

U.S. Census Bureau News

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

FOR IMMEDIATE RELEASE
FRIDAY, MARCH 4, 2005, AT 10:00 A.M. EST

Chris Savage or Patrick Kent
Manufacturing and Construction Division
(301) 763-4832

M3-2 (05)-01
CB05-30

Full Report on Durable Goods Manufacturers' Shipments, Inventories and Orders January 2005

Summary

New orders for manufactured goods in January increased \$0.6 billion or 0.2 percent to \$380.5 billion, the U.S. Census Bureau reported today. This followed a 0.5 percent December increase.

Shipments, up eight of the last nine months, increased \$5.5 billion or 1.4 percent to \$389.4 billion. This followed a 1.2 percent December increase.

Unfilled orders, down following eleven consecutive monthly increases, decreased \$1.0 billion or 0.2 percent to \$551.2 billion. This followed a 0.5 percent December increase. The unfilled orders-to-shipments ratio was 3.83, down from 3.93 in December.

Inventories, up fourteen consecutive months, increased \$6.1 billion or 1.3 percent to \$477.5 billion. This followed a 0.1 percent December increase. The inventories-to-shipments ratio was unchanged at 1.23.

New Orders

New orders for manufactured durable goods in January decreased \$2.6 billion or 1.3 percent to \$199.9 billion, revised from the previously published 0.9 percent decrease. This followed a 1.5 percent December increase.

Transportation equipment had the largest decrease, \$3.1 billion or 5.4 percent to \$53.2 billion, due to nondefense aircraft and parts, which decreased \$2.4 billion.

New orders for manufactured nondurable goods increased \$3.2 billion or 1.8 percent to \$180.6 billion.

Shipments

Shipments of manufactured durable goods in January, up seven of the last eight months, increased \$2.3 billion or 1.1 percent to \$208.8 billion, revised from the previously published 1.5 percent increase. This was at the highest level since the series was first published on a

NAICS basis in 1992 and followed a 3.0 percent December increase.

Computers and electronic products, up seven of the last eight months, had the largest increase, \$1.5 billion or 3.8 percent to \$42.1 billion.

Shipments of manufactured nondurable goods, up three of the last four months, increased \$3.2 billion or 1.8 percent to \$180.6 billion. This was at the highest level since the series began in 1992.

Unfilled Orders

Unfilled orders of manufactured durable goods in January, down following eleven consecutive monthly increases, decreased \$1.0 billion or 0.2 percent to \$551.2 billion. This followed a 0.5 percent December increase.

Transportation equipment, down following two consecutive monthly increases, decreased \$1.1 billion or 0.4 percent to \$262.8 billion.

Inventories

Inventories of manufactured durable goods in January, up fourteen consecutive months, increased \$3.5 billion or 1.2 percent to \$286.8 billion, revised from the previously published 0.9 percent increase. This followed a 0.3 percent December increase.

Primary metals had the largest increase, \$0.7 billion or 3.4 percent to \$22.4 billion.

Inventories of manufactured nondurable goods, up three of the last four months, increased \$2.6 billion or 1.4 percent to \$190.6 billion. This was at the highest level since the series began in 1992.

By stage of fabrication, January materials and supplies increased 1.5 percent in durable goods and 0.7 percent in nondurable goods. Work in process increased 0.7 percent in durable goods and decreased 0.4 percent in nondurable goods. Finished goods increased 1.5 percent in durable goods and 2.4 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 24, 2005, at 8:30 a.m. EST and the full report on March 31, 2005, at 10:00 a.m. EST. See back page for survey description and release dates.

