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

Summary

New orders for manufactured goods in March increased \$0.4 billion or 0.1 percent to \$378.2 billion, the U.S. Census Bureau reported today. This followed a 0.5 percent February decrease.

Shipments, up five of the last six months, increased \$5.0 billion or 1.3 percent to \$387.3 billion. This followed a 1.5 percent February decrease.

Unfilled orders, down two of the last three months, decreased \$1.9 billion or 0.3 percent to \$552.9 billion. This followed a 0.5 percent February increase. The unfilled orders-to-shipments ratio was 3.93, down from 3.95 in February.

Inventories, up sixteen consecutive months, increased \$2.8 billion or 0.6 percent to \$484.1 billion. This followed a 0.6 percent February increase. The inventories-to-shipments ratio was 1.25, down from 1.26 in February.

New Orders

New orders for manufactured durable goods in March, down three consecutive months, decreased \$4.6 billion or 2.3 percent to \$195.1 billion, revised from the previously published 2.8 percent decrease. This followed a 0.1 percent February decrease.

Transportation equipment, down four consecutive months, had the largest decrease, \$3.9 billion or 7.3 percent to \$48.7 billion, due to nondefense aircraft and parts, which decreased \$1.6 billion.

New orders for manufactured nondurable goods increased \$5.0 billion or 2.8 percent to \$183.1 billion.

Shipments

Shipments of manufactured durable goods in March, up five of the last six months, increased slightly to \$204.2 billion, revised from the previously published 0.2 percent decrease. This followed a 1.9 percent February decrease.

Computers and electronic products, up five of the last six months, had the largest increase, \$0.3 billion or 0.8 percent to \$41.7 billion.

Shipments of manufactured nondurable goods increased \$5.0 billion or 2.8 percent to \$183.1 billion, due to petroleum and coal products, which increased \$5.6 billion. This was the largest monthly increase and at the highest level since the series was first stated on a NAICS basis in 1992.

Unfilled Orders

Unfilled orders of manufactured durable goods in March, down two of the last three months, decreased \$1.9 billion or 0.3 percent to \$552.9 billion, revised from the previously published 0.5 percent decrease. This followed a 0.5 percent February increase.

Transportation equipment, down two of the last three months, had the largest decrease, \$3.7 billion or 1.4 percent to \$258.9 billion.

Inventories

Inventories of manufactured durable goods in March, up sixteen consecutive months, increased \$1.7 billion or 0.6 percent to \$291.7 billion, revised from the previously published 0.4 percent increase. This followed a 0.7 percent February increase.

Transportation equipment, up five of the last six months, had the largest increase, \$0.8 billion or 1.1 percent to \$72.2 billion.

Inventories of manufactured nondurable goods, up five of the last six months, increased \$1.1 billion or 0.6 percent to \$192.4 billion. This was at the highest level since the series began.

By stage of fabrication, March materials and supplies increased 0.9 percent in durable goods and 1.0 percent in nondurable goods. Work in process decreased 0.2 percent in durable goods and increased 0.1 percent in nondurable goods. Finished goods increased 1.2 percent in durable goods and 0.5 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 April is scheduled for release on May 25, 2005, at 8:30 a.m. EDT and the full report on June 2, 2005, at 10:00 a.m. EDT. See back page for survey description.

Table 1. Value of Manufacturers' Shipments for Industry Groups**[Millions of Dollars]**

