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

Summary

New orders for manufactured goods in April increased \$3.3 billion or 0.9 percent to \$383.6 billion, the U.S. Census Bureau reported today. This was at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 0.7 percent March increase.

Shipments, up six of the last seven months, increased \$2.7 billion or 0.7 percent to \$390.9 billion. This was also at the highest level since the series began and followed a 1.6 percent March increase.

Unfilled orders, up two of the last three months, increased slightly to \$554.0 billion. This followed a 0.2 percent March decrease. The unfilled orders-to-shipments ratio was 3.86, down from 3.92 in March.

Inventories, up seventeen consecutive months, increased \$0.6 billion or 0.1 percent to \$485.2 billion. This was also at the highest level since the series began and followed a 0.7 percent March increase. The inventories-to-shipments ratio was 1.24, down from 1.25 in March.

New Orders

New orders for manufactured durable goods in April, up following three consecutive monthly decreases, increased \$3.7 billion or 1.9 percent to \$200.6 billion, unchanged from the previously published 1.9 percent increase. This followed a 1.5 percent March decrease.

Transportation equipment, up following four consecutive monthly decreases, had the largest increase, \$4.1 billion or 8.2 percent to \$53.6 billion, due to nondefense aircraft and parts, which increased \$1.6 billion.

New orders for manufactured nondurable goods decreased \$0.4 billion or 0.2 percent to \$183.0 billion.

Shipments

Shipments of manufactured durable goods in April, up six of the last seven months, increased \$3.1 billion or 1.5 percent to \$207.9 billion, revised from the previously

published 1.6 percent increase. This followed a 0.3 percent March increase.

Transportation equipment, up two consecutive months, had the largest increase, \$1.9 billion or 3.7 percent to \$54.6 billion.

Shipments of manufactured nondurable goods decreased \$0.4 billion or 0.2 percent to \$183.0 billion, due to petroleum and coal products, which decreased \$2.0 billion.

Unfilled Orders

Unfilled orders of manufactured durable goods in April, up two of the last three months, increased slightly to \$554.0 billion, revised from the previously published slight decrease. This followed a 0.2 percent March decrease.

Machinery, up twenty of the last twenty-one months, had the largest increase, \$0.7 billion or 1.3 percent to \$54.4 billion.

Inventories

Inventories of manufactured durable goods in April, up seventeen consecutive months, increased \$0.4 billion or 0.1 percent to \$292.2 billion, unchanged from the previously published 0.1 percent increase. This followed a 0.6 percent March increase.

Machinery, up seventeen consecutive months, had the largest increase, \$0.3 billion or 0.7 percent to \$47.7 billion.

Inventories of manufactured nondurable goods, up six of the last seven months, increased \$0.2 billion or 0.1 percent to \$193.0 billion. This was also at the highest level since the series began.

