

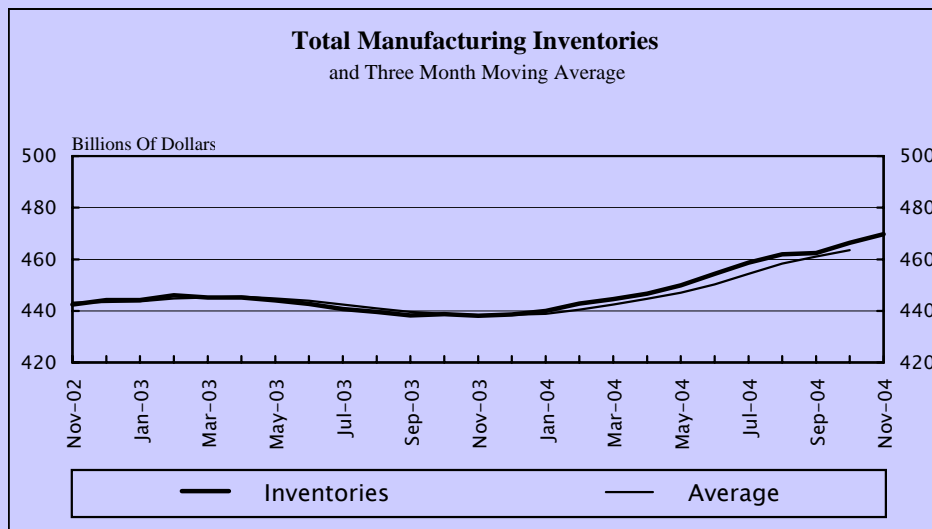
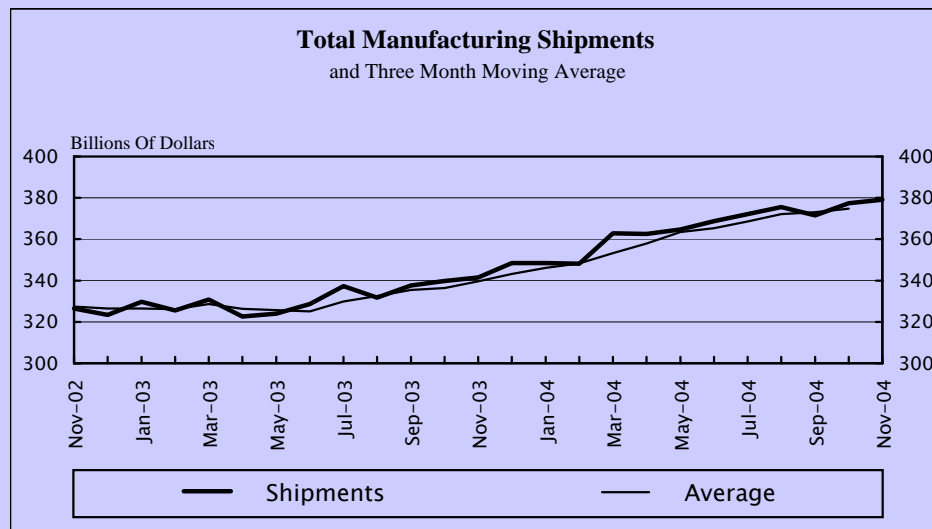
Manufacturers' Shipments, Inventories, and Orders: November 2004

Issued January 2005

M3-1(04)-11

For Wire Transmission 10:00 a.m. E.S.T., January 4, 2005

Current Industrial Reports



For data, call 301-763-4673. For inquiries, contact Chris Savage or Patrick Kent, Manufacturers' Shipments, Inventories and Orders Branch, Manufacturing and Construction Division (MCD), Washington, DC 20233-6900 or call 301-763-4832.

The advance report on durable goods for December is scheduled for January 27, 2005 at 8:30 a.m. and the full report on February 3, 2005 at 10:00 a.m. For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington DC, 20402

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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.

Summary

New orders for manufactured goods in November, up six of the last seven months, increased \$4.5 billion or 1.2 percent to \$377.4 billion, the Department of Commerce, Census Bureau reported today. This followed a 0.9 percent October increase.

Shipments, up six of the last seven months, increased \$1.6 billion or 0.4 percent to \$379.0 billion. This was at the highest level since the series was first stated on a NAICS basis in 1992 and followed a 1.6 percent October increase.

Unfilled orders, up fifteen of the last sixteen months, increased \$5.8 billion or 1.1 percent to \$548.8 billion. This followed a 0.5 percent October increase. The unfilled orders-to-shipments ratio was 4.02, up from 3.95 in October.

Inventories, up twelve consecutive months, increased \$3.3 billion or 0.7 percent to \$469.7 billion. This followed a 0.9 percent October increase. The inventories-to-shipments ratio was unchanged at 1.24.

New Orders

New orders for manufactured durable goods in November increased \$2.7 billion or 1.4 percent to \$198.2 billion, revised from the previously published \$3.1 billion increase.

Transportation equipment had the largest increase, \$4.6 billion or 8.8 percent to \$57.3 billion, due to nondefense aircraft and parts which increased \$3.8 billion.

New orders for manufactured nondurable goods increased \$1.8 billion or 1.0 percent to \$179.2 billion.

Shipments

Shipments of manufactured durable goods in November decreased \$0.2 billion or 0.1 percent to \$199.8 billion, revised from the previously published \$0.5 billion decrease.

Machinery, down following two consecutive increases, had the largest decrease, \$1.1 billion or 4.1 percent to \$25.0 billion. Transportation equipment decreased \$0.5 billion or 0.9 percent to \$52.7 billion.

Shipments of manufactured nondurable goods, up seven of the last nine months, increased \$1.8 billion or 1.0 percent to \$179.2 billion. This was at the highest level since the series began in 1992. Basic chemicals, up seven of the last nine months, had the largest increase, \$0.8 billion or 1.8 percent to \$44.3 billion. This was also at the highest level since the series began in 1992.

Unfilled Orders

Unfilled orders of manufactured durable goods in November, up fifteen of the last sixteen months, increased \$5.8 billion or 1.1 percent to \$548.8 billion, revised from the previously published \$6.8 billion increase. This followed a 0.5 percent October increase.

Transportation equipment, up following three consecutive decreases, had the largest increase, \$4.6 billion or 1.8 percent to \$262.4 billion. This was at the highest level since June 2001 and followed a 0.2 percent October decrease.

Inventories

Inventories of manufactured durable goods in November, up twelve consecutive months, increased \$2.2 billion or 0.8 percent to \$282.3 billion, revised from the previously published \$2.7 billion increase.

Transportation equipment, up two consecutive months, had the largest increase, \$1.2 billion or 1.7 percent to \$69.9 billion. Machinery, up twelve consecutive months, increased \$0.5 billion or 1.2 percent to \$45.5 billion.

Inventories of manufactured nondurable goods, up ten of the last eleven months, increased \$1.1 billion or 0.6 percent to \$187.4 billion. Petroleum and coal products had the largest increase, \$0.5 billion or 2.7 percent to \$18.9 billion. This was at the highest level since the series began in 1992.

By stage of fabrication, November materials and supplies increased 0.9 percent in durable goods and decreased slightly in nondurable goods. Work in process increased 1.1 percent in durable goods and 0.2 percent in nondurable goods. Finished goods increased 0.2 percent in durable goods and 1.1 percent in nondurable goods.