Industry	Seasonally Adjusted						Not Seasonally Adjusted ¹						
	Monthly			Percent Change			Monthly				Year to date		
	Mar. 2005 ^P	Feb. 2005 ^F	Jan. 2005	Feb. - Mar.	Jan. - Feb.	Dec. - Jan.	Mar. 2005 ^P	Feb. 2005 ^F	Jan. 2005	Mar. 2004	2005 ^P	2004	Percent 2005/ 2004
All manufacturing industries	387,341	382,305	387,936	1.3	-1.5	1.1	411,408	363,517	351,469	390,300	1,126,394	1,047,956	7.5
Excluding transportation	334,937	329,821	333,779	1.6	-1.2	1.5	352,096	310,566	304,160	325,886	966,822	880,769	9.8
Excluding defense	377,410	372,349	378,014	1.4	-1.5	0.9	400,600	354,091	343,469	379,535	1,098,160	1,018,841	7.8
With unfilled orders	140,785	140,483	143,256	0.2	-1.9	2.0	154,146	133,873	127,495	146,469	415,514	383,757	8.3
Durable goods industries	204,242	204,239	208,112	0.0	-1.9	0.8	223,595	195,045	184,141	218,053	602,781	568,304	6.1
Wood products.....	9,483	9,454	9,250	0.3	2.2	-2.4	9,514	8,502	7,637	9,126	25,653	23,851	7.6
Nonmetallic mineral products.....	8,239	8,102	7,969	1.7	1.7	-0.7	8,327	7,184	7,101	7,667	22,612	20,434	10.7
Primary metals.....	15,143	15,126	15,458	0.1	-2.1	0.8	16,268	14,947	14,903	14,270	46,118	38,094	21.1
Iron and steel mills.....	7,129	7,242	7,421	-1.6	-2.4	-0.6	7,678	7,091	7,069	6,366	21,838	16,882	29.4
Aluminum and nonferrous metals.....	6,353	6,227	6,241	2.0	-0.2	1.1	6,786	6,189	6,142	6,209	19,117	16,866	13.3
Ferrous metal foundries.....	1,661	1,657	1,796	0.2	-7.7	5.6	1,804	1,667	1,692	1,695	5,163	4,346	18.8
Fabricated metal products.....	23,694	23,465	23,725	1.0	-1.1	1.1	24,713	22,493	21,795	23,793	69,001	63,318	9.0
Machinery.....	25,703	26,353	27,155	-2.5	-3.0	1.6	28,758	24,781	23,723	27,286	77,262	68,484	12.8
Farm machinery.....	1,873	1,881	1,836	-0.4	2.5	-6.9	2,381	2,076	1,591	2,119	6,048	5,144	17.6
Construction machinery.....	2,605	2,723	2,805	-4.3	-2.9	-4.6	3,047	2,631	2,407	2,659	8,085	6,608	22.4
Mining, oil field, and gas field machinery.....	979	971	949	0.8	2.3	1.1	1,068	931	900	889	2,899	2,368	22.4
Industrial machinery.....	2,863	3,123	3,535	-8.3	-11.7	5.3	3,166	2,783	3,222	4,019	9,171	9,373	-2.2
Photographic equipment.....	857	867	866	-1.2	0.1	3.0	892	752	704	963	2,348	2,483	-5.4
Ventilation, heating, air-conditioning, and refrigeration equipment.....	2,987	2,962	2,984	0.8	-0.7	-4.4	3,268	2,547	2,443	3,038	8,258	7,492	10.2
Metalworking machinery.....	2,554	2,632	2,635	-3.0	-0.1	-1.5	2,690	2,212	2,105	2,174	7,007	5,505	27.3
Turbines, generators, and other power transmission equipment.....	3,345	3,459	3,615	-3.3	-4.3	10.9	3,650	3,358	3,195	3,377	10,203	8,898	14.7
Material handling equipment.....	1,768	1,760	1,705	0.5	3.2	5.0	2,094	1,717	1,622	1,766	5,433	4,484	21.2
Computers and electronic products	41,690	41,373	42,082	0.8	-1.7	3.7	46,717	37,598	36,381	43,078	120,696	110,378	9.3
Computers.....	6,659	6,815	6,860	-2.3	-0.7	10.3	6,922	5,895	6,792	5,620	19,609	15,496	26.5
Computer storage devices.....	1,729	1,630	1,691	6.1	-3.6	-1.9	2,488	1,070	1,016	2,339	4,574	4,042	13.2
Other peripheral equipment.....	1,629	1,581	1,642	3.0	-3.7	6.9	2,021	1,312	1,167	1,922	4,500	4,367	3.0
Nondefense communications equipment.....	6,473	6,442	6,590	0.5	-2.2	6.7	7,516	5,634	5,505	7,349	18,655	18,196	2.5
Defense communications equipment.....	648	707	488	-8.3	44.9	-34.6	695	687	443	521	1,825	1,533	19.0
Audio and video equipment.....	803	754	837	6.5	-9.9	0.0	794	712	721	664	2,227	1,792	24.3
Semiconductors	7,198	7,281	7,905	-1.1	-7.9	13.0	7,484	7,144	7,213	7,281	21,841	20,127	8.5
Electronic components.....	5,533	5,300	5,124	4.4	3.4	0.0	5,889	5,043	4,627	4,458	15,559	12,758	22.0
Nondefense search and navigation equipment.....	1,025	959	960	6.9	-0.1	2.8	1,118	927	814	992	2,859	2,583	10.7
Defense search and navigation equipment.....	2,824	2,833	2,690	-0.3	5.3	-2.8	3,070	2,747	2,128	2,732	7,945	7,336	8.3
Electromedical, measuring, and control instruments.....	6,655	6,556	6,736	1.5	-2.7	-2.9	8,174	5,946	5,439	8,595	19,559	20,560	-4.9
Electrical equipment, appliances, and components.....	9,098	9,231	9,381	-1.4	-1.6	4.2	9,756	8,678	8,063	9,447	26,497	24,823	6.7
Electric lighting equipment.....	1,080	1,078	1,128	0.2	-4.4	4.3	1,174	1,067	988	1,223	3,229	3,155	2.3
Household appliances.....	2,113	2,119	2,097	-0.3	1.0	-4.3	2,228	1,951	1,657	2,132	5,836	5,583	4.5
Electrical equipment.....	2,724	2,832	2,901	-3.8	-2.4	9.7	3,067	2,662	2,475	2,942	8,204	7,413	10.7
Batteries.....	509	496	511	2.6	-2.9	4.5	507	410	427	487	1,344	1,328	1.2
Transportation equipment.....	52,404	52,484	54,157	-0.2	-3.1	-1.3	59,312	52,951	47,309	64,414	159,572	167,187	-4.6
Automobiles.....	7,017	7,229	7,369	-2.9	-1.9	-3.5	7,933	7,558	6,780	9,369	22,271	24,188	-7.9
Light trucks and utility vehicles.....	10,184	10,568	10,633	-3.6	-0.6	-12.7	11,858	11,061	9,324	14,721	32,243	37,222	-13.4
Heavy duty trucks	1,368	1,385	1,439	-1.2	-3.8	2.4	1,427	1,343	1,310	1,222	4,080	3,344	22.0
Motor vehicle bodies, parts, and trailers.....	17,483	17,847	18,659	-2.0	-4.4	0.6	18,961	18,330	17,115	21,091	54,406	56,785	-4.2
Nondefense aircraft and parts.....	6,459	5,552	5,977	16.3	-7.1	1.2	8,256	5,182	4,563	7,219	18,001	16,750	7.5
Defense aircraft and parts.....	3,784	3,635	3,792	4.1	-4.1	19.6	4,078	3,276	3,077	4,232	10,431	11,609	-10.1
Ships and boats.....	2,618	2,718	2,931	-3.7	-7.3	17.6	2,835	2,852	2,514	2,549	8,201	6,644	23.4
Furniture and related products.....	6,710	6,670	6,651	0.6	0.3	-0.2	6,932	6,655	6,301	6,159	19,888	18,150	9.6
Miscellaneous durable goods	12,078	11,981	12,284	0.8	-2.5	-0.2	13,298	11,256	10,928	12,813	35,482	33,585	5.6
Nondurable goods industries.....	183,099	178,066	179,824	2.8	-1.0	1.4	187,813	168,472	167,328	172,247	523,613	479,652	9.2
Food products.....	41,406	41,973	42,402	-1.4	-1.0	2.3	41,848	40,170	40,092	39,814	122,110	114,090	7.0
Grain and oilseed milling.....	2,918	2,862	2,958	2.0	-3.2	-2.9	3,003	2,832	2,830	3,577	8,665	10,424	-16.9
Dairy products.....	6,493	6,640	6,792	-2.2	-2.2	3.3	6,783	6,032	6,395	6,509	19,210	17,521	9.6
Meat, poultry, and seafood products.....	13,186	13,262	13,408	-0.6	-1.1	0.9	12,701	12,893	12,796	10,554	38,390	32,461	18.3
Beverage and tobacco products.....	9,233	8,932	9,000	3.4	-0.8	-1.3	9,300	8,305	8,151	9,373	25,756	25,201	2.2
Beverages.....	6,125	6,109	6,064	0.3	0.7	1.0	6,192	5,482	5,215	5,909	16,889	16,412	2.9
Tobacco.....	3,108	2,823	2,936	10.1	-3.8	-5.8	3,108	2,823	2,936	3,464	8,867	8,789	0.9
Textile mills.....	3,348	3,498	3,528	-4.3	-0.9	1.5	3,458	3,469	3,189	3,593	10,116	10,111	0.0
Textile products.....	3,245	3,275	3,300	-0.9	-0.8	3.4	3,347	3,174	2,908	3,278	9,429	9,279	1.6
Apparel.....	4,260	4,390	4,496	-3.0	-2.4	-1.7	4,309	4,425	3,962	4,873	12,696	13,699	-7.3
Leather and allied products.....	916	924	950	-0.9	-2.7	27.0	898	954	833	881	2,685	2,538	5.8
Paper products.....	15,150	14,934	15,140	1.4	-1.4	2.8	15,489	14,441	14,651	14,264	44,581	41,317	7.9
Pulp, paper, and paperboard mills.....	6,309	6,209	6,285	1.6	-1.2	-0.1	6,495	6,012	6,160	6,048	18,667	17,417	7.2
Paperboard containers.....	3,984	3,968	4,025	0.4	-1.4	-2.0	4,010	3,741	3,845	3,747	11,596	10,768	7.7
Printing.....	8,009	7,936	7,995	0.9	-0.7	0.6	8,231	7,375	7,423	8,157	23,029	22,806	1.0
Petroleum and coal products.....	36,466	30,833	31,190	18.3	-1.1	1.3	34,791	27,926	28,236	25,371	90,953	70,831	28.4
Petroleum refineries.....	34,118	28,478	28,542	19.8	-0.2	1.1	32,553	26,047	26,401	23,479	85,001	65,920	28.9
Chemical products.....	43,595	43,749	44,108	-0.4	-0.8	0.8	47,472	41,382	41,535	44,795	130,389	121,401	7.4
Pesticides, fertilizers, and other agricultural chemicals.....	1,782	1,882	1,839	-5.3	2.3	5.1	2,533	1,844	1,536	2,425	5,913	5,333	10.9
Pharmaceuticals and medicines.....	9,344	9,383	9,564	-0.4	-1.9	0.4	9,832	8,397	9,329	10,059	27,558	28,406	-3.0
Paints, coatings, and adhesives.....	2,638	2,529	2,530	4.3	0.0	-1.3	2,823	2,350	2,249	2,896	7,422	7,232	2.6
Plastics and rubber products.....	17,471	17,622	17,715	-0.9	-0.5	0.4	18,670	16,851	16,348	17,848	51,869	48,379	7.2

