

Manufacturers' Shipments, Inventories, and Orders

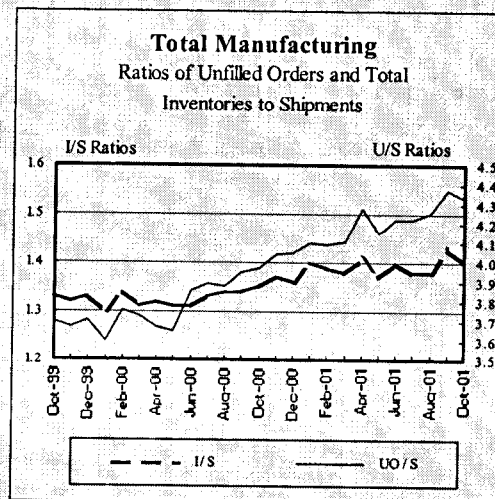
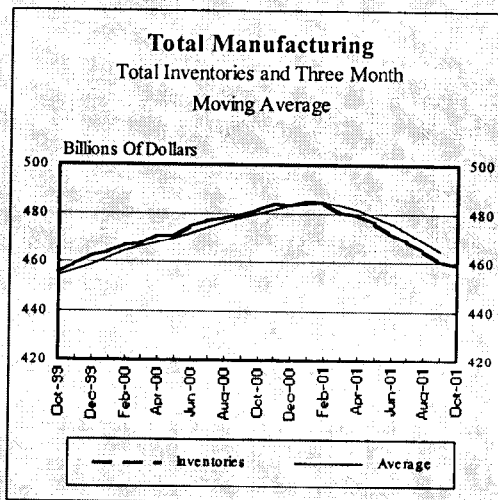
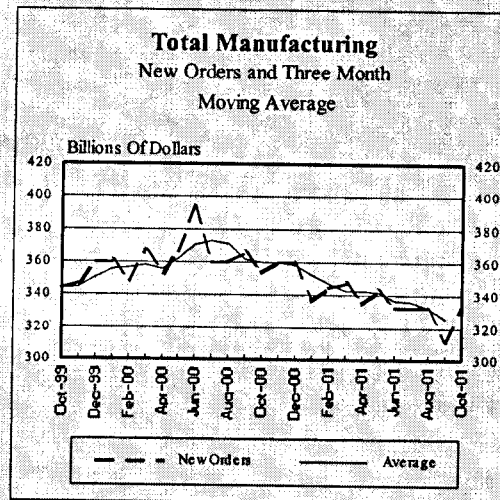
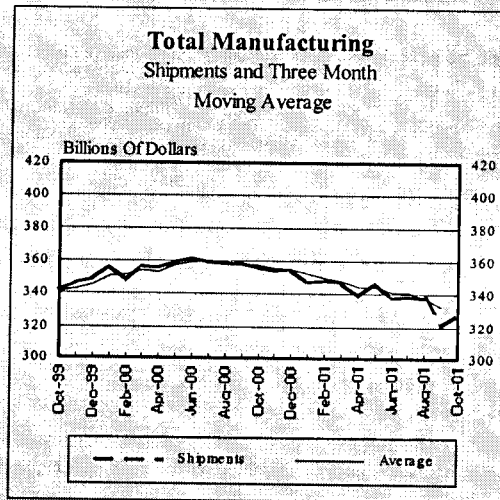
October
2001

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All figures in the text are in seasonally adjusted current dollars

Current
Industrial
Reports



For data, call 301-457-4673. For inquiries, contact Lee Wentela or Derrick Roy, Manufacturers' Shipments, Inventories and Orders Branch, Manufacturing and Construction Division (MCD), Washington, DC 20233-6900 or call 301-457-4804 or 301-457-4814. The advance report on durable good for November is scheduled for December 28, 2001 at 8:30 a.m. and the full report on January 8, 2002 at 10:00 a.m. For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

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Special Notice: Because of the terrorist attacks of September 11, the Census Bureau altered an option in its seasonal adjustment procedures used to produce the seasonally adjusted data for the September and October releases. This alteration ensured that the published seasonally adjusted values fully include the effects of the attacks and eliminated the distortion that September's atypical events would otherwise have had on seasonal factors for September, October, and surrounding months. The revised seasonal adjustment option was used whenever the appropriate statistical test showed that the unadjusted September or October value was not in a typical range. For further information, see <http://www.census.gov/indicator/www/m3/oct2001pfaq.html>

Summary

New orders for manufactured goods in October increased \$22.2 billion or 7.1 percent to \$333.2 billion, the Department of Commerce, Bureau of the Census reported today. This follows a 6.5 percent September decrease and is the first increase since May. Year to date, new orders for 2001 are 7.6 percent below the same period a year ago.

Shipments increased \$7.1 billion or 2.2 percent to \$328.7 billion, following a 4.7 percent September decrease. Year to date, shipments for 2001 are 4.9 percent below the same period a year ago.

Unfilled orders, up for the first time since December 2000, increased \$4.5 billion or 0.8 percent to \$557.1 billion, following a 1.9 percent September decrease. The unfilled orders-to-shipments ratio was 4.33, down from 4.37 in September.

Inventories, down nine consecutive months, decreased \$2.0 billion or 0.4 percent to \$458.7 billion, following a 0.9 percent September decrease. The inventories-to-shipments ratio was 1.40, down from 1.43 in September.

New Orders

New Orders for manufactured durable goods in October, up for the first time since May, increased \$20.9 billion or 12.7 percent to \$184.8 billion revised from the previously published 12.8 percent increase.

Transportation equipment, led by defense aircraft and parts, had the largest increase, \$16.8 billion or 38.9 percent to \$60.1 billion. Computers and electronic products increased \$2.9 billion or 9.9 percent to \$32.2 billion, due to nondefense communications equipment and electronic computers; this is the largest increase since May 2000. Fabricated metals increased \$0.7 billion or 3.4 percent to \$20.0 billion.

New orders for nondurable goods increased \$1.3 billion or 0.9 percent to \$148.4 billion.

Shipments

Shipments of durable goods in October, up for the first time since May, increased \$5.8 billion or 3.3 percent to \$180.2 billion, revised from the previously published 3.2 percent increase.

All durable goods subsectors increased. Transportation equipment had the largest increase, \$3.1 billion or 6.3 percent to \$51.8 billion, due to motor vehicles and parts. Machinery increased \$0.8 billion or 3.4 percent to \$23.3 billion.

Shipments of nondurable goods increased \$1.3 billion or 0.9 percent to \$148.4 billion. Increases in basic chemicals and beverage and tobacco products more than offset a decline in petroleum and coal products.

Unfilled Orders

Unfilled Orders for durable goods in October, up for the first time since December 2000, increased \$4.5 billion or 0.8 percent to \$557.1 billion, revised from the previously published 0.9 percent increase.

Transportation equipment, the only subsector to increase, was up \$8.3 billion or 3.0 percent to \$286.8 billion, due to defense aircraft and parts. Machinery, down nine of the last ten months, decreased \$1.2 billion or 2.1 percent to \$58.1 billion. Computers and electronic products, down eleven consecutive months, decreased \$0.9 billion or 0.7 percent to \$127.2 billion. Primary metals, down four consecutive months, decreased \$0.7 billion or 3.8 percent to \$17.7 billion; this is the largest decrease since October 1998.

Inventories

Inventories of durable goods in October, down nine consecutive months, decreased \$1.2 billion or 0.4 percent to \$290.7 billion.

Computers and electronic products, down eight consecutive months, had the largest decrease, \$0.7 billion or 1.4 percent to \$52.1 billion.

Inventories of nondurable goods, down nine consecutive months, decreased \$0.8 billion or 0.5 percent to \$167.9 billion.

By stage of fabrication, October finished goods decreased 1.0 percent in durables and 0.2 percent in nondurables. Work in process increased 0.1 percent in durables and decreased 2.3 percent in nondurables. Materials and supplies decreased 0.4 percent in durables and increased 0.1 percent in nondurables.

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The advance report on durable goods for November is scheduled for December 28, 2001 at 8:30 a.m and the full report on January 8, 2002 at 10:00 a.m. For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS
(Millions of Dollars)

