

Manufacturers' Shipments, Inventories, and Orders

June
2001

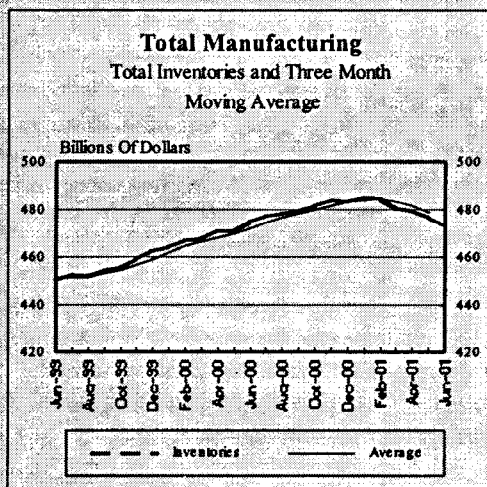
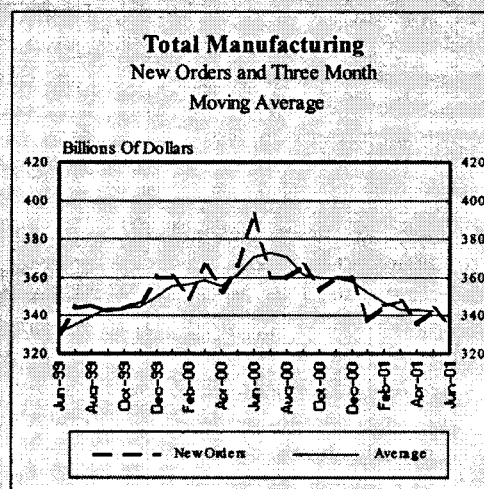
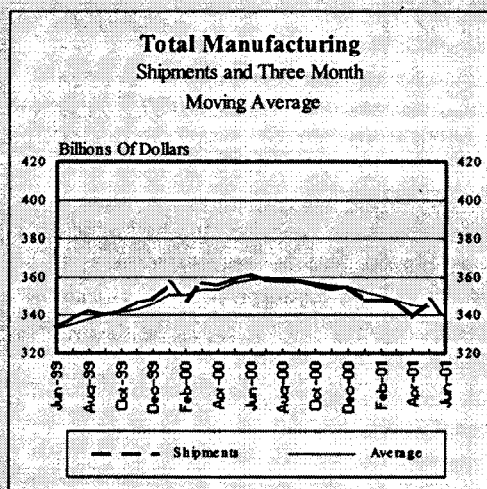
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All figures in the text are in seasonally adjusted current dollars

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 July is scheduled for August 24, 2001 at 8:30 a.m. and the full report on August 31, 2001 at 10:00 a.m. For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

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Summary

New orders for manufactured goods in June decreased \$8.3 billion or 2.4 percent to \$334.6 billion, the Department of Commerce, Bureau of the Census reported today. This follows a 2.2 percent May increase. Year to date, new orders for 2001 are 6.6 percent below the same period a year ago; new orders for the second quarter are 1.6 percent below the first quarter.

Shipments decreased \$9.6 billion or 2.8 percent to \$337.7 billion, following a 2.4 percent May increase. This is the largest decrease since August 1992. Year to date, shipments for 2001 are 3.3 percent below the same period a year ago; shipments for the second quarter are 1.8 percent below the first quarter.

Unfilled orders, down six consecutive months, decreased \$3.1 billion or 0.5 percent to \$575.4 billion, following a 0.8 percent May decrease. The unfilled orders-to-shipments ratio was 4.21, up from 4.15 in May.

Inventories, down five consecutive months, decreased \$3.4 billion or 0.7 percent to \$473.3 billion, following a 0.6 percent May decrease. The inventories-to-shipments ratio was 1.40, up from 1.37 in May.

New Orders

New orders for manufactured durable goods in June decreased \$3.3 billion or 1.7 percent to \$184.8 billion, revised from the previously published 2.0 percent decrease.

Transportation equipment had the largest decrease, \$1.8 billion or 3.3 percent to \$52.6 billion. Computers and electronic products decreased \$0.4 billion or 1.3 percent to \$34.7 billion, due to nondefense communications equipment.

New orders for nondurable goods decreased \$5.1 billion or 3.3 percent to \$149.7 billion.

Shipments

Shipments of durable goods in June decreased \$4.5 billion or 2.4 percent to \$187.9 billion, revised from the previously published 2.3 percent decrease.

All durable goods subsectors decreased. Machinery, down four of the last five months, had the largest decrease, \$1.0 billion or 3.9 percent to \$24.3 billion; this is the largest decrease

since February 2000. Transportation equipment decreased \$1.0 billion or 1.8 percent to \$53.3 billion. Computers and electronic products, down six consecutive months, decreased \$0.6 billion or 1.5 percent to \$37.2 billion. Fabricated metal products decreased \$0.5 billion or 2.6 percent to \$20.2 billion. Primary metals, down ten of the last twelve months, decreased \$0.5 billion or 3.9 percent to \$11.9 billion.

Shipments of nondurable goods decreased \$5.1 billion or 3.3 percent to \$149.7 billion. Led by petroleum and coal products, all nondurable goods subsectors decreased, except textile products.

Unfilled Orders

Unfilled Orders for durable goods in June, down six consecutive months, decreased \$3.1 billion or 0.5 percent to \$575.4 billion, revised from the previously published 0.7 percent decrease.

Computers and electronic products, led by nondefense communications equipment, had the largest decrease, \$2.5 billion or 1.8 percent to \$136.8 billion; this is the seventh consecutive decrease. Transportation equipment decreased \$0.8 billion or 0.3 percent to \$288.3 billion.

Inventories

Inventories of durable goods in June decreased \$2.4 billion or 0.8 percent to \$301.7 billion, revised from the previously published 0.7 percent decrease.

Transportation equipment had the largest decrease, \$1.1 billion or 1.5 percent to \$74.6 billion. Computers and electronic products, down four consecutive months, decreased \$0.6 billion or 1.1 percent to \$57.9 billion.

Inventories of nondurable goods, down five consecutive months, decreased \$1.0 billion or 0.6 percent to \$171.6 billion. This is the largest decrease since December 1998.

By stage of fabrication, June finished goods increased 0.1 percent in durables and decreased 0.1 percent in nondurables. Work in process decreased 1.1 percent in durables and 1.5 percent in nondurables. Materials and supplies decreased 1.4 percent in durables and 0.7 percent in nondurables.

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The advance report on durable goods for July is scheduled for August 24, 2001 at 8:30 a.m. and the full report on August 31, 2001 at 10:00 a.m. For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. This report is available on the day of issue through STAT-USA/Internet at www.stat-usa.gov.