^P Preliminary ^F 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			
	Mar. 2005 ^p	Feb. 2005 ^r	Jan. 2005	Feb. - Mar.	Jan. - Feb.	Dec. - Jan.	Mar. 2005 ^p	Feb. 2005 ^r	Jan. 2005	Mar. 2004	2005 ^p	2004	Percent 2005/ 2004
All manufacturing industries ²	378,203	377,816	379,848	0.1	-0.5	0.0	403,585	362,941	352,341	392,335	1,118,867	1,051,406	6.4
Excluding transportation ²	329,514	325,270	327,134	1.3	-0.6	1.1	347,161	309,803	303,147	324,956	960,111	880,270	9.1
Excluding defense ²	369,200	369,588	371,565	-0.1	-0.5	0.1	391,224	355,047	343,681	378,090	1,089,952	1,015,454	7.3
With unfilled orders ²	138,845	143,275	143,073	-3.1	0.1	-0.3	153,807	140,441	135,580	155,785	429,828	407,334	5.5
Durable goods industries ²	195,104	199,750	200,024	-2.3	-0.1	-1.2	215,772	194,469	185,013	220,088	595,254	571,754	4.1
Primary metals.....	15,019	14,902	14,810	0.8	0.6	-2.9	16,238	15,380	14,994	15,150	46,612	41,151	13.3
Iron and steel mills.....	7,002	7,101	6,839	-1.4	3.8	-7.2	7,656	7,430	6,737	6,909	21,823	18,402	18.6
Aluminum and nonferrous metals.....	6,360	6,215	6,204	2.3	0.2	0.4	6,800	6,327	6,488	6,512	19,615	18,122	8.2
Ferrous metal foundries.....	1,657	1,586	1,767	4.5	-10.2	3.9	1,782	1,623	1,769	1,729	5,174	4,627	11.8
Fabricated metal products.....	24,098	23,907	24,224	0.8	-1.3	2.5	25,860	23,716	23,038	25,398	72,614	68,448	6.1
Machinery.....	25,583	27,557	27,660	-7.2	-0.4	1.5	28,777	26,674	25,604	28,771	81,055	73,309	10.6
Construction machinery.....	2,489	2,940	3,104	-15.3	-5.3	3.5	2,918	3,081	3,115	2,992	9,114	8,319	9.6
Mining, oil field, and gas field machinery.....	967	1,205	1,003	-19.8	20.1	1.1	1,056	1,165	954	994	3,175	2,609	21.7
Industrial machinery.....	2,810	3,022	3,115	-7.0	-3.0	-2.5	2,976	2,694	3,245	4,016	8,915	10,278	-13.3
Photographic equipment.....	893	844	876	5.8	-3.7	1.3	960	735	743	1,014	2,438	2,604	-6.4
Ventilation, heating, air-conditioning, and refrigeration equipment.....	3,122	2,967	2,854	5.2	4.0	-14.3	3,477	2,574	2,512	3,131	8,563	7,799	9.8
Metalworking machinery.....	2,523	2,722	2,880	-7.3	-5.5	-0.1	2,652	2,454	2,531	2,342	7,637	5,940	28.6
Turbines, generators, and other power transmission equipment.....	3,259	4,022	3,424	-19.0	17.5	0.3	3,480	3,860	3,028	3,910	10,368	9,419	10.1
Material handling equipment.....	1,719	1,978	2,432	-13.1	-18.7	51.1	2,160	2,124	2,290	1,797	6,574	4,538	44.9
Computers and electronic products ²	36,363	35,136	34,775	3.5	1.0	-0.8	41,001	32,647	31,554	37,784	105,202	95,566	10.1
Computers.....	5,926	6,854	6,688	-13.5	2.5	-4.4	5,973	6,099	6,274	5,370	18,346	14,723	24.6
Nondefense communications equipment.....	6,366	7,192	7,218	-11.5	-0.4	24.3	7,535	6,858	7,242	7,229	21,635	19,181	12.8
Defense communications equipment.....	1,742	340	259	412.4	31.3	-85.4	1,789	320	214	505	2,323	1,687	37.7
Semiconductors ²	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	5,499	5,512	5,055	-0.2	9.0	-2.3	5,619	5,454	4,851	4,535	15,924	13,646	16.7
Nondefense search and navigation equipment.....	1,057	980	1,182	7.9	-17.1	2.1	1,208	1,018	1,145	1,070	3,371	2,636	27.9
Defense search and navigation equipment.....	3,237	3,078	2,826	5.2	8.9	12.9	4,090	3,167	2,660	3,486	9,917	9,808	1.1
Electromedical, measuring, and control instruments.....	7,861	6,700	6,818	17.3	-1.7	-2.2	8,938	6,156	5,748	10,059	20,842	22,096	-5.7
Electrical equipment, appliances, and components.....	8,996	9,309	9,868	-3.4	-5.7	13.6	9,492	9,173	8,752	9,643	27,417	25,832	6.1
Electric lighting equipment.....	1,090	1,062	1,136	2.6	-6.5	21.9	1,200	1,034	1,066	1,292	3,300	3,252	1.5
Household appliances.....	1,958	2,077	2,365	-5.7	-12.2	20.8	1,918	2,031	1,919	2,187	5,868	5,610	4.6
Electrical equipment.....	2,756	2,985	3,078	-7.7	-3.0	14.9	3,060	2,985	2,732	2,924	8,777	7,691	14.1
Transportation equipment.....	48,689	52,546	52,714	-7.3	-0.3	-6.3	56,424	53,138	49,194	67,379	158,756	171,136	-7.2
Motor vehicle bodies, parts, and trailers.....	17,372	17,889	18,379	-2.9	-2.7	-0.1	18,691	18,603	17,257	21,168	54,551	57,760	-5.6
Nondefense aircraft and parts.....	5,409	6,998	5,432	-22.7	28.8	-32.2	6,353	6,515	5,053	7,413	17,921	16,308	9.9
Defense aircraft and parts.....	2,218	2,735	2,949	-18.9	-7.3	53.4	3,360	2,618	3,021	4,205	8,999	10,584	-15.0
Ships and boats.....	2,217	2,158	2,270	2.7	-4.9	-37.6	2,355	2,087	2,748	2,064	7,190	7,745	-7.2
Furniture and related products.....	6,821	6,900	6,573	-1.1	5.0	-0.5	7,106	6,843	6,314	6,334	20,263	18,602	8.9
Nondurable goods industries.....	183,099	178,066	179,824	2.8	-1.0	1.4	187,813	168,472	167,328	172,247	523,613	479,652	9.2