Industry	Seasonally Adjusted						Not Seasonally Adjusted ¹						
	Monthly			Percent Change			Monthly				Percent Change Oct. 01/00	Year to date	
	Oct. 2001 ^p	Sept. 2001 ^r	Aug. 2001	Sept. Oct.	Aug. Sept.	July Aug.	Oct. 2001 ^p	Sept. 2001 ^r	Aug. 2001	Oct. 2000		2001 ^p	2000
All manufacturing industries.....	328,666	321,573	337,443	+2.2	-4.7	-0.3	336,974	341,063	344,154	363,906	-7.4	3,386,346	3,578,276
Excluding transportation.....	276,852	272,837	283,577	+1.5	-3.8	-0.3	282,485	287,972	288,248	307,890	-8.3	2,867,792	3,017,539
Excluding defense.....	321,428	313,927	329,982	+2.4	-4.9	-0.4	329,755	332,632	336,984	357,364	-7.7	3,316,354	3,513,010
Durable goods industries.....	180,227	174,470	185,543	+3.3	-6.0	-1.1	184,152	188,918	187,070	205,241	-10.3	1,866,982	2,036,626
Wood products.....	7,250	7,179	7,069	+1.0	+1.6	-0.5	7,792	7,394	7,696	7,374	+5.7	71,323	76,183
Nonmetallic mineral products.....	7,494	7,116	7,636	+5.3	-6.8	+0.5	8,113	7,506	8,321	8,487	-4.4	76,271	82,133
Primary metals.....	11,527	11,309	11,951	+1.9	-5.4	-1.2	11,907	11,443	12,305	13,629	-12.6	121,135	139,649
Iron and steel mills.....	5,000	4,960	5,113	+0.8	-3.0	-2.0	5,212	4,892	5,327	5,898	-11.6	52,241	62,150
Aluminum and nonferrous metals.....	5,301	5,118	5,541	+3.6	-7.6	-1.2	5,385	5,292	5,596	6,307	-14.6	55,953	63,227
Ferrous metal foundries.....	1,226	1,231	1,297	-0.4	-5.1	+1.6	1,310	1,259	1,382	1,424	-8.0	12,941	14,272
Fabricated metal products.....	20,278	19,894	20,555	+1.9	-3.2	+0.8	21,252	20,404	21,708	21,987	-3.3	205,916	218,852
Machinery.....	23,293	22,521	24,701	+3.4	-8.8	+0.4	22,830	23,757	23,576	24,816	-8.0	244,062	249,687
Farm machinery.....	1,419	1,472	1,457	-3.6	+1.0	-0.9	1,271	1,438	1,330	1,005	+26.5	13,858	11,976
Construction machinery.....	1,620	1,576	1,683	+2.8	-6.4	-0.2	1,466	1,501	1,575	1,480	-0.9	16,849	18,213
Mining, oil field, and gas field machinery.....	1,070	1,066	1,094	+0.4	-2.6	-0.3	1,052	1,105	1,071	880	+19.5	10,526	8,151
Industrial machinery.....	3,184	3,202	3,365	-0.6	-4.8	-4.6	3,175	3,477	3,043	4,532	-29.9	37,251	40,748
Photographic equipment.....	1,098	1,232	1,466	-10.9	-16.0	-0.9	1,153	1,417	1,394	1,253	-8.0	13,194	12,179
Ventilation, heating, air-conditioning, and refrigeration equipment.....	2,543	2,624	2,768	-3.1	-5.2	+2.4	2,555	2,712	2,883	2,790	-8.4	27,434	28,439
Metalworking machinery.....	2,232	2,162	2,216	+3.2	-2.4	-1.9	2,380	2,563	2,102	2,725	-12.7	22,835	25,397
Turbines, generators, and other power transmission equipment.....	3,231	2,298	3,509	+40.6	-34.5	+5.4	2,995	2,673	3,279	2,731	+9.7	29,368	29,646
Material handling equipment.....	1,516	1,606	1,612	-5.6	-0.4	+2.7	1,524	1,616	1,559	1,849	-17.6	17,114	17,814
Computers and electronic products.....	33,098	32,901	33,261	+0.6	-1.1	-5.9	32,078	38,630	30,914	45,183	-29.0	366,305	440,289
Electronic computers.....	5,287	5,191	4,865	+1.8	+6.7	-19.9	5,227	5,740	4,168	8,508	-38.6	61,623	78,696
Computer storage devices.....	1,172	1,045	1,003	+12.2	+4.2	-4.4	927	1,500	948	956	-3.0	10,781	11,935
Nondefense communications equipment.....	5,700	5,841	6,268	-2.4	-6.8	-2.5	5,285	7,019	5,503	8,728	-39.4	65,498	89,526
Defense communications equipment.....	286	280	309	+2.1	-9.4	+10.0	266	314	312	276	-3.6	2,835	2,609
Audio and video equipment.....	920	852	866	+8.0	-1.6	-4.2	1,081	998	871	1,179	-8.3	8,801	9,561
Semiconductors.....	6,202	6,313	6,014	-1.8	+5.0	-9.1	6,232	7,101	5,779	9,620	-35.2	72,549	86,924
Electronic components.....	3,826	3,504	4,064	+9.2	-13.8	+1.6	3,928	4,070	3,980	5,824	-32.6	43,989	58,422
Nondefense search and navigation equipment.....	721	707	743	+2.0	-4.8	-3.9	673	800	755	774	-13.0	7,399	8,279
Defense search and navigation equipment.....	1,719	1,739	1,744	-1.2	-0.3	+1.6	1,701	1,844	1,636	1,606	+5.9	16,988	16,664
Electromedical, measuring, and control instruments.....	4,961	5,098	5,005	-2.7	+1.9	-4.7	4,628	5,980	4,808	5,125	-9.7	51,688	49,787
Electrical equipment, appliances, and components.....	10,103	9,798	10,652	+3.1	-8.0	+1.5	9,816	10,885	10,512	11,017	-10.9	107,804	110,868
Electric lighting equipment.....	1,230	1,036	1,192	+18.7	-13.1	+1.8	1,176	1,181	1,193	1,130	+4.1	11,626	11,774
Household appliances.....	2,079	1,991	2,187	+4.4	-9.0	+11.8	2,019	2,090	2,225	1,828	+10.4	20,227	19,708
Electrical equipment.....	3,062	3,036	3,000	+0.9	+1.2	+1.6	2,788	3,503	3,002	2,975	-6.3	31,630	32,996
Batteries.....	547	546	545	+0.2	+0.2	-6.8	608	662	553	613	-0.8	5,305	5,906
Transportation equipment.....	51,814	48,736	53,866	+6.3	-9.5	-0.7	54,489	53,091	55,906	56,016	-2.7	518,554	560,737
Automobiles.....	8,151	6,803	8,841	+19.8	-23.1	+0.9	9,356	7,630	9,122	9,656	-3.1	79,807	89,232
Light trucks and utility vehicles.....	10,686	9,311	11,550	+14.8	-19.4	-0.2	11,862	10,413	12,231	12,676	-6.4	108,359	120,220
Heavy duty trucks.....	957	954	1,021	+0.3	-6.6	+0.2	1,085	944	1,056	1,372	-20.9	10,502	15,849
Motor vehicle bodies, parts, and trailers.....	16,190	15,302	16,592	+5.8	-7.8	-2.0	17,498	15,859	17,751	18,864	-7.2	166,652	188,883
Nondefense aircraft and parts.....	8,197	8,301	8,041	-1.3	+3.2	-3.3	7,071	9,090	8,024	6,395	+10.6	79,787	75,452
Defense aircraft and parts.....	2,382	2,885	2,716	-17.4	+6.2	+6.4	2,371	3,255	2,662	2,094	+13.2	24,051	21,498
Ships and boats.....	1,832	1,672	1,731	+9.6	-3.4	+6.8	1,883	1,868	1,743	1,794	+5.0	17,265	17,549
Furniture and related products.....	5,782	5,547	6,035	+4.2	-8.1	+0.4	5,995	5,915	6,442	6,777	-11.5	60,100	65,128
Miscellaneous durable goods.....	9,588	9,469	9,817	+1.3	-3.5	+1.5	9,880	9,893	9,690	9,955	-0.8	95,512	93,100
Nondurable goods industries.....	148,439	147,103	151,900	+0.9	-3.2	+0.6	152,822	152,145	157,084	158,665	-3.7	1,519,364	1,541,650
Food products.....	38,298	38,161	38,806	+0.4	-1.7	+0.6	39,780	39,814	39,490	38,303	+3.9	379,607	363,393
Grain and oilseed milling.....	4,108	4,045	4,206	+1.6	-3.8	+1.5	4,255	3,982	4,392	4,023	+5.8	40,932	38,835
Dairy products.....	5,880	5,775	6,015	+1.8	-4.0	+2.0	5,715	6,045	6,140	4,849	+17.9	56,350	50,402
Meat, poultry, and seafood products..	11,409	11,393	11,468	+0.1	-0.7	+0.3	11,572	11,681	11,883	11,144	+3.8	113,816	107,570
Beverage and tobacco products.....	10,222	9,588	10,179	+6.6	-5.8	+3.1	10,399	9,517	10,993	9,409	+10.5	98,622	94,057
Beverages.....	5,752	5,617	5,800	+2.4	-3.2	+1.5	5,754	5,784	6,277	5,473	+5.1	57,163	54,757
Tobacco.....	4,470	3,971	4,379	+12.6	-9.3	+5.4	4,645	3,733	4,716	3,936	+18.0	41,459	39,300
Textile mills.....	3,764	3,729	3,839	+0.9	-2.9	-0.1	3,817	4,104	4,051	4,422	-13.7	39,463	45,206
Textile products.....	2,817	2,813	2,816	+0.1	-0.1	0.0	2,843	2,948	3,025	2,769	+2.7	28,291	28,035
Apparel.....	5,058	4,975	5,115	+1.7	-2.7	+1.4	5,761	5,455	5,806	6,246	-7.8	53,133	55,196
Leather and allied products.....	699	704	716	-0.7	-1.7	+0.4	748	712	730	875	-14.5	7,363	8,026
Paper products.....	13,052	12,695	13,035	+2.8	-2.6	-0.4	13,391	12,783	13,558	14,234	-5.9	132,661	142,909
Pulp, paper, and paperboard mills.....	6,102	5,767	5,981	+5.8	-3.6	-0.1	6,233	5,733	6,219	6,573	-5.2	61,273	66,574
Paperboard containers.....	3,960	3,928	4,010	+0.8	-2.0	-0.4	4,141	3,925	4,221	4,457	-7.1	40,661	44,645
Printing.....	8,198	7,908	8,381	+3.7	-5.6	+1.7	8,746	8,386	8,528	9,341	-6.4	82,865	87,306
Petroleum and coal products.....	16,650	18,010	18,459	-7.6	-2.4	+3.0	17,445	18,925	19,685	20,913	-16.6	187,313	192,607
Petroleum refineries.....	15,030	16,349	16,748	-8.1	-2.4	+4.1	15,623	17,033	17,675	18,720	-16.5	168,755	173,098
Basic chemicals.....	34,948	33,955	35,570	+2.9	-4.5	+0.2	34,555	34,705	35,598	36,593	-5.6	359,605	370,228
Pesticides, fertilizers, and other agricultural chemicals.....	1,667	1,683	1,666	-1.0	+1.0	+1.8	1,166	1,093	1,211	1,104	+5.6	18,342	18,007
Pharmaceuticals and medicines.....	9,837	9,693	9,916	+1.5	-2.2	+2.9	9,961	10,230	9,974	10,461	-4.8	98,979	99,948
Paints, coatings, and adhesives.....	2,513	2,462	2,542	+2.1	-3.1	+1.3	2,413	2,350	2,711	2,397	+0.7	25,542	25,268
Plastics and rubber products.....	14,733	14,565	14,984	+1.2	-2.8	-2.3	15,337	14,796	15,620	15,560	-1.4	150,441	154,687