SEE BACK PAGE FOR SURVEY DESCRIPTION

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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			
	Nov. 2004 ^p	Oct. 2004 ^r	Sept. 2004	Oct. - Nov.	Sept. - Oct.	Aug. - Sept.	Nov. 2004 ^p	Oct. 2004 ^r	Sept. 2004	Nov. 2003	2004 ^p	2003	Percent 2004/2003
All manufacturing industries	379,029	377,457	371,479	0.4	1.6	-1.1	373,885	386,445	393,323	333,414	4,049,426	3,653,148	10.8
Excluding transportation	326,344	324,276	317,697	0.6	2.1	-1.0	321,479	330,501	335,069	281,395	3,453,645	3,085,273	11.9
Excluding defense	369,422	367,677	362,067	0.5	1.5	-1.0	364,149	376,928	382,913	324,312	3,943,315	3,555,956	10.9
With unfilled orders	136,459	137,392	136,310	-0.7	0.8	-0.7	134,529	139,055	146,766	121,357	1,471,846	1,326,868	10.9
Durable goods industries	199,799	200,030	199,341	-0.1	0.3	-1.0	197,231	204,073	215,833	179,050	2,165,058	1,961,356	10.4
Wood products.....	8,874	8,942	9,430	-0.8	-5.2	-3.3	8,532	9,339	10,095	8,135	101,732	85,680	18.7
Nonmetallic mineral products.....	7,851	7,613	7,470	3.1	1.9	-1.2	7,767	8,165	8,064	6,664	84,096	81,206	3.6
Primary metals.....	14,742	14,478	14,585	1.8	-0.7	0.5	14,113	14,805	14,955	10,370	152,104	121,029	25.7
Iron and steel mills.....	7,124	6,996	7,027	1.8	-0.4	-0.2	6,794	7,070	7,244	4,534	71,336	54,740	30.3
Aluminum and nonferrous metals.....	5,981	5,864	5,968	2.0	-1.7	1.5	5,751	6,044	6,064	4,630	63,609	52,064	22.2
Ferrous metal foundries.....	1,637	1,618	1,590	1.2	1.8	-0.1	1,568	1,691	1,647	1,206	17,159	14,225	20.6
Fabricated metal products.....	23,230	22,903	23,195	1.4	-1.3	0.1	22,847	23,947	24,427	19,744	250,378	225,900	10.8
Machinery.....	24,989	26,063	25,369	-4.1	2.7	1.9	23,249	25,661	26,427	19,826	268,090	231,007	16.1
Farm machinery.....	1,905	2,010	1,837	-5.2	9.4	-3.3	1,370	1,829	1,834	1,037	19,598	15,425	27.1
Construction machinery.....	2,727	2,657	2,650	2.6	0.3	5.4	2,388	2,614	2,507	1,665	26,365	19,329	36.4
Mining, oil field, and gas field machinery.....	975	980	963	-0.5	1.8	4.9	904	912	1,043	696	9,569	7,710	24.1
Industrial machinery.....	2,518	3,887	3,315	-35.2	17.3	3.8	2,121	3,829	3,567	2,295	35,293	31,338	12.6
Photographic equipment.....	917	864	839	6.1	3.0	-2.7	983	915	922	930	9,779	9,050	8.1
Ventilation, heating, air-conditioning, and refrigeration equipment.....	2,961	2,890	2,937	2.5	-1.6	7.4	2,781	2,710	3,168	2,397	30,918	27,750	11.4
Metalworking machinery.....	2,125	1,946	2,120	9.2	-8.2	1.0	2,408	2,141	2,537	1,583	22,620	18,365	23.2
Turbines, generators, and other power transmission equipment.....	3,233	3,350	3,301	-3.5	1.5	-0.1	3,042	3,313	3,470	2,701	34,502	29,175	18.3
Material handling equipment.....	1,648	1,554	1,530	6.0	1.6	-1.8	1,577	1,568	1,573	1,287	16,595	14,745	12.5
Computers and electronic products	40,425	40,217	38,889	0.5	3.4	-2.7	40,579	39,282	45,072	36,224	421,493	373,646	12.8
Computers.....	6,077	6,447	5,794	-5.7	11.3	8.5	5,683	7,534	6,550	4,897	61,349	52,927	15.9
Computer storage devices.....	1,524	1,507	1,546	1.1	-2.5	1.8	1,168	983	2,516	1,026	15,208	13,620	11.7
Other peripheral equipment.....	1,585	1,611	1,474	-1.6	9.3	-14.1	1,577	1,391	1,897	1,558	16,676	15,812	5.5
Nondefense communications equipment.....	6,510	6,362	6,390	2.3	-0.4	-8.4	6,762	5,801	7,244	6,414	69,033	63,160	9.3
Defense communications equipment.....	472	734	502	-35.7	46.2	-1.8	432	695	551	422	5,725	4,694	22.0
Audio and video equipment.....	784	763	703	2.8	8.5	-7.7	1,018	941	782	918	7,674	7,498	2.3
Semiconductors	7,415	7,236	6,835	2.5	5.9	-8.6	7,797	7,390	7,703	6,599	77,939	64,493	20.8
Electronic components.....	4,857	4,575	4,567	6.2	0.2	-0.3	5,349	4,505	4,974	4,636	49,656	45,296	9.6
Nondefense search and navigation equipment.....	943	941	939	0.2	0.2	6.6	926	889	1,087	764	9,934	9,135	8.7
Defense search and navigation equipment.....	2,851	2,753	2,764	3.6	-0.4	1.2	2,940	2,666	2,955	2,614	29,028	26,462	9.7
Electromedical, measuring, and control instruments.....	6,872	6,743	6,864	1.9	-1.8	-1.3	6,296	5,852	8,255	5,722	73,320	64,931	12.9
Electrical equipment, appliances, and components.....	9,043	8,940	8,920	1.2	0.2	-3.0	9,132	8,867	9,966	8,545	97,109	92,358	5.1
Electric lighting equipment.....	1,100	1,078	1,102	2.0	-2.2	0.6	1,110	1,047	1,233	1,058	11,682	11,296	3.4
Household appliances.....	2,096	2,056	2,116	1.9	-2.8	0.9	2,188	1,979	2,302	2,040	22,302	21,567	3.4
Electrical equipment.....	2,719	2,700	2,611	0.7	3.4	-3.7	2,587	2,621	2,993	2,341	28,932	27,081	6.8
Batteries.....	515	514	520	0.2	-1.2	0.0	673	586	632	635	5,567	5,181	7.5
Transportation equipment.....	52,685	53,181	53,782	-0.9	-1.1	-1.6	52,406	55,944	58,254	52,019	595,781	567,875	4.9
Automobiles.....	7,227	7,074	7,515	2.2	-5.9	-2.2	7,117	7,767	8,210	6,811	83,115	79,724	4.3
Light trucks and utility vehicles.....	11,175	11,136	11,212	0.4	-0.7	1.4	11,076	12,324	12,312	10,494	125,111	118,330	5.7
Heavy duty trucks	1,427	1,296	1,339	10.1	-3.2	4.9	1,311	1,442	1,380	1,014	13,859	11,965	15.8
Motor vehicle bodies, parts, and trailers.....	17,810	17,927	18,216	-0.7	-1.6	-2.1	17,634	19,241	19,054	17,209	203,945	198,811	2.6
Nondefense aircraft and parts.....	5,601	6,253	6,306	-10.4	-0.8	-0.1	5,677	5,763	6,994	6,330	64,131	60,771	5.5
Defense aircraft and parts.....	3,410	3,487	3,427	-2.2	1.8	-8.0	3,428	3,393	3,924	3,257	39,882	35,703	11.7
Ships and boats.....	2,434	2,441	2,319	-0.3	5.3	-1.4	2,536	2,656	2,357	2,395	26,452	23,741	11.4
Furniture and related products.....	6,392	6,331	6,169	1.0	2.6	-2.4	6,376	6,586	6,458	5,977	68,932	64,197	7.4
Miscellaneous durable goods	11,568	11,362	11,532	1.8	-1.5	1.6	12,230	11,477	12,115	11,546	125,343	118,458	5.8
Nondurable goods industries.....	179,230	177,427	172,138	1.0	3.1	-1.1	176,654	182,372	177,490	154,364	1,884,368	1,691,792	11.4
Food products.....	41,922	41,478	40,538	1.1	2.3	-1.4	42,889	43,417	42,046	39,922	446,208	421,556	5.8
Grain and oilseed milling.....	3,220	3,260	3,228	-1.2	1.0	4.1	3,380	3,345	3,214	4,549	36,869	45,581	-19.1
Dairy products.....	6,605	6,380	6,144	3.5	3.8	-2.9	6,639	6,244	6,322	5,847	70,106	60,050	16.7
Meat, poultry, and seafood products.....	13,166	13,067	12,967	0.8	0.8	0.2	13,317	13,581	13,085	11,274	135,098	122,969	9.9
Beverage and tobacco products.....	9,220	9,169	9,238	0.6	-0.7	-0.8	9,010	9,107	9,409	8,343	100,171	96,856	3.4
Beverages.....	6,166	6,078	6,128	1.4	-0.8	0.3	5,956	6,016	6,299	5,454	66,265	62,976	5.2
Tobacco.....	3,054	3,091	3,110	-1.2	-0.6	-2.8	3,054	3,091	3,110	2,889	33,906	33,880	0.1
Textile mills.....	3,412	3,394	3,485	0.5	-2.6	-0.1	3,319	3,579	3,766	3,252	38,241	36,764	4.0
Textile products.....	3,170	3,162	3,130	0.3	1.0	-0.9	3,158	3,322	3,203	3,005	35,182	32,279	9.0
Apparel.....	4,664	4,683	4,727	-0.4	-0.9	1.5	4,727	5,362	5,065	4,635	52,326	48,973	6.8
Leather and allied products.....	845	847	872	-0.2	-2.9	-3.8	879	883	907	963	9,642	9,971	-3.3
Paper products.....	14,632	14,450	14,409	1.3	0.3	-2.0	14,439	14,681	14,784	12,905	158,000	146,163	8.1
Pulp, paper, and paperboard mills.....	6,158	6,112	6,055	0.8	0.9	0.3	6,071	6,215	6,136	5,351	66,033	63,044	4.7
Paperboard containers.....	4,032	3,946	3,930	2.2	0.4	-3.2	3,949	4,103	4,020	3,422	42,624	40,245	5.9
Printing.....	7,808	7,871	7,926	-0.8	-0.7	1.8	8,198	8,511	8,399	8,204	86,811	86,891	-0.1
Petroleum and coal products.....	31,829	31,776	29,082	0.2	9.3	0.2	30,285	32,280	29,666	21,132	307,795	221,574	38.9
Petroleum refineries.....	29,346	29,411	26,808	-0.2	9.7	0.3	27,909	29,633	26,988	19,444	282,894	202,423	39.8
Basic chemicals.....	44,348	43,555	41,628	1.8	4.6	-2.7	43,294	43,705	42,802	37,419	463,411	420,132	10.3
Pesticides, fertilizers, and other agricultural chemicals.....	1,765	1,836	1,822	-3.9	0.8	0.8	1,368	1,384	1,326	1,365	19,090	17,273	10.5
Pharmaceuticals and medicines.....	10,361	9,937	8,766	4.3	13.4	-12.2	10,733	10,409	9,628	9,889	107,699	108,325	-0.6
Paints, coatings, and adhesives.....	2,496	2,472	2,513	1.0	-1.6	-1.7	2,324	2,439	2,594	2,151	28,174	26,436	6.6
Plastics and rubber products.....	17,380	17,042	17,103	2.0	-0.4	-0.7	16,456	17,525	17,443	14,584	186,581	170,633	9.3

