

U.S. Census Bureau News

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

FOR IMMEDIATE RELEASE
THURSDAY, MARCH 31, 2005, AT 10:00 A.M. EST

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

M3-2 (05)-02
CB05-43

Full Report on Manufacturers' Shipments, Inventories and Orders February 2005

Summary

New orders for manufactured goods in February increased \$0.6 billion or 0.2 percent to \$380.4 billion, the U.S. Census Bureau reported today. This was at the highest level since the series was first published on a NAICS basis in 1992 and followed a slight decrease in January.

Shipments, down following four consecutive increases, decreased \$3.6 billion or 0.9 percent to \$384.3 billion. This followed a 1.1 percent January increase.

Unfilled orders, up twelve of the last thirteen months, increased \$3.5 billion or 0.6 percent to \$555.5 billion. This followed a slight January decrease. The unfilled orders-to-shipments ratio was 3.95, up from 3.85 in January.

Inventories, up fifteen consecutive months, increased \$2.6 billion or 0.5 percent to \$481.0 billion. This followed a 1.5 percent January increase. The inventories-to-shipments ratio was 1.25, up from 1.23 in January.

New Orders

New orders for manufactured durable goods in February increased \$0.9 billion or 0.5 percent to \$200.9 billion, revised from the previously published 0.3 percent increase. This followed a 1.2 percent January decrease.

Transportation equipment, up following two consecutive decreases, had the largest increase, \$0.9 billion or 1.6 percent to \$53.6 billion, due to nondefense aircraft and parts, which increased \$1.8 billion.

New orders for manufactured nondurable goods decreased \$0.3 billion or 0.2 percent to \$179.5 billion.

Shipments

Shipments of manufactured durable goods in February, down following four consecutive increases, decreased \$3.3 billion or 1.6 percent to \$204.8 billion. This was unchanged from the previously published 1.6 percent decrease and followed a 0.8 percent January increase.

Transportation equipment, down five of the last six months, had the largest decrease, \$1.6 billion or 2.9 percent to \$52.6 billion.

Shipments of manufactured nondurable goods, down two of the last three months, decreased \$0.3 billion or 0.2 percent to \$179.5 billion.

Unfilled Orders

Unfilled orders of manufactured durable goods in February, up twelve of the last thirteen months, increased \$3.5 billion or 0.6 percent to \$555.5 billion, unchanged from the previously published 0.6 percent increase. This was at the highest level since the series began and followed a slight decrease in January.

Machinery, up eighteen of the last nineteen months, had the largest increase, up \$1.2 billion or 2.3 percent to \$53.2 billion.

Inventories

Inventories of manufactured durable goods in February, up fifteen consecutive months, increased \$2.1 billion or 0.7 percent to \$289.9 billion, revised from the previously published 0.6 percent increase. This followed a 1.6 percent January increase.

Transportation equipment, up four of the last five months, had the largest increase, \$1.1 billion or 1.5 percent to \$71.5 billion.

Inventories of manufactured nondurable goods, up four of the last five months, increased \$0.5 billion or 0.3 percent to \$191.0 billion. This was at the highest level since the series began.