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted ¹						
	Monthly			Percent Change			Monthly				Percent	Year to date	
	June 2001 ^p	May 2001 ^r	Apr. 2001	May - June	Apr. - May	Mar. - Apr.	June 2001 ^p	May 2001 ^r	Apr. 2001	June 2000	Change June 01/00	2001 ^p	2000
All manufacturing industries.....	337,653	347,267	339,031	-2.8	+2.4	-2.4	362,022	351,059	330,087	390,245	-7.2	2,062,152	2,147,825
Excluding transportation.....	284,307	292,952	289,662	-3.0	+1.1	-1.8	302,975	293,503	280,915	326,004	-7.1	1,744,138	1,794,814
Excluding defense.....	330,087	340,286	332,458	-3.0	+2.4	-2.4	353,609	344,192	323,907	382,285	-7.5	2,021,515	2,108,291
Durable goods industries.....	187,925	192,463	186,519	-2.4	+3.2	-3.9	206,412	193,654	180,057	228,315	-9.6	1,149,118	1,232,738
Wood products.....	7,061	7,216	6,765	-2.1	+6.7	+3.5	7,696	7,674	6,819	8,000	-3.8	40,786	46,707
Nonmetallic mineral products.....	7,537	7,731	7,499	-2.5	+3.1	+0.5	8,080	8,104	7,540	8,664	-6.7	44,678	48,520
Primary metals.....	11,859	12,340	11,785	-3.9	+4.7	-3.3	12,426	12,745	12,063	14,595	-14.9	74,527	86,049
Iron and steel mills.....	5,103	5,351	5,022	-4.6	+6.6	-4.1	5,377	5,543	5,145	6,581	-18.3	32,035	38,725
Aluminum and nonferrous metals.....	5,454	5,668	5,518	-3.8	+2.7	-2.9	5,666	5,789	5,661	6,541	-13.4	34,606	38,511
Ferrous metal foundries.....	1,302	1,321	1,245	-1.4	+6.1	-2.3	1,383	1,413	1,257	1,473	-6.1	7,886	8,813
Fabricated metal products.....	20,181	20,729	20,242	-2.6	+2.4	-1.6	21,488	21,360	20,123	23,370	-8.1	123,670	131,997
Machinery.....	24,274	25,266	24,815	-3.9	+1.8	-1.9	26,813	25,413	24,735	27,690	-3.2	152,173	150,927
Farm machinery.....	1,366	1,254	1,167	+8.9	+7.5	+8.8	1,498	1,457	1,495	1,227	+22.1	8,432	7,716
Construction machinery.....	1,604	1,645	1,620	-2.5	+1.5	-5.0	1,841	1,810	1,750	2,049	-10.2	10,754	12,059
Mining, oil field, and gas field machinery.....	1,061	1,077	1,050	-1.5	+2.6	+0.3	1,140	1,015	991	869	+31.2	6,262	4,751
Industrial machinery.....	3,676	4,003	4,104	-8.2	-2.5	-5.2	3,988	3,525	4,037	4,717	-15.5	24,296	22,862
Photographic equipment.....	1,362	1,346	1,303	+1.2	+3.3	-9.0	1,527	1,336	1,213	1,350	+13.1	7,804	7,217
Ventilation, heating, air-conditioning, and refrigeration equipment.....	2,806	2,819	2,631	-0.5	+7.1	-5.9	3,280	3,027	2,620	3,374	-2.8	16,766	17,305
Metalworking machinery.....	2,434	2,392	2,374	+1.8	+0.8	-6.4	2,705	2,310	2,130	2,752	-1.7	14,029	14,772
Turbines, generators, and other power transmission equipment.....	2,840	3,335	3,284	-14.8	+1.6	+7.0	3,362	3,247	2,820	3,453	-2.6	18,068	18,508
Material handling equipment.....	1,633	1,759	1,712	-7.2	+2.7	-7.0	1,770	1,760	1,695	2,086	-15.1	10,910	10,644
Computers and electronic products.....	37,245	37,811	39,049	-1.5	-3.2	-7.8	42,593	34,110	33,758	52,330	-18.6	234,446	256,361
Electronic computers.....	6,238	6,651	7,036	-6.2	-5.5	-2.3	7,431	5,935	6,023	9,562	-22.3	40,882	45,705
Computer storage devices.....	998	1,200	1,272	-16.8	-5.7	+13.1	1,470	978	804	1,901	-22.7	6,728	6,914
Nondefense communications equipment.....	7,021	6,944	7,184	+1.1	-3.3	-10.6	8,222	6,261	5,951	10,765	-23.6	42,308	53,032
Defense communications equipment.....	275	302	278	-8.9	+8.6	+7.8	293	310	267	276	+6.2	1,684	1,523
Audio and video equipment.....	900	883	806	+1.9	+9.6	-15.0	858	746	662	993	-13.6	5,045	5,298
Semiconductors.....	7,298	7,298	7,821	0.0	-6.7	-10.4	7,998	6,431	7,176	10,246	-21.9	47,927	48,761
Electronic components.....	4,335	4,374	4,376	-0.9	0.0	-13.1	4,511	4,124	3,993	5,974	-24.5	28,521	34,765
Nondefense search and navigation equipment.....	759	774	755	-1.9	+2.5	-1.9	810	758	696	978	-17.2	4,472	4,953
Defense search and navigation equipment.....	1,690	1,740	1,747	-2.9	-0.4	+0.3	1,860	1,643	1,623	1,971	-5.6	10,281	10,098
Electromedical, measuring, and control instruments.....	5,367	5,267	5,325	+1.9	-1.1	-3.0	6,191	5,027	4,792	5,837	+6.1	31,774	29,352
Electrical equipment, appliances, and components.....	11,071	11,292	11,199	-2.0	+0.8	-1.5	12,187	11,231	10,641	12,461	-2.2	67,325	65,852
Electric lighting equipment.....	1,186	1,206	1,243	-1.7	-3.0	+6.5	1,278	1,169	1,116	1,380	-7.4	7,125	7,070
Household appliances.....	1,946	2,034	1,964	-4.3	+3.6	-0.2	2,252	2,087	1,939	2,295	-1.9	12,113	12,124
Electrical equipment.....	3,345	3,307	3,158	+1.1	+4.7	-4.5	3,734	3,233	2,925	3,636	+2.7	19,686	19,831
Batteries.....	577	552	532	+4.5	+3.8	-2.2	652	519	452	680	-4.1	3,069	3,548
Transportation equipment.....	53,346	54,315	49,369	-1.8	+10.0	-6.1	59,047	57,556	49,172	64,241	-8.1	318,014	353,011
Automobiles.....	8,193	8,467	7,490	-3.2	+13.0	-5.7	8,768	9,169	7,549	9,988	-12.2	48,786	56,779
Light trucks and utility vehicles.....	10,653	11,652	10,629	-8.6	+9.6	-4.6	12,103	12,870	10,707	13,911	-13.0	67,489	77,208
Heavy duty trucks.....	1,104	1,124	1,011	-1.8	+11.2	-5.6	1,188	1,113	1,019	1,770	-32.9	6,478	10,681
Motor vehicle bodies, parts, and trailers.....	16,558	17,297	16,395	-4.3	+5.5	-3.1	17,842	18,405	16,718	20,350	-12.3	103,564	118,774
Nondefense aircraft and parts.....	8,933	8,511	7,127	+5.0	+19.4	-14.6	10,281	8,757	6,826	9,108	+12.9	49,245	46,016
Defense aircraft and parts.....	2,785	2,371	2,153	+17.5	+10.1	-4.3	3,224	2,271	1,967	2,938	+9.7	13,670	13,238
Ships and boats.....	1,767	1,716	1,614	+3.0	+6.3	-7.2	1,806	1,841	1,670	1,731	+4.3	10,337	10,539
Furniture and related products.....	5,805	6,072	6,158	-4.4	-1.4	+0.9	5,856	5,841	5,970	6,701	-12.6	36,246	38,252
Miscellaneous durable goods.....	9,546	9,691	9,638	-1.5	+0.5	+0.3	10,226	9,620	9,236	10,263	-0.4	57,253	55,062
Nondurable goods industries.....	149,728	154,804	152,512	-3.3	+1.5	-0.6	155,610	157,405	150,030	161,930	-3.9	913,034	915,087
Food products.....	38,071	38,335	37,959	-0.7	+1.0	-0.1	38,567	38,138	36,750	37,173	+3.8	224,262	215,162
Grain and oilseed milling.....	4,116	4,096	4,007	+0.5	+2.2	-1.4	3,944	4,194	3,884	3,794	+4.0	24,337	23,092
Dairy products.....	5,655	5,690	5,563	-0.6	+2.3	+2.3	5,974	5,824	5,371	5,428	+10.1	32,838	30,389
Meat, poultry, and seafood products.....	11,458	11,560	11,535	-0.9	+0.2	+0.8	11,800	11,796	11,337	11,048	+6.8	67,669	63,546
Beverage and tobacco products.....	9,737	10,243	9,439	-4.9	+8.5	-0.7	10,588	10,949	9,179	10,035	+5.5	57,911	55,807
Beverages.....	5,596	5,859	5,450	-4.5	+7.5	-4.0	6,282	6,332	5,494	6,081	+3.3	33,551	32,276
Tobacco.....	4,141	4,384	3,989	-5.5	+9.9	+4.2	4,306	4,617	3,685	3,954	+8.9	24,360	23,531
Textile mills.....	3,900	3,939	3,955	-1.0	-0.4	-1.1	4,276	3,954	3,797	4,938	-13.4	24,064	27,213
Textile products.....	2,767	2,750	2,734	+0.6	+0.6	0.0	3,004	2,793	2,765	2,990	+0.5	16,607	16,759
Apparel.....	5,188	5,293	5,393	-2.0	-1.9	-1.3	5,075	4,762	5,091	5,322	-4.6	31,066	31,332
Leather and allied products.....	763	778	790	-1.9	-1.5	-2.8	738	728	706	815	-9.4	4,536	4,686
Paper products.....	13,073	13,364	13,365	-2.2	0.0	-1.2	13,319	13,391	12,966	14,792	-10.0	80,196	85,789
Pulp, paper, and paperboard mills.....	5,916	6,138	6,237	-3.6	-1.6	-0.2	6,087	6,093	6,063	6,972	-12.7	37,255	40,092
Paperboard containers.....	4,074	4,084	4,037	-0.2	+1.2	-1.8	4,009	4,144	4,005	4,514	-11.2	24,440	27,012
Printing.....	8,236	8,504	8,520	-3.2	-0.2	-1.9	8,113	8,149	8,092	8,928	-9.1	49,421	51,188
Petroleum and coal products.....	18,184	20,206	19,609	-10.0	+3.0	+4.9	19,301	21,096	19,413	20,877	-7.5	113,294	110,701
Petroleum refineries.....	16,255	18,227	17,702	-10.8	+3.0	+5.0	17,058	19,034	17,606	18,602	-8.3	102,512	99,936
Basic chemicals.....	35,300	36,558	36,135	-3.4	+1.2	-2.7	37,276	37,747	36,246	39,547	-5.7	221,411	222,725
Pesticides, fertilizers, and other agricultural chemicals.....	1,641	1,772	1,825	-7.4	-2.9	-2.9	1,965	2,719	2,899	1,985	-1.0	13,685	13,220
Pharmaceuticals and medicines.....	9,492	10,155	10,090	-6.5	+0.6	-2.2	9,476	10,247	9,711	10,422	-9.1	59,861	58,495
Paints, coatings, and adhesives.....	2,489	2,552	2,450	-2.5	+4.2	-1.6	2,771	2,836	2,597	2,793	-0.8	15,528	15,224
Plastics and rubber products.....	14,509	14,834	14,613	-2.2	+1.5	-1.8	15,353	15,698	15,025	16,513	-7.0	90,266	93,725

^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 June 01/00	Year to date	
	June 2001 ^p	May 2001 ^r	Apr. 2001	May - June	Apr. - May	Mar. - Apr.	June 2001 ^p	May 2001 ^r	Apr. 2001	June 2000		2001 ^p	2000
All manufacturing industries.....	334,553	342,893	335,415	-2.4	+2.2	-3.4	353,310	342,365	325,465	414,863	-14.8	2,043,178	2,201,982
Excluding transportation.....	281,994	288,533	282,749	-2.3	+2.0	-2.2	296,702	286,864	275,476	328,253	-9.6	1,720,547	1,824,214
Excluding defense.....	327,631	335,337	328,051	-2.3	+2.2	-2.9	346,848	336,219	319,186	386,012	-10.1	1,999,281	2,137,303
Durable goods industries.....	184,825	188,089	182,903	-1.7	+2.8	-5.7	197,700	184,960	175,435	252,933	-21.8	1,130,144	1,286,895
Primary metals.....	12,170	12,455	11,635	-2.3	+7.0	-2.0	12,411	12,527	11,697	13,686	-9.3	74,766	85,877
Iron and steel mills.....	5,376	5,432	4,921	-1.0	+10.4	-2.6	5,507	5,448	4,952	6,009	-8.4	32,231	38,415
Aluminum and nonferrous metals.....	5,482	5,664	5,410	-3.2	+4.7	-3.0	5,537	5,649	5,442	6,181	-10.4	34,606	38,490
Ferrous metal foundries.....	1,312	1,359	1,304	-3.5	+4.2	+5.3	1,367	1,430	1,303	1,496	-8.6	7,929	8,972
Fabricated metal products.....	20,255	20,500	19,802	-1.2	+3.5	-1.7	21,470	20,956	19,915	23,052	-6.9	123,294	133,648
Machinery.....	24,349	24,645	24,087	-1.2	+2.3	+0.8	25,472	24,447	23,944	27,659	-7.9	149,253	156,611
Construction machinery.....	1,643	1,586	1,553	+3.6	+2.1	-3.8	1,793	1,652	1,669	1,717	+4.4	10,429	11,539
Mining, oil field, and gas field machinery.....	1,143	1,144	1,064	-0.1	+7.5	-0.9	1,221	1,074	1,007	830	+47.1	6,524	4,686
Industrial machinery.....	3,500	3,867	3,347	-9.5	+15.5	-2.0	3,499	3,265	3,545	4,241	-17.5	21,926	26,196
Photographic equipment.....	1,387	1,339	1,293	+3.6	+3.6	-9.8	1,515	1,328	1,198	1,268	+19.5	7,650	7,085
Ventilation, heating, air-conditioning, and refrigeration equipment.....	2,832	2,598	2,602	+9.0	-0.2	-6.7	3,242	2,837	2,657	3,352	-3.3	16,870	17,750
Metalworking machinery.....	2,274	2,402	2,266	-5.3	+6.0	-4.7	2,399	2,461	2,023	2,540	-5.6	13,637	14,645
Turbines, generators, and other power transmission equipment.....	3,044	3,191	3,613	-4.6	-11.7	+16.4	2,915	3,006	2,829	4,522	-35.5	18,537	19,987
Material handling equipment.....	1,720	1,759	1,608	-2.2	+9.4	-7.2	1,874	1,617	1,559	2,316	-19.1	10,962	11,560
Computers and electronic products.....	34,720	35,168	34,796	-1.3	+1.1	-13.7	38,580	30,152	30,708	56,730	-32.0	218,807	275,783
Electronic computers.....	6,400	6,499	6,948	-1.5	-6.5	-5.3	7,442	6,217	5,904	9,303	-20.0	41,098	45,645
Nondefense communications equipment.....	5,126	5,887	6,986	-12.9	-15.7	-6.8	6,281	5,138	5,549	14,877	-57.8	39,111	59,963
Defense communications equipment.....	257	222	324	+15.8	-31.5	+8.4	259	228	291	295	-12.2	1,706	1,601
Semiconductors.....	6,791	6,532	4,854	+4.0	+34.6	-40.3	6,603	4,527	5,731	8,630	-23.5	38,889	54,353
Electronic components.....	4,251	4,079	3,782	+4.2	+7.9	-1.9	4,378	3,595	3,242	6,416	-31.8	25,163	39,012
Nondefense search and navigation equipment.....	655	651	604	+0.6	+7.8	-12.6	716	643	551	1,002	-28.5	4,040	4,866
Defense search and navigation equipment.....	1,578	1,475	1,437	+7.0	+2.6	-21.6	1,629	1,037	1,289	3,727	-56.3	10,262	12,314
Electromedical, measuring, and control instruments.....	5,400	5,362	5,334	+0.7	+0.5	-4.1	5,995	5,146	4,914	5,759	+4.1	31,941	29,857
Electrical equipment, appliances, and components.....	10,817	10,757	10,798	+0.6	-0.4	0.0	11,640	10,537	10,146	12,793	-9.0	65,246	67,472
Electric lighting equipment.....	1,218	1,244	1,217	-2.1	+2.2	+3.1	1,312	1,252	1,094	1,331	-1.4	7,243	7,129
Household appliances.....	1,878	2,039	2,008	-7.9	+1.5	+3.9	2,088	2,069	1,800	2,177	-4.1	11,755	11,984
Electrical equipment.....	3,350	3,377	2,980	-0.8	+13.3	-6.6	3,592	3,267	2,766	4,113	-12.7	19,351	20,785
Transportation equipment.....	52,559	54,360	52,666	-3.3	+3.2	-9.4	56,608	55,501	49,989	86,610	-34.6	322,631	377,768
Motor vehicle bodies, parts, and trailers.....	16,439	17,095	16,764	-3.8	+2.0	-0.8	17,422	17,831	16,809	19,532	-10.8	102,740	116,375
Nondefense aircraft and parts.....	8,679	7,781	8,833	+11.5	-11.9	-18.3	10,254	7,442	6,938	13,886	-26.2	50,082	50,032
Defense aircraft and parts.....	2,667	3,770	2,284	-29.3	+65.1	+10.2	2,945	3,118	2,313	9,961	-70.4	16,142	22,218
Ships and boats.....	1,782	1,432	2,499	+24.4	-42.7	-47.3	1,339	1,453	2,121	1,220	+9.8	13,582	11,751
Furniture and related products.....	5,922	5,965	5,950	-0.7	+0.3	+1.5	5,923	5,842	5,920	6,438	-8.0	35,931	38,909