^p Preliminary ^r Revised

¹ Shipments and new orders 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				Percent Change Oct. 01/00	Year to date	
	Oct. 2001 ^p	Sept. 2001 ^r	Aug. 2001	Sept. - Oct.	Aug. - Sept.	July - Aug.	Oct. 2001 ^p	Sept. 2001 ^r	Aug. 2001	Oct. 2000		2001 ^p	2000
All manufacturing industries.....	333,189	310,982	332,439	+7.1	-6.5	-0.1	338,877	330,044	335,619	362,791	-6.6	3,342,775	3,637,250
Excluding transportation.....	273,094	267,708	280,760	+2.0	-4.6	+0.3	278,703	281,952	283,471	308,924	-9.8	2,826,981	3,049,223
Excluding defense.....	313,732	303,758	325,851	+3.3	-6.8	+0.2	320,726	322,881	331,193	356,707	-10.1	3,265,077	3,550,000
Durable goods industries.....	184,750	163,879	180,539	+12.7	-9.2	-0.6	186,055	177,899	178,535	204,126	-8.9	1,823,411	2,095,600
Primary metals.....	10,834	11,094	11,774	-2.3	-5.8	-1.2	10,756	10,793	11,869	12,838	-16.2	118,923	137,187
Iron and steel mills.....	4,570	4,967	4,990	-8.0	-0.5	-3.0	4,472	4,704	4,992	5,324	-16.0	51,038	60,203
Aluminum and nonferrous metals.....	5,051	4,912	5,431	+2.8	-9.6	-1.4	4,992	4,905	5,433	6,073	-17.8	54,970	62,642
Ferrous metal foundries.....	1,213	1,215	1,353	-0.2	-10.2	+6.1	1,292	1,184	1,444	1,441	-10.3	12,915	14,342
Fabricated metal products.....	19,955	19,302	20,185	+3.4	-4.4	-1.1	20,289	19,374	21,236	21,729	-6.6	203,316	219,552
Machinery.....	22,056	22,256	24,034	-0.9	-7.4	+1.8	21,455	23,635	22,991	24,762	-13.4	238,383	257,410
Construction machinery.....	1,515	1,525	1,761	-0.7	-13.4	+2.0	1,401	1,381	1,585	1,539	-9.0	16,214	17,030
Mining, oil field, and gas field machinery.....	1,015	1,201	1,150	-15.5	+4.4	+5.9	978	1,272	1,096	879	+11.3	10,897	8,161
Industrial machinery.....	3,119	2,849	3,170	+9.5	-10.1	+3.6	3,372	2,811	2,825	5,073	-33.5	34,244	45,085
Photographic equipment.....	1,093	1,203	1,459	-9.1	-17.5	-3.8	1,156	1,373	1,397	1,182	-2.2	13,086	12,051
Ventilation, heating, air-conditioning, and refrigeration equipment.....	2,517	2,425	2,816	+3.8	-13.9	-0.8	2,359	2,447	2,890	2,639	-10.6	27,163	28,655
Metalworking machinery.....	2,080	1,891	2,018	+10.0	-6.3	-6.2	2,224	2,236	1,889	2,599	-14.4	21,664	24,886
Turbines, generators, and other power transmission equipment.....	2,386	2,810	3,081	-15.1	-8.8	+11.6	1,957	3,693	3,073	2,898	-32.5	29,512	33,451
Material handling equipment.....	1,522	1,659	1,687	-8.3	-1.7	+9.2	1,485	1,711	1,531	1,693	-12.3	16,900	18,467
Computers and electronic products.....	32,219	29,305	32,010	+9.9	-8.5	+0.2	31,923	35,295	28,235	46,433	-31.2	341,786	462,254
Electronic computers.....	5,633	4,284	4,922	+31.5	-13.0	-14.1	5,518	4,612	4,421	8,463	-34.8	60,952	78,987
Nondefense communications equipment.....	5,448	3,448	5,724	+58.0	-39.8	-0.3	5,258	5,463	3,831	9,098	-42.2	57,732	97,031
Defense communications equipment.....	194	197	198	-1.5	-0.5	-32.2	216	297	158	321	-32.7	2,619	2,752
Semiconductors.....	5,491	6,630	5,662	-17.2	+17.1	+20.7	6,431	7,322	5,296	10,241	-37.2	62,952	93,080
Electronic components.....	3,716	3,323	3,569	+11.8	-6.9	-3.4	3,778	3,835	3,729	5,400	-30.0	39,925	64,380
Nondefense search and navigation equipment.....	619	621	714	-0.3	-13.0	-5.1	564	678	629	848	-33.5	6,566	7,789
Defense search and navigation equipment.....	1,674	1,805	1,749	-7.3	+3.2	-1.8	1,285	1,818	1,263	1,293	-0.6	15,737	17,404
Electromedical, measuring, and control instruments.....	5,048	4,769	5,223	+5.9	-8.7	+3.8	4,735	5,508	4,935	6,047	-21.7	51,567	51,449
Electrical equipment, appliances, and components.....	9,712	9,334	10,413	+4.0	-10.4	-2.2	9,632	10,129	10,185	11,293	-14.7	104,712	112,696
Electric lighting equipment.....	1,201	958	1,236	+25.4	-22.5	+4.9	1,166	999	1,237	1,161	+0.4	11,627	11,794
Household appliances.....	2,017	1,934	2,211	+4.3	-12.5	+3.4	1,903	2,040	2,267	1,895	+0.4	19,938	19,615
Electrical equipment.....	2,890	3,094	3,012	-6.6	+2.7	-1.6	2,831	3,388	2,951	3,142	-9.9	31,403	33,922
Transportation equipment.....	60,095	43,274	51,679	+38.9	-16.3	-2.1	60,174	48,092	52,148	53,867	+11.7	515,794	588,027
Motor vehicle bodies, parts, and trailers.....	15,771	15,077	16,407	+4.6	-8.1	-1.9	17,063	15,521	17,435	18,791	-9.2	164,713	185,632
Nondefense aircraft and parts.....	5,404	3,619	7,081	+49.3	-48.9	-4.7	2,630	6,032	7,005	4,488	-41.4	70,036	83,552
Defense aircraft and parts.....	15,268	2,586	1,862	490.4	+38.9	-21.6	14,440	2,606	1,174	1,827	690.4	35,276	30,519
Ships and boats.....	795	1,504	1,942	-47.1	-22.6	+3.1	868	1,596	1,318	1,774	-51.1	18,577	18,543
Furniture and related products.....	5,578	5,394	5,874	+3.4	-8.2	-2.2	5,808	5,749	6,163	6,675	-13.0	59,502	65,641

^p Preliminary ^r Revised

¹ Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations.

(n) When new orders for a prior month are negative because of cancellations, the percentage change calculation is algebraically negative, even though there is a net dollar increase from the prior month to the current month.

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(00), "Manufacturers' Shipments, Inventories, and Orders: 1992-2000."