By stage of fabrication, February materials and supplies decreased 0.4 percent in durable goods and increased 0.6 percent in nondurable goods. Work in process increased 1.5 percent in durable goods and 1.3 percent in nondurable goods. Finished goods increased 1.0 percent in durable goods and decreased 0.2 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 March is scheduled for release on April 27, 2005, at 8:30 a.m. EDT and the full report on May 3, 2005, at 10:00 a.m. EDT. 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			
	Feb. 2005 ^P	Jan. 2005 ^r	Dec. 2004	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2005 ^P	Jan. 2005 ^r	Dec. 2004	Feb. 2004	2005 ^P	2004	Percent 2005/ 2004
All manufacturing industries	384,290	387,936	383,872	-0.9	1.1	1.2	364,497	351,469	381,071	339,222	715,966	657,656	8.9
Excluding transportation	331,711	333,779	329,007	-0.6	1.5	0.8	311,809	304,160	328,171	282,947	615,969	554,883	11.0
Excluding defense	374,299	378,014	374,462	-1.0	0.9	1.3	354,897	343,469	370,343	328,638	698,366	639,306	9.2
With unfilled orders	140,764	143,256	140,430	-1.7	2.0	2.7	133,858	127,495	143,205	124,287	261,353	237,288	10.1
Durable goods industries	204,802	208,112	206,456	-1.6	0.8	3.0	195,148	184,141	208,569	184,081	379,289	350,251	8.3
Wood products.....	9,445	9,250	9,476	2.1	-2.4	5.8	8,495	7,637	8,559	7,743	16,132	14,725	9.6
Nonmetallic mineral products.....	7,959	7,969	8,027	-0.1	-0.7	1.7	7,137	7,101	7,182	6,409	14,238	12,767	11.5
Primary metals.....	15,195	15,458	15,338	-1.7	0.8	3.0	14,966	14,903	13,641	12,276	29,869	23,824	25.4
Iron and steel mills.....	7,309	7,421	7,466	-1.5	-0.6	3.4	7,102	7,069	6,677	5,406	14,171	10,516	34.8
Aluminum and nonferrous metals.....	6,202	6,241	6,171	-0.6	1.1	2.5	6,185	6,142	5,463	5,475	12,327	10,657	15.7
Ferrous metal foundries.....	1,684	1,796	1,701	-6.2	5.6	3.4	1,679	1,692	1,501	1,395	3,371	2,651	27.2
Fabricated metal products.....	23,549	23,725	23,478	-0.7	1.1	0.5	22,686	21,795	21,983	20,299	44,481	39,525	12.5
Machinery.....	26,440	27,155	26,720	-2.6	1.6	6.6	24,687	23,723	26,454	21,326	48,410	41,198	17.5
Farm machinery.....	1,890	1,836	1,973	2.9	-6.9	5.5	2,082	1,591	1,663	1,664	3,673	3,025	21.4
Construction machinery.....	2,756	2,805	2,940	-1.7	-4.6	5.3	2,619	2,407	2,817	2,116	5,026	3,949	27.3
Mining, oil field, and gas field machinery.....	967	949	939	1.9	1.1	-2.5	930	900	1,029	739	1,830	1,479	23.7
Industrial machinery.....	3,111	3,535	3,357	-12.0	5.3	20.7	2,732	3,222	3,888	2,703	5,954	5,354	11.2
Photographic equipment.....	857	866	841	-1.0	3.0	-7.3	742	704	923	784	1,446	1,520	-4.9
Ventilation, heating, air-conditioning, and refrigeration equipment.....	2,987	2,984	3,120	0.1	-4.4	4.9	2,569	2,443	3,076	2,292	5,012	4,454	12.5
Metalworking machinery.....	2,625	2,635	2,676	-0.4	-1.5	30.7	2,216	2,105	2,520	1,658	4,321	3,331	29.7
Turbines, generators, and other power transmission equipment.....	3,495	3,615	3,259	-3.3	10.9	1.3	3,365	3,195	3,238	2,879	6,560	5,521	18.8
Material handling equipment.....	1,721	1,705	1,624	0.9	5.0	1.1	1,647	1,622	1,691	1,344	3,269	2,718	20.3
Computers and electronic products	41,666	42,082	40,579	-1.0	3.7	0.7	37,791	36,381	48,697	34,872	74,172	67,300	10.2
Computers.....	6,949	6,860	6,221	1.3	10.3	2.1	5,895	6,792	6,996	4,441	12,687	9,876	28.5
Computer storage devices.....	1,668	1,691	1,724	-1.4	-1.9	11.4	1,104	1,016	3,123	902	2,120	1,703	24.5
Other peripheral equipment.....	1,575	1,642	1,536	-4.1	6.9	-6.5	1,314	1,167	2,264	1,337	2,481	2,445	1.5
Nondefense communications equipment.....	6,480	6,590	6,178	-1.7	6.7	-3.9	5,652	5,505	7,906	5,648	11,157	10,847	2.9
Defense communications equipment.....	716	488	746	46.7	-34.6	63.6	687	443	781	479	1,130	1,012	11.7
Audio and video equipment.....	764	837	837	-8.7	0.0	3.2	713	721	951	562	1,434	1,128	27.1
Semiconductors	7,344	7,905	6,994	-7.1	13.0	-4.3	7,214	7,213	7,253	6,885	14,427	12,846	12.3
Electronic components.....	5,200	5,124	5,124	1.5	0.0	4.7	5,024	4,627	5,792	4,335	9,651	8,300	16.3
Nondefense search and navigation equipment.....	969	960	934	0.9	2.8	-0.8	948	814	1,017	842	1,762	1,591	10.7
Defense search and navigation equipment.....	2,867	2,690	2,767	6.6	-2.8	-2.4	2,805	2,128	3,254	2,560	4,933	4,604	7.1
Electromedical, measuring, and control instruments.....	6,618	6,736	6,935	-1.8	-2.9	2.3	5,954	5,439	8,779	6,391	11,393	11,965	-4.8
Electrical equipment, appliances, and components.....	9,293	9,381	8,999	-0.9	4.2	-0.7	8,756	8,063	9,329	8,023	16,819	15,376	9.4
Electric lighting equipment.....	1,134	1,128	1,081	0.5	4.3	-1.1	1,149	988	1,218	1,040	2,137	1,932	10.6
Household appliances.....	2,116	2,097	2,192	0.9	-4.3	3.7	1,945	1,657	2,439	1,847	3,602	3,451	4.4
Electrical equipment.....	2,843	2,901	2,645	-2.0	9.7	-2.4	2,661	2,475	2,752	2,343	5,136	4,471	14.9
Batteries.....	501	511	489	-2.0	4.5	-4.7	420	427	487	411	847	841	0.7
Transportation equipment.....	52,579	54,157	54,865	-2.9	-1.3	3.8	52,688	47,309	52,900	56,275	99,997	102,773	-2.7
Automobiles.....	7,292	7,369	7,635	-1.0	-3.5	4.7	7,549	6,780	6,884	7,989	14,329	14,819	-3.3
Light trucks and utility vehicles.....	10,742	10,633	12,175	1.0	-12.7	7.4	11,061	9,324	11,325	12,395	20,385	22,501	-9.4
Heavy duty trucks	1,389	1,439	1,405	-3.5	2.4	-1.7	1,343	1,310	1,238	1,075	2,653	2,122	25.0
Motor vehicle bodies, parts, and trailers.....	17,951	18,659	18,555	-3.8	0.6	3.8	18,360	17,115	16,447	18,715	35,475	35,694	-0.6
Nondefense aircraft and parts.....	5,524	5,977	5,906	-7.6	1.2	7.3	5,187	4,563	6,963	5,610	9,750	9,531	2.3
Defense aircraft and parts.....	3,524	3,792	3,170	-7.1	19.6	-6.0	3,258	3,077	3,794	4,467	6,335	7,377	-14.1
Ships and boats.....	2,618	2,931	2,492	-10.7	17.6	1.8	2,636	2,514	2,317	2,357	5,150	4,095	25.8
Furniture and related products.....	6,647	6,651	6,667	-0.1	-0.2	3.5	6,626	6,301	6,437	6,110	12,927	11,991	7.8
Miscellaneous durable goods	12,029	12,284	12,307	-2.1	-0.2	5.5	11,316	10,928	13,387	10,748	22,244	20,772	7.1
Nondurable goods industries.....	179,488	179,824	177,416	-0.2	1.4	-0.7	169,349	167,328	172,502	155,141	336,677	307,405	9.5
Food products.....	42,660	42,402	41,456	0.6	2.3	0.9	40,541	40,092	41,946	37,536	80,633	74,276	8.6
Grain and oilseed milling.....	2,862	2,958	3,046	-3.2	-2.9	25.0	2,832	2,830	2,963	3,431	5,662	6,847	-17.3
Dairy products.....	6,757	6,792	6,576	-0.5	3.3	0.0	6,042	6,395	6,502	5,450	12,437	11,012	12.9