^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' UNFULFILLED ORDERS FOR INDUSTRY GROUPS
(Millions of Dollars)

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change June 01/00
	June 2001 ^P	May 2001 ^r	Apr. 2001	May - June	Apr. - May	Mar. - Apr.	June 2001 ^P	May 2001 ^r	Apr. 2001	June 2000	
All manufacturing industries.....	575,395	578,495	582,869	-0.5	-0.8	-0.6	573,040	581,752	590,446	577,371	-0.8
Excluding transportation.....	287,142	289,455	293,874	-0.8	-1.5	-2.3	284,891	291,164	297,803	313,046	-9.0
Excluding defense.....	432,867	435,323	440,272	-0.6	-1.1	-1.0	429,186	435,947	443,920	437,115	-1.8
Durable goods industries.....	575,395	578,495	582,869	-0.5	-0.8	-0.6	573,040	581,752	590,446	577,371	-0.8
Primary metals.....	19,081	18,770	18,655	+1.7	+0.6	-0.8	19,193	19,208	19,426	21,214	-9.5
Iron and steel mills.....	9,154	8,881	8,800	+3.1	+0.9	-1.1	9,297	9,167	9,262	10,850	-14.3
Aluminum and nonferrous metals.....	7,661	7,633	7,637	+0.4	-0.1	-1.4	7,619	7,748	7,888	8,205	-7.1
Ferrous metal foundries.....	2,266	2,256	2,218	+0.4	+1.7	+2.7	2,277	2,293	2,276	2,159	+5.5
Fabricated metal products.....	42,011	41,937	42,166	+0.2	-0.5	-1.0	42,265	42,283	42,687	43,846	-3.6
Machinery.....	61,263	61,188	61,809	+0.1	-1.0	-1.2	60,362	61,703	62,669	62,433	-3.3
Construction machinery.....	2,237	2,198	2,257	+1.8	-2.6	-2.9	2,271	2,319	2,477	3,222	-29.5
Mining, oil field, and gas field machinery.....	1,621	1,539	1,472	+5.3	+4.6	+1.0	1,629	1,548	1,489	1,365	+19.3
Industrial machinery.....	10,625	10,801	10,937	-1.6	-1.2	-6.5	10,431	10,920	11,180	13,198	-21.0
Photographic equipment.....	815	790	797	+3.2	-0.9	-1.2	779	791	799	728	+7.0
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,610	4,584	4,805	+0.6	-4.6	-0.6	4,727	4,765	4,955	5,077	-6.9
Metalworking machinery.....	4,957	5,117	5,107	-3.1	+0.2	-2.1	4,978	5,284	5,133	6,234	-20.1
Turbines, generators, and other power transmission equipment.....	20,988	20,784	20,928	+1.0	-0.7	+1.6	20,084	20,531	20,772	15,999	+25.5
Material handling equipment.....	6,064	5,977	5,977	+1.5	0.0	-1.7	6,185	6,081	6,224	6,340	-2.4
Computers and electronic products.....	136,817	139,342	141,985	-1.8	-1.9	-2.9	135,413	139,426	143,384	153,486	-11.8
Electronic computers.....	10,435	10,273	10,425	+1.6	-1.5	-0.8	10,424	10,413	10,131	9,801	+6.4
Nondefense communications equipment.....	42,862	44,757	45,814	-4.2	-2.3	-0.4	43,066	45,007	46,130	46,281	-6.9
Defense communications equipment.....	2,600	2,618	2,698	-0.7	-3.0	+1.7	2,577	2,611	2,693	2,351	+9.6
Semiconductors.....	17,873	18,380	19,146	-2.8	-4.0	-13.4	16,292	17,687	19,591	29,265	-44.3
Electronic components.....	16,971	17,055	17,350	-0.5	-1.7	-3.3	16,686	16,819	17,348	19,217	-13.2
Nondefense search and navigation equipment.....	4,568	4,672	4,795	-2.2	-2.6	-3.1	4,662	4,756	4,871	5,803	-19.7
Defense search and navigation equipment.....	29,641	29,753	30,018	-0.4	-0.9	-1.0	29,985	30,216	30,822	30,411	-1.4
Electromedical, measuring, and control instruments.....	11,867	11,834	11,739	+0.3	+0.8	+0.1	11,721	11,917	11,798	10,357	+13.2
Electrical equipment, appliances, and components.....	17,537	17,791	18,326	-1.4	-2.9	-2.1	17,300	17,847	18,541	19,003	-9.0
Electric lighting equipment.....	1,636	1,604	1,566	+2.0	+2.4	-1.6	1,675	1,641	1,558	1,552	+7.9
Household appliances.....	1,041	1,109	1,104	-6.1	+0.5	+4.2	901	1,065	1,083	843	+6.9
Electrical equipment.....	9,786	9,781	9,711	+0.1	+0.7	-1.8	9,718	9,860	9,826	9,729	-0.1
Transportation equipment.....	288,253	289,040	288,995	-0.3	0.0	+1.2	288,149	290,588	292,643	264,325	+9.0
Motor vehicle bodies, parts, and trailers.....	12,973	13,092	13,294	-0.9	-1.5	+2.9	12,570	12,990	13,564	13,970	-10.0
Nondefense aircraft and parts.....	151,085	151,339	152,069	-0.2	-0.5	+1.1	150,568	150,595	151,910	131,504	+14.5
Defense aircraft and parts.....	46,618	46,736	45,337	-0.3	+3.1	+0.3	47,367	47,646	46,799	43,983	+7.7
Ships and boats.....	22,359	22,344	22,628	+0.1	-1.3	+4.1	22,801	23,268	23,656	19,414	+17.4
Furniture and related products.....	6,784	6,667	6,774	+1.8	-1.6	-3.0	6,740	6,673	6,672	8,062	-16.4

^P Preliminary ^r 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 June 01/00
	June 2001 ^P	May 2001 ^r	Apr. 2001	May - June	Apr. - May	Mar. - Apr.	June 2001 ^P	May 2001 ^r	Apr. 2001	June 2000	
All manufacturing industries.....	473,304	476,712	479,659	-0.7	-0.6	-0.2	468,324	479,047	480,751	471,545	-0.7
Excluding transportation.....	398,663	400,967	403,581	-0.6	-0.6	-0.5	394,826	403,322	404,965	394,360	+0.1
Excluding defense.....	451,850	454,448	457,288	-0.6	-0.6	-0.3	446,805	456,756	458,585	447,251	0.1
Durable goods industries.....	301,725	304,174	306,488	-0.8	-0.8	-0.2	298,362	306,265	307,297	300,174	-0.6
Wood products.....	10,017	9,918	9,849	+1.0	+0.7	-0.4	9,648	9,568	9,629	9,847	-2.0
Nonmetallic mineral products.....	10,048	10,013	10,080	+0.3	-0.7	-0.6	10,003	10,145	10,307	9,712	+3.0
Primary metals.....	21,132	21,456	21,858	-1.5	-1.8	-1.0	20,881	21,355	21,792	22,627	-7.7
Iron and steel mills.....	11,368	11,558	11,857	-1.6	-2.5	-1.2	11,228	11,451	11,694	12,548	-10.5
Aluminum and nonferrous metals.....	7,935	8,081	8,179	-1.8	-1.2	-1.0	7,798	8,036	8,213	8,277	-5.8
Ferrous metal foundries.....	1,829	1,817	1,822	+0.7	-0.3	+0.5	1,855	1,868	1,885	1,802	+2.9
Fabricated metal products.....	34,580	34,912	35,178	-1.0	-0.8	-0.5	34,671	35,165	35,425	34,937	-0.8
Machinery.....	51,081	51,023	51,510	+0.1	-0.9	-0.5	50,361	51,491	51,868	48,343	+4.2
Farm machinery.....	2,233	2,218	2,193	+0.7	+1.1	+1.5	2,173	2,204	2,226	2,028	+7.1
Construction machinery.....	3,832	3,869	3,896	-1.0	-0.7	-1.2	3,804	3,890	3,938	3,621	+5.1
Mining, oil field, and gas field machinery.....	2,812	2,681	2,750	+4.9	-2.5	+1.9	2,853	2,695	2,741	2,471	+15.5
Industrial machinery.....	9,054	9,081	9,250	-0.3	-1.8	-1.7	8,941	9,264	9,266	8,624	+3.7
Photographic equipment.....	2,338	2,391	2,427	-2.2	-1.5	+0.7	2,296	2,435	2,453	2,136	+7.5
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,710	4,796	4,862	-1.8	-1.4	+2.0	4,720	4,958	5,021	4,532	+4.1
Metalworking machinery.....	6,144	6,160	6,133	-0.3	+0.4	-1.8	6,159	6,252	6,164	5,839	+5.5
Turbines, generators, and other power transmission equipment.....	5,665	5,470	5,523	+3.6	-1.0	-1.8	5,506	5,547	5,581	5,199	+5.9
Material handling equipment.....	2,596	2,607	2,642	-0.4	-1.3	-0.5	2,536	2,664	2,722	2,371	+7.0
Computers and electronic products.....	57,910	58,532	59,051	-1.1	-0.9	-1.1	57,106	59,563	59,207	56,089	+1.8
Electronic computers.....	3,379	3,590	3,758	-5.9	-4.5	+1.0	3,238	3,773	3,676	3,384	-4.3
Computer storage devices.....	1,727	1,843	1,939	-6.3	-5.0	-1.5	1,591	1,993	2,006	1,533	+3.8
Nondefense communications equipment.....	10,952	11,058	11,102	-1.0	-0.4	-4.8	10,503	11,091	10,938	12,012	-12.6
Defense communications equipment.....	581	582	567	-0.2	+2.6	+1.1	599	601	574	619	-3.2
Audio and video equipment.....	1,122	1,116	1,146	+0.5	-2.6	+5.4	1,140	1,055	1,029	1,097	+3.9
Semiconductors.....	8,533	8,458	8,479	+0.9	-0.2	-0.3	8,503	8,654	8,691	7,167	+18.6
Electronic components.....	9,585	9,767	9,842	-1.9	-0.8	-1.8	9,588	9,834	9,759	9,584	0.0
Nondefense search and navigation equipment.....	2,669	2,704	2,695	-1.3	+0.3	+0.6	2,639	2,739	2,754	2,648	-0.3
Defense search and navigation equipment.....	3,190	3,136	3,249	+1.7	-3.5	+1.8	3,210	3,178	3,323	3,169	+1.3
Electromedical, measuring and control instruments.....	11,778	11,912	11,799	-1.1	+1.0	-0.9	11,773	12,071	11,865	10,705	+10.0
Electrical equipment, appliances, and components.....	15,545	15,776	15,964	-1.5	-1.2	-0.7	15,410	16,121	16,295	14,812	+4.0
Electric lighting equipment.....	1,759	1,774	1,776	-0.8	-0.1	-4.4	1,778	1,802	1,795	1,826	-2.6
Household appliances.....	2,418	2,429	2,463	-0.5	-1.4	-3.2	2,447	2,618	2,641	2,607	-6.1
Electrical equipment.....	4,873	4,979	5,038	-2.1	-1.2	+0.5	4,724	5,019	5,080	4,322	+9.3
Batteries.....	811	817	809	-0.7	+1.0	+0.9	822	840	814	810	+1.5
Transportation equipment.....	74,641	75,745	76,078	-1.5	-0.4	+1.4	73,498	75,725	75,786	77,185	-4.8
Automobiles.....	2,023	2,093	2,268	-3.3	-7.7	+7.1	1,951	2,126	2,295	2,176	-10.3
Light trucks and utility vehicles.....	1,875	1,775	1,803	+5.6	-1.6	+12.3	1,780	1,813	1,836	1,737	+2.5
Heavy duty trucks.....	962	995	1,020	-3.3	-2.5	-0.7	948	1,000	1,003	1,065	-11.0
Motor vehicle bodies, parts, and trailers.....	16,967	17,096	17,279	-0.8	-1.1	+1.0	16,619	16,893	16,981	17,410	-4.5
Nondefense aircraft and parts.....	31,138	31,242	31,172	-0.3	+0.2	+0.7	30,647	31,335	31,374	31,111	-1.5
Defense aircraft and parts.....	9,692	9,986	10,043	-2.9	-0.6	-2.9	9,693	9,994	9,847	11,398	-15.0
Ships and boats.....	2,358	2,372	2,331	-0.6	+1.8	+0.8	2,406	2,374	2,348	2,266	+6.2
Furniture and related products.....	8,563	8,638	8,734	-0.9	-1.1	-1.0	8,676	8,742	8,726	8,977	-3.4
Miscellaneous durable goods.....	18,208	18,161	18,186	+0.3	-0.1	-0.4	18,108	18,390	18,262	17,645	+2.6
Nondurable goods industries.....	171,579	172,538	173,171	-0.6	-0.4	-0.2	169,962	172,782	173,454	171,371	-0.8
Food products.....	29,723	29,723	29,518	0.0	+0.7	+0.8	28,516	28,853	28,900	29,141	-2.1
Grain and oilseed milling.....	3,312	3,315	3,339	-0.1	-0.7	-0.5	3,136	3,152	3,373	3,244	-3.3
Dairy products.....	3,058	3,025	2,968	+1.1	+1.9	+0.5	3,143	3,116	3,055	3,196	-1.7
Meat, poultry, and seafood products.....	5,694	5,688	5,628	+0.1	+1.1	+0.9	5,706	5,749	5,712	5,540	+3.0
Beverage and tobacco products.....	13,851	13,801	13,779	+0.4	+0.2	+0.1	13,366	13,565	13,721	13,451	-0.6
Beverages.....	8,205	8,211	8,232	-0.1	0.3	-0.4	8,145	8,242	8,273	7,919	+2.9
Tobacco.....	5,646	5,590	5,547	+1.0	+0.8	+0.9	5,221	5,323	5,448	5,532	-5.6
Textile mills.....	6,657	6,703	6,761	-0.7	-0.9	0.0	6,675	6,882	6,908	6,938	-3.8
Textile products.....	4,658	4,691	4,796	-0.7	-2.2	-0.8	4,725	4,807	4,872	4,895	-3.5
Apparel.....	10,238	10,262	10,328	-0.2	-0.6	-0.3	10,625	10,454	10,281	10,359	+2.6
Leather and allied products.....	1,507	1,539	1,565	-2.1	-1.7	-1.4	1,530	1,556	1,551	1,704	-10.2
Paper products.....	15,716	15,747	15,841	-0.2	-0.6	-0.9	15,649	15,837	15,947	16,195	-3.4
Pulp, paper, and paperboard mills.....	7,019	7,096	7,148	-1.1	-0.7	+0.2	7,018	7,185	7,204	7,028	-0.1
Paperboard containers.....	4,408	4,409	4,457	0.0	-1.1	-0.6	4,345	4,387	4,449	4,799	-9.5
Printing.....	6,416	6,491	6,508	-1.2	-0.3	-1.9	6,430	6,397	6,467	6,959	-7.6
Petroleum and coal products.....	13,154	13,325	13,295	-1.3	+0.2	+0.6	13,317	13,739	13,459	13,644	-2.4
Petroleum refineries.....	11,250	11,404	11,420	-1.4	-0.1	+0.8	11,334	11,731	11,557	11,630	-2.5
Basic chemicals.....	51,601	52,066	52,322	-0.9	-0.5	-0.2	51,191	52,381	52,576	49,858	+2.7
Pesticides, fertilizers, and other agricultural chemicals.....	2,992	2,980	2,977	+0.4	+0.1	+0.5	2,647	2,897	3,205	2,407	+10.0
Pharmaceuticals and medicines.....	17,673	17,749	17,705	-0.4	+0.2	-1.2	17,597	17,797	17,617	16,590	+6.1
Paints, coatings, and adhesives.....	3,329	3,312	3,332	+0.5	-0.6	+0.9	3,411	3,372	3,405	3,239	+5.3
Plastics and rubber products.....	18,058	18,190	18,458	-0.7	-1.5	-0.7	17,938	18,311	18,772	18,227	-1.6