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 Oct. 01/00
	Oct. 2001 ^P	Sept. 2001 ^F	Aug. 2001	Sept. - Oct.	Aug. - Sept.	July - Aug.	Oct. 2001 ^P	Sept. 2001 ^F	Aug. 2001	Oct. 2000	
All manufacturing industries.....	557,104	552,581	563,172	+0.8	-1.9	-0.9	548,443	546,540	557,559	582,188	-5.8
Excluding transportation.....	270,270	274,028	279,157	-1.4	-1.8	-1.0	267,671	271,453	277,473	315,330	-15.1
Excluding defense.....	404,116	411,812	421,981	-1.9	-2.4	-1.0	400,143	409,172	418,923	445,093	-10.1
Durable goods industries.....	557,104	552,581	563,172	+0.8	-1.9	-0.9	548,443	546,540	557,559	582,188	-5.8
Primary metals.....	17,726	18,419	18,634	-3.8	-1.2	-0.9	16,742	17,893	18,543	18,924	-11.5
Iron and steel mills.....	8,501	8,931	8,924	-4.8	+0.1	-1.4	7,898	8,638	8,826	9,213	-14.3
Aluminum and nonferrous metals.....	6,941	7,191	7,397	-3.5	-2.8	-1.5	6,636	7,029	7,416	7,641	-13.2
Ferrous metal foundries.....	2,284	2,297	2,313	-0.6	-0.7	+2.5	2,208	2,226	2,301	2,070	+6.7
Fabricated metal products.....	40,704	41,027	41,619	-0.8	-1.4	-0.9	40,041	41,004	42,034	42,895	-6.7
Machinery.....	58,083	59,320	59,585	-2.1	-0.4	-1.1	57,603	58,978	59,100	64,472	-10.7
Construction machinery.....	2,167	2,272	2,323	-4.6	-2.2	+3.5	1,961	2,026	2,146	2,559	-23.4
Mining, oil field, and gas field machinery.....	1,742	1,797	1,662	-3.1	+8.1	+3.5	1,738	1,812	1,645	1,440	+20.7
Industrial machinery.....	9,780	9,845	10,198	-0.7	-3.5	-1.9	9,794	9,597	10,263	14,201	-31.0
Photographic equipment.....	819	824	853	-0.6	-3.4	-0.8	825	822	866	732	+12.7
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,573	4,599	4,798	-0.6	-4.1	+1.0	4,352	4,548	4,813	4,848	-10.2
Metalworking machinery.....	4,231	4,383	4,654	-3.5	-5.8	-4.1	4,199	4,355	4,682	5,850	-28.2
Turbines, generators, and other power transmission equipment.....	19,629	20,474	19,962	-4.1	+2.6	-2.1	19,759	20,797	19,777	18,325	+7.8
Material handling equipment.....	6,099	6,093	6,040	+0.1	+0.9	+1.3	5,919	5,958	5,863	6,077	-2.6
Computers and electronic products.....	127,199	128,078	131,674	-0.7	-2.7	-0.9	126,533	126,688	130,023	156,029	-18.9
Electronic computers.....	9,551	9,205	10,112	+3.8	-9.0	+0.6	9,537	9,246	10,374	10,152	-6.1
Nondefense communications equipment.....	38,986	39,238	41,631	-0.6	-5.7	-1.3	38,497	38,524	40,080	46,855	-17.8
Defense communications equipment.....	2,331	2,423	2,506	-3.8	-3.3	-4.2	2,339	2,389	2,406	2,416	-3.2
Semiconductors.....	14,758	15,469	15,152	-4.6	+2.1	-2.3	15,733	15,534	15,313	29,829	-47.3
Electronic components.....	15,898	16,008	16,189	-0.7	-1.1	-3.0	15,980	16,130	16,365	20,928	-23.6
Nondefense search and navigation equipment.....	4,342	4,444	4,530	-2.3	-1.9	-0.6	4,261	4,370	4,492	5,400	-21.1
Defense search and navigation equipment.....	29,765	29,810	29,744	-0.2	+0.2	0.0	28,753	29,169	29,195	28,935	-0.6
Electromedical, measuring, and control instruments.....	11,568	11,481	11,810	+0.8	-2.8	+1.9	11,433	11,326	11,798	11,514	-0.7
Electrical equipment, appliances, and components.....	16,474	16,865	17,329	-2.3	-2.7	-1.4	16,287	16,471	17,227	19,211	-15.2
Electric lighting equipment.....	1,577	1,606	1,684	-1.8	-4.6	+2.7	1,558	1,568	1,750	1,513	+3.0
Household appliances.....	1,132	1,194	1,251	-5.2	-4.6	+2.0	970	1,086	1,136	890	+9.0
Electrical equipment.....	9,815	9,987	9,929	-1.7	+0.6	+0.1	9,826	9,783	9,898	9,701	+1.3
Transportation equipment.....	286,834	278,553	284,015	+3.0	-1.9	-0.8	280,772	275,087	280,086	266,858	+5.2
Motor vehicle bodies, parts, and trailers.....	11,950	12,369	12,594	-3.4	-1.8	-1.4	11,455	11,890	12,228	13,118	-12.7
Nondefense aircraft and parts.....	141,540	144,333	149,015	-1.9	-3.1	-0.6	139,980	144,421	147,479	135,588	+3.2
Defense aircraft and parts.....	57,765	44,879	45,178	+28.7	-0.7	-1.9	56,120	44,051	44,700	44,024	+27.5
Ships and boats.....	21,635	22,672	22,840	-4.6	-0.7	+0.9	20,868	21,883	22,155	19,196	+8.7
Furniture and related products.....	6,251	6,455	6,608	-3.2	-2.3	-2.4	6,457	6,644	6,810	7,918	-18.5

^P Preliminary ^F Revised

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 Oct. 01/00
	Oct. 2001 ^p	Sept. 2001 ^r	Aug. 2001	Sept. - Oct.	Aug. - Sept.	July - Aug.	Oct. 2001 ^p	Sept. 2001 ^r	Aug. 2001	Oct. 2000	
All manufacturing industries.....	458,658	460,645	464,933	-0.4	-0.9	-0.7	460,302	458,762	466,861	484,933	-5.1
Excluding transportation.....	384,034	386,487	390,770	-0.6	-1.1	-0.8	384,509	383,954	391,564	406,029	-5.3
Excluding defense.....	437,115	439,352	443,428	-0.5	-0.9	-0.8	438,484	436,940	444,818	461,349	-5.0
Durable goods industries.....	290,734	291,942	295,392	-0.4	-1.2	-0.9	291,009	290,120	297,680	308,632	-5.7
Wood products.....	9,514	9,689	9,753	-1.8	-0.7	-0.7	9,630	9,661	9,643	10,248	-6.0
Nonmetallic mineral products.....	9,764	9,790	9,808	-0.3	-0.2	-1.3	9,385	9,559	9,685	9,529	-1.5
Primary metals.....	20,218	20,402	20,560	-0.9	-0.8	-1.2	20,166	20,379	20,549	22,832	-11.7
Iron and steel mills.....	10,980	11,148	11,214	-1.5	-0.6	-0.8	11,052	11,252	11,248	12,716	-13.1
Aluminum and nonferrous metals.....	7,405	7,419	7,517	-0.2	-1.3	-2.1	7,332	7,339	7,504	8,360	-12.3
Ferrous metal foundries.....	1,833	1,835	1,829	-0.1	+0.3	-0.4	1,782	1,788	1,797	1,756	+1.5
Fabricated metal products.....	33,742	33,845	34,011	-0.3	-0.5	-0.3	33,318	33,517	33,977	35,076	-5.0
Machinery.....	49,752	50,072	50,288	-0.6	-0.4	-0.7	49,747	49,459	50,311	50,760	-2.0
Farm machinery.....	2,072	2,107	2,152	-1.7	-2.1	-2.2	1,937	2,007	2,077	2,031	-4.6
Construction machinery.....	3,880	3,878	3,878	+0.1	0.0	-0.3	3,867	3,799	3,794	3,704	+4.4
Mining, oil field, and gas field machinery.....	2,828	2,826	2,792	+0.1	+1.2	+1.9	2,837	2,874	2,869	2,593	+9.4
Industrial machinery.....	8,572	8,653	8,798	-0.9	-1.6	-1.0	8,527	8,465	8,777	9,338	-8.7
Photographic equipment.....	2,425	2,408	2,349	+0.7	+2.5	+0.4	2,470	2,378	2,308	2,286	+8.0
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,626	4,589	4,738	+0.8	-3.1	-0.7	4,556	4,544	4,715	4,461	+2.1
Metalworking machinery.....	5,808	5,931	5,994	-2.1	-1.1	-1.1	5,880	5,985	6,232	6,015	-2.2
Turbines, generators, and other power transmission equipment.....	5,661	5,756	5,509	-1.7	+4.5	-0.6	5,815	5,697	5,642	5,790	+0.4
Material handling equipment.....	2,603	2,581	2,592	+0.9	-0.4	-0.6	2,523	2,476	2,517	2,421	+4.2
Computers and electronic products.....	52,108	52,833	55,349	-1.4	-4.5	-1.9	51,941	51,935	56,638	58,219	-10.8
Electronic computers.....	3,165	3,167	3,274	-0.1	-3.3	-3.0	3,103	3,134	3,526	3,613	-14.1
Computer storage devices.....	1,600	1,623	1,639	-1.4	-1.0	-3.3	1,558	1,452	1,697	1,730	-9.9
Nondefense communications equipment.....	8,780	9,163	10,264	-4.2	-10.7	-3.5	8,812	9,054	10,311	11,968	-26.4
Defense communications equipment.....	530	610	586	-13.1	+4.1	+0.7	528	616	589	504	+4.8
Audio and video equipment.....	1,102	1,076	1,047	+2.4	+2.8	-1.7	1,172	1,130	1,121	1,210	-3.1
Semiconductors.....	7,613	7,773	7,957	-2.1	-2.3	-0.3	7,494	7,434	8,035	7,601	-1.4
Electronic components.....	8,324	8,602	9,032	-3.2	-4.8	-4.8	8,383	8,647	9,275	10,052	-16.6
Nondefense search and navigation equipment.....	2,726	2,713	2,730	+0.5	-0.6	+0.3	2,735	2,691	2,772	2,666	+2.6
Defense search and navigation equipment.....	3,218	3,214	3,198	+0.1	+0.5	-0.1	3,220	3,240	3,317	3,112	+3.5
Electromedical, measuring and control instruments.....	10,911	10,908	11,410	0.0	-4.4	-0.5	10,839	10,673	11,564	11,317	-4.2
Electrical equipment, appliances, and components.....	15,014	15,017	15,151	0.0	-0.9	-0.5	14,942	14,615	15,091	15,641	-4.5
Electric lighting equipment.....	1,686	1,703	1,712	-1.0	-0.5	-1.8	1,704	1,678	1,741	1,839	-7.3
Household appliances.....	2,472	2,457	2,432	+0.6	+1.0	+0.5	2,434	2,315	2,379	2,570	-5.3
Electrical equipment.....	4,876	4,779	4,811	+2.0	-0.7	-0.7	4,927	4,675	4,855	4,806	+2.5
Batteries.....	804	791	798	+1.6	-0.9	+0.1	810	794	836	875	-7.4
Transportation equipment.....	74,624	74,158	74,163	+0.6	0.0	-0.3	75,793	74,808	75,297	78,904	-3.9
Automobiles.....	1,817	1,995	2,104	-8.9	-5.2	-4.1	1,810	2,038	2,223	2,265	-20.1
Light trucks and utility vehicles.....	1,768	1,739	1,738	+1.7	+0.1	-4.2	1,767	1,770	1,792	1,870	-5.5
Heavy duty trucks.....	887	906	952	-2.1	-4.8	-2.2	888	915	953	1,102	-19.4
Motor vehicle bodies, parts, and trailers.....	16,473	16,446	16,420	+0.2	+0.2	-0.7	16,496	16,374	16,483	17,931	-8.0
Nondefense aircraft and parts.....	31,983	31,711	31,294	+0.9	+1.3	+0.3	32,843	31,973	31,697	32,155	+2.1
Defense aircraft and parts.....	9,798	9,551	9,877	+2.6	-3.3	+1.1	9,951	9,757	10,122	11,366	-12.4
Ships and boats.....	2,305	2,316	2,264	-0.5	+2.3	+0.7	2,286	2,303	2,270	2,207	+3.6
Furniture and related products.....	8,042	8,173	8,216	-1.6	-0.5	-2.2	8,012	8,137	8,249	9,000	-11.0
Miscellaneous durable goods.....	17,956	17,963	18,093	0.0	-0.7	-0.5	18,075	18,050	18,240	18,423	-1.9
Nondurable goods industries.....	167,924	168,703	169,541	-0.5	-0.5	-0.5	169,293	168,642	169,181	176,301	-4.0
Food products.....	29,554	29,568	29,893	0.0	-1.1	-0.1	31,310	30,011	29,712	31,317	0.0
Grain and oilseed milling.....	3,210	3,236	3,278	-0.8	-1.3	-0.6	3,467	3,084	3,054	3,686	-5.9
Dairy products.....	3,126	3,152	3,046	-0.8	+3.5	-1.0	3,147	3,169	3,114	3,054	+3.0
Meat, poultry, and seafood products.....	5,927	5,890	5,844	+0.6	+0.8	+1.7	6,065	5,907	5,784	5,671	+6.9
Beverage and tobacco products.....	13,833	13,955	14,023	-0.9	-0.5	-0.2	14,288	14,077	13,514	14,404	-0.8
Beverages.....	8,371	8,380	8,320	-0.1	+0.7	+0.2	8,625	8,542	8,113	8,356	+3.2
Tobacco.....	5,462	5,575	5,703	-2.0	-2.2	-0.9	5,663	5,535	5,401	6,048	-6.4
Textile mills.....	6,334	6,390	6,447	-0.9	-0.9	-0.9	6,194	6,229	6,464	6,803	-9.0
Textile products.....	4,495	4,501	4,531	-0.1	-0.7	-0.5	4,431	4,488	4,538	4,825	-8.2
Apparel.....	9,422	9,615	9,791	-2.0	-1.8	-1.9	9,173	9,637	9,972	10,031	-8.6
Leather and allied products.....	1,496	1,499	1,503	-0.2	-0.3	-0.1	1,504	1,529	1,550	1,646	-8.6
Paper products.....	15,601	15,571	15,461	+0.2	+0.7	-0.5	15,452	15,494	15,470	16,216	-4.7
Pulp, paper, and paperboard mills.....	6,933	6,907	6,853	+0.4	+0.8	-0.6	6,800	6,828	6,817	7,053	-3.6
Paperboard containers.....	4,350	4,359	4,334	-0.2	+0.6	-0.3	4,366	4,395	4,356	4,738	-7.9
Printing.....	6,172	6,166	6,410	+0.1	-3.8	+0.2	6,318	6,412	6,769	7,217	-12.5
Petroleum and coal products.....	12,101	12,730	12,864	-4.9	-1.0	-0.5	12,312	13,047	13,018	14,093	-12.6
Petroleum refineries.....	10,288	10,930	11,165	-5.9	-2.1	+0.3	10,528	11,266	11,256	12,250	-14.1
Basic chemicals.....	51,371	51,061	50,899	+0.6	+0.3	-0.6	51,114	50,449	50,710	51,546	-0.8
Pesticides, fertilizers, and other agricultural chemicals.....	2,729	2,801	2,842	-2.6	-1.4	-2.3	2,543	2,523	2,453	2,610	-2.6
Pharmaceuticals and medicines.....	18,315	18,107	17,828	+1.1	+1.6	+1.0	18,632	18,087	18,085	17,941	+3.9
Paints, coatings, and adhesives.....	3,274	3,254	3,274	+0.6	-0.6	-0.3	3,194	3,176	3,254	3,161	+1.0
Plastics and rubber products.....	17,545	17,647	17,719	-0.6	-0.4	-0.7	17,197	17,269	17,464	18,203	-5.5