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. 2005 ^P	Dec. 2004 ^r	Nov. 2004	Dec. - Jan.	Nov. - Dec.	Oct. - Nov.	Jan. 2005 ^P	Dec. 2004 ^r	Nov. 2004	Jan. 2004	2005 ^P	2004	Percent 2005/ 2004
All manufacturing industries	389,415	383,872	379,147	1.4	1.2	0.4	352,743	381,071	373,088	318,434	352,743	318,434	10.8
Excluding transportation	335,037	329,007	326,272	1.8	0.8	0.6	305,355	328,171	320,682	271,936	305,355	271,936	12.3
Excluding defense	379,486	374,462	369,611	1.3	1.3	0.5	344,739	370,343	363,373	310,668	344,739	310,668	11.0
With unfilled orders	143,769	140,430	136,764	2.4	2.7	-0.5	127,827	143,205	134,335	113,001	127,827	113,001	13.1
Durable goods industries	208,786	206,456	200,500	1.1	3.0	0.2	184,587	208,569	197,014	166,170	184,587	166,170	11.1
Wood products.....	9,198	9,476	8,957	-2.9	5.8	0.2	7,642	8,559	8,555	6,982	7,642	6,982	9.5
Nonmetallic mineral products.....	8,003	8,027	7,894	-0.3	1.7	3.7	7,123	7,182	7,788	6,358	7,123	6,358	12.0
Primary metals.....	15,590	15,338	14,885	1.6	3.0	2.8	14,925	13,641	14,158	11,548	14,925	11,548	29.2
Iron and steel mills.....	7,531	7,466	7,221	0.9	3.4	3.2	7,108	6,677	6,816	5,110	7,108	5,110	39.1
Aluminum and nonferrous metals.....	6,253	6,171	6,019	1.3	2.5	2.6	6,125	5,463	5,776	5,182	6,125	5,182	18.2
Ferrous metal foundries.....	1,806	1,701	1,645	6.2	3.4	1.7	1,692	1,501	1,566	1,256	1,692	1,256	34.7
Fabricated metal products.....	23,839	23,478	23,366	1.5	0.5	2.0	21,897	21,983	22,990	19,226	21,897	19,226	13.9
Machinery.....	27,324	26,720	25,077	2.3	6.6	-3.8	23,805	26,454	23,151	19,872	23,805	19,872	19.8
Farm machinery.....	1,836	1,973	1,870	-6.9	5.5	-7.0	1,592	1,663	1,339	1,361	1,592	1,361	17.0
Construction machinery.....	2,803	2,940	2,791	-4.7	5.3	5.0	2,364	2,817	2,411	1,833	2,364	1,833	29.0
Mining, oil field, and gas field machinery.....	947	939	963	0.9	-2.5	-1.7	900	1,029	898	740	900	740	21.6
Industrial machinery.....	3,605	3,357	2,781	7.4	20.7	-28.5	3,279	3,888	2,280	2,651	3,279	2,651	23.7
Photographic equipment.....	999	841	907	18.8	-7.3	5.0	819	923	962	736	819	736	11.3
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,017	3,120	2,975	-3.3	4.9	2.9	2,455	3,076	2,780	2,162	2,455	2,162	13.6
Metalworking machinery.....	2,637	2,676	2,048	-1.5	30.7	5.2	2,109	2,520	2,284	1,673	2,109	1,673	26.1
Turbines, generators, and other power transmission equipment.....	3,587	3,259	3,216	10.1	1.3	-4.0	3,194	3,238	3,031	2,642	3,194	2,642	20.9
Material handling equipment.....	1,656	1,624	1,607	2.0	1.1	3.4	1,571	1,691	1,512	1,374	1,571	1,374	14.3
Computers and electronic products	42,128	40,579	40,281	3.8	0.7	0.2	36,505	48,697	40,183	32,428	36,505	32,428	12.6
Computers.....	6,737	6,221	6,095	8.3	2.1	-5.5	6,792	6,996	5,683	5,435	6,792	5,435	25.0
Computer storage devices.....	1,744	1,724	1,548	1.2	11.4	2.7	1,088	3,123	1,167	801	1,088	801	35.8
Other peripheral equipment.....	1,617	1,536	1,642	5.3	-6.5	1.9	1,135	2,264	1,639	1,108	1,135	1,108	2.4
Nondefense communications equipment.....	6,578	6,178	6,431	6.5	-3.9	1.1	5,523	7,906	6,745	5,199	5,523	5,199	6.2
Defense communications equipment.....	472	746	456	-36.7	63.6	-37.9	428	781	412	533	428	533	-19.7
Audio and video equipment.....	839	837	811	0.2	3.2	6.3	721	951	1,018	566	721	566	27.4
Semiconductors	7,935	6,994	7,308	13.5	-4.3	1.0	7,240	7,253	7,698	5,961	7,240	5,961	21.5
Electronic components.....	5,143	5,124	4,892	0.4	4.7	6.9	4,622	5,792	5,333	3,965	4,622	3,965	16.6
Nondefense search and navigation equipment.....	958	934	942	2.6	-0.8	0.1	814	1,017	926	749	814	749	8.7
Defense search and navigation equipment.....	2,735	2,767	2,836	-1.2	-2.4	3.0	2,172	3,254	2,934	2,044	2,172	2,044	6.3
Electromedical, measuring, and control instruments.....	6,802	6,935	6,781	-1.9	2.3	0.6	5,446	8,779	5,997	5,574	5,446	5,574	-2.3
Electrical equipment, appliances, and components.....	9,374	8,999	9,061	4.2	-0.7	1.4	8,063	9,329	9,173	7,353	8,063	7,353	9.7
Electric lighting equipment.....	1,115	1,081	1,093	3.1	-1.1	1.4	988	1,218	1,110	892	988	892	10.8
Household appliances.....	2,097	2,192	2,114	-4.3	3.7	2.8	1,656	2,439	2,188	1,604	1,656	1,604	3.2
Electrical equipment.....	2,904	2,645	2,710	9.8	-2.4	0.4	2,474	2,752	2,587	2,128	2,474	2,128	16.3
Batteries.....	513	489	513	4.9	-4.7	-0.2	427	487	673	430	427	430	-0.7
Transportation equipment.....	54,378	54,865	52,875	-0.9	3.8	-0.6	47,388	52,900	52,406	46,498	47,388	46,498	1.9
Automobiles.....	7,388	7,635	7,291	-3.2	4.7	3.1	6,780	6,884	7,117	6,830	6,780	6,830	-0.7
Light trucks and utility vehicles.....	10,703	12,175	11,337	-12.1	7.4	1.8	9,324	11,325	11,076	10,106	9,324	10,106	-7.7
Heavy duty trucks	1,453	1,405	1,429	3.4	-1.7	10.3	1,310	1,238	1,311	1,047	1,310	1,047	25.1
Motor vehicle bodies, parts, and trailers.....	18,685	18,555	17,882	0.7	3.8	-0.3	17,159	16,447	17,630	16,979	17,159	16,979	1.1
Nondefense aircraft and parts.....	6,076	5,906	5,502	2.9	7.3	-12.0	4,621	6,963	5,675	3,921	4,621	3,921	17.9
Defense aircraft and parts.....	3,775	3,170	3,373	19.1	-6.0	-3.3	3,054	3,794	3,428	2,910	3,054	2,910	4.9
Ships and boats.....	2,931	2,492	2,448	17.6	1.8	0.3	2,514	2,317	2,536	1,738	2,514	1,738	44.6
Furniture and related products.....	6,660	6,667	6,441	-0.1	3.5	1.7	6,294	6,437	6,376	5,881	6,294	5,881	7.0
Miscellaneous durable goods	12,292	12,307	11,663	-0.1	5.5	2.6	10,945	13,387	12,234	10,024	10,945	10,024	9.2
Nondurable goods industries.....	180,629	177,416	178,647	1.8	-0.7	0.7	168,156	172,502	176,074	152,264	168,156	152,264	10.4
Food products.....	42,357	41,456	41,082	2.2	0.9	-1.0	40,161	41,946	42,093	36,740	40,161	36,740	9.3
Grain and oilseed milling.....	2,977	3,046	2,437	-2.3	25.0	-25.2	2,830	2,963	2,586	3,416	2,830	3,416	-17.2
Dairy products.....	6,807	6,576	6,577	3.5	0.0	3.1	6,396	6,502	6,636	5,562	6,396	5,562	15.0
Meat, poultry, and seafood products.....	13,395	13,287	13,139	0.8	1.1	0.6	12,819	13,230	13,229	10,706	12,819	10,706	19.7
Beverage and tobacco products.....	8,991	9,119	9,126	-1.4	-0.1	-0.5	8,174	8,779	8,884	7,828	8,174	7,828	4.4
Beverages.....	6,055	6,001	6,072	0.9	-1.2	-0.1	5,238	5,661	5,830	5,264	5,238	5,264	-0.5
Tobacco.....	2,936	3,118	3,054	-5.8	2.1	-1.2	2,936	3,118	3,054	2,564	2,936	2,564	14.5
Textile mills.....	3,471	3,476	3,423	-0.1	1.5	0.9	3,122	3,169	3,324	3,078	3,122	3,078	1.4
Textile products.....	3,296	3,190	3,149	3.3	1.3	-0.4	2,909	2,784	3,171	2,842	2,909	2,842	2.4
Apparel.....	4,487	4,576	4,713	-1.9	-2.9	0.6	3,962	3,949	4,734	4,163	3,962	4,163	-4.8
Leather and allied products.....	952	748	852	27.3	-12.2	0.6	830	791	913	740	830	740	12.2
Paper products.....	15,182	14,732	14,670	3.1	0.4	1.5	14,662	14,502	14,445	13,645	14,662	13,645	7.5
Pulp, paper, and paperboard mills.....	6,296	6,294	6,172	0.0	2.0	1.0	6,158	6,102	6,070	5,664	6,158	5,664	8.7
Paperboard containers.....	4,052	4,109	4,064	-1.4	1.1	3.0	3,848	3,913	3,954	3,546	3,848	3,546	8.5
Printing.....	8,064	7,945	7,834	1.5	1.4	-0.5	7,505	8,194	8,236	7,267	7,505	7,267	3.3
Petroleum and coal products.....	31,408	30,781	32,212	2.0	-4.4	1.4	28,446	29,554	30,579	22,722	28,446	22,722	25.2
Petroleum refineries.....	28,750	28,224	29,724	1.9	-5.0	1.1	26,605	27,577	28,207	21,274	26,605	21,274	25.1
Basic chemicals.....	44,612	43,748	44,078	2.0	-0.7	1.2	41,924	42,691	43,149	38,115	41,924	38,115	10.0
Pesticides, fertilizers, and other agricultural chemicals.....	1,822	1,750	1,801	4.1	-2.8	-1.9	1,535	1,484	1,405	1,387	1,535	1,387	10.7
Pharmaceuticals and medicines.....	9,721	9,525	10,004	2.1	-4.8	0.7	9,478	9,395	10,513	9,403	9,478	9,403	0.8
Paints, coatings, and adhesives.....	2,550	2,564	2,510	-0.5	2.2	1.5	2,284	2,282	2,328	2,063	2,284	2,063	10.7
Plastics and rubber products.....	17,809	17,645	17,508	0.9	0.8	2.7	16,461	16,143	16,546	15,124	16,461	15,124	8.8

