printing.....	7,812	7,785	7,843	0.3	-0.7	2.2	7,317	7,851	8,116	6,974	7,317	6,974	4.9
Petroleum and coal products.....	31,634	34,829	32,365	-9.2	7.6	4.3	28,960	32,587	30,860	34,472	28,960	34,472	-16.0
Petroleum refineries.....	29,036	32,230	29,837	-9.9	8.0	5.3	26,921	30,548	28,489	32,336	26,921	32,336	-16.7
Chemical products.....	46,769	46,863	46,683	-0.2	0.4	-2.2	45,487	45,106	45,668	46,152	45,487	46,152	-1.4
Pesticides, fertilizers, and other agricultural chemicals.....	2,356	2,334	2,294	0.9	1.7	0.6	2,067	1,891	1,627	2,050	2,067	2,050	0.8
Pharmaceuticals and medicines.....	12,789	12,425	12,549	2.9	-1.0	-1.9	12,906	12,226	13,303	12,175	12,906	12,175	6.0
Paints, coatings, and adhesives.....	2,783	2,721	2,744	2.3	-0.8	-2.0	2,440	2,258	2,488	2,243	2,440	2,243	8.8
Plastics and rubber products.....	16,594	16,704	16,588	-0.7	0.7	-0.3	15,812	14,951	15,848	16,037	15,812	16,037	-1.4

^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. 2007 ^p	Dec. 2006 ^r	Nov. 2006	Dec. - Jan.	Nov. - Dec.	Oct. - Nov.	Jan. 2007 ^p	Dec. 2006 ^r	Nov. 2006	Jan. 2006	2007 ^p	2006	Percent 2007/ 2006
All manufacturing industries ²	383,143	406,010	395,762	-5.6	2.6	1.2	363,966	404,729	388,383	363,136	363,966	363,136	0.2
Excluding transportation ²	327,116	336,834	329,248	-2.9	2.3	-0.4	309,549	328,945	322,049	314,394	309,549	314,394	-1.5
Excluding defense ²	373,447	394,996	382,627	-5.5	3.2	0.5	353,931	388,281	374,880	357,710	353,931	357,710	-1.1
With unfilled orders ²	145,909	162,766	158,337	-10.4	2.8	2.3	141,164	170,789	154,090	133,367	141,164	133,367	5.8
Durable goods industries ²	203,264	222,520	215,067	-8.7	3.5	2.2	192,972	228,439	209,503	186,071	192,972	186,071	3.7
Primary metals.....	18,579	18,754	18,437	-0.9	1.7	-1.8	19,145	17,040	17,463	18,233	19,145	18,233	5.0
Iron and steel mills.....	8,510	8,176	8,110	4.1	0.8	-4.0	8,805	7,645	7,750	8,864	8,805	8,864	-0.7
Aluminum and nonferrous metals.....	8,454	8,904	8,727	-5.1	2.0	-1.1	8,663	7,935	8,188	7,648	8,663	7,648	13.3
Ferrous metal foundries.....	1,615	1,674	1,600	-3.5	4.6	6.2	1,677	1,460	1,525	1,721	1,677	1,721	-2.6
Fabricated metal products.....	25,289	24,961	24,403	1.3	2.3	0.6	24,423	22,324	22,727	23,546	24,423	23,546	3.7
Machinery.....	27,280	30,280	28,081	-9.9	7.8	-8.6	26,286	29,655	26,775	26,708	26,286	26,708	-1.6
Construction machinery.....	1,883	3,169	2,890	-40.6	9.7	-21.9	2,091	3,509	2,996	3,019	2,091	3,019	-30.7
Mining, oil field, and gas field machinery.....	1,206	1,391	1,333	-13.3	4.4	-10.6	986	1,389	1,301	1,347	986	1,347	-26.8
Industrial machinery.....	2,528	3,203	2,935	-21.1	9.1	-15.3	2,977	3,195	2,439	4,042	2,977	4,042	-26.3
Photographic equipment.....	660	1,029	662	-35.9	55.4	9.2	610	1,021	731	581	610	581	5.0
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,136	3,810	3,548	8.6	7.4	-11.7	3,862	3,642	3,513	3,119	3,862	3,119	23.8
Metalworking machinery.....	2,787	2,940	3,048	-5.2	-3.5	3.8	2,758	2,825	2,875	2,650	2,758	2,650	4.1
Turbines, generators, and other power transmission equipment.....	3,312	4,214	3,481	-21.4	21.1	-6.2	3,037	4,364	3,330	3,048	3,037	3,048	-0.4
Material handling equipment.....	2,373	2,461	2,280	-3.6	7.9	-5.7	2,351	2,674	2,145	2,033	2,351	2,033	15.6
Computers and electronic products ²	27,756	30,662	29,930	-9.5	2.4	8.0	24,199	37,339	28,920	23,588	24,199	23,588	2.6
Computers.....	4,284	4,577	4,813	-6.4	-4.9	60.6	3,753	5,291	4,378	3,970	3,753	3,970	-5.5
Nondefense communications equipment.....	5,007	6,102	5,046	-17.9	20.9	2.6	4,552	7,103	4,853	4,665	4,552	4,665	-2.4
Defense communications equipment.....	457	691	862	-33.9	-19.8	136.2	329	881	792	241	329	241	36.5
Semiconductors ²	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	4,956	4,856	4,930	2.1	-1.5	-6.1	4,519	5,351	4,787	4,054	4,519	4,054	11.5
Nondefense search and navigation equipment.....	1,094	1,059	1,012	3.3	4.6	1.6	1,245	947	988	889	1,245	889	40.0
Defense search and navigation equipment.....	2,649	3,413	3,508	-22.4	-2.7	-3.0	2,148	4,773	3,557	2,144	2,148	2,144	0.2
Electromedical, measuring, and control instruments.....	5,800	6,385	6,221	-9.2	2.6	2.4	4,943	8,115	5,744	4,982	4,943	4,982	-0.8
Electrical equipment, appliances, and components.....	11,047	10,124	10,230	9.1	-1.0	-2.7	10,592	9,579	10,083	9,961	10,592	9,961	6.3