^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		
	Nov. 2004 ^p	Oct. 2004 ^r	Sept. 2004	Oct. - Nov.	Sept. - Oct.	Aug. - Sept.	Nov. 2004 ^p	Oct. 2004 ^r	Sept. 2004	Nov. 2003	2004 ^p	2003	Percent 2004/ 2003
All manufacturing industries ²	377,424	372,953	369,578	1.2	0.9	0.0	371,158	379,886	386,534	330,467	4,007,124	3,603,305	11.2
Excluding transportation ²	320,140	320,300	316,980	0.0	1.0	0.6	314,607	326,073	330,956	278,096	3,406,046	3,035,714	12.2
Excluding defense ²	367,336	359,250	357,888	2.3	0.4	-0.6	361,675	367,425	375,506	320,207	3,898,176	3,498,649	11.4
With unfilled orders ²	142,269	140,124	141,244	1.5	-0.8	1.8	139,599	139,886	147,680	125,009	1,507,483	1,341,518	12.4
Durable goods industries ²	198,194	195,526	197,440	1.4	-1.0	1.0	194,504	197,514	209,044	176,103	2,122,756	1,911,513	11.1
Primary metals.....	14,742	14,199	14,449	3.8	-1.7	-3.2	13,940	13,606	14,439	11,018	154,561	122,113	26.6
Iron and steel mills.....	7,044	6,597	6,816	6.8	-3.2	-7.3	6,655	5,892	6,876	5,135	72,281	55,919	29.3
Aluminum and nonferrous metals.....	6,010	5,980	6,013	0.5	-0.5	0.7	5,654	6,004	5,921	4,661	64,730	51,831	24.9
Ferrous metal foundries.....	1,688	1,622	1,620	4.1	0.1	0.7	1,631	1,710	1,642	1,222	17,550	14,363	22.2
Fabricated metal products.....	23,384	23,740	23,228	-1.5	2.2	-1.4	22,750	24,593	23,431	20,465	257,138	226,891	13.3
Machinery.....	25,598	26,977	26,196	-5.1	3.0	3.4	23,981	26,667	26,882	20,893	275,308	230,836	19.3
Construction machinery.....	2,913	2,925	2,810	-0.4	4.1	3.5	2,716	2,879	2,505	2,063	28,302	19,829	42.7
Mining, oil field, and gas field machinery.....	1,100	962	945	14.3	1.8	6.7	1,029	894	1,025	809	9,969	7,929	25.7
Industrial machinery.....	2,656	3,992	3,913	-33.5	2.0	15.4	2,235	4,210	3,920	2,279	37,416	31,396	19.2
Photographic equipment.....	906	896	850	1.1	5.4	0.0	975	957	914	960	9,860	9,315	5.9
Ventilation, heating, air-conditioning, and refrigeration equipment.....	2,981	2,848	2,940	4.7	-3.1	8.8	2,798	2,606	3,019	2,372	31,138	28,162	10.6
Metalworking machinery.....	2,092	1,976	2,131	5.9	-7.3	2.2	2,413	2,292	2,489	1,764	23,235	18,724	24.1
Turbines, generators, and other power transmission equipment.....	3,139	3,280	3,256	-4.3	0.7	-8.9	2,954	3,163	3,404	3,062	34,848	26,856	29.8
Material handling equipment.....	1,720	1,647	1,618	4.4	1.8	4.5	1,657	1,589	1,920	1,304	16,818	14,539	15.7
Computers and electronic products ²	32,423	34,382	36,878	-5.7	-6.8	13.2	32,037	33,954	41,752	29,924	353,032	319,790	10.4
Computers.....	6,062	5,699	6,758	6.4	-15.7	32.6	6,015	6,779	7,355	5,204	61,124	53,674	13.9
Nondefense communications equipment.....	6,075	6,192	6,140	-1.9	0.8	-8.2	6,240	6,228	7,111	5,469	67,318	70,561	-4.6
Defense communications equipment.....	397	4,030	3,430	-90.1	17.5	822.0	357	3,991	3,479	522	11,755	5,054	132.6
Semiconductors ²	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	4,539	4,090	4,351	11.0	-6.0	-13.2	4,798	3,885	4,764	4,795	50,267	43,496	15.6
Nondefense search and navigation equipment.....	987	700	1,140	41.0	-38.6	6.9	918	688	1,260	824	10,250	9,391	9.1
Defense search and navigation equipment.....	3,026	2,851	3,084	6.1	-7.6	12.3	3,021	2,446	3,307	2,844	30,467	27,503	10.8
Electromedical, measuring, and control instruments.....	6,909	6,394	7,741	8.1	-17.4	9.4	6,294	5,987	8,723	6,110	76,342	67,563	13.0
Electrical equipment, appliances, and components.....	9,333	8,896	9,176	4.9	-3.1	-2.8	9,467	8,904	9,958	8,389	99,218	92,504	7.3
Electric lighting equipment.....	1,221	1,154	1,196	5.8	-3.5	-8.7	1,205	1,124	1,270	967	12,287	11,197	9.7
Household appliances.....	2,196	1,961	2,082	12.0	-5.8	-9.1	2,446	1,849	2,224	2,119	22,608	21,629	4.5
Electrical equipment.....	2,738	2,744	2,734	-0.2	0.4	2.7	2,564	2,783	3,023	2,203	29,641	27,545	7.6
Transportation equipment.....	57,284	52,653	52,598	8.8	0.1	-3.5	56,551	53,813	55,578	52,371	601,078	567,591	5.9
Motor vehicle bodies, parts, and trailers.....	17,668	17,407	18,346	1.5	-5.1	-2.8	17,724	18,493	19,007	17,760	204,641	199,636	2.5
Nondefense aircraft and parts.....	9,587	5,837	5,557	64.2	5.0	-17.1	9,610	4,589	6,634	5,111	72,362	52,280	38.4
Defense aircraft and parts.....	3,389	3,303	2,407	2.6	37.2	-13.4	2,848	2,621	2,141	3,126	31,804	38,824	-18.1
Ships and boats.....	2,838	2,529	1,833	12.2	38.0	-15.6	3,089	2,975	1,534	3,500	25,014	22,925	9.1
Furniture and related products.....	6,538	6,363	6,220	2.8	2.3	-1.4	6,650	6,597	6,467	6,158	70,022	64,670	8.3
Nondurable goods industries.....	179,230	177,427	172,138	1.0	3.1	-1.1	176,654	182,372	177,490	154,364	1,884,368	1,691,792	11.4