Meat, poultry, and seafood products.....	13,594	13,408	13,287	1.4	0.9	1.1	13,278	12,796	13,230	11,201	26,074	21,907	19.0
Beverage and tobacco products.....	9,027	9,000	9,119	0.3	-1.3	-0.1	8,446	8,151	8,779	8,000	16,597	15,828	4.9
Beverages.....	6,176	6,064	6,001	1.8	1.0	-1.2	5,595	5,215	5,661	5,239	10,810	10,503	2.9
Tobacco.....	2,851	2,936	3,118	-2.9	-5.8	2.1	2,851	2,936	3,118	2,761	5,787	5,325	8.7
Textile mills.....	3,494	3,528	3,476	-1.0	1.5	1.5	3,438	3,189	3,169	3,440	6,627	6,518	1.7
Textile products.....	3,301	3,300	3,190	0.0	3.4	1.3	3,174	2,908	2,784	3,159	6,082	6,001	1.3
Apparel.....	4,559	4,496	4,576	1.4	-1.7	-2.9	4,621	3,962	3,949	4,663	8,583	8,826	-2.8
Leather and allied products.....	939	950	748	-1.2	27.0	-12.2	963	833	791	917	1,796	1,657	8.4
Paper products.....	14,944	15,140	14,732	-1.3	2.8	0.4	14,487	14,651	14,502	13,408	29,138	27,053	7.7
Pulp, paper, and paperboard mills.....	6,233	6,285	6,294	-0.8	-0.1	2.0	6,056	6,160	6,102	5,705	12,216	11,369	7.5
Paperboard containers.....	3,993	4,025	4,109	-0.8	-2.0	1.1	3,765	3,845	3,913	3,475	7,610	7,021	8.4
Printing.....	7,949	7,995	7,945	-0.6	0.6	1.4	7,405	7,423	8,194	7,382	14,828	14,649	1.2
Petroleum and coal products.....	30,823	31,190	30,781	-1.2	1.3	-4.4	27,935	28,236	29,554	22,738	56,171	45,460	23.6
Petroleum refineries.....	28,494	28,542	28,224	-0.2	1.1	-5.0	26,072	26,401	27,577	21,167	52,473	42,441	23.6
Chemical products.....	44,042	44,108	43,748	-0.1	0.8	-0.7	41,474	41,535	42,691	38,491	83,009	76,606	8.4
Pesticides, fertilizers, and other agricultural chemicals.....	1,885	1,839	1,750	2.5	5.1	-2.8	1,812	1,536	1,484	1,521	3,348	2,908	15.1
Pharmaceuticals and medicines.....	9,565	9,564	9,525	0.0	0.4	-4.8	8,583	9,329	9,395	8,944	17,912	18,347	-2.4
Paints, coatings, and adhesives.....	2,506	2,530	2,564	-0.9	-1.3	2.2	2,350	2,249	2,282	2,273	4,599	4,336	6.1
Plastics and rubber products.....	17,750	17,715	17,645	0.2	0.4	0.8	16,865	16,348	16,143	15,407	33,213	30,531	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			Percent 2005/ 2004
	Feb. 2005 ^p	Jan. 2005 ^r	Dec. 2004	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2005 ^p	Jan. 2005 ^r	Dec. 2004	Feb. 2004	2005 ^p	2004	
All manufacturing industries ²	380,424	379,848	379,892	0.2	0.0	0.5	364,188	352,341	381,890	339,213	716,529	659,071	8.7
Excluding transportation ²	326,850	327,134	323,611	-0.1	1.1	1.0	310,948	303,147	321,914	283,575	614,095	555,314	10.6
Excluding defense ²	371,864	371,565	371,143	0.1	0.1	0.8	356,022	343,681	367,216	327,972	699,703	637,364	9.8
With unfilled orders ²	144,242	143,073	143,444	0.8	-0.3	0.3	140,763	135,580	151,277	131,163	276,343	251,549	9.9
Durable goods industries ²	200,936	200,024	202,476	0.5	-1.2	1.5	194,839	185,013	209,388	184,072	379,852	351,666	8.0
Primary metals.....	14,954	14,810	15,252	1.0	-2.9	2.2	15,394	14,994	13,890	13,514	30,388	26,001	16.9
Iron and steel mills.....	7,179	6,839	7,373	5.0	-7.2	2.9	7,426	6,737	6,723	6,081	14,163	11,493	23.2
Aluminum and nonferrous metals.....	6,163	6,204	6,178	-0.7	0.4	1.7	6,332	6,488	5,654	5,924	12,820	11,610	10.4
Ferrous metal foundries.....	1,612	1,767	1,701	-8.8	3.9	1.1	1,636	1,769	1,513	1,509	3,405	2,898	17.5
Fabricated metal products.....	24,006	24,224	23,630	-0.9	2.5	0.0	24,011	23,038	21,768	21,985	47,049	43,050	9.3
Machinery.....	27,611	27,660	27,251	-0.2	1.5	5.4	26,564	25,604	26,616	23,155	52,168	44,538	17.1
Construction machinery.....	2,933	3,104	2,998	-5.5	3.5	0.5	2,967	3,115	3,036	3,171	6,082	5,327	14.2
Mining, oil field, and gas field machinery.....	1,203	1,003	992	19.9	1.1	-7.7	1,166	954	1,082	860	2,120	1,615	31.3
Industrial machinery.....	2,927	3,115	3,196	-6.0	-2.5	13.7	2,595	3,245	3,434	2,894	5,840	6,262	-6.7
Photographic equipment.....	826	876	865	-5.7	1.3	-5.5	725	743	908	836	1,468	1,590	-7.7
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,027	2,854	3,329	6.1	-14.3	10.6	2,674	2,512	3,241	2,471	5,186	4,668	11.1
Metalworking machinery.....	2,778	2,880	2,883	-3.5	-0.1	38.2	2,451	2,531	2,557	1,745	4,982	3,598	38.5
Turbines, generators, and other power transmission equipment.....	4,012	3,424	3,413	17.2	0.3	7.2	3,846	3,028	3,576	2,781	6,874	5,509	24.8
Material handling equipment.....	1,952	2,432	1,609	-19.7	51.1	-8.7	2,065	2,290	1,724	1,415	4,355	2,741	58.9
Computers and electronic products ²	35,233	34,775	35,059	1.3	-0.8	8.2	32,742	31,554	43,475	30,433	64,296	57,782	11.3
Computers.....	6,989	6,688	6,998	4.5	-4.4	14.0	6,099	6,274	7,691	4,594	12,373	9,353	32.3
Nondefense communications equipment.....	7,106	7,218	5,805	-1.6	24.3	2.0	6,822	7,242	6,854	6,624	14,064	11,952	17.7
Defense communications equipment.....	349	259	1,769	34.7	-85.4	323.2	320	214	1,804	552	534	1,182	-54.8
Semiconductors ²	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	5,441	5,055	5,172	7.6	-2.3	11.6	5,432	4,851	5,954	4,786	10,283	9,111	12.9
Nondefense search and navigation equipment.....	1,107	1,182	1,158	-6.3	2.1	12.2	1,146	1,145	1,257	787	2,291	1,566	46.3
Defense search and navigation equipment.....	2,936	2,826	2,504	3.9	12.9	-14.0	3,127	2,660	4,161	3,374	5,787	6,322	-8.5
Electromedical, measuring, and control instruments.....	6,782	6,818	6,973	-0.5	-2.2	-0.9	6,184	5,748	8,835	6,425	11,932	12,037	-0.9
Electrical equipment, appliances, and components.....	9,391	9,868	8,688	-4.8	13.6	-6.9	9,235	8,752	8,659	8,662	17,987	16,189	11.1
Electric lighting equipment.....	1,117	1,136	932	-1.7	21.9	-24.4	1,119	1,066	1,045	1,107	2,185	1,960	11.5
Household appliances.....	2,133	2,365	1,958	-9.8	20.8	-10.3	2,046	1,919	2,078	1,854	3,965	3,423	15.8
Electrical equipment.....	2,972	3,078	2,678	-3.4	14.9	-1.8	2,960	2,732	2,565	2,515	5,692	4,767	19.4
Transportation equipment.....	53,574	52,714	56,281	1.6	-6.3	-2.3	53,240	49,194	59,976	55,638	102,434	103,757	-1.3
Motor vehicle bodies, parts, and trailers.....	17,900	18,379	18,394	-2.6	-0.1	3.7	18,495	17,257	16,795	19,188	35,752	36,592	-2.3
Nondefense aircraft and parts.....	7,182	5,432	8,008	32.2	-32.2	-16.7	6,488	5,053	10,799	5,125	11,541	8,895	29.7
Defense aircraft and parts.....	3,282	2,949	1,923	11.3	53.4	-39.5	2,967	3,021	3,775	3,388	5,988	6,379	-6.1
Ships and boats.....	2,033	2,270	3,636	-10.4	-37.6	18.8	1,871	2,748	4,326	2,771	4,619	5,681	-18.7
Furniture and related products.....	6,772	6,573	6,609	3.0	-0.5	0.7	6,743	6,314	5,980	6,144	13,057	12,268	6.4
Nondurable goods industries.....	179,488	179,824	177,416	-0.2	1.4	-0.7	169,349	167,328	172,502	155,141	336,677	307,405	9.5