Electric lighting equipment.....	1,238	1,028	997	20.4	3.1	-2.5	1,174	1,109	942	1,042	1,174	1,042	12.7
Household appliances.....	1,951	1,798	2,034	8.5	-11.6	-8.5	1,701	1,906	2,091	1,893	1,701	1,893	-10.1
Electrical equipment.....	3,869	3,323	3,531	16.4	-5.9	1.0	3,755	2,879	3,420	3,273	3,755	3,273	14.7
Transportation equipment.....	56,027	69,176	66,514	-19.0	4.0	9.9	54,417	75,784	66,334	48,742	54,417	48,742	11.6
Motor vehicle bodies, parts, and trailers.....	18,027	19,324	18,368	-6.7	5.2	-1.9	17,631	17,219	18,144	18,202	17,631	18,202	-3.1
Nondefense aircraft and parts.....	7,452	18,731	14,263	-60.2	31.3	4.2	7,581	24,952	14,652	6,458	7,581	6,458	17.4
Defense aircraft and parts.....	2,609	6,354	5,464	-58.9	16.3	46.9	2,766	8,282	5,587	4,284	2,766	4,284	-35.4
Ships and boats.....	2,683	2,487	2,670	7.9	-6.9	41.9	3,292	3,147	2,730	2,603	3,292	2,603	26.5
Furniture and related products.....	7,356	7,486	7,230	-1.7	3.5	-3.4	7,080	6,663	7,218	7,300	7,080	7,300	-3.0
Nondurable goods industries.....	179,879	183,490	180,695	-2.0	1.5	0.1	170,994	176,290	178,880	177,065	170,994	177,065	-3.4

^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(05), "Manufacturers' Shipments, Inventories, and Orders: 1992-2005."

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. 07/06
	Jan. 2007 ^P	Dec. 2006 ^F	Nov. 2006	Dec. - Jan.	Nov. - Dec.	Oct. - Nov.	Jan. 2007 ^P	Dec. 2006 ^F	Nov. 2006	Jan. 2006	
All manufacturing industries ¹	695,156	694,576	679,242	0.1	2.3	1.8	702,080	691,355	668,151	579,162	21.2
Excluding transportation ¹	315,972	314,573	309,999	0.4	1.5	0.5	316,088	309,925	305,496	277,657	13.8
Excluding defense ¹	542,607	541,663	527,270	0.2	2.7	1.7	547,167	538,472	520,355	440,739	24.1
Durable goods industries ¹	695,156	694,576	679,242	0.1	2.3	1.8	702,080	691,355	668,151	579,162	21.2
Primary metals.....	25,821	26,108	26,307	-1.1	-0.8	-1.0	26,161	25,805	25,372	26,182	-0.1
Iron and steel mills.....	15,307	15,442	15,848	-0.9	-2.6	-2.2	15,451	15,329	15,291	16,603	-6.9
Aluminum and nonferrous metals.....	7,493	7,655	7,533	-2.1	1.6	1.3	7,636	7,516	7,231	6,667	14.5
Ferrous metal foundries.....	3,021	3,011	2,926	0.3	2.9	-0.4	3,074	2,960	2,850	2,912	5.6
Fabricated metal products.....	53,879	53,592	53,590	0.5	0.0	0.0	52,775	51,883	52,373	48,181	9.5
Machinery.....	78,729	77,859	75,775	1.1	2.8	0.3	79,144	76,775	74,995	64,777	22.2
Construction machinery.....	9,676	9,886	9,740	-2.1	1.5	-1.6	10,249	10,040	9,457	7,832	30.9
Mining, oil field, and gas field machinery.....	4,150	4,157	3,972	-0.2	4.7	3.2	3,894	4,046	3,975	2,699	44.3
Industrial machinery.....	11,736	11,559	11,185	1.5	3.3	0.5	11,844	11,105	11,160	10,341	14.5
Photographic equipment.....	1,805	1,829	1,471	-1.3	24.3	0.1	1,788	1,759	1,475	1,360	31.5
Ventilation, heating, air-conditioning, and refrigeration equipment.....	9,822	9,408	9,314	4.4	1.0	-1.0	9,883	9,113	9,199	7,446	32.7
Metalworking machinery.....	8,156	8,193	7,813	-0.5	4.9	3.5	8,083	7,937	7,734	6,242	29.5
Turbines, generators, and other power transmission equipment.....	12,444	12,207	12,137	1.9	0.6	-0.3	12,415	12,298	11,853	10,141	22.4
Material handling equipment.....	9,353	9,092	8,745	2.9	4.0	0.9	9,411	9,043	8,473	7,904	19.1
Computers and electronic products ¹	121,690	122,051	119,456	-0.3	2.2	1.0	122,519	121,516	117,866	107,818	13.6
Computers.....	4,387	4,464	4,389	-1.7	1.7	2.8	4,387	4,464	4,389	4,372	0.3
Nondefense communications equipment.....	30,405	30,369	29,006	0.1	4.7	-0.8	30,194	29,649	28,654	26,788	12.7
Defense communications equipment.....	6,953	6,967	6,794	-0.2	2.5	4.4	7,000	7,089	6,777	6,177	13.3
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	12,164	12,217	12,334	-0.4	-0.9	-0.4	12,302	12,101	12,090	11,419	7.7
Nondefense search and navigation equipment.....	6,230	6,060	5,922	2.8	2.3	1.8	6,281	5,828	5,851	4,477	40.3
Defense search and navigation equipment.....	38,908	39,305	38,841	-1.0	1.2	1.5	39,384	39,677	38,046	34,615	13.8
Electromedical, measuring, and control instruments.....	22,643	22,669	22,170	-0.1	2.3	1.4	22,971	22,708	22,059	19,970	15.0
Electrical equipment, appliances, and components.....	23,329	22,652	22,662	3.0	0.0	1.5	23,300	22,019	22,438	18,981	22.8
Electric lighting equipment.....	2,033	1,863	1,890	9.1	-1.4	-2.5	2,013	1,812	1,807	2,089	-3.6
Household appliances.....	717	678	909	5.8	-25.4	2.8	795	585	923	833	-4.6