By stage of fabrication, April materials and supplies increased 0.5 percent in durable goods and decreased 0.3 percent in nondurable goods. Work in process decreased 0.8 percent in durable goods and 2.2 percent in nondurable goods. Finished goods increased 0.9 percent in durable goods and 1.1 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 May is scheduled for release on June 24, 2005, at 8:30 a.m. EDT and the full report on July 5, 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		
	Apr. 2005 ^P	Mar. 2005 ^r	Feb. 2005	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2005 ^P	Mar. 2005 ^r	Feb. 2005	Apr. 2004	2005 ^P	2004	Percent 2005/2004
All manufacturing industries	390,946	388,289	382,305	0.7	1.6	-1.5	387,756	412,122	363,517	360,275	1,514,864	1,408,231	7.6
Excluding transportation	336,388	335,671	329,821	0.2	1.8	-1.2	333,337	352,983	310,566	306,336	1,301,046	1,187,105	9.6
Excluding defense	380,903	378,338	372,349	0.7	1.6	-1.5	378,158	401,310	354,091	351,325	1,477,028	1,370,166	7.8
With unfilled orders	143,626	141,485	140,483	1.5	0.7	-1.9	141,493	154,750	133,873	130,738	557,611	514,495	8.4
Durable goods industries	207,897	204,816	204,239	1.5	0.3	-1.9	205,014	224,252	195,045	193,518	808,452	761,822	6.1
Wood products.....	9,348	9,383	9,454	-0.4	-0.8	2.2	9,549	9,419	8,502	9,704	35,107	33,555	4.6
Nonmetallic mineral products.....	8,295	8,267	8,102	0.3	2.0	1.7	8,492	8,353	7,184	7,808	31,130	28,242	10.2
Primary metals.....	15,047	15,121	15,126	-0.5	0.0	-2.1	15,436	16,308	14,947	13,761	61,594	51,855	18.8
Iron and steel mills.....	6,973	7,104	7,242	-1.8	-1.9	-2.4	7,159	7,687	7,091	6,289	29,006	23,171	25.2
Aluminum and nonferrous metals.....	6,341	6,342	6,227	0.0	1.8	-0.2	6,476	6,831	6,189	5,876	25,638	22,742	12.7
Ferrous metal foundries.....	1,733	1,675	1,657	3.5	1.1	-7.7	1,801	1,790	1,667	1,596	6,950	5,942	17.0
Fabricated metal products.....	24,300	23,777	23,465	2.2	1.3	-1.1	24,122	24,697	22,493	22,559	93,107	85,877	8.4
Machinery.....	26,136	25,746	26,353	1.5	-2.3	-3.0	27,513	28,896	24,781	25,278	104,913	93,762	11.9
Farm machinery.....	2,101	1,877	1,881	11.9	-0.2	2.5	2,692	2,361	2,076	2,187	8,720	7,331	18.9
Construction machinery.....	2,769	2,730	2,723	1.4	0.3	-2.9	3,114	3,221	2,631	2,533	11,373	9,141	24.4
Mining, oil field, and gas field machinery.....	1,041	1,001	971	4.0	3.1	2.3	1,026	1,090	931	798	3,947	3,166	24.7
Industrial machinery.....	2,838	2,829	3,123	0.3	-9.4	-11.7	2,910	3,135	2,783	3,315	12,050	12,688	-5.0
Photographic equipment.....	857	858	867	-0.1	-1.0	0.1	805	894	752	884	3,155	3,367	-6.3
Ventilation, heating, air-conditioning, and refrigeration equipment.....	2,930	2,957	2,962	-0.9	-0.2	-0.7	2,830	3,247	2,547	2,702	11,067	10,194	8.6
Metalworking machinery.....	2,420	2,549	2,632	-5.1	-3.2	-0.1	2,187	2,712	2,212	1,848	9,216	7,353	25.3
Turbines, generators, and other power transmission equipment.....	3,433	3,355	3,459	2.3	-3.0	-4.3	3,518	3,648	3,358	3,152	13,719	12,050	13.9
Material handling equipment.....	1,805	1,782	1,760	1.3	1.3	3.2	1,830	2,097	1,717	1,501	7,266	5,985	21.4
Computers and electronic products	41,944	42,034	41,373	-0.2	1.6	-1.7	38,084	47,437	37,598	35,041	159,500	145,419	9.7
Computers.....	7,706	6,918	6,815	11.4	1.5	-0.7	7,836	6,922	5,895	5,780	27,445	21,276	29.0
Computer storage devices.....	1,571	1,686	1,630	-6.8	3.4	-3.6	951	2,488	1,070	853	5,525	4,895	12.9
Other peripheral equipment.....	1,573	1,651	1,581	-4.7	4.4	-3.7	1,232	2,079	1,312	1,288	5,790	5,655	2.4
Nondefense communications equipment.....	5,953	6,664	6,442	-10.7	3.4	-2.2	5,210	8,157	5,634	5,863	24,506	24,059	1.9
Defense communications equipment.....	588	632	707	-7.0	-10.6	44.9	554	695	687	463	2,379	1,996	19.2
Audio and video equipment.....	764	795	754	-3.9	5.4	-9.9	605	795	712	572	2,833	2,364	19.8
Semiconductors	7,357	7,118	7,281	3.4	-2.2	-7.9	6,921	7,432	7,144	6,564	28,710	26,691	7.6
Electronic components.....	5,341	5,569	5,300	-4.1	5.1	3.4	4,844	5,985	5,043	4,071	20,499	16,829	21.8
Nondefense search and navigation equipment.....	963	1,025	959	-6.0	6.9	-0.1	883	1,118	927	829	3,742	3,412	9.7
Defense search and navigation equipment.....	2,869	2,832	2,833	1.3	0.0	5.3	2,813	3,073	2,747	2,545	10,761	9,881	8.9
Electromedical, measuring, and control instruments.....	6,709	6,629	6,556	1.2	1.1	-2.7	5,751	8,147	5,946	5,706	25,283	26,266	-3.7
Electrical equipment, appliances, and components.....	9,239	9,076	9,231	1.8	-1.7	-1.6	9,040	9,716	8,678	8,563	35,497	33,386	6.3
Electric lighting equipment.....	1,103	1,082	1,078	1.9	0.4	-4.4	1,048	1,174	1,067	1,021	4,277	4,176	2.4
Household appliances.....	2,097	2,108	2,119	-0.5	-0.5	1.0	2,013	2,228	1,951	1,905	7,849	7,488	4.8
Electrical equipment.....	2,865	2,735	2,832	4.8	-3.4	-2.4	2,766	3,068	2,662	2,537	10,971	9,950	10.3
Batteries.....	494	493	496	0.2	-0.6	-2.9	442	483	410	444	1,762	1,772	-0.6
Transportation equipment.....	54,558	52,618	52,484	3.7	0.3	-3.1	54,419	59,139	52,951	53,939	213,818	221,126	-3.3
Automobiles.....	7,118	7,010	7,229	1.5	-3.0	-1.9	7,130	7,933	7,558	7,576	29,401	31,764	-7.4
Light trucks and utility vehicles.....	10,618	10,216	10,568	3.9	-3.3	-0.6	10,603	11,858	11,061	11,783	42,846	49,005	-12.6
Heavy duty trucks	1,406	1,377	1,385	2.1	-0.6	-3.8	1,453	1,432	1,343	1,236	5,538	4,580	20.9
Motor vehicle bodies, parts, and trailers.....	17,923	17,428	17,847	2.8	-2.3	-4.4	18,971	18,845	18,330	19,579	73,261	76,364	-4.1
Nondefense aircraft and parts.....	7,447	6,694	5,552	11.2	20.6	-7.1	6,572	8,240	5,182	4,801	24,557	21,551	13.9
Defense aircraft and parts.....	3,759	3,798	3,635	-1.0	4.5	-4.1	3,509	4,079	3,276	3,230	13,941	14,839	-6.1
Ships and boats.....	2,730	2,602	2,718	4.9	-4.3	-7.3	2,896	2,792	2,852	2,487	11,054	9,131	21.1
Furniture and related products.....	6,871	6,699	6,670	2.6	0.4	0.3	6,811	6,872	6,655	6,092	26,639	24,242	9.9
Miscellaneous durable goods	12,159	12,095	11,981	0.5	1.0	-2.5	11,548	13,415	11,256	10,773	47,147	44,358	6.3
Nondurable goods industries.....	183,049	183,473	178,066	-0.2	3.0	-1.0	182,742	187,870	168,472	166,757	706,412	646,409	9.3
Food products.....	41,660	41,638	41,973	0.1	-0.8	-1.0	40,676	42,189	40,170	39,190	163,127	153,280	6.4
Grain and oilseed milling.....	2,927	2,924	2,862	0.1	2.2	-3.2	2,815	3,005	2,832	3,382	11,482	13,806	-16.8
Dairy products.....	6,389	6,458	6,640	-1.1	-2.7	-2.2	6,285	6,691	6,032	6,477	25,403	23,998	5.9
Meat, poultry, and seafood products.....	13,535	13,429	13,262	0.8	1.3	-1.1	13,503	13,053	12,893	11,239	52,245	43,700	19.6
Beverage and tobacco products.....	9,217	9,052	8,932	1.8	1.3	-0.8	9,296	9,007	8,305	8,941	34,759	34,142	1.8
Beverages.....	6,191	5,980	6,109	3.5	-2.1	0.7	6,270	5,935	5,482	5,871	22,902	22,283	2.8
Tobacco.....	3,026	3,072	2,823	-1.5	8.8	-3.8	3,026	3,072	2,823	3,070	11,857	11,859	0.0
Textile mills.....	3,463	3,412	3,498	1.5	-2.5	-0.9	3,465	3,529	3,469	3,463	13,652	13,574	0.6
Textile products.....	3,258	3,221	3,275	1.1	-1.6	-0.8	3,306	3,316	3,174	3,152	12,704	12,431	2.2
Apparel.....	4,262	4,225	4,390	0.9	-3.8	-2.4	3,924	4,269	4,425	4,414	16,580	18,113	-8.5
Leather and allied products.....	917	917	924	0.0	-0.8	-2.7	860	901	954	813	3,548	3,351	5.9
Paper products.....	15,205	15,164	14,934	0.3	1.5	-1.4	14,859	15,497	14,441	13,817	59,448	55,134	7.8
Pulp, paper, and paperboard mills.....	6,130	6,284	6,209	-2.5	1.2	-1.2	5,981	6,487	6,012	5,786	24,640	23,203	6.2
Paperboard containers.....	3,889	3,967	3,968	-2.0	0.0	-1.4	3,868	4,008	3,741	3,810	15,462	14,578	6.1
Printing.....	7,930	7,994	7,936	-0.8	0.7	-0.7	7,650	8,224	7,375	7,636	30,672	30,442	0.8
Petroleum and coal products.....	34,421	36,407	30,833	-5.5	18.1	-1.1	35,090	34,719	27,926	26,485	125,971	97,316	29.4
Petroleum refineries.....	32,061	34,111	28,478	-6.0	19.8	-0.2	32,786	32,553	26,047	24,383	117,787	90,303	30.4
Chemical products.....	44,953	43,922	43,749	2.3	0.4	-0.8	45,302	47,530	41,382	41,562	175,449	162,963	7.8
Pesticides, fertilizers, and other agricultural chemicals.....	1,973	1,854	1,882	6.4	-1.5	2.3	3,108	2,596	1,844	2,474	9,084	7,807	16.4
Pharmaceuticals and medicines.....	9,552	9,340	9,383	2.3	-0.5	-1.9	9,019	9,767	8,397	9,215	36,512	37,621	-2.9
Paints, coatings, and adhesives.....	2,628	2,638	2,529	-0.4	4.3	0.0	2,775	2,812	2,350	2,838	10,186	10,070	1.2
Plastics and rubber products.....	17,763	17,521	17,622	1.4	-0.6	-0.5	18,314	18,689	16,851	17,284	70,202	65,663	6.9