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

Note: Estimates of manufacturers' shipments, inventories and orders are subject to survey error and revision. One major component of survey error is nonsampling error, which includes errors of coverage, response, and nonreporting. Since the survey panel is not a probability sample, estimates of sampling error cannot be calculated. Further details on survey design, methodology, and data limitations are contained in our most recent annual benchmark publication, Current Industrial Reports: M3-1(02), "Manufacturers' Shipments, Inventories, and Orders: 1992-2002."

Table 3. Value of Manufacturers' Unfilled Orders for Industry Groups

[Millions of Dollars]

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Nov. 04/03
	Nov. 2004 ^p	Oct. 2004 ^r	Sept. 2004	Oct. - Nov.	Sept. - Oct.	Aug. - Sept.	Nov. 2004 ^p	Oct. 2004 ^r	Sept. 2004	Nov. 2003	
All manufacturing industries ¹	548,786	542,976	540,244	1.1	0.5	0.9	538,053	532,983	532,152	495,329	8.6
Excluding transportation ¹	286,367	285,156	281,896	0.4	1.2	2.2	281,475	280,550	277,588	251,197	12.1
Excluding defense ¹	382,216	376,887	378,078	1.4	-0.3	0.7	377,259	371,936	374,049	343,320	9.9
Durable goods industries ¹	548,786	542,976	540,244	1.1	0.5	0.9	538,053	532,983	532,152	495,329	8.6
Primary metals.....	19,728	19,728	20,007	0.0	-1.4	-0.7	18,459	18,632	19,831	15,543	18.8
Iron and steel mills.....	10,970	11,050	11,449	-0.7	-3.5	-1.8	10,212	10,351	11,529	8,979	13.7
Aluminum and nonferrous metals.....	5,997	5,968	5,852	0.5	2.0	0.8	5,539	5,636	5,676	4,248	30.4
Ferrous metal foundries.....	2,761	2,710	2,706	1.9	0.1	1.1	2,708	2,645	2,626	2,316	16.9
Fabricated metal products.....	45,821	45,667	44,830	0.3	1.9	0.1	44,781	44,878	44,232	37,891	18.2
Machinery.....	50,825	50,216	49,302	1.2	1.9	1.7	50,100	49,368	48,362	42,249	18.6
Construction machinery.....	4,942	4,756	4,488	3.9	6.0	3.7	4,643	4,315	4,050	2,509	85.1
Mining, oil field, and gas field machinery.....	1,462	1,337	1,355	9.3	-1.3	-1.3	1,462	1,337	1,355	1,117	30.9
Industrial machinery.....	9,541	9,403	9,298	1.5	1.1	6.9	9,461	9,347	8,966	7,530	25.6
Photographic equipment.....	907	918	886	-1.2	3.6	1.3	908	916	874	819	10.9
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,643	4,623	4,665	0.4	-0.9	0.1	4,467	4,450	4,554	4,408	1.3
Metalworking machinery.....	4,555	4,588	4,558	-0.7	0.7	0.2	4,575	4,570	4,419	4,002	14.3
Turbines, generators, and other power transmission equipment.....	9,763	9,857	9,927	-1.0	-0.7	-0.5	9,684	9,772	9,922	8,411	15.1
Material handling equipment.....	5,136	5,064	4,971	1.4	1.9	1.8	5,084	5,004	4,983	4,683	8.6
Computers and electronic products ¹	140,610	141,197	139,796	-0.4	1.0	3.6	138,634	139,379	137,317	129,454	7.1
Computers.....	8,296	8,311	9,059	-0.2	-8.3	11.9	8,580	8,248	9,003	8,871	-3.3
Nondefense communications equipment.....	45,262	45,697	45,867	-1.0	-0.4	-0.5	44,665	45,187	44,760	49,206	-9.2
Defense communications equipment.....	9,419	9,494	6,198	-0.8	53.2	89.5	9,419	9,494	6,198	3,302	185.3
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	14,810	15,128	15,613	-2.1	-3.1	-1.4	14,540	15,091	15,711	13,684	6.3
Nondefense search and navigation equipment.....	4,976	4,932	5,173	0.9	-4.7	4.0	4,897	4,905	5,106	4,745	3.2
Defense search and navigation equipment.....	38,768	38,593	38,495	0.5	0.3	0.8	37,513	37,432	37,652	34,675	8.2
Electromedical, measuring, and control instruments.....	19,079	19,042	19,391	0.2	-1.8	4.7	19,020	19,022	18,887	14,971	27.0
Electrical equipment, appliances, and components.....	15,535	15,245	15,289	1.9	-0.3	1.7	15,524	15,189	15,152	13,938	11.4
Electric lighting equipment.....	1,894	1,773	1,697	6.8	4.5	5.9	1,862	1,767	1,690	1,356	37.3
Household appliances.....	961	861	956	11.6	-9.9	-3.4	1,073	815	945	961	11.7
Electrical equipment.....	8,974	8,955	8,911	0.2	0.5	1.4	8,982	9,005	8,843	8,535	5.2
Transportation equipment.....	262,419	257,820	258,348	1.8	-0.2	-0.5	256,578	252,433	254,564	244,132	5.1
Motor vehicle bodies, parts, and trailers.....	14,805	14,947	15,467	-1.0	-3.4	0.8	14,316	14,226	14,974	12,958	10.5
Nondefense aircraft and parts.....	114,194	110,208	110,624	3.6	-0.4	-0.7	113,302	109,369	110,543	103,003	10.0
Defense aircraft and parts.....	55,057	55,078	55,262	0.0	-0.3	-1.8	52,692	53,272	54,044	59,085	-10.8
Ships and boats.....	19,590	19,186	19,098	2.1	0.5	-2.5	19,023	18,470	18,151	19,832	-4.1
Furniture and related products.....	6,317	6,171	6,139	2.4	0.5	0.8	6,446	6,172	6,161	5,727	12.6