^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 Mar. 05/04
	Mar. 2005 ^p	Feb. 2005 ^r	Jan. 2005	Feb. - Mar.	Jan. - Feb.	Dec. - Jan.	Mar. 2005 ^p	Feb. 2005 ^r	Jan. 2005	Mar. 2004	
All manufacturing industries ¹	552,867	554,807	552,015	-0.3	0.5	0.0	561,158	561,497	554,929	525,993	6.7
Excluding transportation ¹	294,007	292,232	289,502	0.6	0.9	0.4	298,175	295,626	289,245	270,763	10.1
Excluding defense ¹	391,414	392,426	387,906	-0.3	1.2	0.4	395,633	397,525	389,425	361,199	9.5
Durable goods industries ¹	552,867	554,807	552,015	-0.3	0.5	0.0	561,158	561,497	554,929	525,993	6.7
Primary metals.....	18,688	18,812	19,036	-0.7	-1.2	-3.3	19,359	19,389	18,956	19,059	1.6
Iron and steel mills.....	10,054	10,181	10,322	-1.2	-1.4	-5.3	10,399	10,421	10,082	10,787	-3.6
Aluminum and nonferrous metals.....	5,990	5,983	5,995	0.1	-0.2	-0.6	6,239	6,225	6,087	5,674	10.0
Ferrous metal foundries.....	2,644	2,648	2,719	-0.2	-2.6	-1.1	2,721	2,743	2,787	2,598	4.7
Fabricated metal products.....	47,417	47,013	46,571	0.9	0.9	1.1	48,231	47,084	45,861	43,151	11.8
Machinery.....	53,107	53,227	52,023	-0.2	2.3	1.0	54,194	54,175	52,282	47,707	13.6
Construction machinery.....	5,407	5,523	5,306	-2.1	4.1	6.0	5,914	6,043	5,593	4,417	33.9
Mining, oil field, and gas field machinery.....	1,778	1,790	1,556	-0.7	15.0	3.6	1,778	1,790	1,556	1,303	36.5
Industrial machinery.....	8,698	8,751	8,852	-0.6	-1.1	-4.5	8,714	8,904	8,993	8,243	5.7
Photographic equipment.....	973	937	960	3.8	-2.4	1.1	997	929	946	948	5.2
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,876	4,741	4,736	2.8	0.1	-2.7	4,937	4,728	4,701	4,554	8.4
Metalworking machinery.....	5,137	5,168	5,078	-0.6	1.8	5.1	5,266	5,304	5,062	4,395	19.8
Turbines, generators, and other power transmission equipment.....	10,265	10,351	9,788	-0.8	5.8	-1.9	10,183	10,353	9,851	9,859	3.3
Material handling equipment.....	6,101	6,150	5,932	-0.8	3.7	14.0	6,354	6,288	5,881	4,915	29.3
Computers and electronic products ¹	145,609	143,738	142,694	1.3	0.7	0.4	147,233	145,465	143,272	134,471	9.5
Computers.....	8,268	9,001	8,962	-8.1	0.4	-1.9	8,012	8,961	8,757	8,032	-0.2
Nondefense communications equipment.....	45,853	45,960	45,210	-0.2	1.7	1.4	46,493	46,474	45,250	47,365	-1.8
Defense communications equipment.....	10,977	9,883	10,250	11.1	-3.6	-2.2	10,977	9,883	10,250	3,543	209.8
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	15,027	15,061	14,849	-0.2	1.4	-0.5	15,067	15,337	14,926	14,817	1.7
Nondefense search and navigation equipment.....	5,521	5,489	5,468	0.6	0.4	4.2	5,649	5,559	5,468	4,634	21.9
Defense search and navigation equipment.....	39,198	38,785	38,540	1.1	0.6	0.4	40,400	39,380	38,960	38,546	4.8
Electromedical, measuring, and control instruments.....	20,765	19,559	19,415	6.2	0.7	0.4	20,635	19,871	19,661	17,534	17.7
Electrical equipment, appliances, and components.....	15,672	15,774	15,696	-0.6	0.5	3.2	15,772	16,036	15,541	14,424	9.3
Electric lighting equipment.....	1,765	1,755	1,771	0.6	-0.9	0.5	1,761	1,735	1,768	1,354	30.1
Household appliances.....	766	921	963	-16.8	-4.4	38.6	744	1,054	974	794	-6.3
Electrical equipment.....	9,367	9,335	9,182	0.3	1.7	2.0	9,368	9,375	9,052	8,551	9.6
Transportation equipment.....	258,860	262,575	262,513	-1.4	0.0	-0.5	262,983	265,871	265,684	255,230	3.0
Motor vehicle bodies, parts, and trailers.....	14,299	14,410	14,368	-0.8	0.3	-1.9	14,810	15,080	14,807	14,595	1.5
Nondefense aircraft and parts.....	116,273	117,323	115,877	-0.9	1.2	-0.5	117,058	118,961	117,628	104,629	11.9
Defense aircraft and parts.....	50,329	51,895	52,795	-3.0	-1.7	-1.6	51,241	51,959	52,617	59,745	-14.2
Ships and boats.....	19,321	19,722	20,282	-2.0	-2.8	-3.2	20,021	20,501	21,266	21,562	-7.1
Furniture and related products.....	6,499	6,388	6,158	1.7	3.7	-1.3	6,371	6,197	6,009	5,808	9.7