^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			
	Apr. 2005 ^p	Mar. 2005 ^r	Feb. 2005	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2005 ^p	Mar. 2005 ^r	Feb. 2005	Apr. 2004	2005 ^p	2004	Percent 2005/2004
All manufacturing industries ²	383,603	380,304	377,816	0.9	0.7	-0.5	381,170	405,524	362,941	357,653	1,501,976	1,409,059	6.6
Excluding transportation ²	330,037	330,816	325,270	-0.2	1.7	-0.6	329,115	348,636	309,803	303,598	1,290,701	1,183,868	9.0
Excluding defense ²	375,416	371,390	369,588	1.1	0.5	-0.5	373,722	393,133	355,047	348,341	1,465,583	1,363,795	7.5
With unfilled orders ²	143,640	140,618	143,275	2.1	-1.9	0.1	141,828	155,584	140,441	134,680	573,433	542,014	5.8
Durable goods industries ²	200,554	196,831	199,750	1.9	-1.5	-0.1	198,428	217,654	194,469	190,896	795,564	762,650	4.3
Primary metals.....	14,795	14,973	14,902	-1.2	0.5	0.6	14,938	16,340	15,380	13,557	61,652	54,708	12.7
Iron and steel mills.....	6,609	6,890	7,101	-4.1	-3.0	3.8	6,580	7,633	7,430	6,233	28,380	24,635	15.2
Aluminum and nonferrous metals.....	6,380	6,423	6,215	-0.7	3.3	0.2	6,498	6,950	6,327	5,777	26,263	23,899	9.9
Ferrous metal foundries.....	1,806	1,660	1,586	8.8	4.7	-10.2	1,860	1,757	1,623	1,547	7,009	6,174	13.5
Fabricated metal products.....	24,475	24,122	23,907	1.5	0.9	-1.3	24,616	25,821	23,716	24,064	97,191	92,512	5.1
Machinery.....	26,825	26,185	27,557	2.4	-5.0	-0.4	28,920	29,392	26,674	25,940	110,590	99,249	11.4
Construction machinery.....	2,773	2,688	2,940	3.2	-8.6	-5.3	3,288	3,195	3,081	2,825	12,679	11,144	13.8
Mining, oil field, and gas field machinery.....	1,097	1,053	1,205	4.2	-12.6	20.1	1,082	1,142	1,165	856	4,343	3,465	25.3
Industrial machinery.....	3,154	2,867	3,022	10.0	-5.1	-3.0	3,445	2,945	2,694	3,209	12,329	13,487	-8.6
Photographic equipment.....	871	896	844	-2.8	6.2	-3.7	836	961	735	910	3,275	3,514	-6.8
Ventilation, heating, air-conditioning, and refrigeration equipment.....	2,875	3,125	2,967	-8.0	5.3	4.0	2,917	3,498	2,574	2,955	11,501	10,754	6.9
Metalworking machinery.....	2,674	2,649	2,722	0.9	-2.7	-5.5	2,556	2,735	2,454	1,939	10,276	7,879	30.4
Turbines, generators, and other power transmission equipment.....	3,352	3,217	4,022	4.2	-20.0	17.5	3,471	3,484	3,860	3,207	13,843	12,626	9.6
Material handling equipment.....	1,952	1,819	1,978	7.3	-8.0	-18.7	2,003	2,216	2,124	1,523	8,633	6,061	42.4
Computers and electronic products ²	34,684	36,781	35,136	-5.7	4.7	1.0	31,974	41,750	32,647	29,707	137,925	125,273	10.1
Computers.....	7,873	6,184	6,854	27.3	-9.8	2.5	7,963	5,973	6,099	5,133	26,309	19,856	32.5
Nondefense communications equipment.....	6,370	6,603	7,192	-3.5	-8.2	-0.4	6,468	8,159	6,858	7,501	28,727	26,682	7.7
Defense communications equipment.....	409	1,719	340	-76.2	405.6	31.3	375	1,782	320	384	2,691	2,071	29.9
Semiconductors ²	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	5,320	5,513	5,512	-3.5	0.0	9.0	4,774	5,714	5,454	4,195	20,793	17,841	16.5
Nondefense search and navigation equipment.....	913	1,036	980	-11.9	5.7	-17.1	773	1,208	1,018	874	4,144	3,510	18.1
Defense search and navigation equipment.....	2,546	3,227	3,078	-21.1	4.8	8.9	2,358	4,101	3,167	2,655	12,286	12,463	-1.4
Electromedical, measuring, and control instruments.....	6,795	7,852	6,700	-13.5	17.2	-1.7	5,991	8,905	6,156	5,745	26,800	27,841	-3.7
Electrical equipment, appliances, and components.....	9,271	8,945	9,309	3.6	-3.9	-5.7	9,144	9,427	9,173	9,181	36,496	35,013	4.2
Electric lighting equipment.....	1,128	1,109	1,062	1.7	4.4	-6.5	1,068	1,224	1,034	1,279	4,392	4,531	-3.1
Household appliances.....	2,108	1,941	2,077	8.6	-6.5	-12.2	2,021	1,918	2,031	1,949	7,889	7,559	4.4
Electrical equipment.....	2,845	2,733	2,985	4.1	-8.4	-3.0	2,848	3,032	2,985	2,890	11,597	10,581	9.6
Transportation equipment.....	53,566	49,488	52,546	8.2	-5.8	-0.3	52,055	56,888	53,138	54,055	211,275	225,191	-6.2
Motor vehicle bodies, parts, and trailers.....	18,082	17,308	17,889	4.5	-3.2	-2.7	18,905	18,544	18,603	19,702	73,309	77,462	-5.4
Nondefense aircraft and parts.....	7,268	5,710	6,998	27.3	-18.4	28.8	5,418	6,371	6,515	4,360	23,357	20,668	13.0
Defense aircraft and parts.....	2,659	2,153	2,735	23.5	-21.3	-7.3	2,536	3,369	2,618	2,610	11,544	13,194	-12.5
Ships and boats.....	2,464	2,181	2,158	13.0	1.1	-4.9	2,386	2,333	2,087	1,981	9,554	9,726	-1.8
Furniture and related products.....	6,649	6,889	6,900	-3.5	-0.2	5.0	6,705	7,146	6,843	6,353	27,008	24,955	8.2
Nondurable goods industries.....	183,049	183,473	178,066	-0.2	3.0	-1.0	182,742	187,870	168,472	166,757	706,412	646,409	9.3