^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. 2005 ^p	Dec. 2004 ^r	Nov. 2004	Dec. - Jan.	Nov. - Dec.	Oct. - Nov.	Jan. 2005 ^p	Dec. 2004 ^r	Nov. 2004	Jan. 2004	2005 ^p	2004	Percent 2005/ 2004
All manufacturing industries ²	380,525	379,892	378,047	0.2	0.5	1.4	353,198	381,890	371,179	319,858	353,198	319,858	10.4
Excluding transportation ²	327,296	323,611	320,452	1.1	1.0	0.0	303,727	321,914	314,483	271,739	303,727	271,739	11.8
Excluding defense ²	372,055	371,143	368,191	0.2	0.8	2.5	344,493	367,216	361,613	309,392	344,493	309,392	11.3
With unfilled orders ²	142,814	143,444	142,972	-0.4	0.3	2.0	135,522	151,277	140,124	120,386	135,522	120,386	12.6
Durable goods industries ²	199,896	202,476	199,400	-1.3	1.5	2.0	185,042	209,388	195,105	167,594	185,042	167,594	10.4
Primary metals.....	15,320	15,252	14,927	0.4	2.2	5.1	15,339	13,890	14,142	12,487	15,339	12,487	22.8
Iron and steel mills.....	7,259	7,373	7,168	-1.5	2.9	8.7	7,079	6,723	6,833	5,412	7,079	5,412	30.8
Aluminum and nonferrous metals.....	6,274	6,178	6,076	1.6	1.7	1.6	6,491	5,654	5,690	5,686	6,491	5,686	14.2
Ferrous metal foundries.....	1,787	1,701	1,683	5.1	1.1	3.8	1,769	1,513	1,619	1,389	1,769	1,389	27.4
Fabricated metal products.....	24,055	23,630	23,619	1.8	0.0	-0.5	22,955	21,768	22,945	21,065	22,955	21,065	9.0
Machinery.....	27,064	27,251	25,848	-0.7	5.4	-4.2	25,070	26,616	24,022	21,383	25,070	21,383	17.2
Construction machinery.....	2,968	2,998	2,984	-1.0	0.5	2.0	2,965	3,036	2,762	2,156	2,965	2,156	37.5
Mining, oil field, and gas field machinery.....	1,001	992	1,075	0.9	-7.7	11.7	954	1,082	1,010	755	954	755	26.4
Industrial machinery.....	3,152	3,196	2,811	-1.4	13.7	-29.6	3,254	3,434	2,357	3,368	3,254	3,368	-3.4
Photographic equipment.....	916	865	915	5.9	-5.5	2.1	759	908	968	754	759	754	0.7
Ventilation, heating, air-conditioning, and refrigeration equipment.....	2,883	3,329	3,009	-13.4	10.6	5.7	2,537	3,241	2,797	2,197	2,537	2,197	15.5
Metalworking machinery.....	2,862	2,883	2,086	-0.7	38.2	5.6	2,535	2,557	2,313	1,853	2,535	1,853	36.8
Turbines, generators, and other power transmission equipment.....	3,431	3,413	3,184	0.5	7.2	-2.9	3,034	3,576	2,939	2,728	3,034	2,728	11.2
Material handling equipment.....	1,922	1,609	1,763	19.5	-8.7	7.0	1,889	1,724	1,688	1,326	1,889	1,326	42.5
Computers and electronic products ²	34,559	35,059	32,398	-1.4	8.2	-5.8	31,655	43,475	31,961	27,349	31,655	27,349	15.7
Computers.....	6,561	6,998	6,141	-6.2	14.0	7.8	6,274	7,691	6,015	4,759	6,274	4,759	31.8
Nondefense communications equipment.....	7,057	5,805	5,689	21.6	2.0	-8.1	7,262	6,854	6,123	5,328	7,262	5,328	36.3
Defense communications equipment.....	277	1,769	418	-84.3	323.2	-89.6	233	1,804	374	630	233	630	-63.0
Semiconductors ²	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	4,986	5,172	4,634	-3.6	11.6	13.3	4,841	5,954	4,782	4,325	4,841	4,325	11.9
Nondefense search and navigation equipment.....	1,180	1,158	1,032	1.9	12.2	47.4	1,145	1,257	918	779	1,145	779	47.0
Defense search and navigation equipment.....	2,862	2,504	2,910	14.3	-14.0	2.1	2,671	4,161	3,023	2,948	2,671	2,948	-9.4
Electromedical, measuring, and control instruments.....	6,868	6,973	7,034	-1.5	-0.9	10.0	5,761	8,835	6,271	5,612	5,761	5,612	2.7
Electrical equipment, appliances, and components.....	9,754	8,688	9,336	12.3	-6.9	4.9	8,663	8,659	9,506	7,527	8,663	7,527	15.1
Electric lighting equipment.....	1,129	932	1,232	21.1	-24.4	6.8	1,066	1,045	1,206	853	1,066	853	25.0
Household appliances.....	2,354	1,958	2,182	20.2	-10.3	11.3	1,918	2,078	2,446	1,569	1,918	1,569	22.2
Electrical equipment.....	3,058	2,678	2,727	14.2	-1.8	-0.6	2,730	2,565	2,564	2,252	2,730	2,252	21.2
Transportation equipment.....	53,229	56,281	57,595	-5.4	-2.3	9.4	49,471	59,976	56,696	48,119	49,471	48,119	2.8
Motor vehicle bodies, parts, and trailers.....	18,506	18,394	17,744	0.6	3.7	1.9	17,437	16,795	17,721	17,404	17,437	17,404	0.2
Nondefense aircraft and parts.....	5,569	8,008	9,614	-30.5	-16.7	64.7	5,136	10,799	9,608	3,770	5,136	3,770	36.2
Defense aircraft and parts.....	3,005	1,923	3,180	56.3	-39.5	-3.7	3,064	3,775	2,848	2,991	3,064	2,991	2.4
Ships and boats.....	2,314	3,636	3,061	-36.4	18.8	21.0	2,748	4,326	3,089	2,910	2,748	2,910	-5.6
Furniture and related products.....	6,575	6,609	6,564	-0.5	0.7	3.2	6,332	5,980	6,657	6,124	6,332	6,124	3.4
Nondurable goods industries.....	180,629	177,416	178,647	1.8	-0.7	0.7	168,156	172,502	176,074	152,264	168,156	152,264	10.4

^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: M3-1(02), "Manufacturers' Shipments, Inventories, and Orders: 1992-2002."