^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 Mar. 05/04
	Mar. 2005 ^p	Feb. 2005 ^r	Jan. 2005	Feb. - Mar.	Jan. - Feb.	Dec. - Jan.	Mar. 2005 ^p	Feb. 2005 ^r	Jan. 2005	Mar. 2004	
All manufacturing industries.....	484,084	481,287	478,351	0.6	0.6	1.5	482,764	484,430	475,933	443,371	8.9
Excluding transportation.....	411,869	409,829	407,945	0.5	0.5	1.5	410,998	412,409	406,172	376,069	9.3
Excluding defense.....	458,960	456,393	453,306	0.6	0.7	1.5	457,944	459,336	451,106	419,403	9.2
With unfilled orders.....	228,803	227,473	225,598	0.6	0.8	1.5	227,723	229,252	224,707	206,055	10.5
Durable goods industries.....	291,691	289,964	287,835	0.6	0.7	1.6	290,854	292,796	286,792	264,981	9.8
Wood products.....	10,596	10,528	10,469	0.6	0.6	3.4	11,018	10,880	10,555	10,355	6.4
Nonmetallic mineral products.....	9,830	9,840	9,713	-0.1	1.3	1.3	10,044	10,051	9,732	9,425	6.6
Primary metals.....	23,519	22,915	22,538	2.6	1.7	3.9	23,418	22,970	22,778	17,951	30.5
Iron and steel mills.....	13,896	13,549	13,161	2.6	2.9	5.1	13,725	13,556	13,355	9,304	47.5
Aluminum and nonferrous metals.....	7,509	7,314	7,386	2.7	-1.0	2.1	7,503	7,314	7,417	6,900	8.7
Ferrous metal foundries.....	2,114	2,052	1,991	3.0	3.1	2.4	2,190	2,100	2,006	1,747	25.4
Fabricated metal products.....	36,867	36,653	36,131	0.6	1.4	1.5	37,173	37,038	36,022	31,882	16.6
Machinery.....	47,221	47,151	46,860	0.1	0.6	1.7	47,441	48,003	46,823	42,788	10.9
Farm machinery.....	2,724	2,715	2,634	0.3	3.1	3.7	2,894	2,935	2,754	2,463	17.5
Construction machinery.....	4,426	4,397	4,339	0.7	1.3	0.7	4,529	4,519	4,356	3,873	16.9
Mining, oil field, and gas field machinery.....	2,507	2,452	2,403	2.2	2.0	1.4	2,492	2,420	2,352	2,288	8.9
Industrial machinery.....	7,172	7,259	7,183	-1.2	1.1	1.7	7,148	7,423	7,111	6,803	5.1
Photographic equipment.....	1,435	1,447	1,466	-0.8	-1.3	5.9	1,424	1,453	1,426	1,383	3.0
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,778	4,766	4,643	0.3	2.6	1.4	4,869	4,865	4,548	4,332	12.4
Metalworking machinery.....	4,415	4,426	4,486	-0.2	-1.3	0.1	4,367	4,415	4,441	4,380	-0.3
Turbines, generators, and other power transmission equipment.....	5,221	5,263	5,276	-0.8	-0.2	1.4	5,077	5,276	5,240	4,217	20.4
Material handling equipment.....	2,865	2,821	2,787	1.6	1.2	5.3	2,887	2,837	2,772	2,308	25.1
Computers and electronic products.....	49,458	49,505	49,838	-0.1	-0.7	1.1	48,165	49,686	49,516	46,126	4.4
Computers.....	2,833	2,776	2,809	2.1	-1.2	2.6	2,709	2,722	2,658	2,389	13.4
Computer storage devices.....	1,409	1,370	1,356	2.8	1.0	0.4	1,306	1,415	1,328	1,107	18.0
Other peripheral equipment.....	2,473	2,440	2,389	1.4	2.1	0.4	2,329	2,444	2,370	2,113	10.2
Nondefense communications equipment.....	9,538	9,689	9,843	-1.6	-1.6	1.0	9,244	9,746	9,812	9,013	2.6
Defense communications equipment.....	1,085	1,112	1,298	-2.4	-14.3	-2.7	1,085	1,112	1,298	1,306	-16.9
Audio and video equipment.....	1,223	1,194	1,146	2.4	4.2	0.5	1,018	1,130	1,132	772	31.9
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	8,157	8,060	8,072	1.2	-0.1	0.6	8,042	8,081	8,155	7,570	6.2
Nondefense search and navigation equipment.....	2,663	2,652	2,598	0.4	2.1	-0.6	2,644	2,657	2,602	2,450	7.9
Defense search and navigation equipment.....	2,773	2,913	2,920	-4.8	-0.2	1.6	2,700	2,918	2,895	2,785	-3.1
Electromedical, measuring and control instruments.....	10,379	10,432	10,474	-0.5	-0.4	0.7	10,261	10,619	10,450	9,977	2.8
Electrical equipment, appliances, and components.....	13,304	13,167	13,136	1.0	0.2	1.0	13,476	13,469	13,106	12,535	7.5
Electric lighting equipment.....	1,509	1,512	1,503	-0.2	0.6	0.5	1,499	1,522	1,477	1,404	6.8
Household appliances.....	2,376	2,363	2,362	0.6	0.0	0.6	2,430	2,449	2,339	2,199	10.5
Electrical equipment.....	4,663	4,568	4,545	2.1	0.5	0.8	4,719	4,694	4,614	4,351	8.5
Batteries.....	617	611	609	1.0	0.3	2.9	614	598	571	592	3.7
Transportation equipment.....	72,215	71,458	70,406	1.1	1.5	1.7	71,766	72,021	69,761	67,302	6.6
Automobiles.....	2,039	2,050	2,290	-0.5	-10.5	9.3	1,982	2,080	2,256	1,943	2.0
Light trucks and utility vehicles.....	2,816	2,635	2,476	6.9	6.4	-2.5	2,782	2,630	2,378	2,402	15.8
Heavy duty trucks.....	938	911	889	3.0	2.5	1.5	938	921	885	766	22.5
Motor vehicle bodies, parts, and trailers.....	16,914	16,789	16,539	0.7	1.5	2.1	17,098	16,960	16,634	15,956	7.2
Nondefense aircraft and parts.....	24,403	24,423	23,690	-0.1	3.1	2.0	24,116	24,532	23,285	23,225	3.8
Defense aircraft and parts.....	12,740	12,309	12,336	3.5	-0.2	0.5	12,534	12,568	12,272	11,409	9.9
Ships and boats.....	3,383	3,333	3,341	1.5	-0.2	1.6	3,406	3,339	3,334	3,176	7.2
Furniture and related products.....	8,558	8,586	8,573	-0.3	0.2	0.2	8,372	8,443	8,496	7,492	11.7
Miscellaneous durable goods.....	20,123	20,161	20,171	-0.2	0.0	0.3	19,981	20,235	20,003	19,125	4.5
Nondurable goods industries.....	192,393	191,323	190,516	0.6	0.4	1.3	191,910	191,634	189,141	178,390	7.6
Food products.....	34,079	34,087	33,894	0.0	0.6	0.0	33,421	34,024	33,691	32,845	1.8
Grain and oilseed milling.....	2,767	2,738	2,652	1.1	3.2	-0.5	2,908	2,923	2,790	3,490	-16.7
Dairy products.....	3,957	3,948	3,967	0.2	-0.5	0.4	3,959	3,906	3,854	3,730	6.1
Meat, poultry, and seafood products.....	6,431	6,472	6,373	-0.6	1.6	0.0	6,461	6,469	6,203	6,250	3.4
Beverage and tobacco products.....	14,808	14,813	14,916	0.0	-0.7	1.7	14,824	15,029	15,174	14,711	0.8
Beverages.....	10,339	10,318	10,366	0.2	-0.5	2.4	10,353	10,306	10,356	10,149	2.0
Tobacco.....	4,469	4,495	4,550	-0.6	-1.2	0.1	4,471	4,723	4,818	4,562	-2.0
Textile mills.....	4,587	4,663	4,712	-1.6	-1.0	-1.0	4,570	4,696	4,704	4,900	-6.7
Textile products.....	5,433	5,433	5,395	0.0	0.7	1.8	5,419	5,453	5,393	5,079	6.7
Apparel.....	7,419	7,427	7,329	-0.1	1.3	1.1	7,200	7,310	7,296	6,724	7.1
Leather and allied products.....	1,721	1,715	1,804	0.3	-4.9	4.6	1,677	1,712	1,809	1,626	3.1
Paper products.....	15,375	15,342	15,247	0.2	0.6	1.9	15,436	15,482	15,327	14,318	7.8
Pulp, paper, and paperboard mills.....	6,635	6,580	6,485	0.8	1.5	2.1	6,682	6,673	6,524	6,275	6.5
Paperboard containers.....	4,595	4,603	4,601	-0.2	0.0	1.4	4,565	4,640	4,661	4,021	13.5
Printing.....	6,822	6,767	6,654	0.8	1.7	-2.6	6,626	6,539	6,309	6,013	10.2
Petroleum and coal products.....	19,786	19,210	18,994	3.0	1.1	8.4	19,518	18,698	18,207	15,982	22.1
Petroleum refineries.....	17,883	17,329	17,191	3.2	0.8	9.5	17,590	16,851	16,477	14,341	22.7
Chemical products.....	57,702	57,412	57,349	0.5	0.1	0.0	58,008	57,734	56,813	55,050	5.4
Pesticides, fertilizers, and other agricultural chemicals.....	2,521	2,519	2,509	0.1	0.4	0.8	2,936	2,978	2,823	2,705	8.5
Pharmaceuticals and medicines.....	21,985	22,046	22,383	-0.3	-1.5	-1.2	21,720	21,596	21,428	22,708	-4.4
Paints, coatings, and adhesives.....	2,998	2,962	2,921	1.2	1.4	-0.4	3,098	3,017	2,916	2,848	8.8
Plastics and rubber products.....	24,661	24,454	24,222	0.8	1.0	1.9	25,211	24,957	24,418	21,142	19.2