^p Preliminary ^r Revised NA Not available.¹ New orders are the totals for the period and are adjusted for trading-day and calendar-month variations.² Data on new orders are not available for the semiconductor industry. Estimates and percent changes for new orders exclude semiconductor industry data.

Note: Estimates of manufacturers' shipments, inventories and orders are subject to survey error and revision. One major component of survey error is nonsampling error, which includes errors of coverage, response, and nonreporting. Since the survey panel is not a probability sample, estimates of sampling error cannot be calculated. Further details on survey design, methodology, and data limitations are contained in our most recent annual benchmark publication, Current Industrial Reports: M3-1(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 Feb. 05/04
	Feb. 2005 ^p	Jan. 2005 ^r	Dec. 2004	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2005 ^p	Jan. 2005 ^r	Dec. 2004	Feb. 2004	
All manufacturing industries ¹	555,493	552,015	552,198	0.6	0.0	0.5	561,834	554,929	546,844	516,677	8.7
Excluding transportation ¹	291,985	289,502	288,242	0.9	0.4	0.6	295,598	289,245	283,045	264,412	11.8
Excluding defense ¹	392,815	387,906	386,450	1.3	0.4	1.0	397,764	389,425	382,000	355,363	11.9
Durable goods industries ¹	555,493	552,015	552,198	0.6	0.0	0.5	561,834	554,929	546,844	516,677	8.7
Primary metals.....	18,795	19,036	19,684	-1.3	-3.3	-0.4	19,384	18,956	18,865	18,179	6.6
Iron and steel mills.....	10,192	10,322	10,904	-1.3	-5.3	-0.8	10,406	10,082	10,414	10,244	1.6
Aluminum and nonferrous metals.....	5,956	5,995	6,032	-0.7	-0.6	0.1	6,234	6,087	5,741	5,371	16.1
Ferrous metal foundries.....	2,647	2,719	2,748	-2.6	-1.1	0.0	2,744	2,787	2,710	2,564	7.0
Fabricated metal products.....	47,028	46,571	46,072	1.0	1.1	0.3	47,186	45,861	44,618	41,546	13.6
Machinery.....	53,194	52,023	51,518	2.3	1.0	1.0	54,159	52,282	50,401	46,222	17.2
Construction machinery.....	5,483	5,306	5,007	3.3	6.0	1.2	5,941	5,593	4,885	4,084	45.5
Mining, oil field, and gas field machinery.....	1,792	1,556	1,502	15.2	3.6	3.7	1,792	1,556	1,502	1,198	49.6
Industrial machinery.....	8,668	8,852	9,272	-2.1	-4.5	-1.7	8,856	8,993	8,970	8,246	7.4
Photographic equipment.....	929	960	950	-3.2	1.1	2.6	929	946	907	897	3.6
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,776	4,736	4,866	0.8	-2.7	4.5	4,806	4,701	4,632	4,461	7.7
Metalworking machinery.....	5,231	5,078	4,833	3.0	5.1	4.5	5,297	5,062	4,636	4,227	25.3
Turbines, generators, and other power transmission equipment.....	10,305	9,788	9,979	5.3	-1.9	1.6	10,332	9,851	10,018	9,326	10.8
Material handling equipment.....	6,163	5,932	5,205	3.9	14.0	-0.3	6,299	5,881	5,213	4,884	29.0
Computers and electronic products ¹	143,605	142,694	142,096	0.6	0.4	1.0	145,437	143,272	140,886	132,484	9.8
Computers.....	9,002	8,962	9,134	0.4	-1.9	9.3	8,961	8,757	9,275	8,282	8.2
Nondefense communications equipment.....	45,836	45,210	44,582	1.4	1.4	-0.8	46,420	45,250	43,513	47,485	-2.2
Defense communications equipment.....	9,883	10,250	10,479	-3.6	-2.2	10.8	9,883	10,250	10,479	3,559	177.7
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	15,090	14,849	14,918	1.6	-0.5	0.3	15,334	14,926	14,702	14,740	4.0
Nondefense search and navigation equipment.....	5,606	5,468	5,246	2.5	4.2	4.5	5,666	5,468	5,137	4,556	24.4
Defense search and navigation equipment.....	38,609	38,540	38,404	0.2	0.4	-0.7	39,282	38,960	38,428	37,792	3.9
Electromedical, measuring, and control instruments.....	19,579	19,415	19,333	0.8	0.4	0.2	19,891	19,661	19,352	16,070	23.8
Electrical equipment, appliances, and components.....	15,794	15,696	15,209	0.6	3.2	-2.0	16,020	15,541	14,852	14,228	12.6
Electric lighting equipment.....	1,754	1,771	1,763	-1.0	0.5	-7.8	1,738	1,768	1,690	1,285	35.3
Household appliances.....	980	963	695	1.8	38.6	-25.2	1,075	974	712	739	45.5
Electrical equipment.....	9,311	9,182	9,005	1.4	2.0	0.4	9,351	9,052	8,795	8,569	9.1
Transportation equipment.....	263,508	262,513	263,956	0.4	-0.5	0.5	266,236	265,684	263,799	252,265	5.5
Motor vehicle bodies, parts, and trailers.....	14,317	14,368	14,648	-0.4	-1.9	-1.1	14,942	14,807	14,665	14,518	2.9
Nondefense aircraft and parts.....	117,535	115,877	116,422	1.4	-0.5	1.8	118,929	117,628	117,138	104,435	13.9
Defense aircraft and parts.....	52,553	52,795	53,638	-0.5	-1.6	-2.3	52,326	52,617	52,673	59,772	-12.5
Ships and boats.....	19,697	20,282	20,943	-2.9	-3.2	5.8	20,501	21,266	21,032	22,047	-7.0
Furniture and related products.....	6,283	6,158	6,236	2.0	-1.3	-0.9	6,126	6,009	5,996	5,633	8.8