^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 Apr. 05/04
	Apr. 2005 ^p	Mar. 2005 ^r	Feb. 2005	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2005 ^p	Mar. 2005 ^r	Feb. 2005	Apr. 2004	
All manufacturing industries ¹	553,954	553,940	554,807	0.0	-0.2	0.5	562,666	562,331	561,497	529,935	6.2
Excluding transportation ¹	295,501	294,495	292,232	0.3	0.8	0.9	301,410	298,711	295,626	274,589	9.8
Excluding defense ¹	394,466	392,596	392,426	0.5	0.0	1.2	399,265	396,780	397,525	364,779	9.5
Durable goods industries ¹	553,954	553,940	554,807	0.0	-0.2	0.5	562,666	562,331	561,497	529,935	6.2
Primary metals.....	18,412	18,664	18,812	-1.4	-0.8	-1.2	18,923	19,421	19,389	18,855	0.4
Iron and steel mills.....	9,603	9,967	10,181	-3.7	-2.1	-1.4	9,788	10,367	10,421	10,731	-8.8
Aluminum and nonferrous metals.....	6,103	6,064	5,983	0.6	1.4	-0.2	6,366	6,344	6,225	5,575	14.2
Ferrous metal foundries.....	2,706	2,633	2,648	2.8	-0.6	-2.6	2,769	2,710	2,743	2,549	8.6
Fabricated metal products.....	47,533	47,358	47,013	0.4	0.7	0.9	48,702	48,208	47,084	44,656	9.1
Machinery.....	54,355	53,666	53,227	1.3	0.8	2.3	56,078	54,671	54,175	48,369	15.9
Construction machinery.....	5,485	5,481	5,523	0.1	-0.8	4.1	6,191	6,017	6,043	4,709	31.5
Mining, oil field, and gas field machinery.....	1,898	1,842	1,790	3.0	2.9	15.0	1,898	1,842	1,790	1,361	39.5
Industrial machinery.....	9,105	8,789	8,751	3.6	0.4	-1.1	9,249	8,714	8,904	8,137	13.7
Photographic equipment.....	989	975	937	1.4	4.1	-2.4	1,027	996	929	974	5.4
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,854	4,909	4,741	-1.1	3.5	0.1	5,066	4,979	4,728	4,807	5.4
Metalworking machinery.....	5,522	5,268	5,168	4.8	1.9	1.8	5,696	5,327	5,304	4,486	27.0
Turbines, generators, and other power transmission equipment.....	10,132	10,213	10,351	-0.8	-1.3	5.8	10,142	10,189	10,353	9,914	2.3
Material handling equipment.....	6,334	6,187	6,150	2.4	0.6	3.7	6,580	6,407	6,288	4,937	33.3
Computers and electronic products ¹	145,700	145,603	143,738	0.1	1.3	0.7	148,021	147,210	145,465	135,701	9.1
Computers.....	8,434	8,267	9,001	2.0	-8.2	0.4	8,139	8,012	8,961	7,385	10.2
Nondefense communications equipment.....	46,316	45,899	45,960	0.9	-0.1	1.7	47,734	46,476	46,474	49,003	-2.6
Defense communications equipment.....	10,791	10,970	9,883	-1.6	11.0	-3.6	10,791	10,970	9,883	3,464	211.5
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	14,984	15,005	15,061	-0.1	-0.4	1.4	14,996	15,066	15,337	14,941	0.4
Nondefense search and navigation equipment.....	5,450	5,500	5,489	-0.9	0.2	0.4	5,539	5,649	5,559	4,679	18.4
Defense search and navigation equipment.....	38,857	39,180	38,785	-0.8	1.0	0.6	39,953	40,408	39,380	38,656	3.4
Electromedical, measuring, and control instruments.....	20,868	20,782	19,559	0.4	6.3	0.7	20,869	20,629	19,871	17,573	18.8
Electrical equipment, appliances, and components.....	15,675	15,643	15,774	0.2	-0.8	0.5	15,851	15,747	16,036	15,042	5.4
Electric lighting equipment.....	1,807	1,782	1,755	1.4	1.5	-0.9	1,805	1,785	1,735	1,612	12.0
Household appliances.....	765	754	921	1.5	-18.1	-4.4	752	744	1,054	838	-10.3
Electrical equipment.....	9,313	9,333	9,335	-0.2	0.0	1.7	9,421	9,339	9,375	8,904	5.8
Transportation equipment.....	258,453	259,445	262,575	-0.4	-1.2	0.0	261,256	263,620	265,871	255,346	2.3
Motor vehicle bodies, parts, and trailers.....	14,449	14,290	14,410	1.1	-0.8	0.3	14,713	14,779	15,080	14,718	0.0
Nondefense aircraft and parts.....	116,160	116,339	117,323	-0.2	-0.8	1.2	115,938	117,092	118,961	104,188	11.3
Defense aircraft and parts.....	49,150	50,250	51,895	-2.2	-3.2	-1.7	50,276	51,249	51,959	59,125	-15.0
Ships and boats.....	19,035	19,301	19,722	-1.4	-2.1	-2.8	19,532	20,042	20,501	21,056	-7.2
Furniture and related products.....	6,356	6,578	6,388	-3.4	3.0	3.7	6,365	6,471	6,197	6,069	4.9