^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	Year to date	
	June 2001 ^p	May 2001 ^r	Apr. 2001	May - June	Apr. - May	Mar. - Apr.	June 2001 ^p	May 2001 ^r	Apr. 2001	June 2000	Change June 01/00	2001 ^p	2000
SHIPMENTS													
All manufacturing industries.....	337,653	347,267	339,031	-2.8	+2.4	-2.4	362,022	351,059	330,087	390,245	-7.2	2,062,152	2,147,825
Construction materials and supplies.....	33,007	33,957	32,739	-2.8	+3.7	0.0	35,820	35,392	32,657	38,456	-6.9	198,571	214,071
Information technology.....	30,991	31,678	32,457	-2.2	-2.4	-5.7	35,882	29,114	28,011	41,930	-14.4	191,134	203,331
Capital goods.....	71,620	72,616	71,265	-1.4	+1.9	-4.8	81,072	70,301	65,845	88,334	-8.2	433,655	448,972
Nondefense capital goods ³	64,977	66,527	65,509	-2.3	+1.6	-5.1	73,742	64,276	60,387	81,615	-9.6	398,126	414,482
Excluding aircraft.....	59,998	61,785	62,061	-2.9	-0.4	-3.4	67,701	59,178	56,944	75,899	-10.8	370,526	386,669
Defense capital goods ⁴	6,643	6,089	5,756	+9.1	+5.8	-1.8	7,330	6,025	5,458	6,719	+9.1	35,529	34,490
Consumer goods.....	126,100	131,565	127,707	-4.2	+3.0	-0.6	131,562	134,207	125,182	138,196	-4.8	767,317	780,212
Consumer durable goods.....	33,912	35,550	33,357	-4.6	+6.6	-3.4	36,792	37,335	33,510	41,561	-11.5	209,480	234,232
Consumer nondurable goods.....	92,188	96,015	94,350	-4.0	+1.8	+0.4	94,770	96,872	91,672	96,635	-1.9	557,837	545,980
NEW ORDERS													
All manufacturing industries.....	334,553	342,893	335,415	-2.4	+2.2	-3.4	353,310	342,365	325,465	414,863	-14.8	2,043,178	2,201,982
Construction materials and supplies.....	33,076	33,788	32,236	-2.1	+4.8	-0.8	35,938	35,030	32,444	38,496	-6.6	197,973	216,230
Information technology.....	28,859	29,441	31,514	-2.0	-6.6	-6.5	33,110	26,788	26,967	47,444	-30.2	186,233	213,529
Capital goods.....	67,421	69,937	70,864	-3.6	-1.3	-7.5	73,401	65,693	62,767	116,474	-37.0	423,465	489,208
Nondefense capital goods ³	62,079	63,765	64,619	-2.6	-1.3	-5.5	68,823	60,725	57,946	89,253	-22.9	388,179	433,430
Excluding aircraft.....	58,168	59,581	60,215	-2.4	-1.1	-2.5	63,623	56,770	55,141	79,629	-20.1	363,216	402,304
Defense capital goods ⁴	5,342	6,172	6,245	-13.4	-1.2	-24.1	4,578	4,968	4,821	27,221	-83.2	35,286	55,778
Consumer goods.....	126,110	131,145	126,881	-3.8	+3.4	-0.6	131,035	133,781	124,453	136,704	-4.1	764,408	780,612
Consumer durable goods.....	33,922	35,130	32,531	-3.4	+8.0	-3.4	36,265	36,909	32,781	40,069	-9.5	206,571	234,632
UNFILLED ORDERS													
All manufacturing industries.....	575,395	578,495	582,869	-0.5	-0.8	-0.6	573,040	581,752	590,446	577,371	-0.8	(X)	(X)
Construction materials and supplies.....	35,171	35,102	35,271	+0.2	-0.5	-1.4	35,470	35,352	35,714	37,017	-4.2	(X)	(X)
Information technology.....	107,862	109,994	112,231	-1.9	-2.0	-0.8	108,220	110,992	113,318	112,611	-3.9	(X)	(X)
Capital goods.....	395,903	400,102	402,781	-1.0	-0.7	-0.1	394,954	402,625	407,233	387,209	+2.0	(X)	(X)
Nondefense capital goods ³	272,079	274,977	277,739	-1.1	-1.0	-0.3	270,697	275,616	279,167	262,214	+3.2	(X)	(X)
Excluding aircraft.....	156,268	158,098	160,302	-1.2	-1.4	-1.1	155,403	159,481	161,889	161,361	-3.7	(X)	(X)
Defense capital goods ⁴	123,824	125,125	125,042	-1.0	+0.1	+0.4	124,257	127,009	128,066	124,995	-0.6	(X)	(X)
Consumer goods.....	8,235	8,225	8,645	+0.1	-4.9	-8.7	7,971	8,498	8,924	10,079	-20.9	(X)	(X)
Consumer durable goods.....	8,235	8,225	8,645	+0.1	-4.9	-8.7	7,971	8,498	8,924	10,079	-20.9	(X)	(X)
TOTAL INVENTORIES													
All manufacturing industries.....	473,304	476,712	479,659	-0.7	-0.6	-0.2	468,324	479,047	480,751	471,545	-0.7	(X)	(X)
Construction materials and supplies.....	48,664	48,688	48,905	0.0	-0.4	-0.6	48,273	48,713	49,127	48,091	+0.4	(X)	(X)
Information technology.....	47,814	48,475	49,035	-1.4	-1.1	-0.9	46,950	49,352	49,175	46,721	+0.5	(X)	(X)
Capital goods.....	147,715	149,203	149,960	-1.0	-0.5	-0.1	145,640	150,743	150,648	145,250	+0.3	(X)	(X)
Nondefense capital goods ³	129,457	130,179	130,913	-0.6	-0.6	-0.6	127,322	131,622	131,636	125,306	+1.6	(X)	(X)
Excluding aircraft.....	105,334	105,949	106,758	-0.6	-0.8	-0.9	103,711	107,520	107,399	101,102	+2.6	(X)	(X)
Defense capital goods ⁴	18,258	19,024	19,047	-4.0	-0.1	+3.5	18,318	19,121	19,012	19,944	-8.2	(X)	(X)
Consumer goods.....	129,799	130,198	130,514	-0.3	-0.2	+0.1	128,329	130,209	129,982	128,746	-0.3	(X)	(X)
Consumer durable goods.....	28,572	28,648	29,047	-0.3	-1.4	+0.7	28,273	28,941	29,044	28,466	-0.7	(X)	(X)
Consumer nondurable goods.....	101,227	101,550	101,467	-0.3	+0.1	-0.1	100,056	101,268	100,938	100,280	-0.2	(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 June 01/00
	June 2001 ^P	May 2001 ^F	Apr. 2001	May - June	Apr. - May	Mar. - Apr.	June 2001 ^P	May 2001 ^F	Apr. 2001	June 2000	
MATERIALS AND SUPPLIES											
All manufacturing industries.....	157,699	159,493	160,248	-1.1	-0.5	-0.9	155,765	158,513	158,797	160,324	-2.8
Durable goods industries.....	97,334	98,676	99,256	-1.4	-0.6	-1.0	95,694	97,739	97,740	98,030	-2.4
Wood products.....	4,011	3,967	3,946	+1.1	+0.5	+1.8	3,575	3,497	3,512	3,569	+0.2
Nonmetallic mineral products.....	3,395	3,396	3,408	0.0	-0.4	+0.1	3,362	3,350	3,360	3,353	+0.3
Primary metals.....	7,212	7,349	7,472	-1.9	-1.6	-0.6	7,067	7,126	7,249	7,661	-7.8
Fabricated metal products.....	10,795	10,982	11,104	-1.7	-1.1	-0.2	10,835	10,913	10,975	11,586	-6.5
Machinery.....	18,223	18,183	18,329	+0.2	-0.8	-0.3	17,925	18,143	18,411	16,456	+8.9
Computers and electronic products.....	20,493	21,191	21,244	-3.3	-0.2	-2.5	20,457	21,338	20,749	22,248	-8.1
Electrical equipment, appliances, and components.....	6,164	6,302	6,328	-2.2	-0.4	+0.6	6,002	6,279	6,326	5,470	+9.7
Transportation equipment.....	17,064	17,329	17,511	-1.5	-1.0	-2.0	16,535	17,043	17,241	17,754	-6.9
Furniture and related products.....	3,438	3,477	3,484	-1.1	-0.2	-2.1	3,458	3,499	3,469	3,738	-7.5
Miscellaneous products.....	6,539	6,500	6,430	+0.6	+1.1	-0.8	6,478	6,551	6,448	6,195	+4.6
Nondurable goods industries.....	60,365	60,817	60,992	-0.7	-0.3	-0.6	60,071	60,774	61,057	62,294	-3.6
Food products.....	10,589	10,666	10,618	-0.7	+0.5	+0.4	10,426	10,555	10,656	10,751	-3.0
Beverage and tobacco products.....	5,913	5,906	5,850	+0.1	+1.0	+0.9	5,763	5,897	5,917	5,849	-1.5
Textiles.....	1,766	1,801	1,857	-1.9	-3.0	-0.5	1,749	1,812	1,865	1,913	-8.6
Textile products.....	1,621	1,638	1,679	-1.0	-2.4	-2.2	1,654	1,672	1,690	1,760	-6.0
Apparel.....	2,295	2,320	2,389	-1.1	-2.9	-0.9	2,310	2,384	2,438	2,568	-10.0
Leather and allied products.....	426	443	440	-3.8	+0.7	+2.3	435	449	432	465	-6.5
Paper products.....	7,531	7,536	7,588	-0.1	-0.7	-0.8	7,451	7,484	7,601	7,715	-3.4
Printing.....	2,837	2,965	3,022	-4.3	-1.9	-1.8	2,818	2,861	2,906	3,159	-10.8
Petroleum and coal products.....	3,958	3,864	3,854	+2.4	+0.3	-1.0	4,088	3,980	3,948	4,498	-9.1
Basic chemicals.....	16,069	16,274	16,255	-1.3	+0.1	-1.3	16,059	16,288	16,155	16,259	-1.2
Plastics and rubber products.....	7,360	7,404	7,440	-0.6	-0.5	-0.5	7,318	7,392	7,449	7,357	-0.5
WORK IN PROCESS											
All manufacturing industries.....	137,474	139,120	140,518	-1.2	-1.0	0.0	136,148	140,126	141,268	142,134	-4.2
Durable goods industries.....	108,761	109,979	111,200	-1.1	-1.1	+0.3	107,834	111,022	111,903	113,030	-4.6
Wood products.....	1,866	1,880	1,935	-0.7	-2.8	-1.2	1,835	1,877	1,966	2,095	-12.4
Nonmetallic mineral products.....	1,501	1,493	1,509	+0.5	-1.1	-0.9	1,482	1,523	1,572	1,359	+9.1
Primary metals.....	7,085	7,210	7,287	-1.7	-1.1	-0.2	7,040	7,213	7,329	7,810	-9.9
Fabricated metal products.....	11,609	11,582	11,664	+0.2	-0.7	-0.4	11,635	11,622	11,646	11,246	+3.5
Machinery.....	14,964	15,083	15,214	-0.8	-0.9	-0.8	14,919	15,518	15,220	15,620	-4.5
Computers and electronic products.....	18,796	18,930	19,593	-0.7	-3.4	-0.2	18,883	19,419	20,201	19,472	-3.0
Electrical equipment, appliances, and components.....	3,785	3,875	3,967	-2.3	-2.3	0.8	3,780	3,945	4,012	3,790	-0.3
Transportation equipment.....	44,358	45,074	45,161	-1.6	-0.2	+1.4	43,450	45,009	45,080	46,716	-7.0
Furniture and related products.....	1,720	1,777	1,792	-3.2	-0.8	-0.2	1,716	1,771	1,781	1,825	-6.0
Miscellaneous products.....	3,077	3,075	3,078	+0.1	-0.1	-0.3	3,094	3,125	3,096	3,097	-0.1
Nondurable goods industries.....	28,713	29,141	29,318	-1.5	-0.6	-0.8	28,314	29,104	29,365	29,104	-2.7
Food products.....	2,535	2,577	2,574	-1.6	+0.1	-0.4	2,366	2,370	2,395	2,477	-4.5
Beverage and tobacco products.....	3,239	3,256	3,236	-0.5	+0.6	-0.9	3,008	3,112	3,176	3,155	-4.7
Textiles.....	1,690	1,715	1,759	-1.5	-2.5	-1.5	1,661	1,721	1,783	1,861	-10.7
Textile products.....	918	909	943	+1.0	-3.6	+1.1	920	927	956	932	-1.3
Apparel.....	1,896	1,987	2,063	-4.6	-3.7	-2.3	1,997	2,087	2,076	2,347	-14.9
Leather and allied products.....	206	219	229	-5.9	-4.4	-4.2	198	217	228	264	-25.0
Paper products.....	1,427	1,446	1,426	-1.3	+1.4	+0.3	1,432	1,441	1,401	1,472	-2.7
Printing.....	1,941	1,888	1,823	+2.8	+3.6	-4.5	1,917	1,821	1,875	2,019	-5.1
Petroleum and coal products.....	2,813	2,866	2,856	-1.8	+0.4	-2.1	2,780	2,924	2,920	3,085	-9.9
Basic chemicals.....	9,619	9,847	9,955	-2.3	-1.1	0.0	9,650	10,065	10,029	9,215	+4.7
Plastics and rubber products.....	2,429	2,431	2,454	-0.1	-0.9	+0.7	2,385	2,419	2,526	2,277	+4.7
FINISHED GOODS											
All manufacturing industries.....	178,131	178,099	178,893	0.0	-0.4	+0.2	176,411	180,408	180,686	169,087	+4.3
Durable goods industries.....	95,630	95,519	96,032	+0.1	-0.5	+0.1	94,834	97,504	97,654	89,114	+6.4
Wood products.....	4,140	4,071	3,968	+1.7	+2.6	-2.2	4,238	4,194	4,151	4,183	+1.3
Nonmetallic mineral products.....	5,152	5,124	5,163	+0.5	-0.8	-1.0	5,159	5,272	5,375	5,000	+3.2
Primary metals.....	6,835	6,897	7,099	-0.9	-2.8	-2.2	6,774	7,016	7,214	7,156	-5.3
Fabricated metal products.....	12,176	12,348	12,410	-1.4	-0.5	-0.7	12,201	12,630	12,804	12,105	+0.8
Machinery.....	17,894	17,757	17,967	+0.8	-1.2	-0.5	17,517	17,830	18,237	16,267	+7.7
Computers and electronic products.....	18,621	18,411	18,214	+1.1	+1.1	-0.5	17,766	18,806	18,257	14,369	+23.6
Electrical equipment, appliances, and components.....	5,596	5,599	5,669	-0.1	-1.2	-2.1	5,628	5,897	5,957	5,552	+1.4
Transportation equipment.....	13,219	13,342	13,406	-0.9	-0.5	+6.5	13,513	13,673	13,465	12,715	+6.3
Furniture and related products.....	3,405	3,384	3,458	+0.6	-2.1	-0.1	3,502	3,472	3,476	3,414	+2.6
Miscellaneous products.....	8,592	8,586	8,678	+0.1	-1.1	-0.2	8,536	8,714	8,718	8,353	+2.2
Nondurable goods industries.....	82,501	82,580	82,861	-0.1	-0.3	+0.4	81,577	82,904	83,032	79,973	+2.0
Food products.....	16,599	16,480	16,326	+0.7	+0.9	+1.3	15,724	15,928	15,849	15,913	-1.2
Beverage and tobacco products.....	4,699	4,639	4,693	+1.3	-1.2	-0.1	4,595	4,556	4,628	4,447	+3.3
Textiles.....	3,201	3,187	3,145	+0.4	+1.3	+1.1	3,265	3,349	3,260	3,164	+3.2
Textile products.....	2,119	2,144	2,174	-1.2	-1.4	-0.5	2,151	2,208	2,226	2,203	-2.4
Apparel.....	6,047	5,955	5,876	+1.5	+1.3	+0.6	6,318	5,983	5,767	5,444	+16.1
Leather and allied products.....	875	877	896	-0.2	-2.1	-2.4	897	890	891	975	-8.0
Paper products.....	6,758	6,765	6,827	-0.1	-0.9	-1.2	6,766	6,912	6,945	7,008	-3.5
Printing.....	1,638	1,638	1,663	0.0	-1.5	+1.0	1,695	1,715	1,686	1,781	-4.8
Petroleum and coal products.....	6,383	6,595	6,585	-3.2	+0.2	+2.7	6,449	6,835	6,591	6,061	+6.4
Basic chemicals.....	25,913	25,945	26,112	-0.1	-0.6	+0.4	25,482	26,028	26,392	24,384	+4.5
Plastics and rubber products.....	8,269	8,355	8,564	-1.0	-2.4	-1.3	8,235	8,500	8,797	8,593	-4.2