^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 Feb. 05/04
	Feb. 2005 ^p	Jan. 2005 ^r	Dec. 2004	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2005 ^p	Jan. 2005 ^r	Dec. 2004	Feb. 2004	
All manufacturing industries.....	480,958	478,351	471,351	0.5	1.5	0.1	484,433	475,933	459,690	445,854	8.7
Excluding transportation.....	409,470	407,945	402,091	0.4	1.5	0.2	412,203	406,172	392,946	377,333	9.2
Excluding defense.....	456,068	453,306	446,446	0.6	1.5	0.0	459,325	451,106	435,316	421,491	9.0
With unfilled orders.....	227,327	225,598	222,155	0.8	1.5	0.6	229,323	224,707	216,747	207,911	10.3
Durable goods industries.....	289,909	287,835	283,320	0.7	1.6	0.3	293,032	286,792	275,766	267,403	9.6
Wood products.....	10,516	10,469	10,128	0.4	3.4	-0.3	10,893	10,555	9,843	10,182	7.0
Nonmetallic mineral products.....	9,838	9,713	9,584	1.3	1.3	0.2	10,043	9,732	9,393	9,453	6.2
Primary metals.....	22,841	22,538	21,701	1.3	3.9	1.8	22,965	22,778	22,005	17,766	29.3
Iron and steel mills.....	13,497	13,161	12,519	2.6	5.1	2.1	13,543	13,355	12,859	9,224	46.8
Aluminum and nonferrous metals.....	7,315	7,386	7,237	-1.0	2.1	1.3	7,319	7,417	7,255	6,787	7.8
Ferrous metal foundries.....	2,029	1,991	1,945	1.9	2.4	1.5	2,103	2,006	1,891	1,755	19.8
Fabricated metal products.....	36,574	36,131	35,593	1.2	1.5	1.4	36,886	36,022	34,992	31,758	16.1
Machinery.....	47,115	46,860	46,065	0.5	1.7	0.8	47,954	46,823	44,857	42,973	11.6
Farm machinery.....	2,726	2,634	2,539	3.5	3.7	-1.8	2,941	2,754	2,572	2,490	18.1
Construction machinery.....	4,392	4,339	4,309	1.2	0.7	2.0	4,517	4,356	4,268	3,867	16.8
Mining, oil field, and gas field machinery.....	2,446	2,403	2,369	1.8	1.4	3.9	2,420	2,352	2,261	2,252	7.5
Industrial machinery.....	7,256	7,183	7,064	1.0	1.7	0.0	7,406	7,111	6,881	6,922	7.0
Photographic equipment.....	1,445	1,466	1,384	-1.4	5.9	-2.7	1,447	1,426	1,286	1,402	3.2
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,694	4,643	4,580	1.1	1.4	0.6	4,788	4,548	4,318	4,288	11.7
Metalworking machinery.....	4,418	4,486	4,483	-1.5	0.1	0.8	4,414	4,441	4,278	4,327	2.0
Turbines, generators, and other power transmission equipment.....	5,293	5,276	5,201	0.3	1.4	2.9	5,265	5,240	5,081	4,266	23.4
Material handling equipment.....	2,811	2,787	2,646	0.9	5.3	-0.5	2,843	2,772	2,600	2,280	24.7
Computers and electronic products.....	49,575	49,838	49,317	-0.5	1.1	-0.4	49,841	49,516	47,524	47,316	5.3
Computers.....	2,762	2,809	2,739	-1.7	2.6	2.5	2,722	2,658	2,691	2,430	12.0
Computer storage devices.....	1,361	1,356	1,350	0.4	0.4	1.0	1,415	1,328	1,155	1,248	13.4
Other peripheral equipment.....	2,426	2,389	2,380	1.5	0.4	-0.3	2,442	2,370	2,202	2,366	3.2
Nondefense communications equipment.....	9,691	9,843	9,749	-1.5	1.0	-0.8	9,729	9,812	9,386	9,324	4.3
Defense communications equipment.....	1,112	1,298	1,334	-14.3	-2.7	16.0	1,112	1,298	1,334	1,283	-13.3
Audio and video equipment.....	1,189	1,146	1,140	3.8	0.5	0.9	1,129	1,132	1,087	866	30.4
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	8,013	8,072	8,023	-0.7	0.6	0.4	8,117	8,155	7,700	7,723	5.1
Nondefense search and navigation equipment.....	2,571	2,598	2,614	-1.0	-0.6	2.0	2,567	2,602	2,557	2,463	4.2
Defense search and navigation equipment.....	2,922	2,920	2,875	0.1	1.6	1.2	2,919	2,895	2,785	2,830	3.1
Electromedical, measuring and control instruments.....	10,593	10,474	10,401	1.1	0.7	-0.6	10,767	10,450	10,182	10,224	5.3
Electrical equipment, appliances, and components.....	13,145	13,136	13,003	0.1	1.0	0.6	13,478	13,106	12,463	12,612	6.9
Electric lighting equipment.....	1,513	1,503	1,496	0.7	0.5	0.0	1,522	1,477	1,410	1,409	8.0
Household appliances.....	2,364	2,362	2,347	0.1	0.6	2.7	2,449	2,339	2,122	2,233	9.7
Electrical equipment.....	4,551	4,545	4,508	0.1	0.8	0.2	4,702	4,614	4,442	4,389	7.1
Batteries.....	612	609	592	0.5	2.9	-6.3	599	571	545	565	6.0
Transportation equipment.....	71,488	70,406	69,260	1.5	1.7	-0.7	72,230	69,761	66,744	68,521	5.4
Automobiles.....	2,063	2,290	2,096	-9.9	9.3	-2.9	2,086	2,256	1,886	2,030	2.8
Light trucks and utility vehicles.....	2,617	2,476	2,539	5.7	-2.5	-2.5	2,630	2,378	2,244	2,398	9.7
Heavy duty trucks.....	906	889	876	1.9	1.5	5.0	921	885	844	757	21.7
Motor vehicle bodies, parts, and trailers.....	16,713	16,539	16,206	1.1	2.1	-1.2	16,938	16,634	15,805	15,919	6.4
Nondefense aircraft and parts.....	24,543	23,690	23,215	3.6	2.0	-1.9	24,725	23,285	22,205	23,940	3.3
Defense aircraft and parts.....	12,284	12,336	12,277	-0.4	0.5	3.1	12,575	12,272	12,035	11,756	7.0
Ships and boats.....	3,336	3,341	3,289	-0.1	1.6	-0.8	3,339	3,334	3,258	3,190	4.7
Furniture and related products.....	8,590	8,573	8,556	0.2	0.2	0.8	8,439	8,496	8,359	7,479	12.8
Miscellaneous durable goods.....	20,227	20,171	20,113	0.3	0.3	0.0	20,303	20,003	19,586	19,343	5.0
Nondurable goods industries.....	191,049	190,516	188,031	0.3	1.3	-0.1	191,401	189,141	183,924	178,451	7.3
Food products.....	33,958	33,894	33,881	0.2	0.0	0.4	33,816	33,691	33,865	33,095	2.2
Grain and oilseed milling.....	2,725	2,652	2,664	2.8	-0.5	-2.2	2,923	2,790	2,770	3,561	-17.9
Dairy products.....	3,951	3,967	3,951	-0.4	0.4	0.9	3,911	3,854	3,646	3,624	7.9
Meat, poultry, and seafood products.....	6,335	6,373	6,373	-0.6	0.0	2.0	6,254	6,203	6,191	6,087	2.7
Beverage and tobacco products.....	14,829	14,916	14,673	-0.6	1.7	-1.2	15,051	15,174	14,776	14,998	0.4
Beverages.....	10,333	10,366	10,126	-0.3	2.4	-1.8	10,327	10,356	10,035	10,113	2.1
Tobacco.....	4,496	4,550	4,547	-1.2	0.1	0.1	4,724	4,818	4,741	4,885	-3.3
Textile mills.....	4,632	4,712	4,758	-1.7	-1.0	-0.2	4,650	4,704	4,602	4,950	-6.1
Textile products.....	5,443	5,395	5,302	0.9	1.8	0.7	5,455	5,393	5,063	5,081	7.4
Apparel.....	7,364	7,329	7,246	0.5	1.1	-0.7	7,206	7,296	7,009	6,761	6.6
Leather and allied products.....	1,747	1,804	1,725	-3.2	4.6	3.2	1,747	1,809	1,655	1,695	3.1
Paper products.....	15,374	15,247	14,959	0.8	1.9	0.2	15,503	15,327	14,806	14,503	6.9
Pulp, paper, and paperboard mills.....	6,580	6,485	6,349	1.5	2.1	0.6	6,665	6,524	6,316	6,425	3.7
Paperboard containers.....	4,606	4,601	4,537	0.1	1.4	0.1	4,635	4,661	4,523	4,109	12.8
Printing.....	6,801	6,654	6,829	2.2	-2.6	0.6	6,588	6,309	6,438	6,011	9.6
Petroleum and coal products.....	18,977	18,994	17,530	-0.1	8.4	-8.0	18,562	18,207	16,259	15,939	16.5
Petroleum refineries.....	17,123	17,191	15,696	-0.4	9.5	-9.0	16,745	16,477	14,587	14,372	16.5
Chemical products.....	57,491	57,349	57,369	0.2	0.0	1.2	57,929	56,813	56,263	54,525	6.2
Pesticides, fertilizers, and other agricultural chemicals.....	2,501	2,509	2,488	-0.3	0.8	2.3	2,957	2,823	2,589	2,814	5.1
Pharmaceuticals and medicines.....	22,259	22,383	22,657	-0.6	-1.2	0.2	21,841	21,428	21,812	21,963	-0.6
Paints, coatings, and adhesives.....	2,955	2,921	2,933	1.2	-0.4	1.3	3,016	2,916	2,825	2,835	6.4
Plastics and rubber products.....	24,433	24,222	23,759	0.9	1.9	2.3	24,894	24,418	23,188	20,893	19.1

^p Preliminary^r Revised

NA Not available.