^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 Apr. 05/04
	Apr. 2005 ^p	Mar. 2005 ^r	Feb. 2005	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2005 ^p	Mar. 2005 ^r	Feb. 2005	Apr. 2004	
All manufacturing industries.....	485,165	484,556	481,287	0.1	0.7	0.6	487,339	483,571	484,430	449,025	8.5
Excluding transportation.....	413,358	412,351	409,829	0.2	0.6	0.5	415,223	411,721	412,409	380,463	9.1
Excluding defense.....	460,131	459,495	456,393	0.1	0.7	0.7	462,330	458,768	459,336	424,818	8.8
With unfilled orders.....	229,216	228,956	227,473	0.1	0.7	0.8	230,199	228,062	229,252	209,626	9.8
Durable goods industries.....	292,164	291,755	289,964	0.1	0.6	0.7	293,833	291,168	292,796	269,079	9.2
Wood products.....	10,664	10,692	10,528	-0.3	1.6	0.6	10,902	11,134	10,880	10,306	5.8
Nonmetallic mineral products.....	9,866	9,847	9,840	0.2	0.1	1.3	10,064	10,075	10,051	9,362	7.5
Primary metals.....	23,638	23,410	22,915	1.0	2.2	1.7	23,616	23,378	22,970	18,276	29.2
Iron and steel mills.....	13,883	13,790	13,549	0.7	1.8	2.9	13,788	13,687	13,556	9,555	44.3
Aluminum and nonferrous metals.....	7,605	7,493	7,314	1.5	2.4	-1.0	7,590	7,487	7,314	6,975	8.8
Ferrous metal foundries.....	2,150	2,127	2,052	1.1	3.7	3.1	2,238	2,204	2,100	1,746	28.2
Fabricated metal products.....	37,420	37,111	36,653	0.8	1.2	1.4	37,657	37,386	37,038	32,191	17.0
Machinery.....	47,717	47,393	47,151	0.7	0.5	0.6	48,064	47,638	48,003	42,949	11.9
Farm machinery.....	2,730	2,721	2,715	0.3	0.2	3.1	2,783	2,896	2,935	2,346	18.6
Construction machinery.....	4,505	4,439	4,397	1.5	1.0	1.3	4,562	4,534	4,519	3,838	18.9
Mining, oil field, and gas field machinery.....	2,497	2,510	2,452	-0.5	2.4	2.0	2,517	2,499	2,420	2,363	6.5
Industrial machinery.....	7,114	7,167	7,259	-0.7	-1.3	1.1	7,105	7,166	7,423	6,790	4.6
Photographic equipment.....	1,473	1,439	1,447	2.4	-0.6	-1.3	1,497	1,424	1,453	1,404	6.6
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,881	4,815	4,766	1.4	1.0	2.6	5,069	4,891	4,865	4,400	15.2
Metalworking machinery.....	4,509	4,477	4,426	0.7	1.2	-1.3	4,514	4,438	4,415	4,382	3.0
Turbines, generators, and other power transmission equipment.....	5,386	5,275	5,263	2.1	0.2	-0.2	5,306	5,113	5,276	4,369	21.4
Material handling equipment.....	2,932	2,885	2,821	1.6	2.3	1.2	2,966	2,911	2,837	2,356	25.9
Computers and electronic products.....	48,803	49,111	49,505	-0.6	-0.8	-0.7	48,828	47,910	49,686	47,769	2.2
Computers.....	2,868	2,808	2,776	2.1	1.2	-1.2	2,652	2,709	2,722	2,182	21.5
Computer storage devices.....	1,417	1,409	1,370	0.6	2.8	1.0	1,476	1,306	1,415	1,256	17.5
Other peripheral equipment.....	2,438	2,436	2,440	0.1	-0.2	2.1	2,420	2,275	2,444	2,323	4.2
Nondefense communications equipment.....	9,188	9,377	9,689	-2.0	-3.2	-1.6	9,187	9,110	9,746	9,477	-3.1
Defense communications equipment.....	957	1,085	1,112	-11.8	-2.4	-14.3	957	1,085	1,112	1,345	-28.8
Audio and video equipment.....	1,270	1,243	1,194	2.2	4.1	4.2	1,131	1,036	1,130	827	36.8
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	8,066	8,085	8,060	-0.2	0.3	-0.1	8,249	7,997	8,081	7,979	3.4
Nondefense search and navigation equipment.....	2,536	2,652	2,652	-4.4	0.0	2.1	2,558	2,644	2,657	2,471	3.5
Defense search and navigation equipment.....	2,809	2,735	2,913	2.7	-6.1	-0.2	2,821	2,672	2,918	2,865	-1.5
Electromedical, measuring and control instruments.....	10,499	10,420	10,432	0.8	-0.1	-0.4	10,557	10,278	10,619	10,241	3.1
Electrical equipment, appliances, and components.....	13,439	13,318	13,167	0.9	1.1	0.2	13,793	13,471	13,469	12,704	8.6
Electric lighting equipment.....	1,513	1,511	1,512	0.1	-0.1	0.6	1,518	1,499	1,522	1,427	6.4
Household appliances.....	2,462	2,391	2,363	3.0	1.2	0.0	2,627	2,430	2,449	2,320	13.2
Electrical equipment.....	4,678	4,666	4,568	0.3	2.1	0.5	4,777	4,722	4,694	4,392	8.8
Batteries.....	626	620	611	1.0	1.5	0.3	637	618	598	605	5.3
Transportation equipment.....	71,807	72,205	71,458	-0.6	1.0	1.5	72,116	71,850	72,021	68,562	5.2
Automobiles.....	2,060	2,043	2,050	0.8	-0.3	-10.5	2,086	1,982	2,080	2,068	0.9
Light trucks and utility vehicles.....	2,848	2,807	2,635	1.5	6.5	6.4	2,984	2,782	2,630	2,611	14.3
Heavy duty trucks.....	982	959	911	2.4	5.3	2.5	965	956	921	758	27.3
Motor vehicle bodies, parts, and trailers.....	17,007	16,924	16,789	0.5	0.8	1.5	17,119	17,104	16,960	15,864	7.9
Nondefense aircraft and parts.....	23,691	24,379	24,423	-2.8	-0.2	3.1	23,738	24,146	24,532	23,841	-0.4
Defense aircraft and parts.....	12,750	12,730	12,309	0.2	3.4	-0.2	12,656	12,576	12,568	11,542	9.7
Ships and boats.....	3,250	3,334	3,333	-2.5	0.0	-0.2	3,277	3,359	3,339	3,139	4.4
Furniture and related products.....	8,632	8,624	8,586	0.1	0.4	0.2	8,582	8,437	8,443	7,826	9.7
Miscellaneous durable goods.....	20,178	20,044	20,161	0.7	-0.6	0.0	20,211	19,889	20,235	19,134	5.6
Nondurable goods industries.....	193,001	192,801	191,323	0.1	0.8	0.4	193,506	192,403	191,634	179,946	7.5
Food products.....	34,717	34,339	34,087	1.1	0.7	0.6	33,782	33,626	34,024	32,559	3.8
Grain and oilseed milling.....	2,757	2,761	2,738	-0.1	0.8	3.2	2,738	2,905	2,923	3,250	-15.8
Dairy products.....	3,954	3,954	3,948	0.0	0.2	-0.5	4,118	3,955	3,906	4,020	2.4
Meat, poultry, and seafood products.....	6,534	6,515	6,472	0.3	0.7	1.6	6,551	6,569	6,469	6,245	4.9
Beverage and tobacco products.....	14,918	14,878	14,813	0.3	0.4	-0.7	14,899	14,918	15,029	14,668	1.6
Beverages.....	10,274	10,391	10,318	-1.1	0.7	-0.5	10,323	10,447	10,306	10,141	1.8
Tobacco.....	4,644	4,487	4,495	3.5	-0.2	-1.2	4,576	4,471	4,723	4,527	1.1
Textile mills.....	4,611	4,653	4,663	-0.9	-0.2	-1.0	4,696	4,646	4,696	4,979	-5.7
Textile products.....	5,375	5,425	5,433	-0.9	-0.1	0.7	5,474	5,449	5,453	5,200	5.3
Apparel.....	7,542	7,477	7,427	0.9	0.7	1.3	7,401	7,246	7,310	6,792	9.0
Leather and allied products.....	1,746	1,721	1,715	1.5	0.3	-4.9	1,721	1,671	1,712	1,639	5.0
Paper products.....	15,448	15,398	15,342	0.3	0.4	0.6	15,530	15,472	15,482	14,287	8.7
Pulp, paper, and paperboard mills.....	6,713	6,655	6,580	0.9	1.1	1.5	6,742	6,704	6,673	6,212	8.5
Paperboard containers.....	4,537	4,592	4,603	-1.2	-0.2	0.0	4,517	4,576	4,640	4,074	10.9
Printing.....	6,753	6,808	6,767	-0.8	0.6	1.7	6,569	6,630	6,539	6,043	8.7
Petroleum and coal products.....	20,070	19,852	19,210	1.1	3.3	1.1	20,480	19,559	18,698	16,685	22.7
Petroleum refineries.....	18,095	17,908	17,329	1.0	3.3	0.8	18,443	17,590	16,851	15,047	22.6
Chemical products.....	57,105	57,663	57,412	-1.0	0.4	0.1	57,715	57,975	57,734	55,870	3.3
Pesticides, fertilizers, and other agricultural chemicals.....	2,412	2,464	2,519	-2.1	-2.2	0.4	2,612	2,873	2,978	2,528	3.3
Pharmaceuticals and medicines.....	20,975	21,604	22,046	-2.9	-2.0	-1.5	21,132	21,420	21,596	23,710	-10.9
Paints, coatings, and adhesives.....	3,020	3,003	2,962	0.6	1.4	1.4	3,096	3,092	3,017	2,844	8.9
Plastics and rubber products.....	24,716	24,587	24,454	0.5	0.5	1.0	25,239	25,211	24,957	21,224	18.9