Electrical equipment.....	14,045	13,748	13,699	2.2	0.4	2.0	13,964	13,459	13,754	10,863	28.5
Transportation equipment.....	379,184	380,003	369,243	-0.2	2.9	2.9	385,992	381,430	362,655	301,505	28.0
Motor vehicle bodies, parts, and trailers.....	19,953	19,915	19,592	0.2	1.6	0.2	20,644	20,018	18,945	18,013	14.6
Nondefense aircraft and parts.....	230,630	232,269	221,648	-0.7	4.8	2.8	234,908	234,066	218,958	168,855	39.1
Defense aircraft and parts.....	46,883	47,993	45,413	-2.3	5.7	4.0	47,395	47,420	43,712	47,240	0.3
Ships and boats.....	17,695	17,151	16,840	3.2	1.8	4.0	18,727	17,174	16,162	13,811	35.6
Furniture and related products.....	7,100	7,003	7,025	1.4	-0.3	-1.6	6,765	6,619	7,268	7,008	-3.5

^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. 07/06
	Jan. 2007 ^P	Dec. 2006 ^r	Nov. 2006	Dec. - Jan.	Nov. - Dec.	Oct. - Nov.	Jan. 2007 ^P	Dec. 2006 ^r	Nov. 2006	Jan. 2006	
All manufacturing industries	482,033	482,897	481,775	-0.2	0.2	0.2	478,883	469,603	482,476	453,743	5.5
Excluding transportation	413,103	414,576	413,111	-0.4	0.4	0.1	410,652	404,106	413,296	389,916	5.3
Excluding defense	463,369	464,205	462,597	-0.2	0.3	0.2	460,422	451,436	463,315	435,075	5.8
With unfilled orders	232,130	231,171	229,881	0.4	0.6	0.3	231,363	224,859	230,327	212,116	9.1
Durable goods industries	296,797	296,406	294,683	0.1	0.6	0.3	295,532	287,695	295,204	273,315	8.1
Wood products.....	10,901	10,948	11,114	-0.4	-1.5	-1.8	10,950	10,861	11,152	11,584	-5.5
Nonmetallic mineral products.....	11,332	11,418	11,390	-0.8	0.2	0.6	11,325	11,143	11,034	10,297	10.0
Primary metals.....	29,851	29,987	29,967	-0.5	0.1	-0.3	30,108	30,062	29,882	25,862	16.4
Iron and steel mills.....	16,813	17,035	16,903	-1.3	0.8	0.0	16,972	17,198	16,931	14,354	18.2
Aluminum and nonferrous metals.....	10,714	10,639	10,765	0.7	-1.2	-1.2	10,823	10,607	10,700	9,422	14.9
Ferrous metal foundries.....	2,324	2,313	2,299	0.5	0.6	1.9	2,313	2,257	2,251	2,086	10.9
Fabricated metal products.....	38,427	38,355	37,982	0.2	1.0	0.2	38,325	37,394	37,354	34,637	10.6
Machinery.....	47,406	47,457	46,473	-0.1	2.1	0.2	47,308	45,933	46,786	43,718	8.2
Farm machinery.....	2,111	2,107	2,126	0.2	-0.9	-0.9	2,207	2,119	2,104	2,316	-4.7
Construction machinery.....	4,289	4,271	4,317	0.4	-1.1	-1.6	4,279	4,160	4,321	3,728	14.8
Mining, oil field, and gas field machinery.....	3,210	3,142	3,087	2.2	1.8	2.1	3,167	2,991	3,053	2,505	26.4
Industrial machinery.....	7,655	7,756	7,119	-1.3	8.9	-2.1	7,484	7,460	7,158	6,264	19.5
Photographic equipment.....	1,422	1,394	1,388	2.0	0.4	1.8	1,413	1,292	1,400	1,415	-0.1
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,056	3,957	4,064	2.5	-2.6	-0.9	3,967	3,691	4,064	3,769	5.3
Metalworking machinery.....	4,201	4,361	4,228	-3.7	3.1	2.8	4,189	4,216	4,263	4,411	-5.0
Turbines, generators, and other power transmission equipment.....	5,357	5,341	5,171	0.3	3.3	1.5	5,347	5,209	5,385	4,776	12.0
Material handling equipment.....	3,019	2,963	2,943	1.9	0.7	-1.6	3,032	2,908	3,017	2,884	5.1
Computers and electronic products	46,670	46,660	46,203	0.0	1.0	0.8	46,312	44,837	47,047	43,184	7.2
Computers.....	1,242	1,260	1,233	-1.4	2.2	15.4	1,176	1,249	1,281	1,054	11.6
Computer storage devices.....	1,151	1,129	1,101	1.9	2.5	0.3	1,114	981	1,221	989	12.6
Other peripheral equipment.....	2,063	2,074	2,055	-0.5	0.9	0.0	2,033	1,900	2,166	1,998	1.8
Nondefense communications equipment.....	9,154	9,021	9,119	1.5	-1.1	-1.4	9,257	8,753	9,568	9,293	-0.4
Defense communications equipment.....	1,042	956	958	9.0	-0.2	-0.8	1,053	849	982	1,063	-0.9
Audio and video equipment.....	1,058	1,063	1,065	-0.5	-0.2	4.3	1,023	1,035	1,224	820	24.8
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	6,999	6,966	6,933	0.5	0.5	1.2	6,997	6,731	6,874	6,454	8.4
Nondefense search and navigation equipment.....	2,990	2,958	2,903	1.1	1.9	1.1	2,953	2,892	2,910	2,612	13.1
Defense search and navigation equipment.....	2,611	2,611	2,543	0.0	2.7	0.8	2,582	2,544	2,505	2,627	-1.7
Electromedical, measuring and control instruments.....	10,129	9,994	10,051	1.4	-0.6	0.2	10,096	9,758	10,176	9,550	5.7
Electrical equipment, appliances, and components.....	14,388	14,463	14,194	-0.5	1.9	0.8	14,390	13,981	14,043	13,076	10.0
Electric lighting equipment.....	1,752	1,759	1,718	-0.4	2.4	2.3	1,742	1,695	1,683	1,624	7.3