^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 Series ¹

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted ²						
	Monthly			Percent Change			Monthly			Year to date		Percent Change ⁶ 2005/ 2004	
	Mar. 2005 ^p	Feb. 2005 ^r	Jan. 2005	Feb. - Mar.	Jan. - Feb.	Dec. - Jan.	Mar. 2005 ^p	Feb. 2005 ^r	Jan. 2005	Mar. 2004	2005 ^p		2004
SHIPMENTS													
All manufacturing industries	387,341	382,305	387,936	1.3	-1.5	1.1	411,408	363,517	351,469	390,300	1,126,394	1,047,956	7.5
Construction materials and supplies.....	41,265	40,755	40,943	1.3	-0.5	-0.1	42,351	37,212	35,563	40,365	115,126	105,403	9.2
Information technology.....	32,488	32,365	32,663	0.4	-0.9	2.4	37,016	28,751	27,761	34,965	93,528	87,320	7.1
Computers and related products	10,017	10,026	10,193	-0.1	-1.6	7.5	11,431	8,277	8,975	9,881	28,683	23,905	20.0
Motor vehicle and parts.....	36,052	37,029	38,100	-2.6	-2.8	-4.2	40,179	38,292	34,529	46,403	113,000	121,539	-7.0
Capital goods.....	75,193	75,046	76,685	0.2	-2.1	2.3	84,631	69,572	65,906	80,199	220,109	203,914	7.9
Nondefense capital goods ³	67,009	66,771	68,610	0.4	-2.7	2.6	75,715	61,652	59,318	71,187	196,685	178,966	9.9
Excluding aircraft.....	64,186	64,691	66,396	-0.8	-2.6	3.6	71,905	59,655	58,014	67,723	189,574	171,727	10.4
Defense capital goods ⁴	8,184	8,275	8,075	-1.1	2.5	0.0	8,916	7,920	6,588	9,012	23,424	24,948	-6.1
Consumer goods.....	148,845	144,109	145,300	3.3	-0.8	-0.1	153,057	138,324	134,395	144,802	425,776	400,022	6.4
Consumer durable goods.....	34,258	34,908	35,077	-1.9	-0.5	-5.7	38,556	35,320	31,111	41,691	104,987	108,049	-2.8
Consumer nondurable goods.....	114,587	109,201	110,223	4.9	-0.9	1.8	114,501	103,004	103,284	103,111	320,789	291,973	9.9
NEW ORDERS													
All manufacturing industries ⁵	378,203	377,816	379,848	0.1	-0.5	0.0	403,585	362,941	352,341	392,335	1,118,867	1,051,406	6.4
Construction materials and supplies.....	41,687	41,029	41,042	1.6	0.0	-0.3	43,440	38,078	36,283	41,687	117,801	109,453	7.6
Information technology.....	34,440	33,157	33,374	3.9	-0.7	0.0	39,149	30,641	30,054	37,016	99,844	92,475	8.0
Computers and related products	9,284	10,065	10,021	-7.8	0.4	-2.3	10,482	8,481	8,457	9,631	27,420	23,132	18.5
Motor vehicle and parts.....	35,941	37,071	37,820	-3.0	-2.0	-4.5	39,909	38,565	34,671	46,480	113,145	122,514	-7.6
Capital goods.....	74,044	77,227	77,044	-4.1	0.2	0.1	84,779	73,456	71,467	86,205	229,702	216,787	6.0
Nondefense capital goods ³	66,120	70,028	70,286	-5.6	-0.4	1.1	73,744	66,624	64,465	73,524	204,833	184,686	10.9
Excluding aircraft.....	64,085	66,776	68,231	-4.0	-2.1	4.4	71,575	63,568	62,285	70,758	197,428	178,876	10.4
Defense capital goods ⁴	7,924	7,199	6,758	10.1	6.5	-9.8	11,035	6,832	7,002	12,681	24,869	32,101	-22.5
Consumer goods.....	148,281	143,911	145,380	3.0	-1.0	0.1	152,330	138,282	134,732	144,857	425,344	400,231	6.3
Consumer durable goods.....	33,694	34,710	35,157	-2.9	-1.3	-4.9	37,829	35,278	31,448	41,746	104,555	108,258	-3.4
Consumer nondurable goods.....	114,587	109,201	110,223	4.9	-0.9	1.8	114,501	103,004	103,284	103,111	320,789	291,973	9.9
UNFILLED ORDERS													
All manufacturing industries ⁵	552,867	554,807	552,015	-0.3	0.5	0.0	561,158	561,497	554,929	525,993	(X)	(X)	6.7
Construction materials and supplies.....	38,692	38,270	37,996	1.1	0.7	0.3	39,249	38,160	37,294	35,919	(X)	(X)	9.3
Information technology.....	135,329	133,377	132,585	1.5	0.6	0.5	137,062	134,929	133,039	124,327	(X)	(X)	10.2
Computers and related products	8,268	9,001	8,962	-8.1	0.4	-1.9	8,012	8,961	8,757	8,032	(X)	(X)	-0.2
Motor vehicle and parts.....	14,299	14,410	14,368	-0.8	0.3	-1.9	14,810	15,080	14,807	14,595	(X)	(X)	1.5
Capital goods.....	394,464	395,613	393,432	-0.3	0.6	0.1	400,508	400,360	396,476	370,670	(X)	(X)	8.0
Nondefense capital goods ³	248,891	249,780	246,523	-0.4	1.3	0.7	251,186	253,157	248,185	225,267	(X)	(X)	11.5
Excluding aircraft.....	156,653	156,754	154,669	-0.1	1.3	1.2	158,163	158,493	154,580	146,433	(X)	(X)	8.0
Defense capital goods ⁴	145,573	145,833	146,909	-0.2	-0.7	-0.9	149,322	147,203	148,291	145,403	(X)	(X)	2.7
Consumer goods.....	13,468	14,032	14,230	-4.0	-1.4	0.6	13,496	14,223	14,265	12,820	(X)	(X)	5.3
Consumer durable goods.....	13,468	14,032	14,230	-4.0	-1.4	0.6	13,496	14,223	14,265	12,820	(X)	(X)	5.3
TOTAL INVENTORIES													
All manufacturing industries	484,084	481,287	478,351	0.6	0.6	1.5	482,764	484,430	475,933	443,371	(X)	(X)	8.9
Construction materials and supplies.....	53,566	53,251	52,405	0.6	1.6	1.6	54,572	54,223	52,282	48,154	(X)	(X)	13.3
Information technology.....	40,377	40,563	40,819	-0.5	-0.6	0.9	39,343	40,845	40,473	37,751	(X)	(X)	4.2
Computers and related products	6,715	6,586	6,554	2.0	0.5	1.3	6,344	6,581	6,356	5,609	(X)	(X)	13.1
Motor vehicle and parts.....	22,707	22,385	22,194	1.4	0.9	2.2	22,800	22,591	22,153	21,067	(X)	(X)	8.2
Capital goods.....	133,230	133,111	132,463	0.1	0.5	1.2	132,091	134,350	131,507	124,028	(X)	(X)	6.5
Nondefense capital goods ³	113,533	113,142	112,372	0.3	0.7	1.3	112,611	114,289	111,556	104,517	(X)	(X)	7.7
Excluding aircraft.....	95,944	95,720	95,500	0.2	0.2	1.2	95,210	96,732	94,979	87,786	(X)	(X)	8.5
Defense capital goods ⁴	19,697	19,969	20,091	-1.4	-0.6	0.8	19,480	20,061	19,951	19,511	(X)	(X)	-0.2
Consumer goods.....	145,096	144,463	144,499	0.4	0.0	1.6	143,307	143,948	142,770	136,569	(X)	(X)	4.9
Consumer durable goods.....	30,103	29,988	30,076	0.4	-0.3	0.8	29,729	30,256	29,976	27,481	(X)	(X)	8.2
Consumer nondurable goods.....	114,993	114,475	114,423	0.5	0.0	1.8	113,578	113,692	112,794	109,088	(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 Mar. 05/04
	Mar. 2005 ^p	Feb. 2005 ^f	Jan. 2005	Feb. - Mar.	Jan. - Feb.	Dec. - Jan.	Mar. 2005 ^p	Feb. 2005 ^f	Jan. 2005	Mar. 2004	
<u>MATERIALS AND SUPPLIES</u>											
All manufacturing industries	158,952	157,497	157,310	0.9	0.1	1.6	158,612	158,115	157,947	145,160	9.3
Durable goods industries	96,130	95,267	95,351	0.9	-0.1	1.7	95,614	95,799	95,905	85,344	12.0
Wood products.....	3,925	3,888	3,851	1.0	1.0	2.9	3,858	3,958	4,038	3,719	3.7
Nonmetallic mineral products.....	3,479	3,415	3,417	1.9	-0.1	1.5	3,463	3,391	3,422	3,287	5.4