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. 05/04
	Jan. 2005 ^p	Dec. 2004 ^r	Nov. 2004	Dec. - Jan.	Nov. - Dec.	Oct. - Nov.	Jan. 2005 ^p	Dec. 2004 ^r	Nov. 2004	Jan. 2004	
All manufacturing industries ¹	551,243	552,198	549,184	-0.2	0.5	1.1	554,539	546,844	538,772	509,801	8.8
Excluding transportation ¹	288,436	288,242	286,644	0.1	0.6	0.5	288,657	283,045	282,049	256,899	12.4
Excluding defense ¹	386,954	386,450	382,775	0.1	1.0	1.6	388,994	382,000	377,874	349,144	11.4
Durable goods industries ¹	551,243	552,198	549,184	-0.2	0.5	1.1	554,539	546,844	538,772	509,801	8.8
Primary metals.....	19,414	19,684	19,770	-1.4	-0.4	0.2	19,279	18,865	18,616	16,941	13.8
Iron and steel mills.....	10,632	10,904	10,997	-2.5	-0.8	-0.5	10,385	10,414	10,368	9,569	8.5
Aluminum and nonferrous metals.....	6,053	6,032	6,025	0.3	0.1	1.0	6,107	5,741	5,550	4,922	24.1
Ferrous metal foundries.....	2,729	2,748	2,748	-0.7	0.0	1.4	2,787	2,710	2,698	2,450	13.8
Fabricated metal products.....	46,288	46,072	45,920	0.5	0.3	0.6	45,676	44,618	44,833	39,860	14.6
Machinery.....	51,258	51,518	50,987	-0.5	1.0	1.5	51,666	50,401	50,239	44,393	16.4
Construction machinery.....	5,172	5,007	4,949	3.3	1.2	4.1	5,486	4,885	4,666	3,029	81.1
Mining, oil field, and gas field machinery.....	1,556	1,502	1,449	3.6	3.7	8.4	1,556	1,502	1,449	1,077	44.5
Industrial machinery.....	8,819	9,272	9,433	-4.9	-1.7	0.3	8,945	8,970	9,424	8,055	11.0
Photographic equipment.....	867	950	926	-8.7	2.6	0.9	847	907	922	845	0.2
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,732	4,866	4,657	-2.8	4.5	0.7	4,714	4,632	4,467	4,282	10.1
Metalworking machinery.....	5,058	4,833	4,626	4.7	4.5	0.8	5,062	4,636	4,599	4,140	22.3
Turbines, generators, and other power transmission equipment.....	9,823	9,979	9,825	-1.6	1.6	-0.3	9,858	10,018	9,680	9,424	4.6
Material handling equipment.....	5,471	5,205	5,220	5.1	-0.3	3.1	5,531	5,213	5,180	4,813	14.9
Computers and electronic products ¹	142,462	142,096	140,622	0.3	1.0	-0.4	143,276	140,886	138,855	130,038	10.2
Computers.....	8,958	9,134	8,357	-1.9	9.3	0.6	8,757	9,275	8,580	8,129	7.7
Nondefense communications equipment.....	45,061	44,582	44,955	1.1	-0.8	-1.6	45,252	43,513	44,565	46,509	-2.7
Defense communications equipment.....	10,284	10,479	9,456	-1.9	10.8	-0.4	10,284	10,479	9,456	3,486	195.0
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	14,761	14,918	14,870	-1.1	0.3	-1.7	14,921	14,702	14,540	14,289	4.4
Nondefense search and navigation equipment.....	5,468	5,246	5,022	4.2	4.5	1.8	5,468	5,137	4,897	4,611	18.6
Defense search and navigation equipment.....	38,531	38,404	38,667	0.3	-0.7	0.2	38,927	38,428	37,521	36,978	5.3
Electromedical, measuring, and control instruments.....	19,399	19,333	19,295	0.3	0.2	1.3	19,667	19,352	19,296	16,036	22.6
Electrical equipment, appliances, and components.....	15,589	15,209	15,520	2.5	-2.0	1.8	15,452	14,852	15,522	13,589	13.7
Electric lighting equipment.....	1,777	1,763	1,912	0.8	-7.8	7.8	1,768	1,690	1,863	1,218	45.2
Household appliances.....	952	695	929	37.0	-25.2	7.9	974	712	1,073	732	33.1
Electrical equipment.....	9,159	9,005	8,972	1.7	0.4	0.2	9,051	8,795	8,982	8,397	7.8
Transportation equipment.....	262,807	263,956	262,540	-0.4	0.5	1.8	265,882	263,799	256,723	252,902	5.1
Motor vehicle bodies, parts, and trailers.....	14,469	14,648	14,809	-1.2	-1.1	-0.9	14,943	14,665	14,317	14,045	6.4
Nondefense aircraft and parts.....	115,915	116,422	114,320	-0.4	1.8	3.7	117,653	117,138	113,302	104,920	12.1
Defense aircraft and parts.....	52,868	53,638	54,885	-1.4	-2.3	-0.4	52,683	52,673	52,692	60,851	-13.4
Ships and boats.....	20,326	20,943	19,799	-2.9	5.8	3.2	21,266	21,032	19,023	21,633	-1.7
Furniture and related products.....	6,151	6,236	6,294	-1.4	-0.9	2.0	6,034	5,996	6,453	5,599	7.8