Household appliances.....	1,984	1,967	2,018	0.9	-2.5	-2.9	1,962	1,758	1,984	2,084	-5.9
Electrical equipment.....	5,173	5,262	5,121	-1.7	2.8	1.9	5,246	5,203	5,132	4,341	20.8
Batteries.....	502	501	485	0.2	3.3	6.4	477	452	474	557	-14.4
Transportation equipment.....	68,930	68,321	68,664	0.9	-0.5	0.5	68,231	65,497	69,180	63,827	6.9
Automobiles.....	2,601	2,214	2,516	17.5	-12.0	2.9	2,579	1,992	2,480	2,330	10.7
Light trucks and utility vehicles.....	3,083	3,287	3,269	-6.2	0.6	4.3	2,923	2,922	3,369	3,093	-5.5
Heavy duty trucks.....	1,275	1,450	1,363	-12.1	6.4	-3.6	1,257	1,381	1,373	1,248	0.7
Motor vehicle bodies, parts, and trailers.....	17,668	17,411	17,400	1.5	0.1	0.7	17,706	16,983	17,402	16,671	6.2
Nondefense aircraft and parts.....	25,268	25,050	24,347	0.9	2.9	0.4	24,928	23,890	24,738	21,870	14.0
Defense aircraft and parts.....	11,643	11,682	12,064	-0.3	-3.2	1.1	11,450	11,375	12,059	11,307	1.3
Ships and boats.....	2,507	2,530	2,770	-0.9	-8.7	-3.3	2,525	2,508	2,781	2,712	-6.9
Furniture and related products.....	8,767	8,657	8,823	1.3	-1.9	0.6	8,679	8,419	8,790	8,255	5.1
Miscellaneous durable goods.....	20,125	20,140	19,873	-0.1	1.3	0.1	19,904	19,568	19,936	18,875	5.5
Nondurable goods industries.....	185,236	186,491	187,092	-0.7	-0.3	0.0	183,351	181,908	187,272	180,428	1.6
Food products.....	34,595	34,798	34,533	-0.6	0.8	0.7	34,540	34,903	35,953	32,910	5.0
Grain and oilseed milling.....	4,346	4,289	4,238	1.3	1.2	3.4	4,539	4,379	4,426	4,083	11.2
Dairy products.....	3,830	3,840	3,760	-0.3	2.1	1.5	3,747	3,560	3,561	3,731	0.4
Meat, poultry, and seafood products.....	6,289	6,302	6,231	-0.2	1.1	0.5	6,192	6,266	6,366	5,748	7.7
Beverage and tobacco products.....	15,672	15,531	15,493	0.9	0.2	0.3	15,990	15,538	15,892	15,993	0.0
Beverages.....	11,342	11,205	11,153	1.2	0.5	0.4	11,434	11,099	11,438	11,190	2.2
Tobacco.....	4,330	4,326	4,340	0.1	-0.3	-0.2	4,556	4,439	4,454	4,803	-5.1
Textile mills.....	3,425	3,502	3,499	-2.2	0.1	-1.1	3,428	3,404	3,427	3,582	-4.3
Textile products.....	3,084	3,069	3,084	0.5	-0.5	-1.1	3,073	2,943	3,012	3,070	0.1
Apparel.....	4,175	4,211	4,198	-0.9	0.3	0.9	4,132	4,037	4,028	4,541	-9.0
Leather and allied products.....	820	792	771	3.5	2.7	0.1	824	759	760	814	1.2
Paper products.....	14,746	14,662	14,743	0.6	-0.5	0.8	14,735	14,426	14,563	14,246	3.4
Pulp, paper, and paperboard mills.....	6,770	6,777	6,760	-0.1	0.3	1.6	6,762	6,714	6,627	6,436	5.1
Paperboard containers.....	3,906	3,890	3,901	0.4	-0.3	1.1	3,948	3,849	3,841	3,920	0.7
Printing.....	5,990	5,957	5,979	0.6	-0.4	-1.3	5,632	5,547	6,028	5,610	0.4
Petroleum and coal products.....	26,814	28,144	27,721	-4.7	1.5	0.8	25,368	25,960	27,160	24,650	2.9
Petroleum refineries.....	24,066	25,394	24,978	-5.2	1.7	1.0	22,864	23,527	24,482	22,625	1.1
Chemical products.....	56,961	56,875	57,641	0.2	-1.3	-0.6	56,378	55,738	57,288	56,011	0.7
Pesticides, fertilizers, and other agricultural chemicals.....	2,458	2,508	2,477	-2.0	1.3	0.1	2,784	2,651	2,429	2,904	-4.1
Pharmaceuticals and medicines.....	20,723	20,525	20,910	1.0	-1.8	-0.3	19,785	19,776	20,990	18,672	6.0
Paints, coatings, and adhesives.....	2,889	2,878	2,870	0.4	0.3	0.0	2,868	2,717	2,751	2,791	2.8
Plastics and rubber products.....	18,954	18,950	19,430	0.0	-2.5	-0.6	19,251	18,653	19,161	19,001	1.3

^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						Percent Change ⁶ 2007/ 2006
	Monthly			Percent Change			Monthly			Year to date			
	Jan. 2007 ^p	Dec. 2006 ^r	Nov. 2006	Dec. - Jan.	Nov. - Dec.	Oct. - Nov.	Jan. 2007 ^p	Dec. 2006 ^r	Nov. 2006	Jan. 2006	2007 ^p	2006	
SHIPMENTS													
All manufacturing industries	391,159	395,766	390,522	-1.2	1.3	0.2	361,139	386,877	383,802	362,220	361,139	362,220	-0.3
Construction materials and supplies.....	41,902	43,010	41,675	-2.6	3.2	-0.9	37,367	38,606	39,805	38,037	37,367	38,037	-1.8
Information technology.....	26,809	26,811	27,516	0.0	-2.6	6.5	22,358	31,883	26,843	22,811	22,358	22,811	-2.0
Computers and related products	6,223	6,397	6,580	-2.7	-2.8	35.8	5,058	8,148	6,006	5,501	5,058	5,501	-8.1
Motor vehicle and parts.....	38,291	40,688	38,366	-5.9	6.1	2.8	35,776	36,268	37,317	36,510	35,776	36,510	-2.0
Capital goods.....	74,264	75,252	75,724	-1.3	-0.6	1.6	63,794	81,732	73,366	62,270	63,794	62,270	2.4