^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 Nov. 04/03
	Nov. 2004 ^P	Oct. 2004 ^r	Sept. 2004	Oct. - Nov.	Sept. - Oct.	Aug. - Sept.	Nov. 2004 ^P	Oct. 2004 ^r	Sept. 2004	Nov. 2003	
All manufacturing industries.....	469,679	466,386	462,377	0.7	0.9	0.1	471,107	469,939	463,013	439,491	7.2
Excluding transportation.....	399,801	397,684	393,820	0.5	1.0	0.2	400,748	400,585	394,091	371,927	7.7
Excluding defense.....	445,241	442,147	438,219	0.7	0.9	0.0	446,599	445,569	438,750	415,944	7.4
With unfilled orders.....	220,613	218,656	216,623	0.9	0.9	0.3	221,871	219,790	215,943	205,635	7.9
Durable goods industries.....	282,291	280,101	278,013	0.8	0.8	0.3	283,363	281,044	277,040	262,264	8.0
Wood products.....	10,158	10,201	10,285	-0.4	-0.8	-0.3	10,176	10,184	10,290	9,701	4.9
Nonmetallic mineral products.....	9,594	9,612	9,412	-0.2	2.1	0.5	9,329	9,320	9,244	8,995	3.7
Primary metals.....	21,201	20,823	20,161	1.8	3.3	2.6	21,422	20,932	20,114	17,343	23.5
Iron and steel mills.....	12,191	11,947	11,398	2.0	4.8	4.8	12,434	12,086	11,410	9,236	34.6
Aluminum and nonferrous metals.....	7,091	6,976	6,896	1.6	1.2	-0.3	7,115	6,995	6,895	6,490	9.6
Ferrous metal foundries.....	1,919	1,900	1,867	1.0	1.8	1.2	1,873	1,851	1,809	1,617	15.8
Fabricated metal products.....	34,871	34,664	34,339	0.6	0.9	1.0	34,652	34,587	34,238	30,778	12.6
Machinery.....	45,530	44,994	44,925	1.2	0.2	0.5	45,974	45,126	44,637	41,579	10.6
Farm machinery.....	2,579	2,451	2,426	5.2	1.0	1.1	2,557	2,275	2,309	2,172	17.7
Construction machinery.....	4,210	4,178	4,138	0.8	1.0	0.5	4,250	4,180	4,092	3,498	21.5
Mining, oil field, and gas field machinery.....	2,281	2,256	2,263	1.1	-0.3	-3.4	2,282	2,263	2,265	2,270	0.5
Industrial machinery.....	7,020	6,912	7,092	1.6	-2.5	-0.2	7,105	6,849	7,029	6,679	6.4
Photographic equipment.....	1,401	1,395	1,431	0.4	-2.5	1.0	1,419	1,438	1,460	1,408	0.8
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,550	4,504	4,485	1.0	0.4	0.3	4,566	4,522	4,417	4,162	9.7
Metalworking machinery.....	4,410	4,402	4,371	0.2	0.7	1.3	4,415	4,497	4,412	4,394	0.5
Turbines, generators, and other power transmission equipment.....	5,024	4,879	4,813	3.0	1.4	1.1	5,304	5,074	4,855	4,162	27.4
Material handling equipment.....	2,665	2,630	2,529	1.3	4.0	3.4	2,709	2,634	2,520	2,358	14.9
Computers and electronic products.....	49,561	49,648	49,095	-0.2	1.1	0.2	50,139	50,070	48,606	47,613	5.3
Computers.....	2,665	2,672	2,757	-0.3	-3.1	5.5	2,781	2,613	2,963	2,490	11.7
Computer storage devices.....	1,337	1,329	1,291	0.6	2.9	4.3	1,459	1,384	1,198	1,297	12.5
Other peripheral equipment.....	2,391	2,411	2,391	-0.8	0.8	-1.6	2,501	2,549	2,352	2,491	0.4
Nondefense communications equipment.....	9,844	9,869	9,615	-0.3	2.6	-0.5	10,153	9,928	9,541	10,092	0.6
Defense communications equipment.....	1,130	1,185	1,183	-4.6	0.2	-2.7	1,130	1,185	1,183	1,250	-9.6
Audio and video equipment.....	1,124	1,091	1,105	3.0	-1.3	1.5	1,237	1,272	1,237	1,037	19.3
Semiconductors ¹	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Electronic components.....	7,973	8,045	7,734	-0.9	4.0	-2.4	7,833	8,126	7,436	7,325	6.9
Nondefense search and navigation equipment.....	2,552	2,538	2,517	0.6	0.8	1.8	2,585	2,571	2,505	2,543	1.7
Defense search and navigation equipment.....	2,840	2,854	2,899	-0.5	-1.6	1.8	2,819	2,886	2,899	2,810	0.3
Electromedical, measuring and control instruments.....	10,559	10,435	10,306	1.2	1.3	0.4	10,644	10,415	10,107	10,413	2.2
Electrical equipment, appliances, and components.....	12,928	12,993	13,059	-0.5	-0.5	0.1	12,800	12,859	12,685	12,253	4.5
Electric lighting equipment.....	1,495	1,482	1,477	0.9	0.3	-0.3	1,482	1,472	1,457	1,388	6.8
Household appliances.....	2,282	2,360	2,376	-3.3	-0.7	-1.0	2,242	2,331	2,260	2,065	8.6
Electrical equipment.....	4,496	4,456	4,498	0.9	-0.9	0.3	4,504	4,405	4,335	4,115	9.5
Batteries.....	639	646	648	-1.1	-0.3	4.0	607	653	655	552	10.0
Transportation equipment.....	69,878	68,702	68,557	1.7	0.2	-0.7	70,359	69,354	68,922	67,564	4.1
Automobiles.....	2,169	2,200	2,254	-1.4	-2.4	0.4	2,095	2,163	2,332	1,750	19.7
Light trucks and utility vehicles.....	2,613	2,525	2,610	3.5	-3.3	4.7	2,662	2,555	2,694	2,336	14.0
Heavy duty trucks.....	828	836	827	-1.0	1.1	2.9	843	858	858	756	11.5
Motor vehicle bodies, parts, and trailers.....	16,543	16,394	16,256	0.9	0.8	0.8	16,451	16,313	16,226	15,295	7.6
Nondefense aircraft and parts.....	23,705	23,044	23,092	2.9	-0.2	-4.4	24,168	23,641	23,221	24,652	-2.0
Defense aircraft and parts.....	11,841	11,840	11,729	0.0	0.9	1.9	11,887	11,927	11,764	11,135	6.8
Ships and boats.....	3,313	3,210	3,254	3.2	-1.4	3.8	3,313	3,202	3,239	2,896	14.4
Furniture and related products.....	8,483	8,476	8,340	0.1	1.6	0.8	8,484	8,507	8,380	7,636	11.1
Miscellaneous durable goods.....	20,087	19,988	19,840	0.5	0.7	0.6	20,028	20,105	19,924	18,802	6.5
Nondurable goods industries.....	187,388	186,285	184,364	0.6	1.0	-0.3	187,744	188,895	185,973	177,227	5.9
Food products.....	33,712	33,790	33,757	-0.2	0.1	-0.5	35,182	36,174	34,516	35,041	0.4
Grain and oilseed milling.....	2,749	2,790	2,915	-1.5	-4.3	3.3	2,825	2,984	2,780	3,811	-25.9
Dairy products.....	3,906	3,928	3,968	-0.6	-1.0	-0.4	3,717	3,893	3,953	3,428	8.4
Meat, poultry, and seafood products.....	6,317	6,251	6,338	1.1	-1.4	-1.2	6,499	6,512	6,448	6,380	1.9
Beverage and tobacco products.....	14,882	14,977	15,143	-0.6	-1.1	0.0	15,167	15,466	15,411	15,147	0.1
Beverages.....	10,329	10,386	10,453	-0.5	-0.6	-0.2	10,471	10,735	10,691	10,224	2.4
Tobacco.....	4,553	4,591	4,690	-0.8	-2.1	0.5	4,696	4,731	4,720	4,923	-4.6
Textile mills.....	4,767	4,777	4,810	-0.2	-0.7	-0.4	4,685	4,695	4,754	4,941	-5.2
Textile products.....	5,241	5,258	5,230	-0.3	0.5	0.6	5,114	5,221	5,266	4,972	2.9
Apparel.....	7,346	7,299	7,273	0.6	0.4	1.7	7,057	7,242	7,441	6,844	3.1
Leather and allied products.....	1,653	1,642	1,605	0.7	2.3	0.7	1,641	1,642	1,628	1,680	-2.3
Paper products.....	14,941	14,917	14,676	0.2	1.6	-0.5	14,917	14,826	14,657	14,593	2.2
Pulp, paper, and paperboard mills.....	6,295	6,322	6,303	-0.4	0.3	0.8	6,295	6,246	6,259	6,599	-4.6
Paperboard containers.....	4,555	4,516	4,304	0.9	4.9	-3.1	4,527	4,504	4,340	4,041	12.0
Printing.....	6,771	6,796	6,686	-0.4	1.6	2.3	6,844	7,105	7,007	6,252	9.5
Petroleum and coal products.....	18,946	18,445	17,311	2.7	6.6	-0.9	18,518	18,695	17,836	14,870	24.5
Petroleum refineries.....	17,149	16,665	15,585	2.9	6.9	-1.2	16,743	16,952	16,117	13,302	25.9
Basic chemicals.....	56,066	55,586	55,498	0.9	0.2	-1.4	55,798	55,208	55,271	53,081	5.1
Pesticides, fertilizers, and other agricultural chemicals.....	2,396	2,384	2,359	0.5	1.1	-1.0	2,366	2,215	2,104	2,189	8.1
Pharmaceuticals and medicines.....	22,235	22,173	22,566	0.3	-1.7	-3.6	22,232	22,225	22,676	21,443	3.7
Paints, coatings, and adhesives.....	2,888	2,850	2,844	1.3	0.2	0.2	2,809	2,806	2,807	2,648	6.1
Plastics and rubber products.....	23,063	22,798	22,375	1.2	1.9	1.7	22,821	22,621	22,186	19,806	15.2