^p Preliminary ^r Revised NA Not available.¹ Data on new orders are not available for the semiconductor industry. Estimates and percent changes for new 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. 05/04
	Jan. 2005 ^p	Dec. 2004 ^r	Nov. 2004	Dec. - Jan.	Nov. - Dec.	Oct. - Nov.	Jan. 2005 ^p	Dec. 2004 ^r	Nov. 2004	Jan. 2004	
All manufacturing industries.....	477,466	471,351	470,877	1.3	0.1	1.0	474,939	459,690	472,196	437,679	8.5
Excluding transportation.....	407,699	402,091	401,138	1.4	0.2	0.9	405,689	392,946	401,848	370,319	9.6
Excluding defense.....	452,271	446,446	446,380	1.3	0.0	1.0	449,986	435,316	447,699	413,901	8.7
With unfilled orders.....	224,711	222,155	220,908	1.2	0.6	1.0	223,909	216,747	222,219	204,529	9.5
Durable goods industries.....	286,837	283,320	282,599	1.2	0.3	0.9	285,980	275,766	283,797	262,344	9.0
Wood products.....	10,523	10,128	10,156	3.9	-0.3	-0.4	10,597	9,843	10,180	9,795	8.2
Nonmetallic mineral products.....	9,650	9,584	9,564	0.7	0.2	-0.5	9,695	9,393	9,343	9,262	4.7
Primary metals.....	22,448	21,701	21,322	3.4	1.8	2.4	22,755	22,005	21,528	17,632	29.1
Iron and steel mills.....	13,095	12,519	12,259	4.6	2.1	2.6	13,348	12,859	12,477	9,271	44.0
Aluminum and nonferrous metals.....	7,372	7,237	7,146	1.9	1.3	2.4	7,401	7,255	7,170	6,666	11.0
Ferrous metal foundries.....	1,981	1,945	1,917	1.9	1.5	0.9	2,006	1,891	1,881	1,695	18.3
Fabricated metal products.....	36,096	35,593	35,102	1.4	1.4	1.3	36,006	34,992	34,813	30,940	16.4
Machinery.....	46,612	46,065	45,682	1.2	0.8	1.5	46,602	44,857	46,082	41,863	11.3
Farm machinery.....	2,617	2,539	2,586	3.1	-1.8	5.5	2,751	2,572	2,555	2,336	17.8
Construction machinery.....	4,328	4,309	4,224	0.4	2.0	1.1	4,357	4,268	4,251	3,717	17.2
Mining, oil field, and gas field machinery.....	2,400	2,369	2,281	1.3	3.9	1.1	2,352	2,261	2,275	2,205	6.7
Industrial machinery.....	7,049	7,064	7,061	-0.2	0.0	2.2	6,976	6,881	7,149	6,634	5.2
Photographic equipment.....	1,459	1,384	1,422	5.4	-2.7	1.9	1,422	1,286	1,438	1,392	2.2
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,620	4,580	4,554	0.9	0.6	1.1	4,536	4,318	4,561	4,098	10.7
Metalworking machinery.....	4,503	4,483	4,446	0.4	0.8	1.0	4,440	4,278	4,429	4,279	3.8
Turbines, generators, and other power transmission equipment.....	5,262	5,201	5,052	1.2	2.9	3.5	5,232	5,081	5,304	4,267	22.6
Material handling equipment.....	2,770	2,646	2,660	4.7	-0.5	1.1	2,762	2,600	2,726	2,268	21.8
Computers and electronic products.....	49,892	49,317	49,502	1.2	-0.4	-0.3	49,537	47,524	50,146	46,577	6.4
Computers.....	2,801	2,739	2,671	2.3	2.5	0.0	2,658	2,691	2,781	2,286	16.3
Computer storage devices.....	1,362	1,350	1,337	0.9	1.0	0.6	1,328	1,155	1,459	1,176	12.9
Other peripheral equipment.....	2,350	2,380	2,388	-1.3	-0.3	-1.0	2,341	2,202	2,514	2,357	-0.7
Nondefense communications equipment.....	9,839	9,749	9,823	0.9	-0.8	-0.5	9,758	9,386	10,186	9,283	5.1
Defense communications equipment.....	1,383	1,334	1,150	3.7	16.0	-3.0	1,383	1,334	1,150	1,189	16.3
Audio and video equipment.....	1,136	1,140	1,130	-0.4	0.9	3.6	1,132	1,087	1,237	933	21.3
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	8,112	8,023	7,990	1.1	0.4	-0.7	8,156	7,700	7,842	7,616	7.1
Nondefense search and navigation equipment.....	2,612	2,614	2,562	-0.1	2.0	0.9	2,602	2,557	2,585	2,531	2.8
Defense search and navigation equipment.....	2,938	2,875	2,840	2.2	1.2	-0.5	2,919	2,785	2,816	2,954	-1.2
Electromedical, measuring and control instruments.....	10,433	10,401	10,466	0.3	-0.6	0.3	10,429	10,182	10,578	9,898	5.4
Electrical equipment, appliances, and components.....	13,111	13,003	12,928	0.8	0.6	-0.5	13,063	12,463	12,798	12,461	4.8
Electric lighting equipment.....	1,500	1,496	1,496	0.3	0.0	0.9	1,477	1,410	1,482	1,377	7.3
Household appliances.....	2,366	2,347	2,286	0.8	2.7	-3.1	2,339	2,122	2,242	2,127	10.0
Electrical equipment.....	4,520	4,508	4,499	0.3	0.2	1.0	4,581	4,442	4,504	4,261	7.5
Batteries.....	609	592	632	2.9	-6.3	-2.2	571	545	607	527	8.3
Transportation equipment.....	69,767	69,260	69,739	0.7	-0.7	1.5	69,250	66,744	70,348	67,360	2.8
Automobiles.....	2,256	2,096	2,159	7.6	-2.9	-1.9	2,256	1,886	2,095	1,969	14.6
Light trucks and utility vehicles.....	2,463	2,539	2,603	-3.0	-2.5	3.1	2,378	2,244	2,662	2,377	0.0
Heavy duty trucks.....	887	876	834	1.3	5.0	-0.2	885	844	843	749	18.2
Motor vehicle bodies, parts, and trailers.....	16,487	16,206	16,398	1.7	-1.2	0.0	16,602	15,805	16,449	15,743	5.5
Nondefense aircraft and parts.....	23,128	23,215	23,665	-0.4	-1.9	2.7	22,797	22,205	24,171	23,666	-3.7
Defense aircraft and parts.....	12,386	12,277	11,903	0.9	3.1	0.5	12,281	12,035	11,886	11,362	8.1
Ships and boats.....	3,336	3,289	3,316	1.4	-0.8	3.3	3,334	3,258	3,313	3,058	9.0
Furniture and related products.....	8,574	8,556	8,488	0.2	0.8	0.1	8,487	8,359	8,489	7,537	12.6
Miscellaneous durable goods.....	20,164	20,113	20,116	0.3	0.0	0.6	19,988	19,586	20,070	18,917	5.7
Nondurable goods industries.....	190,629	188,031	188,278	1.4	-0.1	1.1	188,959	183,924	188,399	175,335	7.8
Food products.....	33,864	33,881	33,742	-0.1	0.4	-0.1	33,669	33,865	35,203	32,931	2.2
Grain and oilseed milling.....	2,627	2,664	2,724	-1.4	-2.2	-2.4	2,791	2,770	2,825	3,511	-20.5
Dairy products.....	3,968	3,951	3,914	0.4	0.9	-0.4	3,857	3,646	3,717	3,511	9.9
Meat, poultry, and seafood products.....	6,392	6,373	6,248	0.3	2.0	0.0	6,203	6,191	6,382	5,946	4.3
Beverage and tobacco products.....	14,907	14,673	14,853	1.6	-1.2	-0.8	15,147	14,776	15,160	14,887	1.7
Beverages.....	10,345	10,126	10,311	2.2	-1.8	-0.7	10,329	10,035	10,464	9,941	3.9
Tobacco.....	4,562	4,547	4,542	0.3	0.1	-1.1	4,818	4,741	4,696	4,946	-2.6
Textile mills.....	4,699	4,758	4,769	-1.2	-0.2	-0.2	4,670	4,602	4,688	4,923	-5.1
Textile products.....	5,373	5,302	5,263	1.3	0.7	0.1	5,374	5,063	5,151	5,071	6.0
Apparel.....	7,287	7,246	7,295	0.6	-0.7	-0.1	7,263	7,009	7,012	7,018	3.5
Leather and allied products.....	1,797	1,725	1,671	4.2	3.2	1.8	1,808	1,655	1,659	1,711	5.7
Paper products.....	15,231	14,959	14,930	1.8	0.2	0.1	15,309	14,806	14,921	14,525	5.4
Pulp, paper, and paperboard mills.....	6,470	6,349	6,308	1.9	0.6	-0.2	6,523	6,316	6,296	6,441	1.3
Paperboard containers.....	4,597	4,537	4,534	1.3	0.1	0.4	4,639	4,523	4,524	4,159	11.5
Printing.....	6,649	6,829	6,788	-2.6	0.6	-0.1	6,296	6,438	6,862	5,748	9.5
Petroleum and coal products.....	19,044	17,530	19,063	8.6	-8.0	3.4	18,234	16,259	18,621	15,332	18.9
Petroleum refineries.....	17,263	15,696	17,257	10.0	-9.0	3.6	16,531	14,587	16,846	13,837	19.5
Basic chemicals.....	57,492	57,369	56,685	0.2	1.2	2.0	56,905	56,263	56,233	52,641	8.1
Pesticides, fertilizers, and other agricultural chemicals.....	2,506	2,488	2,433	0.7	2.3	2.1	2,810	2,589	2,387	2,618	7.3
Pharmaceuticals and medicines.....	22,553	22,657	22,614	-0.5	0.2	2.0	21,542	21,812	22,539	20,580	4.7
Paints, coatings, and adhesives.....	2,908	2,933	2,896	-0.9	1.3	1.6	2,921	2,825	2,811	2,787	4.8
Plastics and rubber products.....	24,286	23,759	23,219	2.2	2.3	1.8	24,284	23,188	22,889	20,548	18.2