Nondefense capital goods ³	66,015	67,016	67,521	-1.5	-0.7	1.8	57,067	72,707	64,873	55,809	57,067	55,809	2.3
Excluding aircraft.....	60,133	61,850	62,252	-2.8	-0.6	2.1	53,298	66,020	58,977	53,337	53,298	53,337	-0.1
Defense capital goods ⁴	8,249	8,236	8,203	0.2	0.4	0.2	6,727	9,025	8,493	6,461	6,727	6,461	4.1
Consumer goods.....	147,495	152,178	147,755	-3.1	3.0	1.3	138,987	148,708	148,403	144,542	138,987	144,542	-3.8
Consumer durable goods.....	34,167	35,849	33,834	-4.7	6.0	2.6	31,053	35,504	33,863	31,979	31,053	31,979	-2.9
Consumer nondurable goods.....	113,328	116,329	113,921	-2.6	2.1	1.0	107,934	113,204	114,540	112,563	107,934	112,563	-4.1
NEW ORDERS													
All manufacturing industries ⁵	383,143	406,010	395,762	-5.6	2.6	1.2	363,966	404,729	388,383	363,136	363,966	363,136	0.2
Construction materials and supplies.....	42,247	42,743	41,222	-1.2	3.7	-2.1	38,285	37,735	38,931	38,905	38,285	38,905	-1.6
Information technology.....	26,648	30,080	28,774	-11.4	4.5	9.5	23,554	36,015	27,754	23,403	23,554	23,403	0.6
Computers and related products	6,146	6,472	6,699	-5.0	-3.4	36.8	4,981	8,223	6,125	5,171	4,981	5,171	-3.7
Motor vehicle and parts.....	38,329	41,011	38,396	-6.5	6.8	2.2	36,402	37,341	37,482	37,431	36,402	37,431	-2.7
Capital goods.....	73,644	89,945	85,173	-18.1	5.6	3.3	69,959	103,502	83,093	64,554	69,959	64,554	8.4
Nondefense capital goods ³	65,454	81,977	73,998	-20.2	10.8	-0.3	61,357	90,747	71,715	60,837	61,357	60,837	0.9
Excluding aircraft.....	61,631	65,802	63,295	-6.3	4.0	-1.0	57,395	68,797	60,280	57,223	57,395	57,223	0.3
Defense capital goods ⁴	8,190	7,968	11,175	2.8	-28.7	35.8	8,602	12,755	11,378	3,717	8,602	3,717	131.4
Consumer goods.....	147,716	151,988	147,902	-2.8	2.8	1.2	139,547	148,190	148,670	144,819	139,547	144,819	-3.6
Consumer durable goods.....	34,388	35,659	33,981	-3.6	4.9	1.9	31,613	34,986	34,130	32,256	31,613	32,256	-2.0
Consumer nondurable goods.....	113,328	116,329	113,921	-2.6	2.1	1.0	107,934	113,204	114,540	112,563	107,934	112,563	-4.1
UNFILLED ORDERS													
All manufacturing industries ⁵	695,156	694,576	679,242	0.1	2.3	1.8	702,080	691,355	668,151	579,162	(X)	(X)	21.2
Construction materials and supplies.....	44,126	43,781	44,048	0.8	-0.6	-1.0	43,153	42,235	43,106	40,242	(X)	(X)	7.2
Information technology.....	117,865	118,026	114,757	-0.1	2.8	1.1	118,533	117,337	113,205	102,955	(X)	(X)	15.1
Computers and related products	4,387	4,464	4,389	-1.7	1.7	2.8	4,387	4,464	4,389	4,372	(X)	(X)	0.3
Motor vehicle and parts.....	19,953	19,915	19,592	0.2	1.6	0.2	20,644	20,018	18,945	18,013	(X)	(X)	14.6
Capital goods.....	511,485	512,105	497,412	-0.1	3.0	1.9	518,132	511,967	490,197	416,979	(X)	(X)	24.3
Nondefense capital goods ³	372,754	373,315	358,354	-0.2	4.2	1.8	377,209	372,919	354,879	291,942	(X)	(X)	29.2
Excluding aircraft.....	169,848	168,350	164,398	0.9	2.4	0.6	169,766	165,669	162,892	143,092	(X)	(X)	18.6
Defense capital goods ⁴	138,731	138,790	139,058	0.0	-0.2	2.2	140,923	139,048	135,318	125,037	(X)	(X)	12.7
Consumer goods.....	8,974	8,753	8,943	2.5	-2.1	1.7	9,112	8,552	9,070	8,959	(X)	(X)	1.7
Consumer durable goods.....	8,974	8,753	8,943	2.5	-2.1	1.7	9,112	8,552	9,070	8,959	(X)	(X)	1.7
TOTAL INVENTORIES													
All manufacturing industries	482,033	482,897	481,775	-0.2	0.2	0.2	478,883	469,603	482,476	453,743	(X)	(X)	5.5
Construction materials and supplies.....	56,098	55,973	56,234	0.2	-0.5	-0.4	55,713	54,238	55,261	52,568	(X)	(X)	6.0
Information technology.....	38,269	37,884	37,721	1.0	0.4	0.5	38,075	36,552	38,647	36,305	(X)	(X)	4.9
Computers and related products	4,456	4,463	4,389	-0.2	1.7	4.0	4,323	4,130	4,668	4,041	(X)	(X)	7.0
Motor vehicle and parts.....	24,627	24,362	24,548	1.1	-0.8	1.1	24,465	23,278	24,624	23,342	(X)	(X)	4.8
Capital goods.....	129,678	130,201	128,269	-0.4	1.5	0.2	128,920	126,135	129,825	120,597	(X)	(X)	6.9
Nondefense capital goods ³	115,432	116,108	114,043	-0.6	1.8	0.3	114,684	112,260	115,611	106,359	(X)	(X)	7.8
Excluding aircraft.....	96,897	96,910	95,559	0.0	1.4	0.3	96,398	93,943	96,773	89,618	(X)	(X)	7.6
Defense capital goods ⁴	14,246	14,093	14,226	1.1	-0.9	0.0	14,236	13,875	14,214	14,238	(X)	(X)	0.0
Consumer goods.....	142,640	143,488	143,598	-0.6	-0.1	0.6	140,472	139,087	144,838	136,503	(X)	(X)	2.9
Consumer durable goods.....	27,702	27,394	27,816	1.1	-1.5	0.9	27,518	26,034	27,988	26,748	(X)	(X)	2.9