^p Preliminary

^r Revised

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				Percent Change Oct. 01/00	Year to date	
	Oct. 2001 ^p	Sept. 2001 ^r	Aug. 2001	Sept. - Oct.	Aug. - Sept.	July - Aug.	Oct. 2001 ^p	Sept. 2001 ^r	Aug. 2001	Oct. 2000		2001 ^p	2000
SHIPMENTS													
All manufacturing industries.....	328,666	321,573	337,443	+2.2	-4.7	-0.3	336,974	341,063	344,154	363,906	-7.4	3,386,346	3,578,276
Construction materials and supplies.....	33,125	32,322	33,351	+2.5	-3.1	+0.6	35,057	33,386	35,816	35,853	-2.2	335,450	356,655
Information technology.....	27,353	27,505	28,377	-0.6	-3.1	-5.6	26,296	32,325	26,088	35,463	-25.8	301,977	347,606
Capital goods.....	66,100	65,471	68,121	+1.0	-3.9	-2.1	63,612	72,695	64,948	74,006	-14.0	695,596	751,521
Nondefense capital goods ³	59,676	58,978	61,468	+1.2	-4.1	-2.6	57,223	65,565	58,561	68,372	-16.3	634,378	694,624
Excluding aircraft.....	55,419	54,520	57,359	+1.6	-4.9	-2.3	53,739	61,077	54,486	65,192	-17.6	591,597	650,783
Defense capital goods ⁴	6,424	6,493	6,653	-1.1	-2.4	+3.3	6,389	7,130	6,387	5,634	+13.4	61,218	56,897
Consumer goods.....	125,690	122,716	130,106	+2.4	-5.7	+1.4	131,908	128,921	134,817	136,516	-3.4	1,276,841	1,302,699
Consumer durable goods.....	34,050	31,015	36,116	+9.8	-14.1	+1.1	36,957	33,707	37,084	39,003	-5.2	342,033	373,915
Consumer nondurable goods.....	91,640	91,701	93,990	-0.1	-2.4	+1.5	94,951	95,214	97,733	97,513	-2.6	934,808	928,784
NEW ORDERS													
All manufacturing industries.....	333,189	310,982	332,439	+7.1	-6.5	-0.1	338,877	330,044	335,619	362,791	-6.6	3,342,775	3,637,250
Construction materials and supplies.....	32,623	31,705	33,065	+2.9	-4.1	0.0	34,118	32,383	35,476	35,549	-4.0	332,571	358,158
Information technology.....	27,162	23,357	27,647	+16.3	-15.5	-3.8	25,994	28,551	23,784	36,456	28.7	288,434	358,304
Capital goods.....	73,303	57,282	64,722	+28.0	-11.5	-1.7	68,707	65,605	58,664	73,231	-6.2	671,033	797,720
Nondefense capital goods ³	54,879	51,267	58,921	+7.0	-13.0	-0.9	51,134	59,560	54,672	67,861	-24.6	603,743	722,660
Excluding aircraft.....	53,239	50,182	55,688	+6.1	-9.9	-1.1	51,915	56,821	51,532	66,410	-21.8	572,962	670,609
Defense capital goods ⁴	18,424	6,015	5,801	206.3	+3.7	-8.4	17,573	6,045	3,992	5,370	227.2	67,290	75,060
Consumer goods.....	125,643	122,818	130,218	+2.3	-5.7	+1.4	132,056	128,850	134,837	137,144	-3.7	1,274,555	1,303,740
Consumer durable goods.....	34,003	31,117	36,228	+9.3	-14.1	+1.0	37,105	33,636	37,104	39,631	-6.4	339,747	374,956
UNFILLED ORDERS													
All manufacturing industries.....	557,104	552,581	563,172	+0.8	-1.9	-0.9	548,443	546,540	557,559	582,188	-5.8	(X)	(X)
Construction materials and supplies.....	33,603	34,105	34,722	-1.5	-1.8	-0.8	33,189	34,128	35,131	36,361	-8.7	(X)	(X)
Information technology.....	101,312	101,503	105,651	-0.2	-3.9	-0.7	99,578	99,880	103,654	113,111	-12.0	(X)	(X)
Capital goods.....	387,426	380,223	388,412	+1.9	-2.1	-0.9	380,581	375,486	382,576	393,172	-3.2	(X)	(X)
Nondefense capital goods ³	252,969	257,766	265,477	-1.9	-2.9	-1.0	250,009	256,098	262,103	271,302	-7.8	(X)	(X)
Excluding aircraft.....	145,478	147,658	151,996	-1.5	-2.9	-1.1	144,078	145,902	150,158	165,552	-13.0	(X)	(X)
Defense capital goods ⁴	134,457	122,457	122,935	+9.8	-0.4	-0.7	130,572	119,388	120,473	121,870	+7.1	(X)	(X)
Consumer goods.....	8,589	8,636	8,534	-0.5	+1.2	+1.3	8,594	8,446	8,517	10,720	-19.8	(X)	(X)
Consumer durable goods.....	8,589	8,636	8,534	-0.5	+1.2	+1.3	8,594	8,446	8,517	10,720	-19.8	(X)	(X)
TOTAL INVENTORIES													
All manufacturing industries.....	458,658	460,645	464,933	-0.4	-0.9	-0.7	460,302	458,762	466,861	484,933	-5.1	(X)	(X)
Construction materials and supplies.....	47,154	47,377	47,578	-0.5	-0.4	-0.6	46,505	46,784	47,266	48,535	-4.2	(X)	(X)
Information technology.....	43,772	44,153	46,107	-0.9	-4.2	-1.3	43,601	43,385	46,916	48,403	-9.9	(X)	(X)
Capital goods.....	142,451	143,000	145,311	-0.4	-1.6	-0.6	143,451	142,262	147,078	150,426	-4.6	(X)	(X)
Nondefense capital goods ³	124,224	124,837	126,954	-0.5	-1.7	-0.8	125,037	123,637	128,344	131,210	-4.7	(X)	(X)
Excluding aircraft.....	99,760	100,478	102,763	-0.7	-2.2	-0.9	99,680	98,952	103,744	105,831	-5.8	(X)	(X)
Defense capital goods ⁴	18,227	18,163	18,357	+0.4	-1.1	+0.8	18,414	18,625	18,734	19,216	-4.2	(X)	(X)
Consumer goods.....	126,971	127,961	128,633	-0.8	-0.5	-0.6	129,273	128,728	128,821	134,464	-3.9	(X)	(X)
Consumer durable goods.....	27,342	27,612	27,906	-1.0	-1.1	-1.9	27,319	27,567	28,137	29,553	-7.6	(X)	(X)
Consumer nondurable goods.....	99,629	100,349	100,727	-0.7	-0.4	-0.2	101,954	101,161	100,684	104,911	-2.8	(X)	(X)