^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 Series¹

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted ²						
	Monthly			Percent Change			Monthly				Year to date		Percent Change ⁶ 2005/2004
	Jan. 2005 ^p	Dec. 2004 ^r	Nov. 2004	Dec. - Jan.	Nov. - Dec.	Oct. - Nov.	Jan. 2005 ^p	Dec. 2004 ^r	Nov. 2004	Jan. 2004	2005 ^p	2004	
SHIPMENTS													
All manufacturing industries	389,415	383,872	379,147	1.4	1.2	0.4	352,743	381,071	373,088	318,434	352,743	318,434	10.8
Construction materials and supplies.....	41,025	41,001	39,991	0.1	2.5	1.9	35,693	37,461	38,751	31,421	35,693	31,421	13.6
Information technology.....	32,794	31,894	31,619	2.8	0.9	-0.8	27,980	39,008	30,729	25,537	27,980	25,537	9.6
Computers and related products	10,098	9,481	9,285	6.5	2.1	-2.9	9,015	12,383	8,489	7,344	9,015	7,344	22.8
Motor vehicle and parts.....	38,229	39,770	37,939	-3.9	4.8	1.4	34,573	35,894	37,134	34,962	34,573	34,962	-1.1
Capital goods.....	76,778	74,945	72,363	2.4	3.6	-2.4	65,999	83,800	69,675	58,482	65,999	58,482	12.9
Nondefense capital goods ³	68,673	66,871	64,211	2.7	4.1	-2.4	59,380	74,764	61,346	51,704	59,380	51,704	14.8
Excluding aircraft.....	66,424	64,076	62,144	3.7	3.1	-1.7	58,071	70,805	59,164	50,426	58,071	50,426	15.2
Defense capital goods ⁴	8,105	8,074	8,152	0.4	-1.0	-2.1	6,619	9,036	8,329	6,778	6,619	6,778	-2.3
Consumer goods.....	145,827	145,441	145,411	0.3	0.0	0.7	134,945	142,462	145,256	124,648	134,945	124,648	8.3
Consumer durable goods.....	35,293	37,190	35,313	-5.1	5.3	2.6	31,215	35,882	35,409	30,822	31,215	30,822	1.3
Consumer nondurable goods.....	110,534	108,251	110,098	2.1	-1.7	0.1	103,730	106,580	109,847	93,826	103,730	93,826	10.6
NEW ORDERS													
All manufacturing industries ⁵	380,525	379,892	378,047	0.2	0.5	1.4	353,198	381,890	371,179	319,858	353,198	319,858	10.4
Construction materials and supplies.....	40,745	41,147	40,227	-1.0	2.3	0.9	36,196	37,314	38,681	32,860	36,196	32,860	10.2
Information technology.....	33,189	33,383	31,361	-0.6	6.4	-7.0	30,095	40,913	30,764	26,201	30,095	26,201	14.9
Computers and related products	9,922	10,258	9,331	-3.3	9.9	5.8	8,497	13,078	8,821	6,668	8,497	6,668	27.4
Motor vehicle and parts.....	38,050	39,609	37,801	-3.9	4.8	2.4	34,851	36,242	37,225	35,387	34,851	35,387	-1.5
Capital goods.....	75,974	76,978	78,330	-1.3	-1.7	1.0	70,592	90,479	75,494	62,064	70,592	62,064	13.7
Nondefense capital goods ³	69,331	69,489	69,919	-0.2	-0.6	7.7	63,808	77,665	67,196	52,771	63,808	52,771	20.9
Excluding aircraft.....	67,240	65,348	63,206	2.9	3.4	1.2	61,635	70,626	60,547	51,354	61,635	51,354	20.0
Defense capital goods ⁴	6,643	7,489	8,411	-11.3	-11.0	-33.4	6,784	12,814	8,298	9,293	6,784	9,293	-27.0
Consumer goods.....	145,882	145,202	146,325	0.5	-0.8	1.2	135,260	141,916	146,442	124,998	135,260	124,998	8.2
Consumer durable goods.....	35,348	36,951	36,227	-4.3	2.0	4.8	31,530	35,336	36,595	31,172	31,530	31,172	1.1
Consumer nondurable goods.....	110,534	108,251	110,098	2.1	-1.7	0.1	103,730	106,580	109,847	93,826	103,730	93,826	10.6
UNFILLED ORDERS													
All manufacturing industries ⁵	551,243	552,198	549,184	-0.2	0.5	1.1	554,539	546,844	538,772	509,801	(X)	(X)	8.8
Construction materials and supplies.....	37,617	37,897	37,751	-0.7	0.4	0.6	37,077	36,574	36,721	33,308	(X)	(X)	11.3
Information technology.....	132,269	131,874	130,385	0.3	1.1	-0.2	132,861	130,746	128,841	119,836	(X)	(X)	10.9
Computers and related products	8,958	9,134	8,357	-1.9	9.3	0.6	8,757	9,275	8,580	8,129	(X)	(X)	7.7
Motor vehicle and parts.....	14,469	14,648	14,809	-1.2	-1.1	-0.9	14,943	14,665	14,317	14,045	(X)	(X)	6.4
Capital goods.....	392,269	393,073	391,040	-0.2	0.5	1.5	395,508	390,915	384,236	361,379	(X)	(X)	9.4
Nondefense capital goods ³	245,505	244,847	242,229	0.3	1.1	2.4	247,466	243,038	240,137	220,614	(X)	(X)	12.2
Excluding aircraft.....	153,650	152,834	151,562	0.5	0.8	0.7	153,873	150,309	150,488	140,212	(X)	(X)	9.7
Defense capital goods ⁴	146,764	148,226	148,811	-1.0	-0.4	0.2	148,042	147,877	144,099	140,765	(X)	(X)	5.2
Consumer goods.....	14,205	14,150	14,389	0.4	-1.7	6.8	14,243	13,928	14,474	12,961	(X)	(X)	9.9
Consumer durable goods.....	14,205	14,150	14,389	0.4	-1.7	6.8	14,243	13,928	14,474	12,961	(X)	(X)	9.9
TOTAL INVENTORIES													
All manufacturing industries	477,466	471,351	470,877	1.3	0.1	1.0	474,939	459,690	472,196	437,679	(X)	(X)	8.5
Construction materials and supplies.....	52,337	51,577	51,155	1.5	0.8	0.7	52,299	50,223	50,671	46,431	(X)	(X)	12.6
Information technology.....	40,845	40,437	40,239	1.0	0.5	-0.1	40,479	39,004	41,132	38,649	(X)	(X)	4.7
Computers and related products	6,513	6,469	6,396	0.7	1.1	-0.2	6,327	6,048	6,754	5,819	(X)	(X)	8.7
Motor vehicle and parts.....	22,093	21,717	21,994	1.7	-1.3	0.2	22,121	20,779	22,049	20,838	(X)	(X)	6.2
Capital goods.....	131,689	130,914	130,746	0.6	0.1	1.3	130,789	127,250	132,579	123,624	(X)	(X)	5.8
Nondefense capital goods ³	111,481	110,981	110,918	0.5	0.1	1.3	110,712	107,531	112,737	104,344	(X)	(X)	6.1
Excluding aircraft.....	95,133	94,394	93,874	0.8	0.6	1.0	94,609	91,701	95,206	87,394	(X)	(X)	8.3
Defense capital goods ⁴	20,208	19,933	19,828	1.4	0.5	1.4	20,077	19,719	19,842	19,280	(X)	(X)	4.1
Consumer goods.....	144,566	142,272	143,792	1.6	-1.1	0.7	142,814	138,358	144,585	134,732	(X)	(X)	6.0
Consumer durable goods.....	30,043	29,837	29,887	0.7	-0.2	0.2	29,970	28,481	29,760	27,555	(X)	(X)	8.8
Consumer nondurable goods.....	114,523	112,435	113,905	1.9	-1.3	0.8	112,844	109,877	114,825	107,177	(X)	(X)	5.3