Primary metals.....	9,214	8,782	8,627	4.9	1.8	1.3	8,941	8,655	8,776	6,206	44.1
Fabricated metal products.....	14,403	14,472	14,128	-0.5	2.4	2.2	14,440	14,560	14,139	11,556	25.0
Machinery.....	14,276	14,303	14,243	-0.2	0.4	1.8	14,200	14,380	14,369	12,479	13.8
Computers and electronic products	16,765	17,050	17,378	-1.7	-1.9	0.9	16,676	17,299	17,345	16,704	-0.2
Electrical equipment, appliances, and components.....	5,048	4,961	4,930	1.8	0.6	0.3	5,086	5,080	4,979	4,605	10.4
Transportation equipment.....	18,402	17,979	18,271	2.4	-1.6	3.5	18,392	18,066	18,316	17,498	5.1
Furniture and related products.....	3,620	3,571	3,626	1.4	-1.5	-1.3	3,617	3,551	3,627	3,133	15.4
Miscellaneous products.....	6,998	6,846	6,880	2.2	-0.5	0.5	6,941	6,859	6,894	6,157	12.7
Nondurable goods industries.....	62,822	62,230	61,959	1.0	0.4	1.4	62,998	62,316	62,042	59,816	5.3
Food products.....	9,391	9,371	9,409	0.2	-0.4	-1.8	9,462	9,503	9,531	10,285	-8.0
Beverage and tobacco products.....	5,038	5,100	5,172	-1.2	-1.4	0.8	5,132	5,257	5,416	5,410	-5.1
Textiles.....	1,349	1,342	1,385	0.5	-3.1	1.8	1,355	1,348	1,384	1,366	-0.8
Textile products.....	1,961	1,941	1,946	1.0	-0.3	0.2	1,949	1,938	1,947	1,790	8.9
Apparel.....	1,633	1,646	1,631	-0.8	0.9	0.1	1,611	1,634	1,627	1,602	0.6
Leather and allied products.....	458	463	486	-1.1	-4.7	1.9	441	452	476	432	2.1
Paper products.....	6,542	6,507	6,483	0.5	0.4	2.3	6,539	6,528	6,506	6,509	0.5
Printing	3,022	2,959	2,945	2.1	0.5	-4.0	3,000	2,882	2,862	2,709	10.7
Petroleum and coal products.....	6,234	5,880	5,929	6.0	-0.8	6.5	6,222	5,704	5,654	5,149	20.8
Chemical products.....	18,276	18,261	17,859	0.1	2.3	1.4	18,281	18,220	17,815	17,104	6.9
Plastics and rubber products.....	8,918	8,760	8,714	1.8	0.5	3.4	9,006	8,850	8,824	7,460	20.7
<u>WORK IN PROCESS</u>											
All manufacturing industries	136,158	136,304	134,338	-0.1	1.5	0.8	135,252	136,734	133,171	128,725	5.1
Durable goods industries	104,351	104,536	103,247	-0.2	1.2	1.4	103,659	105,108	102,261	97,005	6.9
Wood products.....	2,122	2,062	2,026	2.9	1.8	3.1	2,137	2,065	2,024	2,035	5.0
Nonmetallic mineral products.....	1,127	1,141	1,146	-1.2	-0.4	-0.4	1,192	1,197	1,149	1,285	-7.2
Primary metals.....	7,331	7,496	7,498	-2.2	0.0	8.6	7,332	7,511	7,509	6,198	18.3
Fabricated metal products.....	10,641	10,466	10,318	1.7	1.4	0.6	10,661	10,506	10,245	9,554	11.6
Machinery.....	16,251	16,248	16,241	0.0	0.0	2.8	16,026	16,284	15,818	14,763	8.6
Computers and electronic products	19,394	19,386	19,376	0.0	0.1	0.0	18,711	19,183	19,139	17,948	4.3
Electrical equipment, appliances, and components.....	3,068	3,068	3,101	0.0	-1.1	1.4	3,101	3,128	3,091	2,954	5.0
Transportation equipment.....	39,404	39,402	38,624	0.0	2.0	0.6	39,475	39,999	38,487	37,508	5.2
Furniture and related products.....	1,647	1,692	1,633	-2.7	3.6	3.4	1,646	1,683	1,633	1,555	5.9
Miscellaneous products.....	3,366	3,575	3,284	-5.8	8.9	-2.7	3,378	3,552	3,166	3,205	5.4
Nondurable goods industries.....	31,807	31,768	31,091	0.1	2.2	-1.2	31,593	31,626	30,910	31,720	-0.4
Food products.....	3,327	3,679	3,471	-9.6	6.0	-0.8	3,248	3,734	3,579	2,971	9.3
Beverage and tobacco products.....	4,905	4,862	4,893	0.9	-0.6	0.7	4,858	4,947	5,102	4,687	3.6
Textiles.....	1,207	1,226	1,232	-1.5	-0.5	-0.5	1,205	1,242	1,249	1,288	-6.4
Textile products.....	669	672	676	-0.4	-0.6	1.2	669	674	671	693	-3.5
Apparel.....	1,102	1,078	1,072	2.2	0.6	-1.6	1,084	1,060	1,074	1,160	-6.6
Leather and allied products.....	167	167	166	0.0	0.6	1.8	170	171	177	180	-5.6
Paper products.....	1,385	1,350	1,298	2.6	4.0	0.3	1,366	1,332	1,321	1,139	19.9
Printing	1,798	1,834	1,731	-2.0	6.0	-4.5	1,706	1,772	1,602	1,620	5.3
Petroleum and coal products.....	3,934	3,767	3,551	4.4	6.1	4.9	3,996	3,672	3,351	4,520	-11.6
Chemical products.....	10,472	10,302	10,237	1.7	0.6	-4.2	10,368	10,139	9,960	10,917	-5.0
Plastics and rubber products.....	2,841	2,831	2,764	0.4	2.4	0.1	2,923	2,883	2,824	2,545	14.9
<u>FINISHED GOODS</u>											
All manufacturing industries	188,974	187,486	186,703	0.8	0.4	1.9	188,900	189,581	184,815	169,486	11.5
Durable goods industries	91,210	90,161	89,237	1.2	1.0	1.7	91,581	91,889	88,626	82,632	10.8
Wood products.....	4,549	4,578	4,592	-0.6	-0.3	3.9	5,023	4,857	4,493	4,601	9.2
Nonmetallic mineral products.....	5,224	5,284	5,150	-1.1	2.6	1.6	5,389	5,463	5,161	4,853	11.0
Primary metals.....	6,974	6,637	6,413	5.1	3.5	2.2	7,145	6,804	6,493	5,547	28.8
Fabricated metal products.....	11,823	11,715	11,685	0.9	0.3	1.5	12,072	11,972	11,638	10,772	12.1
Machinery.....	16,694	16,600	16,376	0.6	1.4	0.6	17,215	17,339	16,636	15,546	10.7
Computers and electronic products	13,299	13,069	13,084	1.8	-0.1	2.9	12,778	13,204	13,032	11,474	11.4
Electrical equipment, appliances, and components.....	5,188	5,138	5,105	1.0	0.6	1.5	5,289	5,261	5,036	4,976	6.3
Transportation equipment.....	14,409	14,077	13,511	2.4	4.2	2.2	13,899	13,956	12,958	12,296	13.0
Furniture and related products.....	3,291	3,323	3,314	-1.0	0.3	0.3	3,109	3,209	3,236	2,804	10.9
Miscellaneous products.....	9,759	9,740	10,007	0.2	-2.7	1.2	9,662	9,824	9,943	9,763	-1.0
Nondurable goods industries.....	97,764	97,325	97,466	0.5	-0.1	2.1	97,319	97,692	96,189	86,854	12.0
Food products.....	21,361	21,037	21,014	1.5	0.1	1.0	20,711	20,787	20,581	19,589	5.7
Beverage and tobacco products.....	4,865	4,851	4,851	0.3	0.0	3.6	4,834	4,825	4,656	4,614	4.8
Textiles.....	2,031	2,095	2,095	-3.1	0.0	-3.0	2,010	2,106	2,071	2,246	-10.5
Textile products.....	2,803	2,820	2,773	-0.6	1.7	3.0	2,801	2,841	2,775	2,596	7.9
Apparel.....	4,684	4,703	4,626	-0.4	1.7	2.2	4,505	4,616	4,595	3,962	13.7
Leather and allied products.....	1,096	1,085	1,152	1.0	-5.8	6.2	1,066	1,089	1,156	1,014	5.1
Paper products.....	7,448	7,485	7,466	-0.5	0.3	1.9	7,531	7,622	7,500	6,670	12.9
Printing	2,002	1,974	1,978	1.4	-0.2	1.5	1,920	1,885	1,845	1,684	14.0
Petroleum and coal products.....	9,618	9,563	9,514	0.6	0.5	10.9	9,300	9,322	9,202	6,313	47.3
Chemical products.....	28,954	28,849	29,253	0.4	-1.4	0.6	29,359	29,375	29,038	27,029	8.6
Plastics and rubber products.....	12,902	12,863	12,744	0.3	0.9	1.4	13,282	13,224	12,770	11,137	19.3