Consumer nondurable goods.....	114,938	116,094	115,782	-1.0	0.3	0.5	112,954	113,053	116,850	109,755	(X)	(X)	2.9

^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. 07/06
	Jan. 2007 ^P	Dec. 2006 ^F	Nov. 2006	Dec. - Jan.	Nov. - Dec.	Oct. - Nov.	Jan. 2007 ^P	Dec. 2006 ^F	Nov. 2006	Jan. 2006	
<u>MATERIALS AND SUPPLIES</u>											
All manufacturing industries.....	164,794	164,669	165,138	0.1	-0.3	0.1	164,753	163,159	165,439	157,232	4.8
Durable goods industries.....	101,248	101,175	101,246	0.1	-0.1	-0.1	101,321	100,474	101,781	93,604	8.2
Wood products.....	4,588	4,635	4,607	-1.0	0.6	-2.1	4,775	4,906	4,919	5,214	-8.4
Nonmetallic mineral products.....	4,315	4,257	4,240	1.4	0.4	0.4	4,291	4,217	4,225	3,885	10.5
Primary metals.....	11,010	11,065	10,761	-0.5	2.8	-0.6	11,065	11,326	10,874	8,976	23.3
Fabricated metal products.....	14,572	14,558	14,397	0.1	1.1	-0.4	14,577	14,477	14,173	12,694	14.1
Machinery.....	17,614	17,382	17,237	1.3	0.8	1.3	17,690	17,045	17,254	15,773	12.2
Computers and electronic products ...	16,087	16,144	16,375	-0.4	-1.4	-1.6	15,961	15,747	16,595	15,068	5.9
Electrical equipment, appliances, and components.....	5,773	5,827	5,643	-0.9	3.3	0.7	5,818	5,837	5,650	5,365	8.4
Transportation equipment.....	16,985	17,067	17,803	-0.5	-4.1	0.4	16,870	16,816	17,894	16,763	0.6
Furniture and related products.....	3,609	3,502	3,523	3.1	-0.6	-0.2	3,608	3,479	3,508	3,506	2.9
Miscellaneous products.....	6,695	6,738	6,660	-0.6	1.2	0.5	6,666	6,624	6,689	6,360	4.8
Nondurable goods industries.....	63,546	63,494	63,892	0.1	-0.6	0.4	63,432	62,685	63,658	63,628	-0.3
Food products.....	11,985	11,925	11,938	0.5	-0.1	2.1	12,210	12,116	12,298	11,745	4.0
Beverage and tobacco products.....	4,639	4,664	4,631	-0.5	0.7	1.3	4,839	4,798	4,641	4,973	-2.7
Textiles.....	1,047	1,044	1,055	0.3	-1.0	-0.4	1,057	1,030	1,026	1,081	-2.2
Textile products.....	1,323	1,297	1,313	2.0	-1.2	-1.1	1,317	1,261	1,283	1,281	2.8
Apparel.....	1,160	1,158	1,159	0.2	-0.1	-0.7	1,163	1,144	1,135	1,216	-4.4
Leather and allied products.....	248	247	238	0.4	3.8	-2.9	242	242	236	273	-11.4
Paper products.....	7,060	6,978	7,089	1.2	-1.6	1.6	7,059	6,941	7,026	6,912	2.1
Printing.....	2,868	2,938	2,903	-2.4	1.2	0.0	2,738	2,792	2,894	2,647	3.4
Petroleum and coal products.....	8,615	8,544	8,737	0.8	-2.2	1.7	8,179	8,027	8,531	8,205	-0.3
Chemical products.....	17,157	17,320	17,238	-0.9	0.5	-1.3	17,072	16,929	17,004	17,544	-2.7
Plastics and rubber products.....	7,444	7,379	7,591	0.9	-2.8	-1.1	7,556	7,405	7,584	7,751	-2.5
<u>WORK IN PROCESS</u>											
All manufacturing industries	135,504	135,112	133,418	0.3	1.3	0.5	134,459	130,755	134,993	124,153	8.3
Durable goods industries	105,529	105,031	103,066	0.5	1.9	0.5	104,875	101,222	103,706	94,990	10.4
Wood products.....	2,038	2,029	2,110	0.4	-3.8	-0.8	2,031	2,037	2,113	2,014	0.8
Nonmetallic mineral products.....	1,307	1,305	1,309	0.2	-0.3	1.3	1,300	1,232	1,221	1,148	13.2
Primary metals.....	9,530	9,427	9,660	1.1	-2.4	2.0	9,615	9,276	9,568	8,109	18.6
Fabricated metal products.....	11,126	11,096	11,027	0.3	0.6	0.7	11,060	10,712	10,978	10,090	9.6
Machinery.....	13,684	13,751	12,928	-0.5	6.4	-2.5	13,327	12,904	13,287	12,260	8.7
Computers and electronic products ...	21,197	21,191	20,705	0.0	2.3	1.3	21,034	20,278	21,042	19,777	6.4
Electrical equipment, appliances, and components.....	2,896	2,935	2,848	-1.3	3.1	-0.5	2,880	2,809	2,796	2,601	10.7
Transportation equipment.....	39,040	38,565	37,684	1.2	2.3	1.0	39,030	37,420	37,895	34,322	13.7
Furniture and related products.....	1,553	1,564	1,627	-0.7	-3.9	0.2	1,552	1,554	1,620	1,609	-3.5
Miscellaneous products.....	3,158	3,168	3,168	-0.3	0.0	-1.2	3,046	3,000	3,186	3,060	-0.5
Nondurable goods industries.....	29,975	30,081	30,352	-0.4	-0.9	0.5	29,584	29,533	31,287	29,163	1.4
Food products.....	2,785	2,859	2,881	-2.6	-0.8	-3.8	2,851	3,162	3,301	2,532	12.6
Beverage and tobacco products.....	4,830	4,850	4,793	-0.4	1.2	2.8	5,091	5,236	5,224	4,913	3.6
Textiles.....	816	833	862	-2.0	-3.4	-2.6	823	811	851	967	-14.9
Textile products.....	408	427	419	-4.4	1.9	-0.5	403	395	414	461	-12.6
Apparel.....	761	798	770	-4.6	3.6	1.6	765	755	761	839	-8.8
Leather and allied products.....	112	87	90	28.7	-3.3	1.1	111	81	85	108	2.8