^P Preliminary

^F 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			
	Jun 2001 ^p	May 2001 ^r	Apr 2001	Mar 2001	Jun 2001 ^p	May 2001 ^r	Apr 2001	Mar 2001
All manufacturing industries.....	1.40	1.37	1.41	1.38	(X)	(X)	(X)	(X)
Durable goods industries.....	1.61	1.58	1.64	1.58	4.21	4.15	4.28	4.11
Wood products.....	1.42	1.37	1.46	1.51	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.33	1.30	1.34	1.36	(X)	(X)	(X)	(X)
Primary metals.....	1.78	1.74	1.85	1.81	1.61	1.52	1.58	1.54
Fabricated metal products.....	1.71	1.68	1.74	1.72	2.19	2.13	2.19	2.18
Machinery.....	2.10	2.02	2.08	2.05	2.74	2.61	2.68	2.64
Computers and electronic products.....	1.55	1.55	1.51	1.41	4.15	4.18	4.11	3.92
Electrical equipment, appliances, and components.....	1.40	1.40	1.43	1.41	1.67	1.66	1.72	1.73
Transportation equipment.....	1.40	1.39	1.54	1.43	8.63	8.74	9.56	8.81
Furniture and related products.....	1.48	1.42	1.42	1.45	1.32	1.23	1.23	1.29
Miscellaneous products.....	1.91	1.87	1.89	1.90	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.15	1.11	1.14	1.13	(X)	(X)	(X)	(X)
Food products.....	0.78	0.78	0.78	0.77	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.42	1.35	1.46	1.45	(X)	(X)	(X)	(X)
Textiles.....	1.71	1.70	1.71	1.69	(X)	(X)	(X)	(X)
Textile products.....	1.68	1.71	1.75	1.77	(X)	(X)	(X)	(X)
Apparel.....	1.97	1.94	1.92	1.90	(X)	(X)	(X)	(X)
Leather and allied products.....	1.98	1.98	1.98	1.95	(X)	(X)	(X)	(X)
Paper products.....	1.20	1.18	1.19	1.18	(X)	(X)	(X)	(X)
Printing.....	0.78	0.76	0.76	0.76	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.72	0.66	0.68	0.71	(X)	(X)	(X)	(X)
Basic chemicals.....	1.46	1.42	1.45	1.41	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.24	1.23	1.26	1.25	(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		
	Jun ¹ 2001	Jun ² 1996- 2000	Jun 2000- May 2001	Jun ¹ 2001	Jun ² 1996- 2000	Jun 2000- May 2001	Jun ¹ 2001	Jun ² 1996- 2000	Jun 2000- May 2001	Jun ¹ 2001	Jun ² 1996- 2000	Jun 2000- May 2001
All manufacturing industries.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Durable goods industries.....	-0.1	(NA)	(NA)	0.3	(NA)	(NA)	0.2	(NA)	(NA)	-0.1	(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.....	-0.4	(NA)	(NA)	-0.5	(NA)	(NA)	0.0	(NA)	(NA)	-0.3	(NA)	(NA)
Fabricated metal products.....	-0.2	(NA)	(NA)	-0.1	(NA)	(NA)	0.1	(NA)	(NA)	-0.3	(NA)	(NA)
Machinery.....	-0.4	(NA)	(NA)	-0.7	(NA)	(NA)	-0.2	(NA)	(NA)	-0.1	(NA)	(NA)
Computers and electronic products.....	0.1	(NA)	(NA)	1.9	(NA)	(NA)	0.6	(NA)	(NA)	-0.1	(NA)	(NA)
Electrical equipment, appliances, and components.....	0.2	(NA)	(NA)	1.2	(NA)	(NA)	0.7	(NA)	(NA)	0.0	(NA)	(NA)
Transportation equipment.....	0.0	(NA)	(NA)	0.0	(NA)	(NA)	0.0	(NA)	(NA)	-0.1	(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