^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.

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 Oct. 01/00
	Oct. 2001 ^p	Sept. 2001 ^r	Aug. 2001	Sept. - Oct.	Aug. - Sept.	July - Aug.	Oct. 2001 ^p	Sept. 2001 ^r	Aug. 2001	Oct. 2000	
MATERIALS AND SUPPLIES											
All manufacturing industries.....	150,995	151,332	153,632	-0.2	-1.5	-1.2	151,049	151,233	153,918	163,264	-7.5
Durable goods industries.....	92,019	92,398	94,106	-0.4	-1.8	-1.3	92,117	92,528	94,935	101,319	-9.1
Wood products.....	3,650	3,721	3,806	-1.9	-2.2	-2.5	3,962	3,878	3,762	4,255	-6.9
Nonmetallic mineral products.....	3,343	3,334	3,349	+0.3	-0.4	-0.9	3,350	3,370	3,376	3,369	-0.6
Primary metals.....	6,704	6,784	6,957	-1.2	-2.5	-1.0	6,845	6,855	6,996	7,957	-14.0
Fabricated metal products.....	10,370	10,376	10,581	-0.1	-1.9	0.0	10,244	10,422	10,681	11,282	-9.2
Machinery.....	17,680	17,776	17,796	-0.5	-0.1	-1.1	17,698	17,732	17,912	17,734	-0.2
Computers and electronic products.....	18,245	18,438	19,070	-1.0	-3.3	-3.7	17,853	18,405	19,650	21,632	-17.5
Electrical equipment, appliances, and components.....	5,752	5,738	5,853	+0.2	-2.0	-0.7	5,756	5,654	5,820	6,160	-6.6
Transportation equipment.....	16,725	16,652	16,938	+0.4	-1.7	0.0	16,866	16,650	16,964	18,728	-9.9
Furniture and related products.....	3,241	3,294	3,306	-1.6	-0.4	-1.5	3,225	3,269	3,301	3,718	-13.3
Miscellaneous products.....	6,309	6,285	6,450	+0.4	-2.6	-0.7	6,318	6,293	6,473	6,484	-2.6
Nondurable goods industries.....	58,976	58,934	59,526	+0.1	-1.0	-1.1	58,932	58,705	58,983	61,945	-4.9
Food products.....	10,487	10,550	10,659	-0.6	-1.0	-1.5	10,710	10,307	10,333	11,058	-3.1
Beverage and tobacco products.....	5,804	5,816	5,866	-0.2	-0.9	-1.4	5,724	5,795	5,724	5,950	-3.8
Textiles.....	1,674	1,696	1,716	-1.3	-1.2	-1.1	1,641	1,664	1,721	1,912	-14.2
Textile products.....	1,579	1,572	1,551	+0.4	+1.4	-2.0	1,547	1,577	1,570	1,743	-11.2
Apparel.....	2,069	2,130	2,197	-2.9	-3.0	-1.7	2,058	2,105	2,140	2,530	-18.7
Leather and allied products.....	384	400	408	-4.0	-2.0	-4.0	380	401	415	437	-13.0
Paper products.....	7,404	7,429	7,408	-0.3	+0.3	-0.5	7,381	7,451	7,398	7,678	-3.9
Printing.....	2,699	2,590	2,757	+4.2	-6.1	-3.1	2,764	2,699	2,849	3,277	-15.7
Petroleum and coal products.....	3,795	3,807	3,834	-0.3	-0.7	-3.2	3,855	3,822	3,841	4,192	-8.0
Basic chemicals.....	15,890	15,730	15,851	+1.0	-0.8	-0.1	15,817	15,690	15,735	15,899	-0.5
Plastics and rubber products.....	7,191	7,214	7,279	-0.3	-0.9	-0.3	7,055	7,194	7,257	7,269	-2.9
WORK IN PROCESS											
All manufacturing industries.....	135,834	136,372	136,455	-0.4	-0.1	-0.2	137,442	136,457	137,629	144,543	-4.9
Durable goods industries.....	107,737	107,613	107,708	+0.1	-0.1	-0.5	108,539	107,619	109,176	113,013	-4.0
Wood products.....	1,905	1,911	1,947	-0.3	-1.8	+2.4	1,915	1,899	1,954	2,102	-8.9
Nonmetallic mineral products.....	1,463	1,460	1,428	+0.2	+2.2	-2.9	1,372	1,392	1,409	1,349	+1.7
Primary metals.....	6,891	6,978	7,031	-1.2	-0.8	-0.5	6,844	6,985	7,034	7,760	-11.8
Fabricated metal products.....	11,440	11,456	11,477	-0.1	-0.2	-0.1	11,444	11,473	11,576	11,446	0.0
Machinery.....	14,835	14,823	14,860	+0.1	-0.2	-0.8	15,059	14,667	15,031	15,655	-3.8
Computers and electronic products.....	18,287	18,336	18,335	-0.3	0.0	-0.6	17,977	17,982	18,914	18,404	-2.3
Electrical equipment, appliances, and components.....	3,560	3,597	3,654	-1.0	-1.6	-2.0	3,536	3,526	3,681	3,904	-9.4
Transportation equipment.....	44,690	44,383	44,225	+0.7	+0.4	-0.2	45,671	44,958	44,762	47,420	-3.7
Furniture and related products.....	1,542	1,572	1,588	-1.9	-1.0	-5.5	1,545	1,564	1,598	1,804	-14.4
Miscellaneous products.....	3,124	3,097	3,163	+0.9	-2.1	-0.5	3,176	3,173	3,217	3,169	+0.2
Nondurable goods industries.....	28,097	28,759	28,747	-2.3	0.0	+0.8	28,903	28,838	28,453	31,530	-8.3
Food products.....	2,463	2,481	2,474	-0.7	+0.3	+2.4	2,882	2,458	2,273	2,916	-1.2
Beverage and tobacco products.....	3,303	3,350	3,376	-1.4	-0.8	+1.6	3,574	3,441	3,102	3,620	-1.3
Textiles.....	1,555	1,585	1,605	-1.9	-1.2	-3.0	1,539	1,571	1,593	1,822	-15.5
Textile products.....	872	875	887	-0.3	-1.4	-0.3	873	893	888	961	-9.2
Apparel.....	1,695	1,716	1,733	-1.2	-1.0	-1.5	1,642	1,663	1,729	2,136	-23.1
Leather and allied products.....	179	179	189	0.0	-5.3	-2.6	177	182	191	246	-28.0
Paper products.....	1,440	1,429	1,433	+0.8	-0.3	+1.6	1,395	1,421	1,446	1,455	-4.1
Printing.....	1,769	1,866	1,942	-5.2	-3.9	+2.4	1,870	1,966	2,121	2,236	-16.4
Petroleum and coal products.....	2,649	2,875	2,758	-7.9	+4.2	-3.0	2,710	2,959	2,776	3,545	-23.6
Basic chemicals.....	9,686	9,964	9,918	-2.8	+0.5	+2.3	9,782	9,904	9,935	10,253	-4.6
Plastics and rubber products.....	2,486	2,439	2,432	+1.9	+0.3	-0.6	2,459	2,380	2,399	2,340	+5.1
FINISHED GOODS											
All manufacturing industries.....	171,829	172,941	174,846	-0.6	-1.1	-0.7	171,811	171,072	175,314	177,126	-3.0
Durable goods industries.....	90,978	91,931	93,578	-1.0	-1.8	-0.8	90,353	89,973	93,569	94,300	-4.2
Wood products.....	3,959	4,057	4,000	-2.4	+1.4	-0.3	3,753	3,884	3,927	3,891	-3.5
Nonmetallic mineral products.....	4,958	4,996	5,031	-0.8	-0.7	-1.2	4,663	4,797	4,900	4,811	-3.1
Primary metals.....	6,623	6,640	6,572	-0.3	+1.0	-2.2	6,477	6,539	6,519	7,115	-9.0
Fabricated metal products.....	11,932	12,013	11,953	-0.7	+0.5	-0.8	11,630	11,622	11,720	12,348	-5.8
Machinery.....	17,237	17,473	17,632	-1.4	-0.9	-0.1	16,990	17,060	17,368	17,371	-2.2
Computers and electronic products.....	15,576	16,059	17,944	-3.0	-10.5	-1.3	16,111	15,548	18,074	18,183	-11.4
Electrical equipment, appliances, and components.....	5,702	5,682	5,644	+0.4	+0.7	+0.8	5,650	5,435	5,590	5,577	+1.3
Transportation equipment.....	13,209	13,123	13,000	+0.7	+0.9	-1.1	13,256	13,200	13,571	12,756	+3.9
Furniture and related products.....	3,259	3,307	3,322	-1.5	-0.5	-1.2	3,242	3,304	3,350	3,478	-6.8
Miscellaneous products.....	8,523	8,581	8,480	-0.7	+1.2	-0.3	8,581	8,584	8,550	8,770	-2.2
Nondurable goods industries.....	80,851	81,010	81,268	-0.2	-0.3	-0.6	81,458	81,099	81,745	82,826	-1.7
Food products.....	16,604	16,537	16,760	+0.4	-1.3	+0.4	17,718	17,246	17,106	17,343	+2.2
Beverage and tobacco products.....	4,726	4,789	4,781	-1.3	+0.2	-0.1	4,990	4,841	4,688	4,834	+3.2
Textiles.....	3,105	3,109	3,126	-0.1	-0.5	+0.3	3,014	2,994	3,150	3,069	-1.8
Textile products.....	2,044	2,054	2,093	-0.5	-1.9	+0.6	2,011	2,018	2,080	2,121	-5.2
Apparel.....	5,658	5,769	5,861	-1.9	-1.6	-2.0	5,473	5,869	6,103	5,365	+2.0
Leather and allied products.....	933	920	906	+1.4	+1.5	+2.3	947	946	944	963	-1.7
Paper products.....	6,757	6,713	6,620	+0.7	+1.4	-1.0	6,676	6,622	6,626	7,083	-5.7
Printing.....	1,704	1,710	1,711	-0.4	-0.1	+3.4	1,684	1,747	1,799	1,704	-1.2
Petroleum and coal products.....	5,657	6,048	6,272	-6.5	-3.6	+2.3	5,747	6,266	6,401	6,356	-9.6
Basic chemicals.....	25,795	25,367	25,130	+1.7	+0.9	-2.0	25,515	24,855	25,040	25,394	+0.5
Plastics and rubber products.....	7,868	7,994	8,008	-1.6	-0.2	-1.1	7,683	7,695	7,808	8,594	-10.6