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

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

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

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted ²						
	Monthly			Percent Change			Monthly			Year to date		Percent Change ⁶ 2005/ 2004	
	Feb. 2005 ^p	Jan. 2005 ^r	Dec. 2004	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2005 ^p	Jan. 2005 ^r	Dec. 2004	Feb. 2004	2005 ^p		2004
SHIPMENTS													
All manufacturing industries	384,290	387,936	383,872	-0.9	1.1	1.2	364,497	351,469	381,071	339,222	715,966	657,656	8.9
Construction materials and supplies.....	40,655	40,943	41,001	-0.7	-0.1	2.5	37,357	35,563	37,461	33,617	72,920	65,038	12.1
Information technology.....	32,678	32,663	31,894	0.0	2.4	0.9	28,876	27,761	39,008	26,818	56,637	52,355	8.2
Computers and related products	10,192	10,193	9,481	0.0	7.5	2.1	8,313	8,975	12,383	6,680	17,288	14,024	23.3
Motor vehicle and parts.....	37,374	38,100	39,770	-1.9	-4.2	4.8	38,313	34,529	35,894	40,174	72,842	75,136	-3.1
Capital goods.....	75,333	76,685	74,945	-1.8	2.3	3.6	69,397	65,906	83,800	65,233	135,303	123,715	9.4
Nondefense capital goods ³	66,932	68,610	66,871	-2.4	2.6	4.1	61,286	59,318	74,764	56,075	120,604	107,779	11.9
Excluding aircraft.....	64,860	66,396	64,076	-2.3	3.6	3.1	59,289	58,014	70,805	53,578	117,303	104,004	12.8
Defense capital goods ⁴	8,401	8,075	8,074	4.0	0.0	-1.0	8,111	6,588	9,036	9,158	14,699	15,936	-7.8
Consumer goods.....	145,388	145,300	145,441	0.1	-0.1	0.0	138,981	134,395	142,462	130,572	273,376	255,220	7.1
Consumer durable goods.....	35,033	35,077	37,190	-0.1	-5.7	5.3	35,042	31,111	35,882	35,536	66,153	66,358	-0.3
Consumer nondurable goods.....	110,355	110,223	108,251	0.1	1.8	-1.7	103,939	103,284	106,580	95,036	207,223	188,862	9.7
NEW ORDERS													
All manufacturing industries ⁵	380,424	379,848	379,892	0.2	0.0	0.5	364,188	352,341	381,890	339,213	716,529	659,071	8.7
Construction materials and supplies.....	41,137	41,042	41,147	0.2	-0.3	2.3	38,550	36,283	37,314	34,906	74,833	67,766	10.4
Information technology.....	33,286	33,374	33,383	-0.3	0.0	6.4	30,725	30,054	40,913	29,258	60,779	55,459	9.6
Computers and related products	10,232	10,021	10,258	2.1	-2.3	9.9	8,517	8,457	13,078	6,833	16,974	13,501	25.7
Motor vehicle and parts.....	37,323	37,820	39,609	-1.3	-4.5	4.8	38,448	34,671	36,242	40,647	73,119	76,034	-3.8
Capital goods.....	77,792	77,044	76,978	1.0	0.1	-1.7	73,261	71,467	90,479	68,518	144,728	130,582	10.8
Nondefense capital goods ³	70,589	70,286	69,489	0.4	1.1	-0.6	66,468	64,465	77,665	58,391	130,933	111,162	17.8
Excluding aircraft.....	67,101	68,231	65,348	-1.7	4.4	3.4	63,412	62,285	70,626	56,764	125,697	108,118	16.3
Defense capital goods ⁴	7,203	6,758	7,489	6.6	-9.8	-11.0	6,793	7,002	12,814	10,127	13,795	19,420	-29.0
Consumer goods.....	145,245	145,380	145,202	-0.1	0.1	-0.8	138,953	134,732	141,916	130,376	273,685	255,374	7.2
Consumer durable goods.....	34,890	35,157	36,951	-0.8	-4.9	2.0	35,014	31,448	35,336	35,340	66,462	66,512	-0.1
Consumer nondurable goods.....	110,355	110,223	108,251	0.1	1.8	-1.7	103,939	103,284	106,580	95,036	207,223	188,862	9.7
UNFILLED ORDERS													
All manufacturing industries ⁵	555,493	552,015	552,198	0.6	0.0	0.5	561,834	554,929	546,844	516,677	(X)	(X)	8.7
Construction materials and supplies.....	38,478	37,996	37,897	1.3	0.3	0.4	38,487	37,294	36,574	34,597	(X)	(X)	11.2
Information technology.....	133,193	132,585	131,874	0.5	0.5	1.1	134,888	133,039	130,746	122,276	(X)	(X)	10.3
Computers and related products	9,002	8,962	9,134	0.4	-1.9	9.3	8,961	8,757	9,275	8,282	(X)	(X)	8.2
Motor vehicle and parts.....	14,317	14,368	14,648	-0.4	-1.9	-1.1	14,942	14,807	14,665	14,518	(X)	(X)	2.9
Capital goods.....	395,891	393,432	393,073	0.6	0.1	0.5	400,340	396,476	390,915	364,664	(X)	(X)	9.8
Nondefense capital goods ³	250,180	246,523	244,847	1.5	0.7	1.1	253,367	248,185	243,038	222,930	(X)	(X)	13.7
Excluding aircraft.....	156,910	154,669	152,834	1.4	1.2	0.8	158,703	154,580	150,309	143,398	(X)	(X)	10.7
Defense capital goods ⁴	145,711	146,909	148,226	-0.8	-0.9	-0.4	146,973	148,291	147,877	141,734	(X)	(X)	3.7
Consumer goods.....	14,087	14,230	14,150	-1.0	0.6	-1.7	14,237	14,265	13,928	12,765	(X)	(X)	11.5
Consumer durable goods.....	14,087	14,230	14,150	-1.0	0.6	-1.7	14,237	14,265	13,928	12,765	(X)	(X)	11.5
TOTAL INVENTORIES													
All manufacturing industries	480,958	478,351	471,351	0.5	1.5	0.1	484,433	475,933	459,690	445,854	(X)	(X)	8.7
Construction materials and supplies.....	53,073	52,405	51,577	1.3	1.6	0.8	53,986	52,282	50,223	47,725	(X)	(X)	13.1
Information technology.....	40,602	40,819	40,437	-0.5	0.9	0.5	40,878	40,473	39,004	38,940	(X)	(X)	5.0
Computers and related products	6,549	6,554	6,469	-0.1	1.3	1.1	6,579	6,356	6,048	6,044	(X)	(X)	8.9
Motor vehicle and parts.....	22,299	22,194	21,717	0.5	2.2	-1.3	22,575	22,153	20,779	21,104	(X)	(X)	7.0
Capital goods.....	133,418	132,463	130,914	0.7	1.2	0.1	134,718	131,507	127,250	125,987	(X)	(X)	6.9
Nondefense capital goods ³	113,406	112,372	110,981	0.9	1.3	0.1	114,647	111,556	107,531	106,303	(X)	(X)	7.8
Excluding aircraft.....	95,842	95,500	94,394	0.4	1.2	0.6	96,898	94,979	91,701	89,068	(X)	(X)	8.8
Defense capital goods ⁴	20,012	20,091	19,933	-0.4	0.8	0.5	20,071	19,951	19,719	19,684	(X)	(X)	2.0
Consumer goods.....	144,369	144,499	142,272	-0.1	1.6	-1.1	143,856	142,770	138,358	137,091	(X)	(X)	4.9
Consumer durable goods.....	30,017	30,076	29,837	-0.2	0.8	-0.2	30,282	29,976	28,481	27,950	(X)	(X)	8.3
Consumer nondurable goods.....	114,352	114,423	112,435	-0.1	1.8	-1.3	113,574	112,794	109,877	109,141	(X)	(X)	4.1

^p Preliminary ^r Revised X Not Applicable.

¹ Topical series are regroupings of the separate industry categories.

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

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

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

⁵ Estimates and percent changes exclude semiconductor industry data.