^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. 05/04
	Jan. 2005 ^p	Dec. 2004 ^r	Nov. 2004	Dec. - Jan.	Nov. - Dec.	Oct. - Nov.	Jan. 2005 ^p	Dec. 2004 ^r	Nov. 2004	Jan. 2004	
<u>MATERIALS AND SUPPLIES</u>											
All manufacturing industries	156,723	154,893	155,058	1.2	-0.1	0.8	157,184	154,165	155,416	143,461	9.6
Durable goods industries	95,183	93,761	93,672	1.5	0.1	1.0	95,643	93,422	94,263	84,432	13.3
Wood products.....	3,857	3,742	3,789	3.1	-1.2	-2.5	4,058	3,910	4,090	3,950	2.7
Nonmetallic mineral products.....	3,380	3,365	3,370	0.4	-0.1	-0.2	3,392	3,366	3,394	3,245	4.5
Primary metals.....	8,641	8,519	8,321	1.4	2.4	3.6	8,809	8,840	8,563	5,900	49.3
Fabricated metal products.....	14,050	13,826	13,653	1.6	1.3	2.3	14,103	13,892	13,559	11,158	26.4
Machinery.....	14,120	13,996	13,852	0.9	1.0	2.0	14,228	13,814	13,899	12,481	14.0
Computers and electronic products	17,463	17,225	17,415	1.4	-1.1	0.7	17,303	16,879	17,355	16,395	5.5
Electrical equipment, appliances, and components.....	4,917	4,916	4,875	0.0	0.8	-0.1	4,954	4,890	4,855	4,738	4.6
Transportation equipment.....	18,240	17,654	17,890	3.3	-1.3	0.1	18,265	17,426	18,045	17,093	6.9
Furniture and related products.....	3,641	3,672	3,652	-0.8	0.5	-0.2	3,640	3,658	3,651	3,195	13.9
Miscellaneous products.....	6,874	6,846	6,855	0.4	-0.1	1.3	6,891	6,747	6,852	6,277	9.8
Nondurable goods industries.....	61,540	61,132	61,386	0.7	-0.4	0.4	61,541	60,743	61,153	59,029	4.3
Food products.....	9,374	9,583	9,638	-2.2	-0.6	-1.1	9,505	9,690	9,804	10,415	-8.7
Beverage and tobacco products.....	5,174	5,132	5,361	0.8	-4.3	0.2	5,411	5,375	5,242	5,512	-1.8
Textiles.....	1,389	1,361	1,330	2.1	2.3	2.9	1,384	1,339	1,309	1,345	2.9
Textile products.....	1,947	1,942	1,913	0.3	1.5	0.2	1,942	1,896	1,868	1,758	10.5
Apparel.....	1,612	1,630	1,618	-1.1	0.7	-1.3	1,615	1,628	1,616	1,632	-1.0
Leather and allied products.....	490	477	464	2.7	2.8	-0.2	482	469	462	437	10.3
Paper products.....	6,465	6,338	6,431	2.0	-1.4	-0.6	6,487	6,373	6,456	6,670	-2.7
Printing.....	2,938	3,068	2,996	-4.2	2.4	2.5	2,863	2,987	3,017	2,574	11.2
Petroleum and coal products.....	5,932	5,567	5,940	6.6	-6.3	3.4	5,644	5,230	5,801	4,662	21.1
Basic chemicals.....	17,611	17,610	17,572	0.0	0.2	-0.7	17,551	17,422	17,519	16,596	5.8
Plastics and rubber products.....	8,608	8,424	8,123	2.2	3.7	2.7	8,657	8,334	8,059	7,428	16.5
<u>WORK IN PROCESS</u>											
All manufacturing industries	133,939	133,301	133,583	0.5	-0.2	1.1	132,933	128,889	135,356	127,863	4.0
Durable goods industries	102,607	101,845	101,896	0.7	-0.1	1.3	101,816	98,093	102,940	96,576	5.4
Wood products.....	2,037	1,965	1,982	3.7	-0.9	-2.2	2,033	1,964	1,977	1,957	3.9
Nonmetallic mineral products.....	1,148	1,151	1,151	-0.3	0.0	-1.5	1,148	1,095	1,082	1,223	-6.1
Primary metals.....	7,419	6,904	6,920	7.5	-0.2	1.3	7,447	6,899	6,951	6,081	22.5
Fabricated metal products.....	10,349	10,258	10,081	0.9	1.8	2.0	10,272	10,019	10,072	9,390	9.4
Machinery.....	16,193	15,792	15,878	2.5	-0.5	1.7	15,782	15,019	16,241	14,416	9.5
Computers and electronic products	19,385	19,379	19,653	0.0	-1.4	-1.2	19,240	18,338	20,078	18,163	5.9
Electrical equipment, appliances, and components.....	3,096	3,058	3,008	1.2	1.7	2.6	3,083	2,906	2,954	2,901	6.3
Transportation equipment.....	38,066	38,385	38,287	-0.8	0.3	2.3	38,009	37,084	38,632	37,936	0.2
Furniture and related products.....	1,625	1,579	1,610	2.9	-1.9	1.0	1,625	1,573	1,610	1,532	6.1
Miscellaneous products.....	3,289	3,374	3,326	-2.5	1.4	2.6	3,177	3,196	3,343	2,977	6.7
Nondurable goods industries.....	31,332	31,456	31,687	-0.4	-0.7	0.7	31,117	30,796	32,416	31,287	-0.5
Food products.....	3,491	3,499	3,456	-0.2	1.2	2.2	3,582	3,751	3,971	3,097	15.7
Beverage and tobacco products.....	4,894	4,857	4,737	0.8	2.5	-2.5	5,106	5,132	5,110	4,996	2.2
Textiles.....	1,226	1,238	1,260	-1.0	-1.7	-0.9	1,233	1,206	1,246	1,301	-5.2
Textile products.....	672	668	664	0.6	0.6	-2.2	665	614	659	706	-5.8
Apparel.....	1,087	1,089	1,099	-0.2	-0.9	-2.9	1,093	1,009	1,096	1,190	-8.2
Leather and allied products.....	166	163	159	1.8	2.5	-4.2	176	158	163	202	-12.9
Paper products.....	1,290	1,294	1,310	-0.3	-1.2	0.0	1,318	1,306	1,290	1,174	12.3
Printing.....	1,739	1,813	1,835	-4.1	-1.2	-5.3	1,601	1,543	1,889	1,569	2.0
Petroleum and coal products.....	3,699	3,384	3,906	9.3	-13.4	-0.4	3,521	3,066	3,812	4,303	-18.2
Basic chemicals.....	10,319	10,690	10,551	-3.5	1.3	3.3	10,043	10,326	10,444	10,253	-2.0
Plastics and rubber products.....	2,749	2,761	2,710	-0.4	1.9	4.4	2,779	2,685	2,736	2,496	11.3
<u>FINISHED GOODS</u>											
All manufacturing industries	186,804	183,157	182,236	2.0	0.5	1.0	184,822	176,636	181,424	166,355	11.1
Durable goods industries	89,047	87,714	87,031	1.5	0.8	0.3	88,521	84,251	86,594	81,336	8.8
Wood products.....	4,629	4,421	4,385	4.7	0.8	2.2	4,506	3,969	4,113	3,888	15.9
Nonmetallic mineral products.....	5,122	5,068	5,043	1.1	0.5	-0.5	5,155	4,932	4,867	4,794	7.5
Primary metals.....	6,388	6,278	6,081	1.8	3.2	2.1	6,499	6,266	6,014	5,651	15.0
Fabricated metal products.....	11,697	11,509	11,368	1.6	1.2	-0.5	11,631	11,081	11,182	10,392	11.9
Machinery.....	16,299	16,277	15,952	0.1	2.0	1.0	16,592	16,024	15,942	14,966	10.9
Computers and electronic products	13,044	12,713	12,434	2.6	2.2	-0.2	12,994	12,307	12,713	12,019	8.1
Electrical equipment, appliances, and components.....	5,098	5,029	5,045	1.4	-0.3	-2.6	5,026	4,667	4,989	4,822	4.2
Transportation equipment.....	13,461	13,221	13,562	1.8	-2.5	1.2	12,976	12,234	13,671	12,331	5.2
Furniture and related products.....	3,308	3,305	3,226	0.1	2.4	0.1	3,222	3,128	3,228	2,810	14.7
Miscellaneous products.....	10,001	9,893	9,935	1.1	-0.4	-0.5	9,920	9,643	9,875	9,663	2.7
Nondurable goods industries.....	97,757	95,443	95,205	2.4	0.2	1.6	96,301	92,385	94,830	85,019	13.3
Food products.....	20,999	20,799	20,648	1.0	0.7	-0.1	20,582	20,424	21,428	19,419	6.0
Beverage and tobacco products.....	4,839	4,684	4,755	3.3	-1.5	-0.3	4,630	4,269	4,808	4,379	5.7
Textiles.....	2,084	2,159	2,179	-3.5	-0.9	-1.5	2,053	2,057	2,133	2,277	-9.8
Textile products.....	2,754	2,692	2,686	2.3	0.2	0.6	2,767	2,553	2,624	2,607	6.1
Apparel.....	4,588	4,527	4,578	1.3	-1.1	1.1	4,555	4,372	4,300	4,196	8.6
Leather and allied products.....	1,141	1,085	1,048	5.2	3.5	3.7	1,150	1,028	1,034	1,072	7.3
Paper products.....	7,476	7,327	7,189	2.0	1.9	0.7	7,504	7,127	7,175	6,681	12.3
Printing.....	1,972	1,948	1,957	1.2	-0.5	1.2	1,832	1,908	1,956	1,605	14.1
Petroleum and coal products.....	9,413	8,579	9,217	9.7	-6.9	5.0	9,069	7,963	9,008	6,367	42.4
Basic chemicals.....	29,562	29,069	28,562	1.7	1.8	3.2	29,311	28,515	28,270	25,792	13.6
Plastics and rubber products.....	12,929	12,574	12,386	2.8	1.5	0.8	12,848	12,169	12,094	10,624	20.9