^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						Percent Change ⁶ 2004/ 2003
	Monthly			Percent Change			Monthly			Year to date			
	Nov. 2004 ^p	Oct. 2004 ^r	Sept. 2004	Oct. - Nov.	Sept. - Oct.	Aug. - Sept.	Nov. 2004 ^p	Oct. 2004 ^r	Sept. 2004	Nov. 2003	2004 ^p	2003	
SHIPMENTS													
All manufacturing industries	379,029	377,457	371,479	0.4	1.6	-1.1	373,885	386,445	393,323	333,414	4,049,426	3,653,148	10.8
Construction materials and supplies.....	39,780	39,254	39,854	1.3	-1.5	-0.8	38,626	41,123	42,687	33,889	434,004	388,700	11.7
Information technology.....	31,683	31,862	30,897	-0.6	3.1	-2.1	30,990	30,936	36,123	28,390	332,303	300,140	10.7
Computers and related products	9,186	9,565	8,814	-4.0	8.5	2.8	8,428	9,908	10,963	7,481	93,233	82,359	13.2
Motor vehicle and parts.....	37,639	37,433	38,282	0.6	-2.2	-0.9	37,138	40,774	40,956	35,528	426,030	408,830	4.2
Capital goods.....	72,359	74,127	72,403	-2.4	2.4	-0.8	70,025	72,576	79,908	64,186	776,817	698,182	11.3
Nondefense capital goods ³	64,146	65,798	64,357	-2.5	2.2	-0.3	61,675	64,408	71,230	56,457	686,144	615,266	11.5
Excluding aircraft.....	62,077	63,207	61,753	-1.8	2.4	-0.3	59,493	62,244	68,462	53,325	660,320	587,823	12.3
Defense capital goods ⁴	8,213	8,329	8,046	-1.4	3.5	-4.5	8,350	8,168	8,678	7,729	90,673	82,916	9.4
Consumer goods.....	145,885	144,424	140,215	1.0	3.0	-1.4	146,017	150,328	146,302	129,748	1,544,461	1,399,718	10.3
Consumer durable goods.....	34,915	34,421	34,875	1.4	-1.3	-0.2	35,381	36,827	37,476	33,445	386,104	366,953	5.2
Consumer nondurable goods.....	110,970	110,003	105,340	0.9	4.4	-1.8	110,636	113,501	108,826	96,303	1,158,357	1,032,765	12.2
NEW ORDERS													
All manufacturing industries ⁵	377,424	372,953	369,578	1.2	0.9	0.0	371,158	379,886	386,534	330,467	4,007,124	3,603,305	11.2
Construction materials and supplies.....	39,889	39,868	39,620	0.1	0.6	-2.0	38,498	41,526	41,435	34,291	438,798	389,618	12.6
Information technology.....	31,453	33,711	36,021	-6.7	-6.4	15.9	30,793	33,588	40,711	28,554	341,740	312,561	9.3
Computers and related products	9,171	8,817	9,778	4.0	-9.8	17.4	8,760	9,153	11,768	7,788	93,008	83,106	11.9
Motor vehicle and parts.....	37,497	36,913	38,412	1.6	-3.9	-1.2	37,228	40,026	40,909	36,079	426,726	409,655	4.2
Capital goods.....	78,168	77,539	77,770	0.8	-0.3	6.0	75,437	75,791	83,228	65,104	802,849	711,489	12.8
Nondefense capital goods ³	69,549	64,911	67,076	7.1	-3.2	3.2	67,222	64,065	73,348	56,343	706,431	621,532	13.7
Excluding aircraft.....	62,960	62,482	65,069	0.8	-4.0	5.4	60,573	62,821	70,788	54,051	671,221	600,327	11.8
Defense capital goods ⁴	8,619	12,628	10,694	-31.7	18.1	27.5	8,215	11,726	9,880	8,761	96,418	89,957	7.2
Consumer goods.....	146,810	144,580	140,494	1.5	2.9	-1.4	147,205	150,367	146,493	130,436	1,546,326	1,400,849	10.4
Consumer durable goods.....	35,840	34,577	35,154	3.7	-1.6	-0.1	36,569	36,866	37,667	34,133	387,969	368,084	5.4
Consumer nondurable goods.....	110,970	110,003	105,340	0.9	4.4	-1.8	110,636	113,501	108,826	96,303	1,158,357	1,032,765	12.2
UNFILLED ORDERS													
All manufacturing industries ⁵	548,786	542,976	540,244	1.1	0.5	0.9	538,053	532,983	532,152	495,329	(X)	(X)	8.6
Construction materials and supplies.....	37,624	37,515	36,901	0.3	1.7	-0.6	36,663	36,791	36,388	32,051	(X)	(X)	14.4
Information technology.....	130,413	130,643	128,794	-0.2	1.4	4.1	128,609	128,806	126,154	119,675	(X)	(X)	7.5
Computers and related products	8,296	8,311	9,059	-0.2	-8.3	11.9	8,580	8,248	9,003	8,871	(X)	(X)	-3.3
Motor vehicle and parts.....	14,805	14,947	15,467	-1.0	-3.4	0.8	14,316	14,226	14,974	12,958	(X)	(X)	10.5
Capital goods.....	390,882	385,073	381,661	1.5	0.9	1.4	383,829	378,417	375,202	352,018	(X)	(X)	9.0
Nondefense capital goods ³	241,924	236,521	237,408	2.3	-0.4	1.2	239,834	234,287	234,630	219,668	(X)	(X)	9.2
Excluding aircraft.....	151,383	150,500	151,225	0.6	-0.5	2.2	150,185	149,105	148,528	140,775	(X)	(X)	6.7
Defense capital goods ⁴	148,958	148,552	144,253	0.3	3.0	1.9	143,995	144,130	140,572	132,350	(X)	(X)	8.8
Consumer goods.....	14,400	13,475	13,319	6.9	1.2	2.1	14,476	13,288	13,249	12,998	(X)	(X)	11.4
Consumer durable goods.....	14,400	13,475	13,319	6.9	1.2	2.1	14,476	13,288	13,249	12,998	(X)	(X)	11.4
TOTAL INVENTORIES													
All manufacturing industries	469,679	466,386	462,377	0.7	0.9	0.1	471,107	469,939	463,013	439,491	(X)	(X)	7.2
Construction materials and supplies.....	51,088	50,821	50,441	0.5	0.8	0.6	50,606	50,373	50,087	45,759	(X)	(X)	10.6
Information technology.....	40,296	40,277	40,019	0.0	0.6	0.6	41,118	40,701	39,901	40,415	(X)	(X)	1.7
Computers and related products	6,393	6,412	6,439	-0.3	-0.4	2.5	6,741	6,546	6,513	6,278	(X)	(X)	7.4
Motor vehicle and parts.....	22,153	21,955	21,947	0.9	0.0	1.3	22,051	21,889	22,110	20,137	(X)	(X)	9.5
Capital goods.....	130,750	129,087	128,690	1.3	0.3	-0.1	132,514	129,927	128,288	125,836	(X)	(X)	5.3
Nondefense capital goods ³	110,927	109,534	109,235	1.3	0.3	-0.3	112,662	110,408	108,832	106,691	(X)	(X)	5.6
Excluding aircraft.....	93,843	92,985	92,513	0.9	0.5	0.6	95,131	93,347	91,949	89,143	(X)	(X)	6.7
Defense capital goods ⁴	19,823	19,553	19,455	1.4	0.5	0.9	19,852	19,519	19,456	19,145	(X)	(X)	3.7
Consumer goods.....	143,223	142,833	142,105	0.3	0.5	-0.4	144,076	146,084	144,128	136,694	(X)	(X)	5.4
Consumer durable goods.....	29,812	29,832	29,797	-0.1	0.1	1.1	29,692	30,020	29,962	26,861	(X)	(X)	10.5
Consumer nondurable goods.....	113,411	113,001	112,308	0.4	0.6	-0.8	114,384	116,064	114,166	109,833	(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 Nov. 04/03
	Nov. 2004 ^p	Oct. 2004 ^r	Sept. 2004	Oct. - Nov.	Sept. - Oct.	Aug. - Sept.	Nov. 2004 ^p	Oct. 2004 ^r	Sept. 2004	Nov. 2003	
<u>MATERIALS AND SUPPLIES</u>											
All manufacturing industries	154,686	153,856	151,950	0.5	1.3	0.4	154,934	154,523	151,911	143,022	8.3
Durable goods industries	93,555	92,714	91,382	0.9	1.5	0.8	94,045	93,121	91,344	84,077	11.9
Wood products.....	3,827	3,885	3,903	-1.5	-0.5	-1.3	4,115	4,173	4,039	3,970	3.7
Nonmetallic mineral products.....	3,385	3,378	3,359	0.2	0.6	0.0	3,390	3,394	3,376	3,253	4.2
Primary metals.....	8,278	8,035	7,846	3.0	2.4	3.4	8,500	8,234	7,906	5,844	45.4
Fabricated metal products.....	13,548	13,352	13,115	1.5	1.8	2.3	13,462	13,262	13,185	10,953	22.9
Machinery.....	13,849	13,577	13,378	2.0	1.5	1.7	13,893	13,658	13,307	12,253	13.4
Computers and electronic products	17,414	17,302	16,826	0.6	2.8	-1.1	17,374	17,208	16,649	16,472	5.5
Electrical equipment, appliances, and components.....	4,854	4,881	4,820	-0.6	1.3	0.8	4,847	4,840	4,706	4,617	5.0
Transportation equipment.....	17,957	17,879	17,805	0.4	0.4	-0.2	18,046	17,920	17,834	17,255	4.6
Furniture and related products.....	3,649	3,659	3,644	-0.3	0.4	2.5	3,641	3,637	3,645	3,238	12.4
Miscellaneous products.....	6,794	6,766	6,686	0.4	1.2	1.6	6,777	6,795	6,697	6,222	8.9
Non durable goods industries.....	61,131	61,142	60,568	0.0	0.9	-0.3	60,889	61,402	60,567	58,945	3.3
Food products.....	9,619	9,746	9,654	-1.3	1.0	1.6	9,755	10,014	9,461	11,033	-11.6
Beverage and tobacco products.....	5,370	5,352	5,407	0.3	-1.0	1.1	5,228	5,229	5,333	5,385	-2.9
Textiles.....	1,333	1,293	1,338	3.1	-3.4	-1.2	1,311	1,269	1,333	1,353	-3.1
Textile products.....	1,901	1,909	1,886	-0.4	1.2	0.7	1,864	1,899	1,912	1,740	7.1
Apparel.....	1,626	1,639	1,664	-0.8	-1.5	1.1	1,618	1,639	1,655	1,633	-0.9
Leather and allied products.....	464	465	450	-0.2	3.3	-0.2	462	466	454	445	3.8
Paper products.....	6,453	6,468	6,487	-0.2	-0.3	-0.3	6,460	6,505	6,544	6,726	-4.0
Printing.....	2,968	2,924	2,918	1.5	0.2	1.3	2,995	3,032	3,046	2,695	11.1
Petroleum and coal products.....	5,931	5,745	5,500	3.2	4.5	-0.8	5,770	5,748	5,541	4,180	38.0
Basic chemicals.....	17,461	17,688	17,413	-1.3	1.6	-2.3	17,443	17,674	17,422	16,586	5.2
Plastics and rubber products.....	8,005	7,913	7,851	1.2	0.8	0.2	7,983	7,927	7,866	7,169	11.4
<u>WORK IN PROCESS</u>											
All manufacturing industries	133,276	132,070	130,791	0.9	1.0	-1.1	134,945	134,411	131,332	129,437	4.3
Durable goods industries	101,757	100,605	99,816	1.1	0.8	-0.8	102,695	101,605	99,918	96,702	6.2
Wood products.....	1,954	2,027	2,006	-3.6	1.0	3.5	1,947	2,023	2,014	1,924	1.2
Nonmetallic mineral products.....	1,155	1,168	1,173	-1.1	-0.4	-0.6	1,080	1,109	1,136	1,123	-3.8
Primary metals.....	6,884	6,832	6,627	0.8	3.1	2.6	6,911	6,874	6,609	5,825	18.6
Fabricated metal products.....	10,011	9,886	9,752	1.3	1.4	0.4	10,025	9,925	9,766	9,395	6.7
Machinery.....	15,793	15,618	15,663	1.1	-0.3	-0.1	16,129	15,851	15,745	14,932	8.0
Computers and electronic products	19,749	19,890	19,617	-0.7	1.4	-1.1	20,057	20,123	19,512	18,470	8.6
Electrical equipment, appliances, and components.....	3,016	2,933	3,009	2.8	-2.5	-1.1	2,957	2,873	2,940	2,847	3.9
Transportation equipment.....	38,271	37,416	37,233	2.3	0.5	-1.8	38,640	37,987	37,416	37,568	2.9
Furniture and related products.....	1,610	1,594	1,568	1.0	1.7	-5.3	1,606	1,585	1,569	1,497	7.3
Miscellaneous products.....	3,314	3,241	3,168	2.3	2.3	0.2	3,343	3,255	3,211	3,121	7.1
Non durable goods industries.....	31,519	31,465	30,975	0.2	1.6	-2.1	32,250	32,806	31,414	32,735	-1.5
Food products.....	3,424	3,382	3,284	1.2	3.0	-2.8	3,933	4,071	3,185	3,382	16.3
Beverage and tobacco products.....	4,757	4,856	4,960	-2.0	-2.1	-0.7	5,101	5,337	5,225	5,081	0.4
Textiles.....	1,262	1,271	1,262	-0.7	0.7	-0.4	1,245	1,258	1,261	1,265	-1.6
Textile products.....	667	679	666	-1.8	2.0	-2.3	658	678	669	681	-3.4
Apparel.....	1,099	1,132	1,167	-2.9	-3.0	-0.8	1,088	1,106	1,142	1,206	-9.8
Leather and allied products.....	157	166	166	-5.4	0.0	-2.4	162	170	163	198	-18.2
Paper products.....	1,319	1,310	1,267	0.7	3.4	-0.8	1,291	1,278	1,272	1,154	11.9
Printing.....	1,847	1,938	1,852	-4.7	4.6	3.5	1,897	2,103	1,954	1,834	3.4
Petroleum and coal products.....	3,906	3,923	3,473	-0.4	13.0	-0.1	3,788	4,080	3,566	4,353	-13.0
Basic chemicals.....	10,417	10,211	10,268	2.0	-0.6	-5.1	10,389	10,108	10,356	11,107	-6.5
Plastics and rubber products.....	2,664	2,597	2,610	2.6	-0.5	-0.2	2,698	2,617	2,621	2,474	9.1
<u>FINISHED GOODS</u>											
All manufacturing industries	181,717	180,460	179,636	0.7	0.5	0.7	181,228	181,005	179,770	167,032	8.5
Durable goods industries	86,979	86,782	86,815	0.2	0.0	1.1	86,623	86,318	85,778	81,485	6.3
Wood products.....	4,377	4,289	4,376	2.1	-2.0	-1.2	4,114	3,988	4,237	3,807	8.1
Nonmetallic mineral products.....	5,054	5,066	4,880	-0.2	3.8	1.2	4,859	4,817	4,732	4,619	5.2
Primary metals.....	6,039	5,956	5,688	1.4	4.7	1.7	6,011	5,824	5,599	5,674	5.9
Fabricated metal products.....	11,312	11,426	11,472	-1.0	-0.4	0.0	11,165	11,400	11,287	10,430	7.0
Machinery.....	15,888	15,799	15,884	0.6	-0.5	0.2	15,952	15,617	15,585	14,394	10.8
Computers and electronic products	12,398	12,456	12,652	-0.5	-1.5	4.2	12,708	12,739	12,445	12,671	0.3
Electrical equipment, appliances, and components.....	5,058	5,179	5,230	-2.3	-1.0	0.1	4,996	5,146	5,039	4,789	4.3
Transportation equipment.....	13,650	13,407	13,519	1.8	-0.8	1.7	13,673	13,447	13,672	12,741	7.3
Furniture and related products.....	3,224	3,223	3,128	0.0	3.0	2.1	3,237	3,285	3,166	2,901	11.6
Miscellaneous products.....	9,979	9,981	9,986	0.0	-0.1	0.0	9,908	10,055	10,016	9,459	4.7
Non durable goods industries.....	94,738	93,678	92,821	1.1	0.9	0.4	94,605	94,687	93,992	85,547	10.6
Food products.....	20,669	20,662	20,819	0.0	-0.8	-1.0	21,494	22,089	21,870	20,626	4.2
Beverage and tobacco products.....	4,755	4,769	4,776	-0.3	-0.1	-0.6	4,838	4,900	4,853	4,681	3.4
Textiles.....	2,172	2,213	2,210	-1.9	0.1	0.1	2,129	2,168	2,160	2,323	-8.4
Textile products.....	2,673	2,670	2,678	0.1	-0.3	1.3	2,592	2,644	2,685	2,551	1.6
Apparel.....	4,621	4,528	4,442	2.1	1.9	2.5	4,351	4,497	4,644	4,005	8.6
Leather and allied products.....	1,032	1,011	989	2.1	2.2	1.6	1,017	1,006	1,011	1,037	-1.9
Paper products.....	7,169	7,139	6,922	0.4	3.1	-0.5	7,166	7,043	6,841	6,713	6.7
Printing.....	1,956	1,934	1,916	1.1	0.9	2.6	1,952	1,970	2,007	1,723	13.3
Petroleum and coal products.....	9,109	8,777	8,338	3.8	5.3	-1.2	8,960	8,867	8,729	6,337	41.4
Basic chemicals.....	28,188	27,687	27,817	1.8	-0.5	0.7	27,966	27,426	27,493	25,388	10.2
Plastics and rubber products.....	12,394	12,288	11,914	0.9	3.1	3.2	12,140	12,077	11,699	10,163	19.5