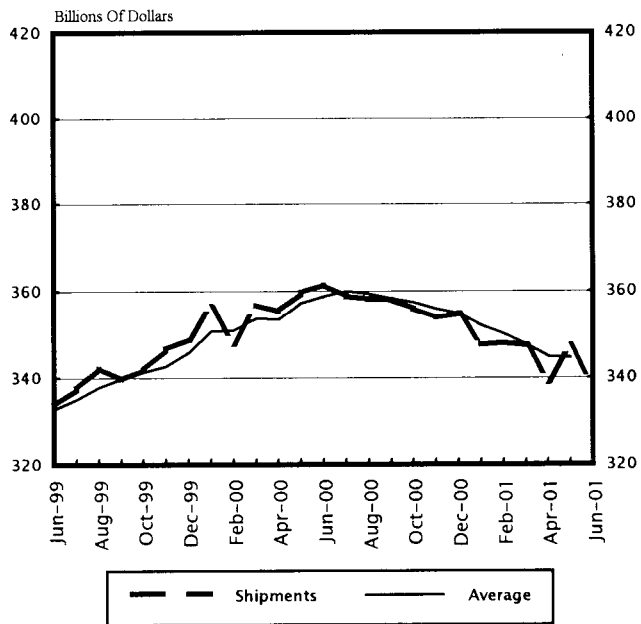
NOTE: The five year and the twelve month revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the absolute values of the differences for the months specified. The advance to final percent change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

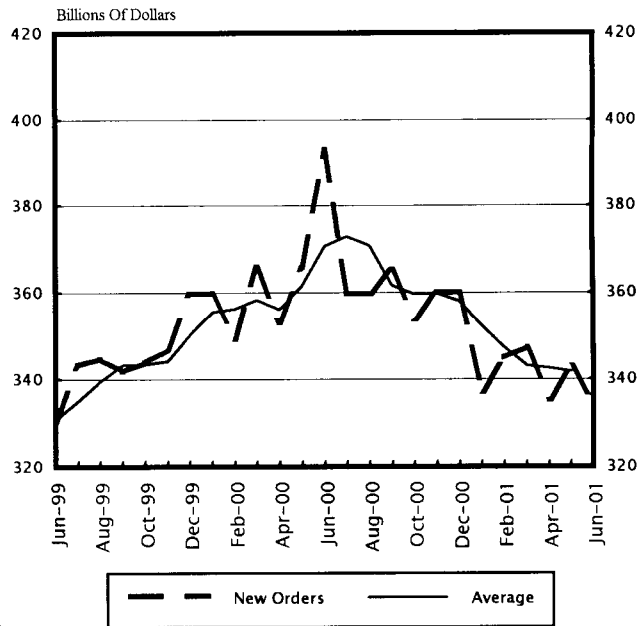
² Average revisions of the current month for the past five years.

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.

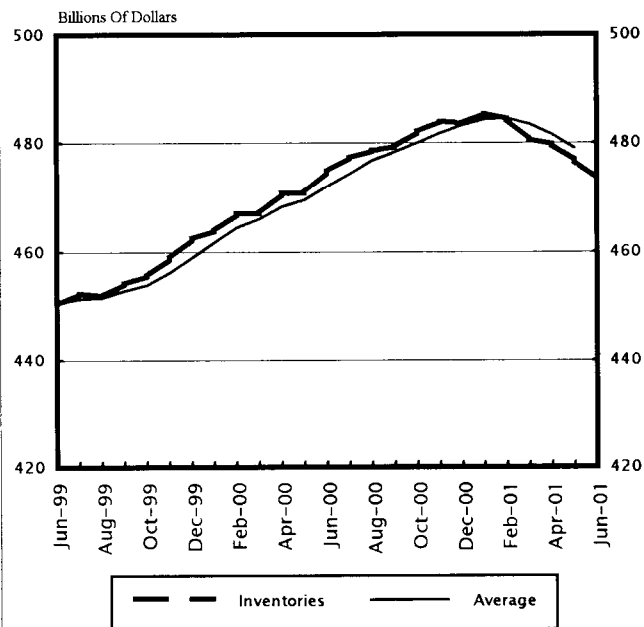
**Total Manufacturing
Shipments and Three Month
Moving Average**



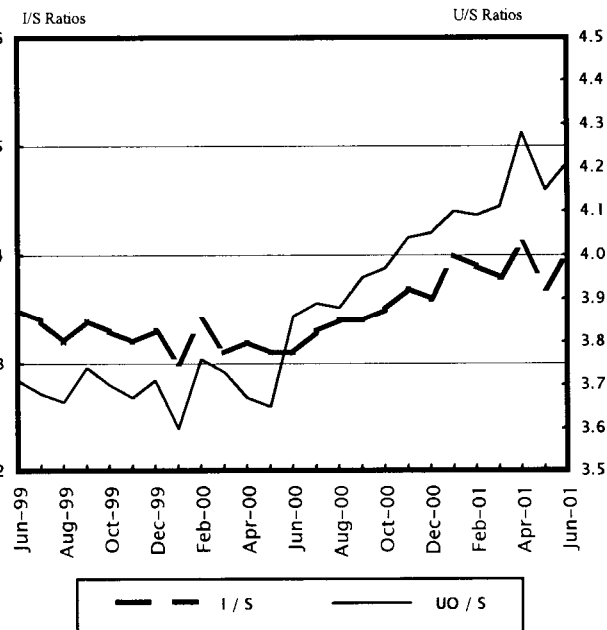
**Total Manufacturing
New Orders and Three Month
Moving Average**



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

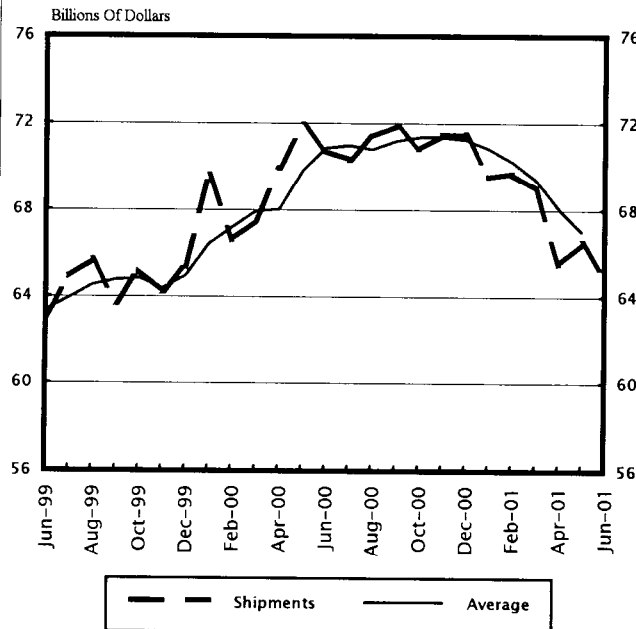


**Total Manufacturing
Ratios of Unfilled Orders and Total
Inventories to Shipments**

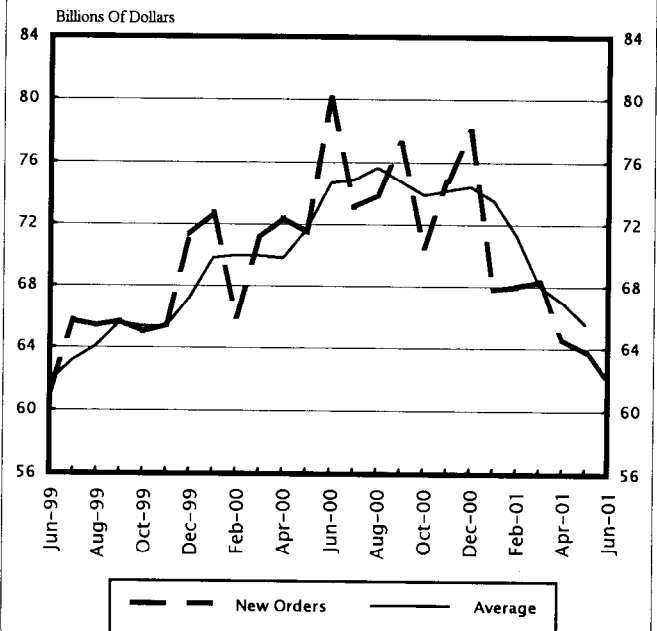


Note: All charts based on seasonally adjusted current dollars.

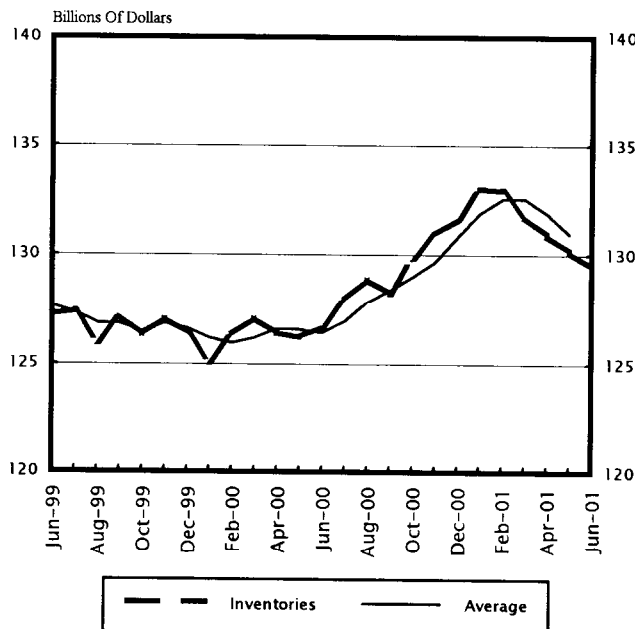
**Nondefense Capital Goods
Shipments and Three Month
Moving Average**



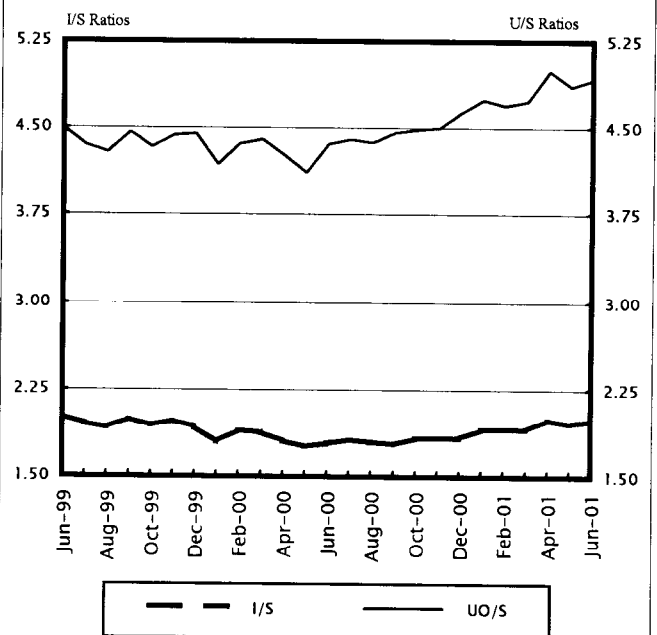
**Nondefense Capital Goods
New Orders and Three Month
Moving Average**