^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			
	Oct 2001 ^p	Sep 2001 ^r	Aug 2001	Jul 2001	Oct 2001 ^p	Sep 2001 ^r	Aug 2001	Jul 2001
All manufacturing industries.....	1.40	1.43	1.38	1.38	(X)	(X)	(X)	(X)
Durable goods industries.....	1.61	1.67	1.59	1.59	4.33	4.37	4.26	4.22
Wood products.....	1.31	1.35	1.38	1.38	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.30	1.38	1.28	1.31	(X)	(X)	(X)	(X)
Primary metals.....	1.75	1.80	1.72	1.72	1.54	1.63	1.56	1.55
Fabricated metal products.....	1.66	1.70	1.65	1.67	2.11	2.17	2.13	2.17
Machinery.....	2.14	2.22	2.04	2.06	2.73	2.90	2.64	2.68
Computers and electronic products.....	1.57	1.61	1.66	1.60	4.43	4.47	4.54	4.27
Electrical equipment, appliances, and components.....	1.49	1.53	1.42	1.45	1.72	1.82	1.71	1.77
Transportation equipment.....	1.44	1.52	1.38	1.37	8.96	8.80	8.75	8.70
Furniture and related products.....	1.39	1.47	1.36	1.40	1.22	1.32	1.23	1.26
Miscellaneous products.....	1.87	1.90	1.84	1.88	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.13	1.15	1.12	1.13	(X)	(X)	(X)	(X)
Food products.....	0.77	0.77	0.77	0.78	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.35	1.46	1.38	1.42	(X)	(X)	(X)	(X)
Textiles.....	1.68	1.71	1.68	1.69	(X)	(X)	(X)	(X)
Textile products.....	1.60	1.60	1.61	1.62	(X)	(X)	(X)	(X)
Apparel.....	1.86	1.93	1.91	1.98	(X)	(X)	(X)	(X)
Leather and allied products.....	2.14	2.13	2.10	2.11	(X)	(X)	(X)	(X)
Paper products.....	1.20	1.23	1.19	1.19	(X)	(X)	(X)	(X)
Printing.....	0.75	0.78	0.76	0.78	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.73	0.71	0.70	0.72	(X)	(X)	(X)	(X)
Basic chemicals.....	1.47	1.50	1.43	1.44	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.19	1.21	1.18	1.16	(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.

Table 8. REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES
(Based on Seasonally Adjusted data)

Industry	Shipments			New Orders			Unfilled Orders			Inventories		
	Oct ¹ 2001	Oct ² 1996- 2000	Oct 2000- Sep 2001	Oct ¹ 2001	Oct ² 1996- 2000	Oct 2000- Sep 2001	Oct ¹ 2001	Oct ² 1996- 2000	Oct 2000- Sep 2001	Oct ¹ 2001	Oct ² 1996- 2000	Oct 2000- Sep 2001
All manufacturing industries.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Durable goods industries.....	0.1	(NA)	(NA)	-0.1	(NA)	(NA)	-0.1	(NA)	(NA)	0.0	(NA)	(NA)
Wood products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Nonmetallic mineral products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Primary metals.....	0.2	(NA)	(NA)	0.3	(NA)	(NA)	0.0	(NA)	(NA)	-0.1	(NA)	(NA)
Fabricated metal products.....	0.2	(NA)	(NA)	0.3	(NA)	(NA)	-0.1	(NA)	(NA)	-0.1	(NA)	(NA)
Machinery.....	0.2	(NA)	(NA)	-0.6	(NA)	(NA)	-0.3	(NA)	(NA)	0.0	(NA)	(NA)
Computers and electronic products.....	-0.1	(NA)	(NA)	-0.4	(NA)	(NA)	0.0	(NA)	(NA)	0.0	(NA)	(NA)
Electrical equipment, appliances, and components.....	0.8	(NA)	(NA)	0.2	(NA)	(NA)	-0.3	(NA)	(NA)	0.0	(NA)	(NA)
Transportation equipment.....	0.0	(NA)	(NA)	0.1	(NA)	(NA)	0.0	(NA)	(NA)	0.0	(NA)	(NA)
Furniture and related products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Miscellaneous products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Nondurable goods industries.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Food products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Beverage and tobacco products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Textiles.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Textile products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Apparel.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Leather and allied products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Paper products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Printing.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Petroleum and coal products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Basic chemicals.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Plastics and rubber products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)

(X) Not Applicable

(NA) Not Available

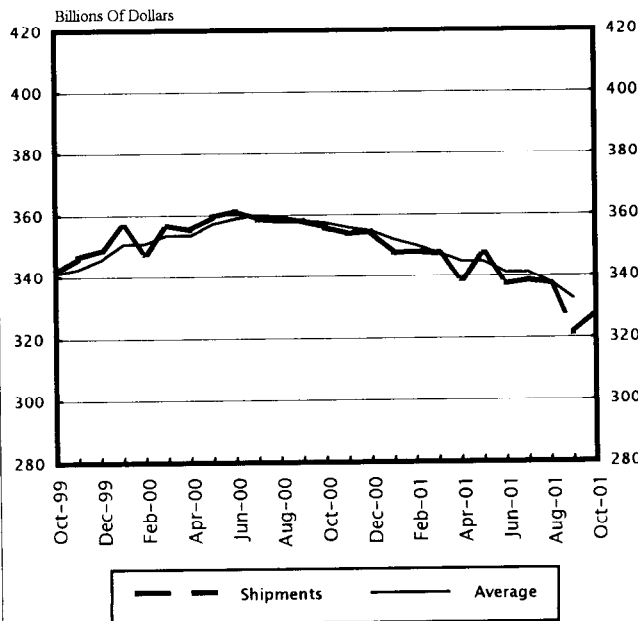
NOTE: The five year and the twelve month revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the absolute values of the differences for the months specified. The advance to final percent change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

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

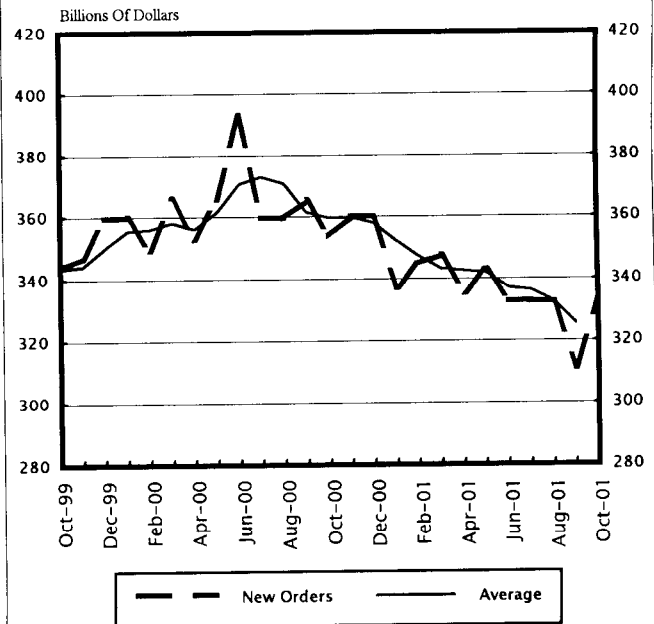
² Average revisions of the current month for the past five years.