Paper products.....	1,157	1,172	1,208	-1.3	-3.0	0.8	1,155	1,160	1,187	1,124	2.8
Printing.....	1,374	1,371	1,386	0.2	-1.1	-4.3	1,266	1,158	1,423	1,484	-14.7
Petroleum and coal products.....	4,240	4,646	4,466	-8.7	4.0	8.9	3,990	4,158	4,436	4,066	-1.9
Chemical products.....	11,385	10,939	11,350	4.1	-3.6	-1.7	10,971	10,576	11,472	10,602	3.5
Plastics and rubber products.....	2,107	2,099	2,127	0.4	-1.3	1.7	2,158	2,041	2,133	2,067	4.4
<u>FINISHED GOODS</u>											
All manufacturing industries	181,735	183,116	183,219	-0.8	-0.1	0.1	179,671	175,689	182,044	172,358	4.2
Durable goods industries	90,020	90,200	90,371	-0.2	-0.2	0.5	89,336	85,999	89,717	84,721	5.4
Wood products.....	4,275	4,284	4,397	-0.2	-2.6	-1.9	4,144	3,918	4,120	4,356	-4.9
Nonmetallic mineral products.....	5,710	5,856	5,841	-2.5	0.3	0.5	5,734	5,694	5,588	5,264	8.9
Primary metals.....	9,311	9,495	9,546	-1.9	-0.5	-2.1	9,428	9,460	9,440	8,777	7.4
Fabricated metal products.....	12,729	12,701	12,558	0.2	1.1	0.5	12,688	12,205	12,203	11,853	7.0
Machinery.....	16,108	16,324	16,308	-1.3	0.1	1.2	16,291	15,984	16,245	15,685	3.9
Computers and electronic products ...	9,386	9,325	9,123	0.7	2.2	4.0	9,317	8,812	9,410	8,339	11.7
Electrical equipment, appliances, and components.....	5,719	5,701	5,703	0.3	0.0	1.6	5,692	5,335	5,597	5,110	11.4
Transportation equipment.....	12,905	12,689	13,177	1.7	-3.7	-0.5	12,331	11,261	13,391	12,742	-3.2
Furniture and related products.....	3,605	3,591	3,673	0.4	-2.2	1.5	3,519	3,386	3,662	3,140	12.1
Miscellaneous products.....	10,272	10,234	10,045	0.4	1.9	0.1	10,192	9,944	10,061	9,455	7.8
Nondurable goods industries.....	91,715	92,916	92,848	-1.3	0.1	-0.3	90,335	89,690	92,327	87,637	3.1
Food products.....	19,825	20,014	19,714	-0.9	1.5	0.6	19,479	19,625	20,354	18,633	4.5
Beverage and tobacco products.....	6,203	6,017	6,069	3.1	-0.9	-2.4	6,060	5,504	6,027	6,107	-0.8
Textiles.....	1,562	1,625	1,582	-3.9	2.7	-0.8	1,548	1,563	1,550	1,534	0.9
Textile products.....	1,353	1,345	1,352	0.6	-0.5	-1.2	1,353	1,287	1,315	1,328	1.9
Apparel.....	2,254	2,255	2,269	0.0	-0.6	1.4	2,204	2,138	2,132	2,486	-11.3
Leather and allied products.....	460	458	443	0.4	3.4	1.6	471	436	439	433	8.8
Paper products.....	6,529	6,512	6,446	0.3	1.0	-0.2	6,521	6,325	6,350	6,210	5.0
Printing.....	1,748	1,648	1,690	6.1	-2.5	-1.1	1,628	1,597	1,711	1,479	10.1
Petroleum and coal products.....	13,959	14,954	14,518	-6.7	3.0	-2.0	13,199	13,775	14,193	12,379	6.6
Chemical products.....	28,419	28,616	29,053	-0.7	-1.5	0.4	28,335	28,233	28,812	27,865	1.7
Plastics and rubber products.....	9,403	9,472	9,712	-0.7	-2.5	-0.7	9,537	9,207	9,444	9,183	3.9

^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			
	Jan 2007 ^p	Dec 2006 ^r	Nov 2006	Oct 2006	Jan 2007 ^p	Dec 2006 ^r	Nov 2006	Oct 2006
All manufacturing industries ²	1.23	1.22	1.23	1.23	(X)	(X)	(X)	(X)
Durable goods industries ²	1.40	1.40	1.40	1.40	4.78	4.71	4.64	4.58
Wood products.....	1.45	1.30	1.47	1.50	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.19	1.17	1.18	1.15	(X)	(X)	(X)	(X)
Primary metals.....	1.58	1.58	1.60	1.59	1.37	1.38	1.41	1.41
Fabricated metal products.....	1.54	1.54	1.56	1.55	2.23	2.22	2.26	2.26
Machinery.....	1.80	1.68	1.67	1.64	3.30	3.03	2.98	2.92
Computers and electronic products ² ..	1.27	1.41	1.30	1.32	4.95	4.98	4.73	4.99
Electrical equipment, appliances, and components.....	1.39	1.43	1.43	1.40	2.44	2.41	2.43	2.35
Transportation equipment.....	1.21	1.17	1.22	1.24	10.38	10.35	10.24	9.96
Furniture and related products.....	1.21	1.15	1.20	1.16	1.11	1.05	1.08	1.07
Miscellaneous products.....	1.58	1.57	1.56	1.54	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.03	1.02	1.04	1.04	(X)	(X)	(X)	(X)
Food products.....	0.78	0.78	0.77	0.77	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.57	1.60	1.51	1.52	(X)	(X)	(X)	(X)
Textiles.....	1.23	1.31	1.26	1.25	(X)	(X)	(X)	(X)
Textile products.....	1.08	1.10	1.14	1.13	(X)	(X)	(X)	(X)
Apparel.....	1.43	1.43	1.44	1.43	(X)	(X)	(X)	(X)
Leather and allied products.....	1.68	1.70	1.77	1.47	(X)	(X)	(X)	(X)
Paper products.....	1.10	1.02	1.09	1.07	(X)	(X)	(X)	(X)
Printing.....	0.77	0.77	0.76	0.79	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.85	0.81	0.86	0.89	(X)	(X)	(X)	(X)