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

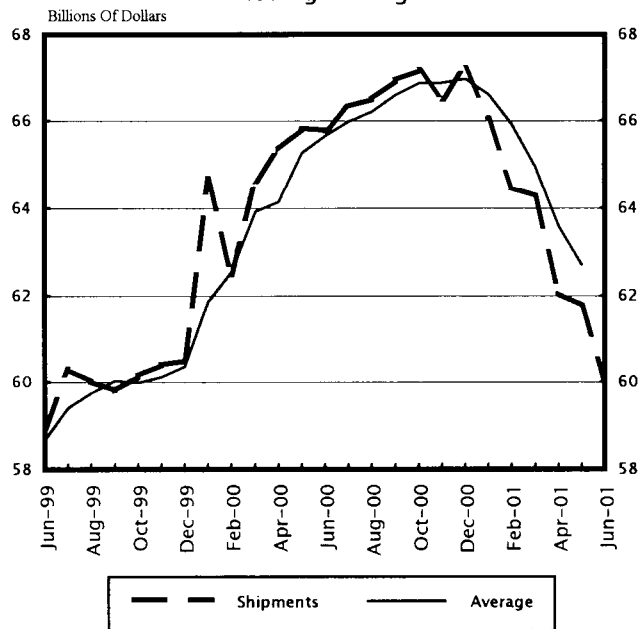


**Nondefense Capital Goods
Ratios of Unfilled Orders and Total
Inventories to Shipments**

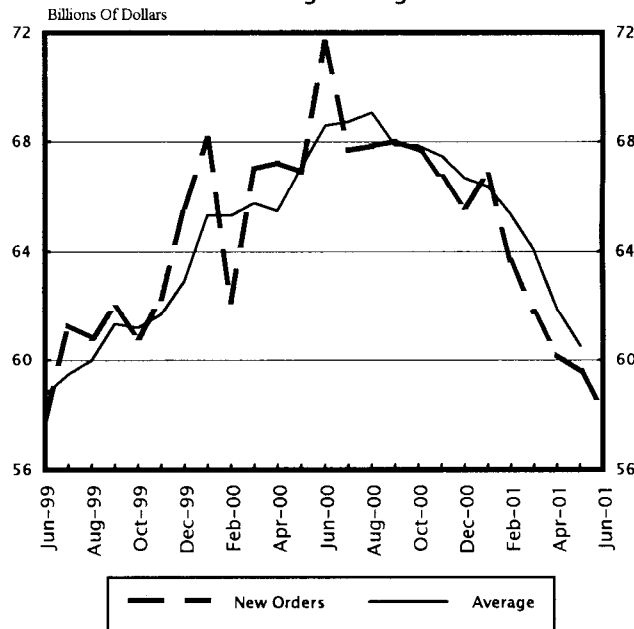


Note: All charts based on seasonally adjusted current dollars.

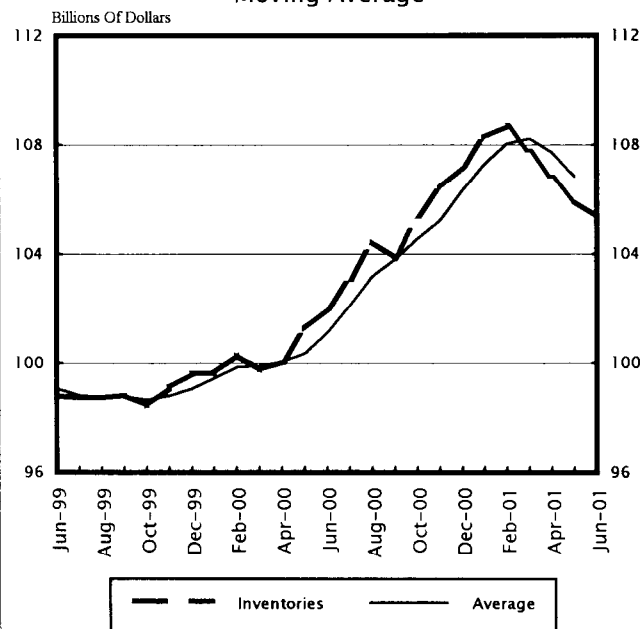
**Nondefense Capital Goods
Excluding Aircraft**
Shipments and Three Month
Moving Average



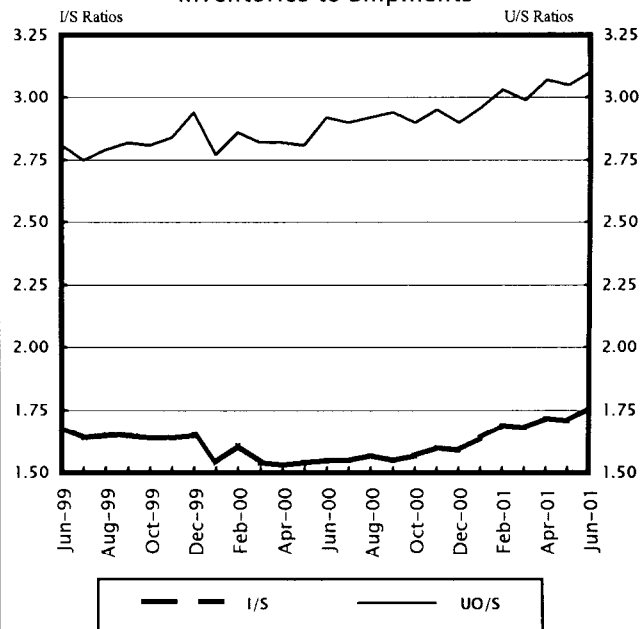
**Nondefense Capital Goods
Excluding Aircraft**
New Orders and Three Month
Moving Average



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

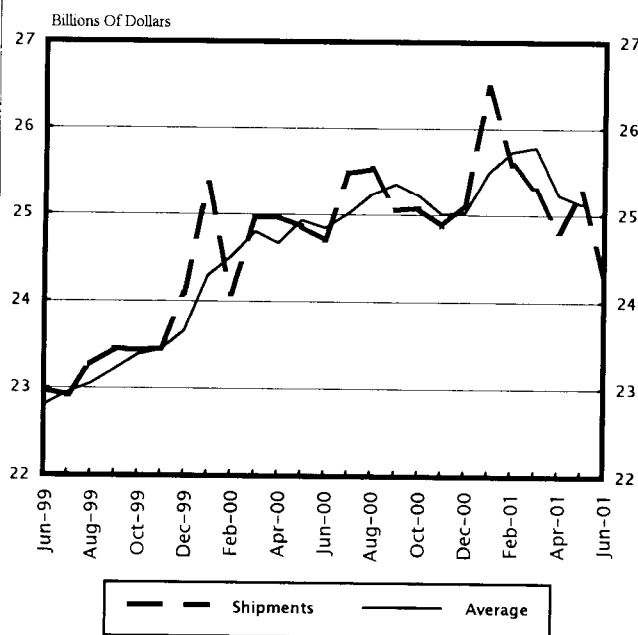


**Nondefense Capital Goods
Excluding Aircraft**
Ratios of Unfilled Orders and Total
Inventories to Shipments

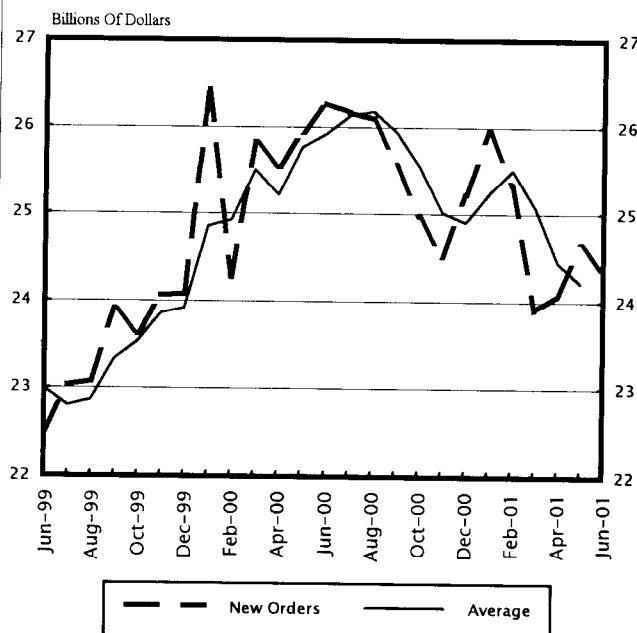


Note: All charts based on seasonally adjusted current dollars.

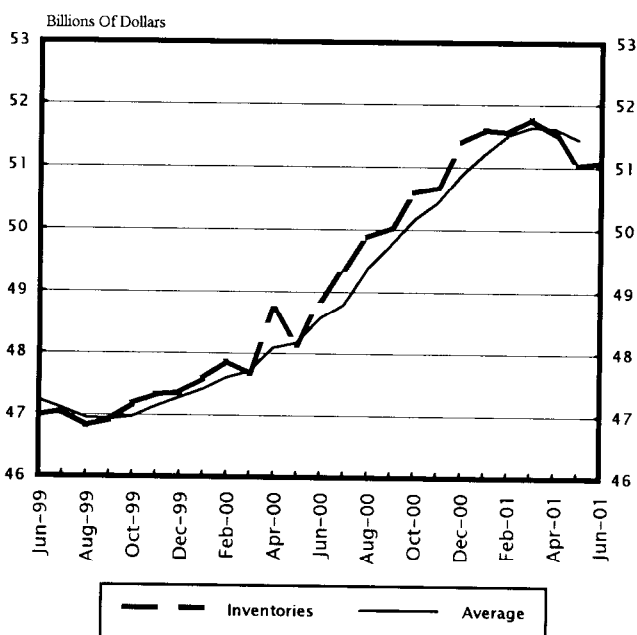
Machinery
Shipments and Three Month
Moving Average



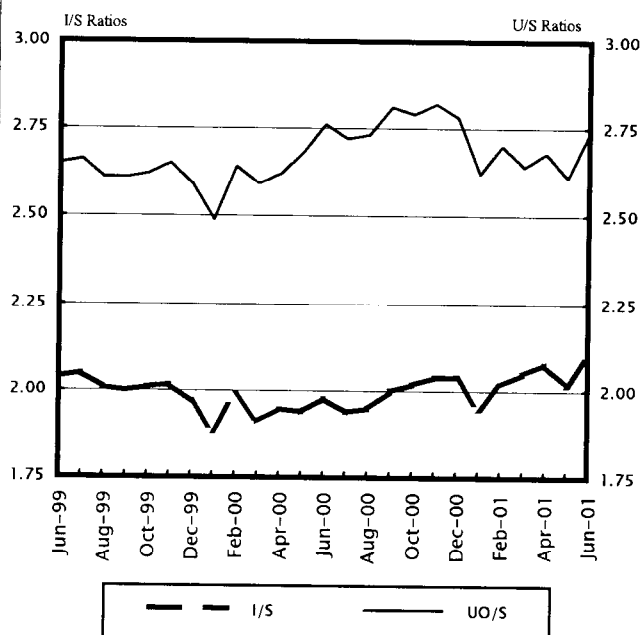
Machinery
New Orders and Three Month
Moving Average