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

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

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

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Feb. 05/04
	Feb. 2005 ^p	Jan. 2005 ^f	Dec. 2004	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2005 ^p	Jan. 2005 ^f	Dec. 2004	Feb. 2004	
<u>MATERIALS AND SUPPLIES</u>											
All manufacturing industries	157,354	157,310	154,894	0.0	1.6	-0.1	158,152	157,947	154,165	145,353	8.8
Durable goods industries	95,015	95,351	93,762	-0.4	1.7	0.1	95,613	95,905	93,422	85,452	11.9
Wood products.....	3,875	3,851	3,742	0.6	2.9	-1.2	3,963	4,038	3,910	3,780	4.8
Nonmetallic mineral products.....	3,441	3,417	3,365	0.7	1.5	-0.1	3,422	3,422	3,366	3,273	4.6
Primary metals.....	8,754	8,627	8,519	1.5	1.3	2.4	8,661	8,776	8,840	6,146	40.9
Fabricated metal products.....	14,435	14,128	13,826	2.2	2.2	1.3	14,495	14,139	13,892	11,389	27.3
Machinery.....	14,273	14,243	13,996	0.2	1.8	1.0	14,331	14,369	13,814	12,484	14.8
Computers and electronic products	17,007	17,378	17,225	-2.1	0.9	-1.1	17,200	17,345	16,879	16,890	1.8
Electrical equipment, appliances, and components.....	4,946	4,930	4,916	0.3	0.3	0.8	5,085	4,979	4,890	4,642	9.5
Transportation equipment.....	17,894	18,271	17,654	-2.1	3.5	-1.3	18,060	18,316	17,426	17,450	3.5
Furniture and related products.....	3,561	3,626	3,673	-1.8	-1.3	0.6	3,542	3,627	3,658	3,120	13.5
Miscellaneous products.....	6,829	6,880	6,846	-0.7	0.5	-0.1	6,854	6,894	6,747	6,278	9.2
Nondurable goods industries.....	62,339	61,959	61,132	0.6	1.4	-0.4	62,539	62,042	60,743	59,901	4.4
Food products.....	9,441	9,409	9,583	0.3	-1.8	-0.6	9,558	9,531	9,690	10,420	-8.3
Beverage and tobacco products.....	5,105	5,172	5,132	-1.3	0.8	-4.3	5,241	5,416	5,375	5,539	-5.4
Textiles.....	1,335	1,385	1,361	-3.6	1.8	2.3	1,342	1,384	1,339	1,372	-2.2
Textile products.....	1,940	1,946	1,942	-0.3	0.2	1.5	1,941	1,947	1,896	1,789	8.5
Apparel.....	1,643	1,631	1,630	0.7	0.1	0.7	1,618	1,627	1,628	1,614	0.2
Leather and allied products.....	461	486	477	-5.1	1.9	2.8	451	476	469	439	2.7
Paper products.....	6,510	6,483	6,338	0.4	2.3	-1.4	6,532	6,506	6,373	6,591	-0.9
Printing	2,972	2,945	3,068	0.9	-4.0	2.4	2,905	2,862	2,987	2,660	9.2
Petroleum and coal products.....	5,839	5,929	5,567	-1.5	6.5	-6.3	5,739	5,654	5,230	5,045	13.8
Chemical products.....	18,404	17,859	17,610	3.1	1.4	0.2	18,387	17,815	17,422	16,971	8.3
Plastics and rubber products.....	8,689	8,714	8,424	-0.3	3.4	3.7	8,825	8,824	8,334	7,461	18.3
<u>WORK IN PROCESS</u>											
All manufacturing industries	136,267	134,338	133,301	1.4	0.8	-0.2	136,834	133,171	128,889	129,880	5.4
Durable goods industries	104,785	103,247	101,845	1.5	1.4	-0.1	105,452	102,261	98,093	98,316	7.3
Wood products.....	2,061	2,026	1,965	1.7	3.1	-0.9	2,066	2,024	1,964	2,046	1.0
Nonmetallic mineral products.....	1,129	1,146	1,151	-1.5	-0.4	0.0	1,179	1,149	1,095	1,275	-7.5
Primary metals.....	7,496	7,498	6,904	0.0	8.6	-0.2	7,505	7,509	6,899	5,920	26.8
Fabricated metal products.....	10,383	10,318	10,258	0.6	0.6	1.8	10,410	10,245	10,019	9,577	8.7
Machinery.....	16,297	16,241	15,792	0.3	2.8	-0.5	16,336	15,818	15,019	15,025	8.7
Computers and electronic products	19,476	19,376	19,379	0.5	0.0	-1.4	19,364	19,139	18,338	18,291	5.9
Electrical equipment, appliances, and components.....	3,058	3,101	3,058	-1.4	1.4	1.7	3,119	3,091	2,906	2,983	4.6
Transportation equipment.....	39,606	38,624	38,385	2.5	0.6	0.3	40,229	38,487	37,084	38,429	4.7
Furniture and related products.....	1,693	1,633	1,579	3.7	3.4	-1.9	1,684	1,633	1,573	1,532	9.9
Miscellaneous products.....	3,586	3,284	3,374	9.2	-2.7	1.4	3,560	3,166	3,196	3,238	9.9
Nondurable goods industries.....	31,482	31,091	31,456	1.3	-1.2	-0.7	31,382	30,910	30,796	31,564	-0.6
Food products.....	3,437	3,471	3,499	-1.0	-0.8	1.2	3,409	3,579	3,751	3,015	13.1
Beverage and tobacco products.....	4,900	4,893	4,857	0.1	0.7	2.5	5,010	5,102	5,132	4,866	3.0
Textiles.....	1,219	1,232	1,238	-1.1	-0.5	-1.7	1,231	1,249	1,206	1,297	-5.1
Textile products.....	675	676	668	-0.1	1.2	0.6	675	671	614	693	-2.6
Apparel.....	1,061	1,072	1,089	-1.0	-1.6	-0.9	1,051	1,074	1,009	1,184	-11.2
Leather and allied products.....	168	166	163	1.2	1.8	2.5	172	177	158	190	-9.5
Paper products.....	1,325	1,298	1,294	2.1	0.3	-1.2	1,318	1,321	1,306	1,131	16.5
Printing	1,906	1,731	1,813	10.1	-4.5	-1.2	1,852	1,602	1,543	1,679	10.3
Petroleum and coal products.....	3,779	3,551	3,384	6.4	4.9	-13.4	3,705	3,351	3,066	4,488	-17.4
Chemical products.....	10,208	10,237	10,690	-0.3	-4.2	1.3	10,084	9,960	10,326	10,510	-4.1
Plastics and rubber products.....	2,804	2,764	2,761	1.4	0.1	1.9	2,875	2,824	2,685	2,511	14.5
<u>FINISHED GOODS</u>											
All manufacturing industries	187,337	186,703	183,156	0.3	1.9	0.5	189,447	184,815	176,636	170,621	11.0
Durable goods industries	90,109	89,237	87,713	1.0	1.7	0.8	91,967	88,626	84,251	83,635	10.0
Wood products.....	4,580	4,592	4,421	-0.3	3.9	0.8	4,864	4,493	3,969	4,356	11.7
Nonmetallic mineral products.....	5,268	5,150	5,068	2.3	1.6	0.5	5,442	5,161	4,932	4,905	10.9
Primary metals.....	6,591	6,413	6,278	2.8	2.2	3.2	6,799	6,493	6,266	5,700	19.3
Fabricated metal products.....	11,756	11,685	11,509	0.6	1.5	1.2	11,981	11,638	11,081	10,792	11.0
Machinery.....	16,545	16,376	16,277	1.0	0.6	2.0	17,287	16,636	16,024	15,464	11.8
Computers and electronic products	13,092	13,084	12,713	0.1	2.9	2.2	13,277	13,032	12,307	12,135	9.4
Electrical equipment, appliances, and components.....	5,141	5,105	5,029	0.7	1.5	-0.3	5,274	5,036	4,667	4,987	5.8
Transportation equipment.....	13,988	13,511	13,221	3.5	2.2	-2.5	13,941	12,958	12,234	12,642	10.3
Furniture and related products.....	3,336	3,314	3,304	0.7	0.3	2.4	3,213	3,236	3,128	2,827	13.7
Miscellaneous products.....	9,812	10,007	9,893	-1.9	1.2	-0.4	9,889	9,943	9,643	9,827	0.6
Nondurable goods industries.....	97,228	97,466	95,443	-0.2	2.1	0.2	97,480	96,189	92,385	86,986	12.1
Food products.....	21,080	21,014	20,799	0.3	1.0	0.7	20,849	20,581	20,424	19,660	6.0
Beverage and tobacco products.....	4,824	4,851	4,684	-0.6	3.6	-1.5	4,800	4,656	4,269	4,593	4.5
Textiles.....	2,078	2,095	2,159	-0.8	-3.0	-0.9	2,077	2,071	2,057	2,281	-8.9
Textile products.....	2,828	2,773	2,692	2.0	3.0	0.2	2,839	2,775	2,553	2,599	9.2
Apparel.....	4,660	4,626	4,527	0.7	2.2	-1.1	4,537	4,595	4,372	3,963	14.5
Leather and allied products.....	1,118	1,152	1,085	-3.0	6.2	3.5	1,124	1,156	1,028	1,066	5.4
Paper products.....	7,539	7,466	7,327	1.0	1.9	1.9	7,653	7,500	7,127	6,781	12.9
Printing	1,923	1,978	1,948	-2.8	1.5	-0.5	1,831	1,845	1,908	1,672	9.5
Petroleum and coal products.....	9,359	9,514	8,579	-1.6	10.9	-6.9	9,118	9,202	7,963	6,406	42.3
Chemical products.....	28,879	29,253	29,069	-1.3	0.6	1.8	29,458	29,038	28,515	27,044	8.9
Plastics and rubber products.....	12,940	12,744	12,574	1.5	1.4	1.5	13,194	12,770	12,169	10,921	20.8