Chemical products.....	1.22	1.21	1.23	1.21	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.14	1.13	1.17	1.18	(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 2007	Jan ² 2006- Dec 2006	Jan ¹ 2007	Jan ² 2006- Dec 2006	Jan ¹ 2007	Jan ² 2006- Dec 2006	Jan ¹ 2007	Jan ² 2006- Dec 2006
All manufacturing industries.....	(X)	0.3	(X)	0.4	(X)	0.2	(X)	0.2
Durable goods industries.....	-0.7	0.2	-0.9	0.5	0.0	0.2	-0.2	0.2
Wood products.....	(X)	1.7	(X)	(NA)	(X)	(NA)	(X)	0.9
Nonmetallic mineral products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.2
Primary metals.....	0.2	0.7	0.6	1.5	0.3	0.5	0.2	0.4
Fabricated metal products.....	0.1	0.3	-0.1	0.8	-0.1	0.3	-0.2	0.3
Machinery.....	-0.3	0.5	-0.6	1.3	-0.2	0.4	-0.1	0.2
Computers and electronic products	-0.1	0.5	-1.7	1.0	-0.3	0.2	-0.2	0.4
Electrical equipment, appliances, and components.....	0.1	0.5	1.2	1.6	0.4	0.7	0.2	0.4
Transportation equipment.....	-1.2	0.6	-1.0	1.3	0.0	0.2	-0.5	0.3
Furniture and related products.....	(X)	0.4	(X)	0.8	(X)	0.6	(X)	0.2
Miscellaneous products.....	(X)	0.8	(X)	1.0	(X)	1.0	(X)	0.3
Nondurable goods industries.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.4
Food products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.4
Beverage and tobacco products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.2
Textiles.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.5
Textile products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.2
Apparel.....	(X)	1.0	(X)	(NA)	(X)	(NA)	(X)	1.3
Leather and allied products.....	(X)	2.8	(X)	(NA)	(X)	(NA)	(X)	1.9
Paper products.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.3
Printing.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.2
Petroleum and coal products.....	(X)	1.2	(X)	(NA)	(X)	(NA)	(X)	1.3
Chemical products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.4
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 4,200 reporting units. Units may be divisions of diversified large companies, large homogenous companies, or single-unit manufacturers in 89 industry categories. Due to the small monthly sample, these 89 categories have been combined into 59 publication levels. The survey methodology assumes that the month-to-month changes of the total operations of those companies in the monthly survey effectively represent the month-to-month movements of all establishments that make up the category. The current coverage levels in the survey show that reported data in the monthly survey represent approximately 62 percent of the shipments estimates at the total manufacturing level. Data published represent manufacturing in a calendar month. The data collection is based on a voluntary survey authorized by Title 13 of the United States Code.

The data presented in this release are based on data obtained from a panel of 4,200 reporting units and provide an indication of the activity within the manufacturing sector. The results differ from what would be obtained from a complete enumeration of all manufacturing companies. In addition, a different panel of 4,200 companies would yield different results. The M3 panel is comprised of companies with \$500 million or more in shipments and a limited number of smaller companies. From a statistical perspective, the panel is not a probability sample; therefore, the sampling errors that are normally provided with sample surveys cannot be measured. Nonsampling errors are attributable to many sources. The use of company or divisional reports to estimate the monthly change for establishments is one source of nonsampling error. The use of primarily large companies to represent the month-to-month movement of all companies is another potential source. Any corrections will be published in the full report. Corrections received after the full report 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>.

2007 Release Dates for M3 Survey

Survey Month	Advance 8:30 A.M.	Preliminary 10:00 A.M.
Jan 2007	February 27, 2007	March 6, 2007
Feb 2007	March 28, 2007	April 4, 2007
Mar 2007	April 25, 2007	May 2, 2007
Apr 2007	May 24, 2007	June 4, 2007
May 2007	June 27, 2007	July 3, 2007
Jun 2007	July 26, 2007	August 2, 2007
Jul 2007	August 24, 2007	August 31, 2007
Aug 2007	September 26, 2007	October 4, 2007
Sep 2007	October 25, 2007	November 2, 2007
Oct 2007	November 28, 2007	December 5, 2007
Nov 2007	December 27, 2007	