^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
	Apr. 2005 ^p	Mar. 2005 ^r	Feb. 2005	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2005 ^p	Mar. 2005 ^r	Feb. 2005	Apr. 2004	2005 ^p	2004	
SHIPMENTS													
All manufacturing industries	390,946	388,289	382,305	0.7	1.6	-1.5	387,756	412,122	363,517	360,275	1,514,864	1,408,231	7.6
Construction materials and supplies.....	41,653	41,194	40,755	1.1	1.1	-0.5	41,843	42,169	37,212	40,005	156,787	145,408	7.8
Information technology.....	32,783	32,863	32,365	-0.2	1.5	-0.9	29,895	37,677	28,751	27,946	124,084	115,266	7.7
Computers and related products	10,850	10,255	10,026	5.8	2.3	-1.6	10,019	11,489	8,277	7,921	38,760	31,826	21.8
Motor vehicle and parts.....	37,065	36,031	37,029	2.9	-2.7	-2.8	38,157	40,068	38,292	40,174	151,046	161,713	-6.6
Capital goods.....	77,044	75,687	75,046	1.8	0.9	-2.1	74,395	85,491	69,572	67,912	295,364	271,826	8.7
Nondefense capital goods ³	68,824	67,498	66,771	2.0	1.1	-2.7	66,437	76,572	61,652	60,104	263,979	239,070	10.4
Excluding aircraft.....	65,277	64,643	64,691	1.0	-0.1	-2.6	63,411	72,762	59,655	58,180	253,842	229,907	10.4
Defense capital goods ⁴	8,220	8,189	8,275	0.4	-1.0	2.5	7,958	8,919	7,920	7,808	31,385	32,756	-4.2
Consumer goods.....	148,086	148,865	144,109	-0.5	3.3	-0.8	146,903	152,911	138,324	136,418	572,533	536,440	6.7
Consumer durable goods.....	34,984	34,271	34,908	2.1	-1.8	-0.5	35,144	38,485	35,320	35,450	140,060	143,499	-2.4
Consumer nondurable goods.....	113,102	114,594	109,201	-1.3	4.9	-0.9	111,759	114,426	103,004	100,968	432,473	392,941	10.1
NEW ORDERS													
All manufacturing industries ⁵	383,603	380,304	377,816	0.9	0.7	-0.5	381,170	405,524	362,941	357,653	1,501,976	1,409,059	6.6
Construction materials and supplies.....	41,683	41,609	41,029	0.2	1.4	0.0	42,369	43,307	38,078	41,897	160,037	151,350	5.7
Information technology.....	32,931	34,833	33,157	-5.5	5.1	-0.7	30,801	39,767	30,641	29,041	131,263	121,516	8.0
Computers and related products	11,017	9,521	10,065	15.7	-5.4	0.4	10,146	10,540	8,481	7,274	37,624	30,406	23.7
Motor vehicle and parts.....	37,224	35,911	37,071	3.7	-3.1	-2.0	38,091	39,767	38,565	40,297	151,094	162,811	-7.2
Capital goods.....	77,230	75,574	77,227	2.2	-2.1	0.2	74,805	86,640	73,456	69,821	306,368	286,608	6.9
Nondefense capital goods ³	70,568	67,781	70,028	4.1	-3.2	-0.4	68,861	75,584	66,624	61,751	275,534	246,437	11.8
Excluding aircraft.....	66,798	65,682	66,776	1.7	-1.6	-2.1	66,587	73,415	63,568	60,220	265,855	239,096	11.2
Defense capital goods ⁴	6,662	7,793	7,199	-14.5	8.3	6.5	5,944	11,056	6,832	8,070	30,834	40,171	-23.2
Consumer goods.....	148,525	148,350	143,911	0.1	3.1	-1.0	147,365	152,267	138,282	136,078	572,646	536,309	6.8
Consumer durable goods.....	35,423	33,756	34,710	4.9	-2.7	-1.3	35,606	37,841	35,278	35,110	140,173	143,368	-2.2
Consumer nondurable goods.....	113,102	114,594	109,201	-1.3	4.9	-0.9	111,759	114,426	103,004	100,968	432,473	392,941	10.1
UNFILLED ORDERS													
All manufacturing industries ⁵	553,954	553,940	554,807	0.0	-0.2	0.5	562,666	562,331	561,497	529,935	(X)	(X)	6.2
Construction materials and supplies.....	38,715	38,685	38,270	0.1	1.1	0.7	39,824	39,298	38,160	37,811	(X)	(X)	5.3
Information technology.....	135,495	135,347	133,377	0.1	1.5	0.6	137,925	137,019	134,929	125,422	(X)	(X)	10.0
Computers and related products	8,434	8,267	9,001	2.0	-8.2	0.4	8,139	8,012	8,961	7,385	(X)	(X)	10.2
Motor vehicle and parts.....	14,449	14,290	14,410	1.1	-0.8	0.3	14,713	14,779	15,080	14,718	(X)	(X)	0.0
Capital goods.....	395,686	395,500	395,613	0.0	0.0	0.6	401,919	401,509	400,360	372,579	(X)	(X)	7.9
Nondefense capital goods ³	251,807	250,063	249,780	0.7	0.1	1.3	254,593	252,169	253,157	226,914	(X)	(X)	12.2
Excluding aircraft.....	159,314	157,793	156,754	1.0	0.7	1.3	162,322	159,146	158,493	148,473	(X)	(X)	9.3
Defense capital goods ⁴	143,879	145,437	145,833	-1.1	-0.3	-0.7	147,326	149,340	147,203	145,665	(X)	(X)	1.1
Consumer goods.....	13,956	13,517	14,032	3.2	-3.7	-1.4	14,041	13,579	14,223	12,480	(X)	(X)	12.5
Consumer durable goods.....	13,956	13,517	14,032	3.2	-3.7	-1.4	14,041	13,579	14,223	12,480	(X)	(X)	12.5
TOTAL INVENTORIES													
All manufacturing industries	485,165	484,556	481,287	0.1	0.7	0.6	487,339	483,571	484,430	449,025	(X)	(X)	8.5
Construction materials and supplies.....	54,184	53,848	53,251	0.6	1.1	1.6	54,962	54,851	54,223	48,331	(X)	(X)	13.7
Information technology.....	40,045	40,162	40,563	-0.3	-1.0	-0.6	39,919	39,150	40,845	38,851	(X)	(X)	2.7
Computers and related products	6,723	6,653	6,586	1.1	1.0	0.5	6,548	6,290	6,581	5,761	(X)	(X)	13.7
Motor vehicle and parts.....	22,897	22,733	22,385	0.7	1.6	0.9	23,154	22,824	22,591	21,301	(X)	(X)	8.7
Capital goods.....	132,351	133,068	133,111	-0.5	0.0	0.5	132,612	132,044	134,350	125,707	(X)	(X)	5.5
Nondefense capital goods ³	112,846	113,467	113,142	-0.5	0.3	0.7	113,148	112,623	114,289	106,125	(X)	(X)	6.6
Excluding aircraft.....	96,084	95,944	95,720	0.1	0.2	0.2	96,409	95,222	96,732	88,960	(X)	(X)	8.4
Defense capital goods ⁴	19,505	19,601	19,969	-0.5	-1.8	-0.6	19,464	19,421	20,061	19,582	(X)	(X)	-0.6
Consumer goods.....	145,665	145,134	144,463	0.4	0.5	0.0	145,411	143,400	143,948	138,867	(X)	(X)	4.7
Consumer durable goods.....	30,429	30,085	29,988	1.1	0.3	-0.3	30,622	29,728	30,256	28,317	(X)	(X)	8.1
Consumer nondurable goods.....	115,236	115,049	114,475	0.2	0.5	0.0	114,789	113,672	113,692	110,550	(X)	(X)	3.8