^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			
	Nov 2004 ^P	Oct 2004 ^r	Sep 2004	Aug 2004	Nov 2004 ^P	Oct 2004 ^r	Sep 2004	Aug 2004
All manufacturing industries ²	1.24	1.24	1.24	1.23	(X)	(X)	(X)	(X)
Durable goods industries ²	1.41	1.40	1.39	1.38	4.02	3.95	3.96	3.90
Wood products.....	1.14	1.14	1.09	1.06	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.22	1.26	1.26	1.24	(X)	(X)	(X)	(X)
Primary metals.....	1.44	1.44	1.38	1.35	1.34	1.36	1.37	1.39
Fabricated metal products.....	1.50	1.51	1.48	1.47	2.05	2.07	2.01	2.01
Machinery.....	1.82	1.73	1.77	1.80	2.27	2.15	2.16	2.17
Computers and electronic products ² ..	1.23	1.23	1.26	1.23	4.92	4.94	5.03	4.83
Electrical equipment, appliances, and components.....	1.43	1.45	1.46	1.42	1.82	1.81	1.82	1.73
Transportation equipment.....	1.33	1.29	1.27	1.26	7.99	7.66	7.66	7.49
Furniture and related products.....	1.33	1.34	1.35	1.31	1.12	1.11	1.13	1.09
Miscellaneous products.....	1.74	1.76	1.72	1.74	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.05	1.05	1.07	1.06	(X)	(X)	(X)	(X)
Food products.....	0.80	0.81	0.83	0.83	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.61	1.63	1.64	1.63	(X)	(X)	(X)	(X)
Textiles.....	1.40	1.41	1.38	1.38	(X)	(X)	(X)	(X)
Textile products.....	1.65	1.66	1.67	1.65	(X)	(X)	(X)	(X)
Apparel.....	1.58	1.56	1.54	1.54	(X)	(X)	(X)	(X)
Leather and allied products.....	1.96	1.94	1.84	1.76	(X)	(X)	(X)	(X)
Paper products.....	1.02	1.03	1.02	1.00	(X)	(X)	(X)	(X)
Printing.....	0.87	0.86	0.84	0.84	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.60	0.58	0.60	0.60	(X)	(X)	(X)	(X)
Basic chemicals.....	1.26	1.28	1.33	1.32	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.33	1.34	1.31	1.28	(X)	(X)	(X)	(X)