See note at end of Table 2 relating to survey error and revision. In Table 8, the second column for each item represents the average revisions of the current month for the past five years.

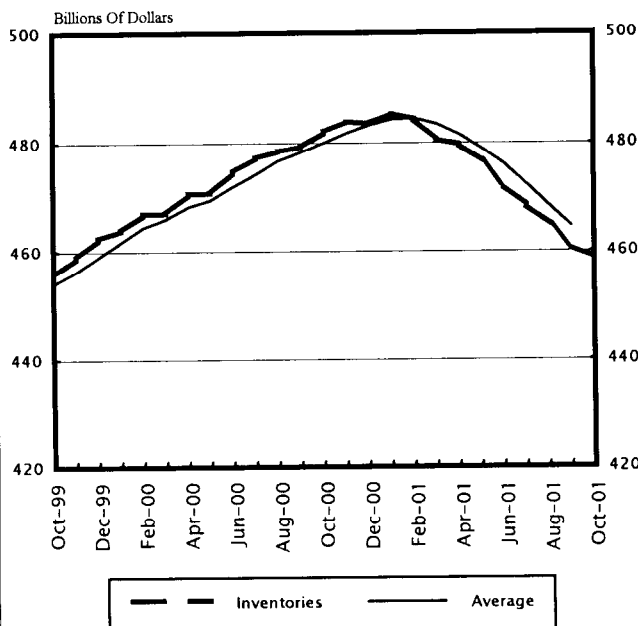
**Total Manufacturing
Shipments and Three Month
Moving Average**



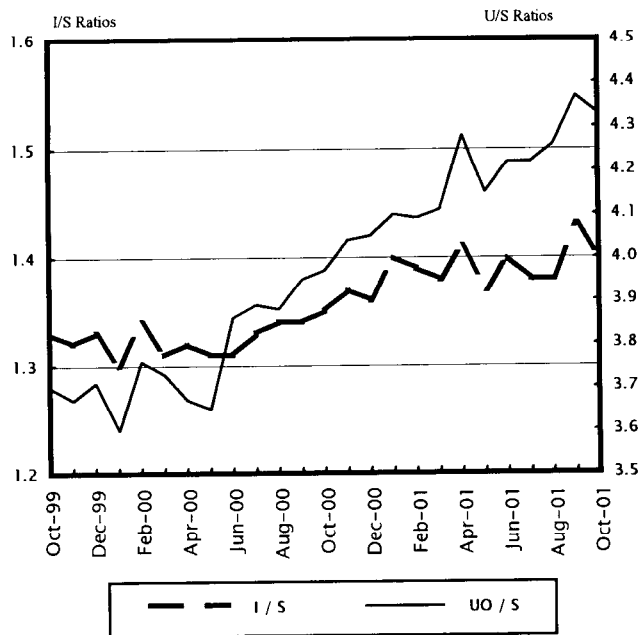
**Total Manufacturing
New Orders and Three Month
Moving Average**



**Total Manufacturing
Total Inventories and Three Month
Moving Average**

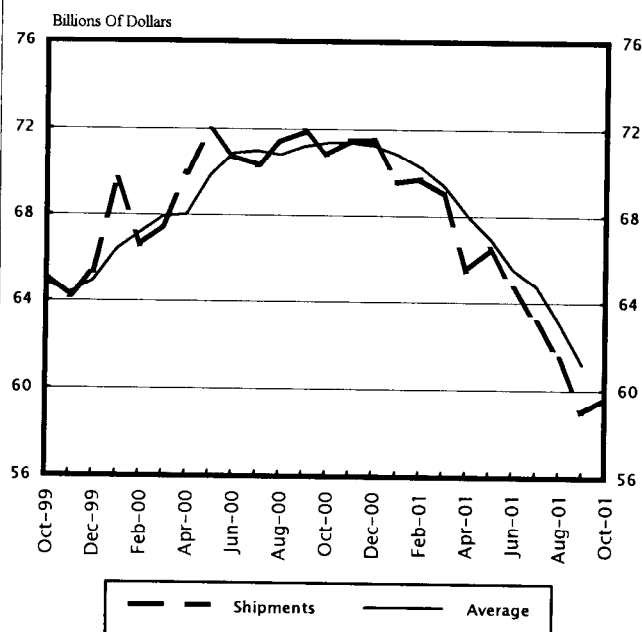


**Total Manufacturing
Ratios of Unfilled Orders and Total
Inventories to Shipments**

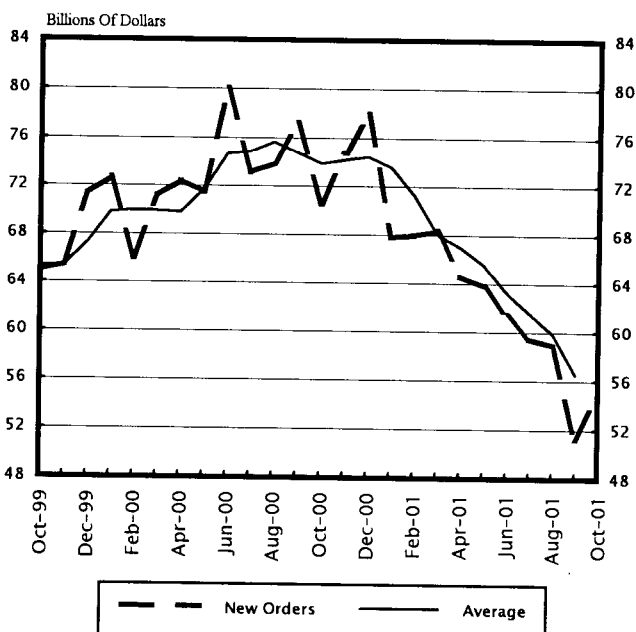


Note: All charts based on seasonally adjusted current dollars.

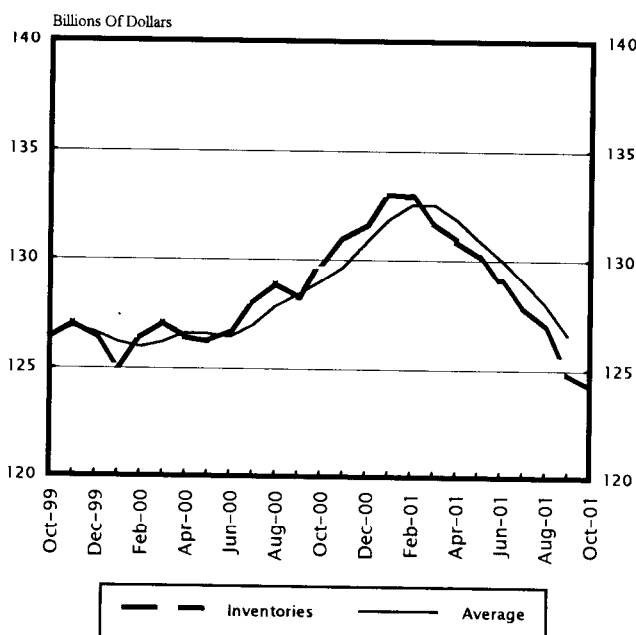
**Nondefense Capital Goods
Shipments and Three Month
Moving Average**



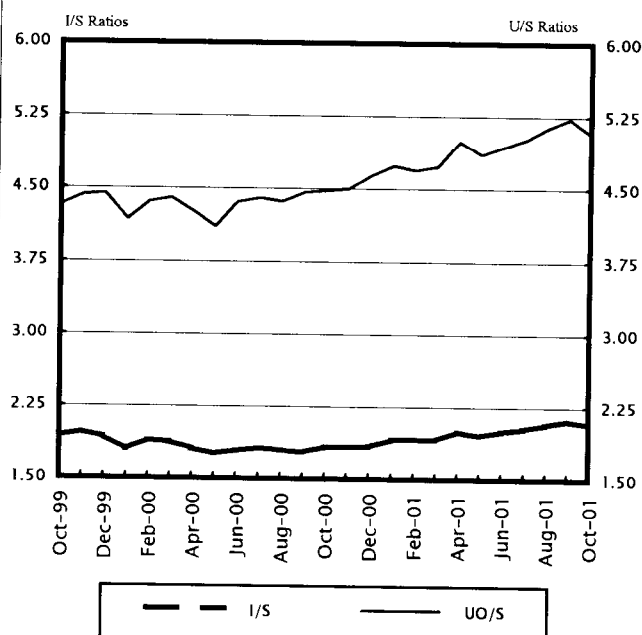
**Nondefense Capital Goods
New Orders and Three Month
Moving Average**



**Nondefense Capital Goods
Total Inventories and Three Month
Moving Average**



**Nondefense Capital Goods
Ratios of Unfilled Orders and Total
Inventories to Shipments**



Note: All charts based on seasonally adjusted current dollars.