^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 Apr. 05/04
	Apr. 2005 ^p	Mar. 2005 ^r	Feb. 2005	Mar. - Apr.	Feb. - Mar.	Jan. - Feb.	Apr. 2005 ^p	Mar. 2005 ^r	Feb. 2005	Apr. 2004	
<u>MATERIALS AND SUPPLIES</u>											
All manufacturing industries	159,432	159,164	157,497	0.2	1.1	0.1	159,378	158,907	158,115	146,958	8.5
Durable goods industries	96,628	96,192	95,267	0.5	1.0	-0.1	96,238	95,667	95,799	86,846	10.8
Wood products.....	4,025	3,966	3,888	1.5	2.0	1.0	3,793	3,887	3,958	3,658	3.7
Nonmetallic mineral products.....	3,448	3,484	3,415	-1.0	2.0	-0.1	3,422	3,471	3,391	3,325	2.9
Primary metals.....	9,102	9,006	8,782	1.1	2.6	1.8	8,878	8,749	8,655	6,428	38.1
Fabricated metal products.....	14,668	14,556	14,472	0.8	0.6	2.4	14,668	14,608	14,560	11,728	25.1
Machinery.....	14,580	14,354	14,303	1.6	0.4	0.4	14,625	14,261	14,380	12,697	15.2
Computers and electronic products	16,725	16,857	17,050	-0.8	-1.1	-1.9	16,705	16,795	17,299	17,036	-1.9
Electrical equipment, appliances, and components.....	5,080	5,051	4,961	0.6	1.8	0.6	5,152	5,092	5,080	4,646	10.9
Transportation equipment.....	18,518	18,455	17,979	0.3	2.6	-1.6	18,537	18,434	18,066	17,667	4.9
Furniture and related products.....	3,587	3,630	3,571	-1.2	1.7	-1.5	3,574	3,625	3,551	3,308	8.0
Miscellaneous products.....	6,895	6,833	6,846	0.9	-0.2	-0.5	6,884	6,745	6,859	6,353	8.4
Nondurable goods industries.....	62,804	62,972	62,230	-0.3	1.2	0.4	63,140	63,240	62,316	60,112	5.0
Food products.....	9,320	9,411	9,371	-1.0	0.4	-0.4	9,294	9,537	9,503	10,007	-7.1
Beverage and tobacco products.....	5,177	5,087	5,100	1.8	-0.3	-1.4	5,247	5,170	5,257	5,365	-2.2
Textiles.....	1,372	1,365	1,342	0.5	1.7	-3.1	1,408	1,373	1,348	1,418	-0.7
Textile products.....	1,974	1,967	1,941	0.4	1.3	-0.3	1,984	1,963	1,938	1,809	9.7
Apparel.....	1,629	1,630	1,646	-0.1	-1.0	0.9	1,650	1,610	1,634	1,632	1.1
Leather and allied products.....	454	456	463	-0.4	-1.5	-4.7	446	438	452	445	0.2
Paper products.....	6,514	6,543	6,507	-0.4	0.6	0.4	6,479	6,556	6,528	6,512	-0.5
Printing	3,038	3,037	2,959	0.0	2.6	0.5	2,907	3,014	2,882	2,616	11.1
Petroleum and coal products.....	6,161	6,258	5,880	-1.6	6.4	-0.8	6,392	6,263	5,704	5,436	17.6
Chemical products.....	18,398	18,333	18,261	0.4	0.4	2.3	18,441	18,318	18,220	17,262	6.8
Plastics and rubber products.....	8,767	8,885	8,760	-1.3	1.4	0.5	8,892	8,998	8,850	7,610	16.8
<u>WORK IN PROCESS</u>											
All manufacturing industries	134,625	136,144	136,304	-1.1	-0.1	1.5	134,847	135,621	136,734	130,745	3.1
Durable goods industries	103,413	104,219	104,536	-0.8	-0.3	1.2	103,884	103,792	105,108	98,647	5.3
Wood products.....	2,074	2,132	2,062	-2.7	3.4	1.8	2,090	2,146	2,065	2,018	3.6
Nonmetallic mineral products.....	1,126	1,132	1,141	-0.5	-0.8	-0.4	1,171	1,201	1,197	1,224	-4.3
Primary metals.....	7,508	7,387	7,496	1.6	-1.5	0.0	7,536	7,395	7,511	6,336	18.9
Fabricated metal products.....	10,777	10,678	10,466	0.9	2.0	1.4	10,815	10,699	10,506	9,609	12.6
Machinery.....	16,307	16,318	16,248	-0.1	0.4	0.0	16,362	16,110	16,284	15,068	8.6
Computers and electronic products	18,893	19,194	19,386	-1.6	-1.0	0.1	19,024	18,599	19,183	19,162	-0.7
Electrical equipment, appliances, and components.....	3,057	3,062	3,068	-0.2	-0.2	-1.1	3,143	3,099	3,128	3,030	3.7
Transportation equipment.....	38,655	39,281	39,402	-1.6	-0.3	2.0	38,710	39,493	39,999	37,719	2.6
Furniture and related products.....	1,691	1,667	1,692	1.4	-1.5	3.6	1,685	1,664	1,683	1,551	8.6
Miscellaneous products.....	3,325	3,368	3,575	-1.3	-5.8	8.9	3,348	3,386	3,552	2,930	14.3
Nondurable goods industries.....	31,212	31,925	31,768	-2.2	0.5	2.2	30,963	31,829	31,626	32,098	-3.5
Food products.....	3,631	3,665	3,679	-0.9	-0.4	6.0	3,430	3,584	3,734	2,970	15.5
Beverage and tobacco products.....	4,858	4,895	4,862	-0.8	0.7	-0.6	4,674	4,863	4,947	4,625	1.1
Textiles.....	1,162	1,206	1,226	-3.6	-1.6	-0.5	1,176	1,212	1,242	1,326	-11.3
Textile products.....	664	671	672	-1.0	-0.1	-0.6	681	676	674	703	-3.1
Apparel.....	1,044	1,086	1,078	-3.9	0.7	0.6	1,066	1,073	1,060	1,211	-12.0
Leather and allied products.....	164	167	167	-1.8	0.0	0.6	167	172	171	182	-8.2
Paper products.....	1,361	1,385	1,350	-1.7	2.6	4.0	1,354	1,370	1,332	1,176	15.1
Printing	1,769	1,787	1,834	-1.0	-2.6	6.0	1,744	1,700	1,772	1,677	4.0
Petroleum and coal products.....	3,663	3,891	3,767	-5.9	3.3	6.1	3,686	3,995	3,672	4,589	-19.7
Chemical products.....	10,084	10,352	10,302	-2.6	0.5	0.6	10,139	10,269	10,139	11,149	-9.1
Plastics and rubber products.....	2,812	2,820	2,831	-0.3	-0.4	2.4	2,846	2,915	2,883	2,490	14.3
<u>FINISHED GOODS</u>											
All manufacturing industries	191,108	189,248	187,486	1.0	0.9	0.4	193,114	189,043	189,581	171,322	12.7
Durable goods industries	92,123	91,344	90,161	0.9	1.3	1.0	93,711	91,709	91,889	83,586	12.1
Wood products.....	4,565	4,594	4,578	-0.6	0.3	-0.3	5,019	5,101	4,857	4,630	8.4
Nonmetallic mineral products.....	5,292	5,231	5,284	1.2	-1.0	2.6	5,471	5,403	5,463	4,813	13.7
Primary metals.....	7,028	7,017	6,637	0.2	5.7	3.5	7,202	7,234	6,804	5,512	30.7
Fabricated metal products.....	11,975	11,877	11,715	0.8	1.4	0.3	12,174	12,079	11,972	10,854	12.2
Machinery.....	16,830	16,721	16,600	0.7	0.7	1.4	17,077	17,267	17,339	15,184	12.5
Computers and electronic products	13,185	13,060	13,069	1.0	-0.1	-0.1	13,099	12,516	13,204	11,571	13.2
Electrical equipment, appliances, and components.....	5,302	5,205	5,138	1.9	1.3	0.6	5,498	5,280	5,261	5,028	9.3
Transportation equipment.....	14,634	14,469	14,077	1.1	2.8	4.2	14,869	13,923	13,956	13,176	12.8
Furniture and related products.....	3,354	3,327	3,323	0.8	0.1	0.3	3,323	3,148	3,209	2,967	12.0
Miscellaneous products.....	9,958	9,843	9,740	1.2	1.1	-2.7	9,979	9,758	9,824	9,851	1.3
Nondurable goods industries.....	98,985	97,904	97,325	1.1	0.6	-0.1	99,403	97,334	97,692	87,736	13.3
Food products.....	21,766	21,263	21,037	2.4	1.1	0.1	21,058	20,505	20,787	19,582	7.5
Beverage and tobacco products.....	4,883	4,896	4,851	-0.3	0.9	0.0	4,978	4,885	4,825	4,678	6.4
Textiles.....	2,077	2,082	2,095	-0.2	-0.6	0.0	2,112	2,061	2,106	2,235	-5.5
Textile products.....	2,737	2,787	2,820	-1.8	-1.2	1.7	2,809	2,810	2,841	2,688	4.5
Apparel.....	4,869	4,761	4,703	2.3	1.2	1.7	4,685	4,563	4,616	3,949	18.6
Leather and allied products.....	1,128	1,098	1,085	2.7	1.2	-5.8	1,108	1,061	1,089	1,012	9.5
Paper products.....	7,573	7,470	7,485	1.4	-0.2	0.3	7,697	7,546	7,622	6,599	16.6
Printing	1,946	1,984	1,974	-1.9	0.5	-0.2	1,918	1,916	1,885	1,750	9.6
Petroleum and coal products.....	10,246	9,703	9,563	5.6	1.5	0.5	10,402	9,301	9,322	6,660	56.2
Chemical products.....	28,623	28,978	28,849	-1.2	0.4	-1.4	29,135	29,388	29,375	27,459	6.1
Plastics and rubber products.....	13,137	12,882	12,863	2.0	0.1	0.9	13,501	13,298	13,224	11,124	21.4