^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			
	Feb 2005 ^p	Jan 2005 ^r	Dec 2004	Nov 2004	Feb 2005 ^p	Jan 2005 ^r	Dec 2004	Nov 2004
All manufacturing industries ²	1.25	1.23	1.23	1.24	(X)	(X)	(X)	(X)
Durable goods industries ²	1.42	1.38	1.37	1.41	3.95	3.85	3.93	4.02
Wood products.....	1.11	1.13	1.07	1.13	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.24	1.22	1.19	1.21	(X)	(X)	(X)	(X)
Primary metals.....	1.50	1.46	1.41	1.43	1.24	1.23	1.28	1.33
Fabricated metal products.....	1.55	1.52	1.52	1.50	2.07	2.03	2.04	2.04
Machinery.....	1.78	1.73	1.72	1.82	2.23	2.11	2.14	2.26
Computers and electronic products ² ..	1.19	1.18	1.22	1.23	4.82	4.85	4.92	4.95
Electrical equipment, appliances, and components.....	1.41	1.40	1.44	1.43	1.80	1.77	1.79	1.82
Transportation equipment.....	1.36	1.30	1.26	1.32	7.95	7.56	7.84	8.00
Furniture and related products.....	1.29	1.29	1.28	1.32	1.07	1.05	1.06	1.11
Miscellaneous products.....	1.68	1.64	1.63	1.72	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.06	1.06	1.06	1.05	(X)	(X)	(X)	(X)
Food products.....	0.80	0.80	0.82	0.82	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.64	1.66	1.61	1.63	(X)	(X)	(X)	(X)
Textiles.....	1.33	1.34	1.37	1.39	(X)	(X)	(X)	(X)
Textile products.....	1.65	1.63	1.66	1.67	(X)	(X)	(X)	(X)
Apparel.....	1.62	1.63	1.58	1.55	(X)	(X)	(X)	(X)
Leather and allied products.....	1.86	1.90	2.31	1.96	(X)	(X)	(X)	(X)
Paper products.....	1.03	1.01	1.02	1.02	(X)	(X)	(X)	(X)
Printing.....	0.86	0.83	0.86	0.87	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.62	0.61	0.57	0.59	(X)	(X)	(X)	(X)
Chemical products.....	1.31	1.30	1.31	1.29	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.38	1.37	1.35	1.33	(X)	(X)	(X)	(X)

^p Preliminary

^r Revised

X Not Applicable

¹ Excludes the following industries with no unfilled orders: Wood products; nonmetallic mineral products; medical equipment and supplies; office supplies; other miscellaneous manufacturing; cutlery and handtools; farm and garden machinery; computer storage and peripheral devices; audio and video equipment; manufacturing and reproducing magnetic and optical media; batteries; automobiles; light trucks and utility vehicles; heavy duty trucks; and miscellaneous furniture.

² Unfilled orders to shipments ratio excludes semiconductor manufacturing.

Table 8. Revisions to Previously Published Monthly Percent Changes

[Based on Seasonally Adjusted data]

Industry	Shipments		New Orders		Unfilled Orders		Inventories	
	Feb ¹ 2005	Feb ² 2004-Jan 2005	Feb ¹ 2005	Feb ² 2004-Jan 2005	Feb ¹ 2005	Feb ² 2004-Jan 2005	Feb ¹ 2005	Feb ² 2004-Jan 2005
All manufacturing industries.....	(X)	0.3	(X)	0.4	(X)	0.1	(X)	0.2
Durable goods industries.....	0.0	0.3	0.2	0.6	0.0	0.1	0.1	0.2
Wood products.....	(X)	0.9	(X)	(NA)	(X)	(NA)	(X)	0.5
Nonmetallic mineral products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.3
Primary metals.....	0.2	0.7	0.4	1.6	0.1	0.7	-0.1	0.3
Fabricated metal products.....	0.0	0.3	0.1	1.1	0.1	0.5	-0.1	0.3
Machinery.....	0.7	0.8	0.9	1.5	0.2	0.5	0.3	0.2
Computers and electronic products.....	-0.1	0.6	0.1	1.2	0.0	0.3	-0.1	0.3
Electrical equipment, appliances, and components.....	0.1	0.4	-0.3	0.8	-0.3	0.5	0.0	0.4
Transportation equipment.....	0.0	0.3	0.0	0.6	0.0	0.1	-0.1	0.2
Furniture and related products.....	(X)	0.8	(X)	0.6	(X)	0.6	(X)	0.4
Miscellaneous products.....	(X)	0.5	(X)	1.0	(X)	1.2	(X)	0.3
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)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.4
Textiles.....	(X)	0.5	(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)	1.7	(X)	(NA)	(X)	(NA)	(X)	1.0
Paper products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.2
Printing.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.4
Petroleum and coal products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.6
Chemical products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.4
Plastics and rubber products.....	(X)	0.3	(X)	(NA)	(X)	(NA)	(X)	0.5

X Not Applicable

NA Not Available

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

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

Survey Description

This report is compiled from results of the U.S. Census Bureau's Manufacturers' Shipments, Inventories, and Orders (M3) survey. This survey provides statistics on manufacturers' value of shipments, new orders (net of cancellations), end-of-month order backlog (unfilled orders), end-of-month total inventory (at current cost or market value), and inventories by stage of fabrication (materials and supplies, work-in-process, and finished goods). The M3 includes approximately 4,000 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>.