^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			
	Mar 2005 ^p	Feb 2005 ^f	Jan 2005	Dec 2004	Mar 2005 ^p	Feb 2005 ^f	Jan 2005	Dec 2004
All manufacturing industries ²	1.25	1.26	1.23	1.23	(X)	(X)	(X)	(X)
Durable goods industries ²	1.43	1.42	1.38	1.37	3.93	3.95	3.85	3.93
Wood products.....	1.12	1.11	1.13	1.07	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.19	1.21	1.22	1.19	(X)	(X)	(X)	(X)
Primary metals.....	1.55	1.51	1.46	1.41	1.23	1.24	1.23	1.28
Fabricated metal products.....	1.56	1.56	1.52	1.52	2.07	2.08	2.03	2.04
Machinery.....	1.84	1.79	1.73	1.72	2.29	2.24	2.11	2.14
Computers and electronic products ² ..	1.19	1.20	1.18	1.22	4.88	4.85	4.85	4.92
Electrical equipment, appliances, and components.....	1.46	1.43	1.40	1.44	1.82	1.81	1.77	1.79
Transportation equipment.....	1.38	1.36	1.30	1.26	7.65	7.88	7.56	7.84
Furniture and related products.....	1.28	1.29	1.29	1.28	1.10	1.09	1.05	1.06
Miscellaneous products.....	1.67	1.68	1.64	1.63	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.05	1.07	1.06	1.06	(X)	(X)	(X)	(X)
Food products.....	0.82	0.81	0.80	0.82	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.60	1.66	1.66	1.61	(X)	(X)	(X)	(X)
Textiles.....	1.37	1.33	1.34	1.37	(X)	(X)	(X)	(X)
Textile products.....	1.67	1.66	1.63	1.66	(X)	(X)	(X)	(X)
Apparel.....	1.74	1.69	1.63	1.58	(X)	(X)	(X)	(X)
Leather and allied products.....	1.88	1.86	1.90	2.31	(X)	(X)	(X)	(X)
Paper products.....	1.01	1.03	1.01	1.02	(X)	(X)	(X)	(X)
Printing.....	0.85	0.85	0.83	0.86	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.54	0.62	0.61	0.57	(X)	(X)	(X)	(X)
Chemical products.....	1.32	1.31	1.30	1.31	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.41	1.39	1.37	1.35	(X)	(X)	(X)	(X)

^p Preliminary

^f 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	
	Mar ¹ 2005	Mar ² 2004-Feb 2005	Mar ¹ 2005	Mar ² 2004-Feb 2005	Mar ¹ 2005	Mar ² 2004-Feb 2005	Mar ¹ 2005	Mar ² 2004-Feb 2005
All manufacturing industries.....	(X)	0.3	(X)	0.4	(X)	0.1	(X)	0.2
Durable goods industries.....	0.2	0.3	0.5	0.5	0.2	0.1	0.2	0.2
Wood products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.5
Nonmetallic mineral products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.3
Primary metals.....	-0.1	0.7	-0.2	1.3	-0.1	0.6	0.0	0.4
Fabricated metal products.....	0.1	0.3	0.9	0.9	0.0	0.4	0.0	0.3
Machinery.....	0.3	0.6	0.4	1.2	0.1	0.5	-0.1	0.2
Computers and electronic products.....	0.5	0.6	1.3	1.3	0.3	0.2	-0.2	0.3
Electrical equipment, appliances, and components.....	-0.1	0.4	0.0	0.6	0.3	0.4	0.0	0.4
Transportation equipment.....	0.0	0.3	0.5	0.6	0.1	0.1	0.9	0.2
Furniture and related products.....	(X)	0.7	(X)	0.8	(X)	0.7	(X)	0.3
Miscellaneous products.....	(X)	0.6	(X)	0.7	(X)	0.5	(X)	0.4
Nondurable goods industries.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.2
Food products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.3
Beverage and tobacco products.....	(X)	0.6	(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)	1.2	(X)	(NA)	(X)	(NA)	(X)	0.5
Leather and allied products.....	(X)	1.5	(X)	(NA)	(X)	(NA)	(X)	1.0
Paper products.....	(X)	0.4	(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)	0.7
Chemical products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.4
Plastics and rubber products.....	(X)	0.4	(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>.

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	