^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			
	Apr 2005 ^p	Mar 2005 ^f	Feb 2005	Jan 2005	Apr 2005 ^p	Mar 2005 ^f	Feb 2005	Jan 2005
All manufacturing industries ²	1.24	1.25	1.26	1.23	(X)	(X)	(X)	(X)
Durable goods industries ²	1.41	1.42	1.42	1.38	3.86	3.92	3.95	3.85
Wood products.....	1.14	1.14	1.11	1.13	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.19	1.19	1.21	1.22	(X)	(X)	(X)	(X)
Primary metals.....	1.57	1.55	1.51	1.46	1.22	1.23	1.24	1.23
Fabricated metal products.....	1.54	1.56	1.56	1.52	2.03	2.06	2.08	2.03
Machinery.....	1.83	1.84	1.79	1.73	2.33	2.31	2.24	2.11
Computers and electronic products ² ..	1.16	1.17	1.20	1.18	4.84	4.81	4.85	4.85
Electrical equipment, appliances, and components.....	1.45	1.47	1.43	1.40	1.79	1.82	1.81	1.77
Transportation equipment.....	1.32	1.37	1.36	1.30	7.30	7.63	7.88	7.56
Furniture and related products.....	1.26	1.29	1.29	1.29	1.05	1.12	1.09	1.05
Miscellaneous products.....	1.66	1.66	1.68	1.64	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.05	1.05	1.07	1.06	(X)	(X)	(X)	(X)
Food products.....	0.83	0.82	0.81	0.80	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.62	1.64	1.63	1.66	(X)	(X)	(X)	(X)
Textiles.....	1.33	1.36	1.33	1.34	(X)	(X)	(X)	(X)
Textile products.....	1.65	1.68	1.66	1.63	(X)	(X)	(X)	(X)
Apparel.....	1.77	1.77	1.69	1.63	(X)	(X)	(X)	(X)
Leather and allied products.....	1.90	1.88	1.86	1.90	(X)	(X)	(X)	(X)
Paper products.....	1.02	1.02	1.03	1.01	(X)	(X)	(X)	(X)
Printing.....	0.85	0.85	0.85	0.83	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.58	0.55	0.62	0.61	(X)	(X)	(X)	(X)
Chemical products.....	1.27	1.31	1.31	1.30	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.39	1.40	1.39	1.37	(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	
	Apr ¹ 2005	Apr ² 2004-Mar 2005	Apr ¹ 2005	Apr ² 2004-Mar 2005	Apr ¹ 2005	Apr ² 2004-Mar 2005	Apr ¹ 2005	Apr ² 2004-Mar 2005
All manufacturing industries.....	(X)	0.3	(X)	0.4	(X)	0.1	(X)	0.2
Durable goods industries.....	-0.1	0.3	0.0	0.5	0.0	0.1	0.0	0.2
Wood products.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.5
Nonmetallic mineral products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.2
Primary metals.....	-0.3	0.6	-0.3	1.4	-0.1	0.6	-0.1	0.4
Fabricated metal products.....	-0.1	0.3	-0.2	0.7	-0.1	0.4	-0.1	0.3
Machinery.....	0.0	0.5	0.2	1.2	0.1	0.5	0.1	0.2
Computers and electronic products.....	-0.4	0.6	0.1	1.2	0.1	0.2	0.1	0.4
Electrical equipment, appliances, and components.....	-0.1	0.4	0.2	0.6	0.2	0.3	0.4	0.4
Transportation equipment.....	0.2	0.3	0.0	0.8	0.0	0.1	0.1	0.2
Furniture and related products.....	(X)	0.6	(X)	0.8	(X)	0.7	(X)	0.3
Miscellaneous products.....	(X)	0.6	(X)	0.7	(X)	0.5	(X)	0.3
Nondurable goods industries.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.2
Food products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.4
Beverage and tobacco products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.5
Textiles.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.4
Textile products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.3
Apparel.....	(X)	1.3	(X)	(NA)	(X)	(NA)	(X)	0.6
Leather and allied products.....	(X)	1.2	(X)	(NA)	(X)	(NA)	(X)	0.9
Paper products.....	(X)	0.4	(X)	(NA)	(X)	(NA)	(X)	0.2
Printing.....	(X)	0.5	(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>.

NOTICE

Revised historical data for Manufacturers' Shipments, Inventories, and Orders will be issued on August 19, 2005. These revisions reflect:

- benchmarking the shipments and inventory data to the 2002 Economic Census and 2003 Annual Survey of Manufactures (ASM) data;
- adjusting new orders and order backlog to be consistent with the benchmarked shipments and inventory data;
- correcting monthly data for late receipts, reclassifications of reported data, and revisions to previously reported data; and
- updating the seasonal adjustment factors for all series.

For revised historical data go to <http://www.census.gov/m3/hist/naicshist.htm>. An accompanying press release will include the revised 2005 January through June data. Please call Chris Savage on (301)763-4832 with questions.