^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 2005 ^p	Dec 2004 ^r	Nov 2004	Oct 2004	Jan 2005 ^p	Dec 2004 ^r	Nov 2004	Oct 2004
All manufacturing industries ²	1.23	1.23	1.24	1.24	(X)	(X)	(X)	(X)
Durable goods industries ²	1.37	1.37	1.41	1.40	3.83	3.93	4.02	3.95
Wood products.....	1.14	1.07	1.13	1.14	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.21	1.19	1.21	1.26	(X)	(X)	(X)	(X)
Primary metals.....	1.44	1.41	1.43	1.44	1.25	1.28	1.33	1.36
Fabricated metal products.....	1.51	1.52	1.50	1.51	2.01	2.04	2.04	2.07
Machinery.....	1.71	1.72	1.82	1.73	2.07	2.14	2.26	2.15
Computers and electronic products ² ..	1.18	1.22	1.23	1.23	4.84	4.92	4.95	4.94
Electrical equipment, appliances, and components.....	1.40	1.44	1.43	1.45	1.76	1.79	1.82	1.81
Transportation equipment.....	1.28	1.26	1.32	1.29	7.54	7.84	8.00	7.66
Furniture and related products.....	1.29	1.28	1.32	1.34	1.05	1.06	1.11	1.11
Miscellaneous products.....	1.64	1.63	1.72	1.76	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.06	1.06	1.05	1.05	(X)	(X)	(X)	(X)
Food products.....	0.80	0.82	0.82	0.81	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.66	1.61	1.63	1.63	(X)	(X)	(X)	(X)
Textiles.....	1.35	1.37	1.39	1.41	(X)	(X)	(X)	(X)
Textile products.....	1.63	1.66	1.67	1.66	(X)	(X)	(X)	(X)
Apparel.....	1.62	1.58	1.55	1.56	(X)	(X)	(X)	(X)
Leather and allied products.....	1.89	2.31	1.96	1.94	(X)	(X)	(X)	(X)
Paper products.....	1.00	1.02	1.02	1.03	(X)	(X)	(X)	(X)
Printing.....	0.82	0.86	0.87	0.86	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.61	0.57	0.59	0.58	(X)	(X)	(X)	(X)
Basic chemicals.....	1.29	1.31	1.29	1.28	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.36	1.35	1.33	1.34	(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 2005	Jan ² 2004-Dec 2004	Jan ¹ 2005	Jan ² 2004-Dec 2004	Jan ¹ 2005	Jan ² 2004-Dec 2004	Jan ¹ 2005	Jan ² 2004-Dec 2004
All manufacturing industries.....	(X)	0.3	(X)	0.4	(X)	0.1	(X)	0.2
Durable goods industries.....	-0.4	0.3	-0.4	0.6	0.0	0.1	0.3	0.2
Wood products.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.5
Nonmetallic mineral products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.3
Primary metals.....	-0.7	0.7	-1.2	1.4	-0.5	0.7	1.2	0.3
Fabricated metal products.....	0.3	0.4	0.6	1.1	0.6	0.5	0.4	0.3
Machinery.....	-0.3	0.7	-1.0	1.3	-0.2	0.4	0.7	0.2
Computers and electronic products.....	-0.2	0.7	-0.2	1.2	0.0	0.3	-0.3	0.4
Electrical equipment, appliances, and components.....	-0.7	0.4	-0.7	0.7	0.1	0.4	0.1	0.4
Transportation equipment.....	-0.3	0.3	-0.1	0.5	0.0	0.1	0.0	0.2
Furniture and related products.....	(X)	0.8	(X)	0.6	(X)	0.7	(X)	0.4
Miscellaneous products.....	(X)	0.6	(X)	1.1	(X)	1.1	(X)	0.4
Nondurable goods industries.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.2
Food products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.3
Beverage and tobacco products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.4
Textiles.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.3
Textile products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.3
Apparel.....	(X)	1.0	(X)	(NA)	(X)	(NA)	(X)	0.5
Leather and allied products.....	(X)	1.9	(X)	(NA)	(X)	(NA)	(X)	0.9
Paper products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.2
Printing.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.5
Petroleum and coal products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.6
Basic chemicals.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.5
Plastics and rubber products.....	(X)	0.3	(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 4,000 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 60 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 4,000 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 4,000 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.

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

2005 Release Dates for M3 Survey

Survey Month	Advance 8:30 A.M.	Preliminary 10:00 A.M.
Dec 2004	January 27, 2005	February 3, 2005
Jan 2005	February 24, 2005	March 4, 2005
Feb 2005	March 24, 2005	March 31, 2005
Mar 2005	April 27, 2005	May 3, 2005
Apr 2005	May 25, 2005	June 2, 2005
May 2005	June 24, 2005	July 5, 2005
Jun 2005	July 27, 2005	August 2, 2005
Jul 2005	August 24, 2005	August 30, 2005
Aug 2005	September 28, 2005	October 4, 2005
Sep 2005	October 27, 2005	November 3, 2005
Oct 2005	November 29, 2005	December 6, 2005
Nov 2005	December 23, 2005	