^P Preliminary

^r Revised

X Not Applicable

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

² Unfilled orders to shipments ratio excludes semiconductor manufacturing.

Table 8. Revisions to Previously Published Monthly Percent Changes

[Based on Seasonally Adjusted data]

Industry	Shipments		New Orders		Unfilled Orders		Inventories	
	Nov ¹ 2004	Nov ² 2003- Oct 2004	Nov ¹ 2004	Nov ² 2003- Oct 2004	Nov ¹ 2004	Nov ² 2003- Oct 2004	Nov ¹ 2004	Nov ² 2003- Oct 2004
All manufacturing industries.....	(X)	0.3	(X)	0.5	(X)	0.1	(X)	0.1
Durable goods industries.....	0.1	0.3	-0.2	0.6	-0.1	0.1	-0.2	0.2
Wood products.....	(X)	0.8	(X)	(NA)	(X)	(NA)	(X)	0.6
Nonmetallic mineral products.....	(X)	1.1	(X)	(NA)	(X)	(NA)	(X)	0.6
Primary metals.....	0.4	0.7	-0.1	1.4	0.4	0.7	-0.5	0.2
Fabricated metal products.....	0.0	0.4	-1.1	1.4	-0.7	0.6	0.1	0.3
Machinery.....	-0.6	0.8	-1.8	1.5	-0.7	0.5	0.2	0.2
Computers and electronic products.....	0.3	0.9	-1.5	1.5	-0.5	0.3	-0.9	0.4
Electrical equipment, appliances, and components.....	-0.1	0.4	0.3	0.8	0.3	0.5	-0.1	0.4
Transportation equipment.....	0.0	0.3	0.6	0.6	0.1	0.1	0.0	0.1
Furniture and related products.....	(X)	0.8	(X)	0.8	(X)	0.8	(X)	0.4
Miscellaneous products.....	(X)	0.6	(X)	1.1	(X)	1.2	(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)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.3
Textile products.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.3
Apparel.....	(X)	0.5	(X)	(NA)	(X)	(NA)	(X)	0.4
Leather and allied products.....	(X)	2.1	(X)	(NA)	(X)	(NA)	(X)	1.4
Paper products.....	(X)	0.7	(X)	(NA)	(X)	(NA)	(X)	0.2
Printing.....	(X)	0.6	(X)	(NA)	(X)	(NA)	(X)	0.5
Petroleum and coal products.....	(X)	1.5	(X)	(NA)	(X)	(NA)	(X)	1.0
Basic chemicals.....	(X)	0.5	(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 total 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	