Machinery
Total Inventories and Three Month
Moving Average

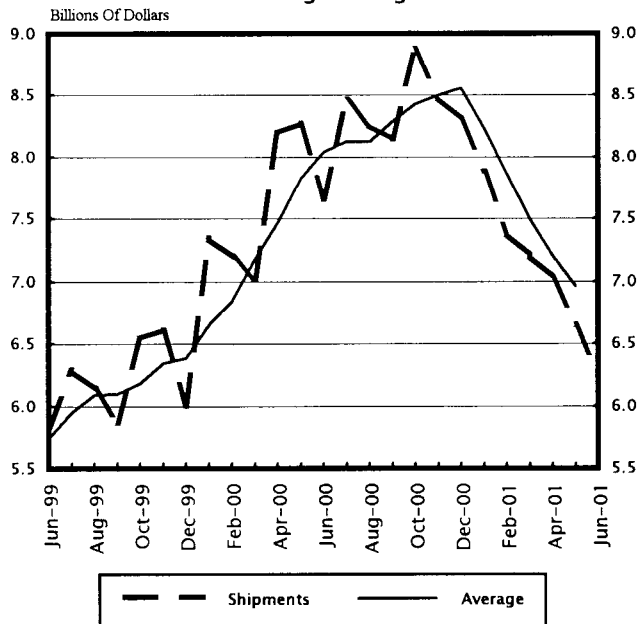


Machinery
Ratios of Unfilled Orders and Total
Inventories to Shipments

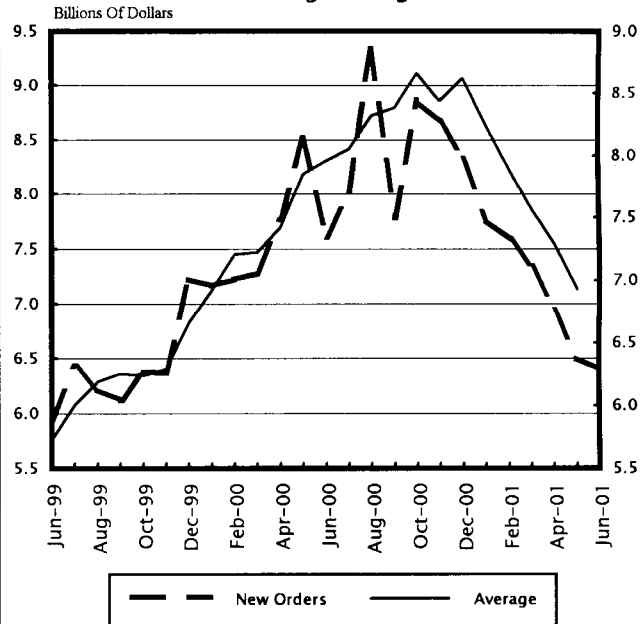


Note: All charts based on seasonally adjusted current dollars.

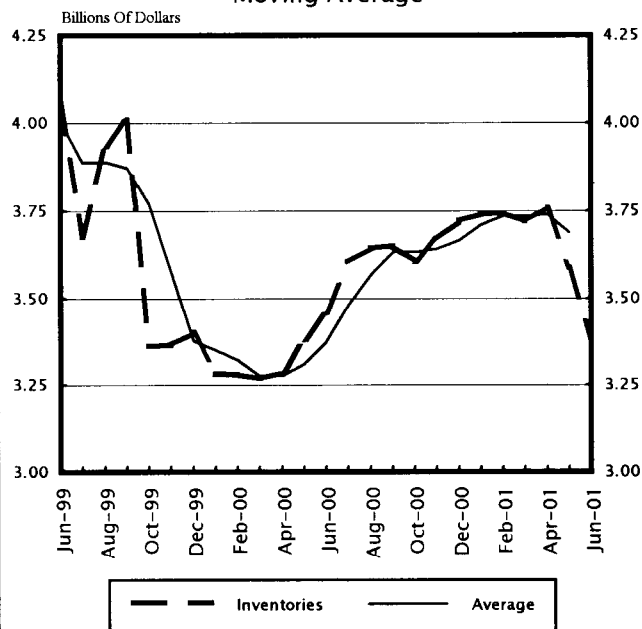
Electronic Computer Manufacturing Shipments and Three Month Moving Average



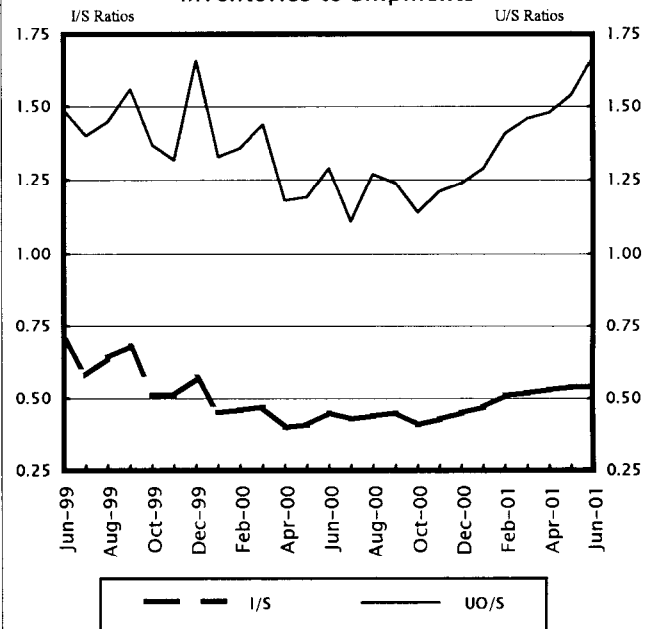
Electronic Computer Manufacturing New Orders and Three Month Moving Average



Electronic Computer Manufacturing Total Inventories and Three Month Moving Average

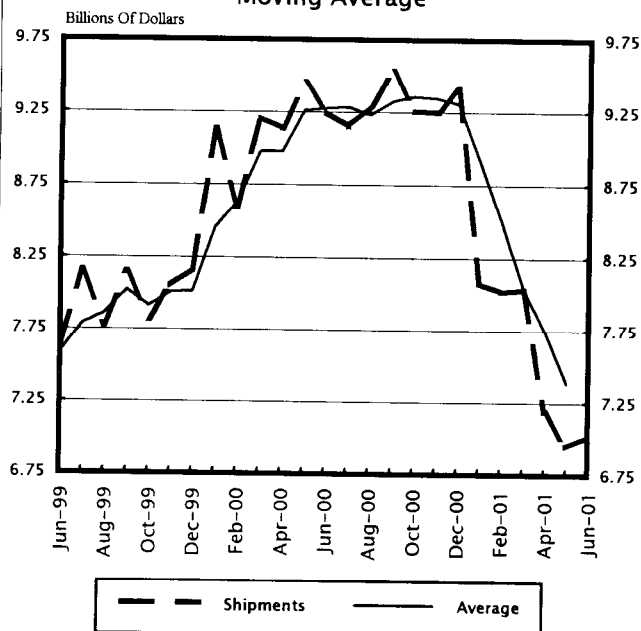


Electronic Computer Manufacturing Ratios of Unfilled Orders and Total Inventories to Shipments

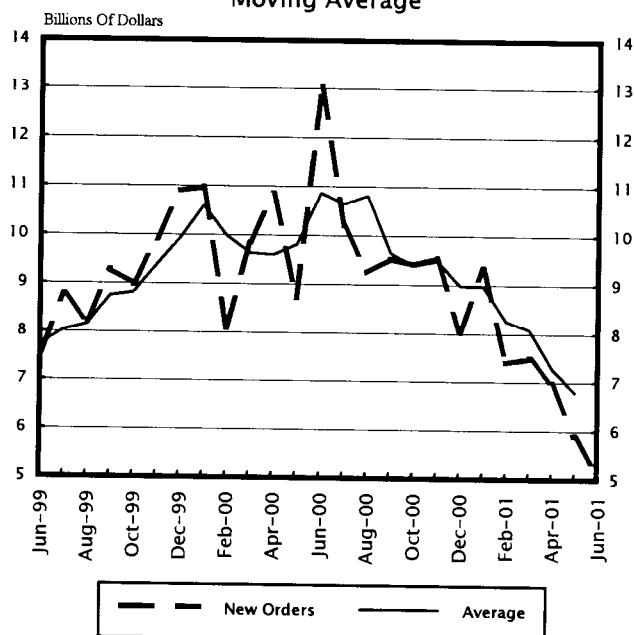


Note: All charts based on seasonally adjusted current dollars.

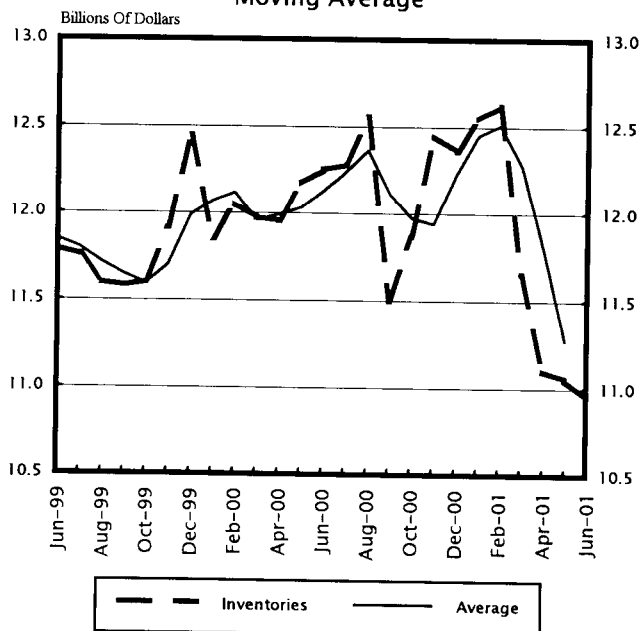
**Communications Equipment
Manufacturing, Nondefense**
Shipments and Three Month
Moving Average



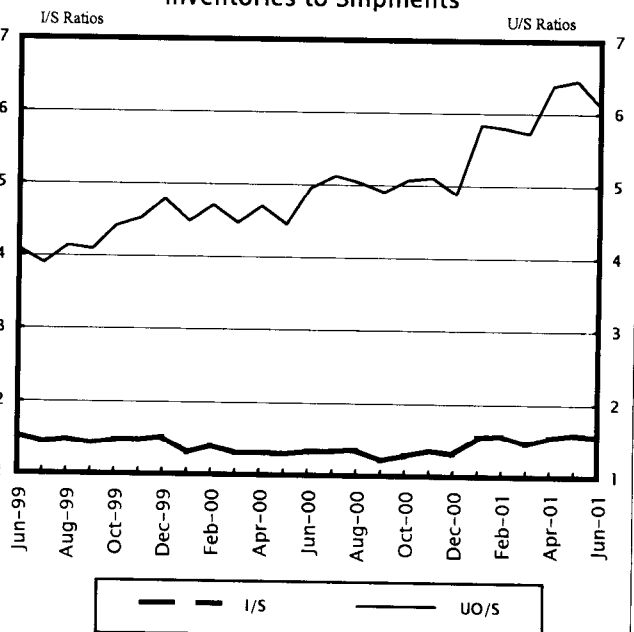
**Communications Equipment
Manufacturing, Nondefense**
New Orders and Three Month
Moving Average



**Communications Equipment
Manufacturing, Nondefense**
Total Inventories and Three Month
Moving Average

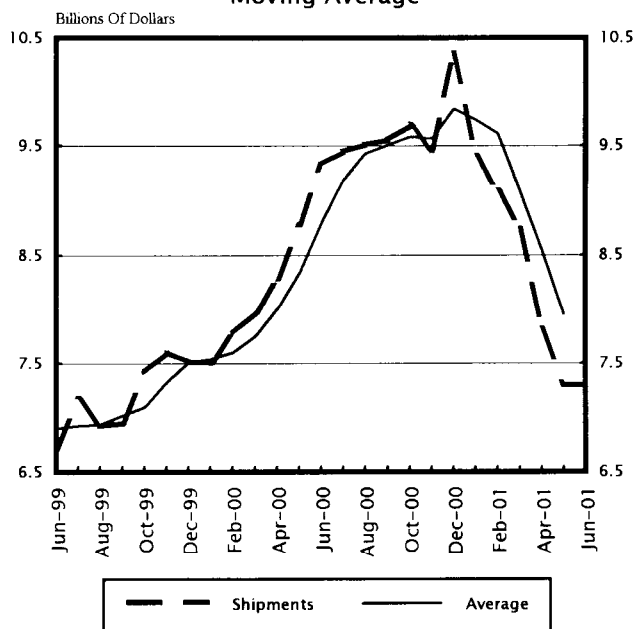


**Communications Equipment
Manufacturing, Nondefense**
Ratios of Unfilled Orders and Total
Inventories to Shipments

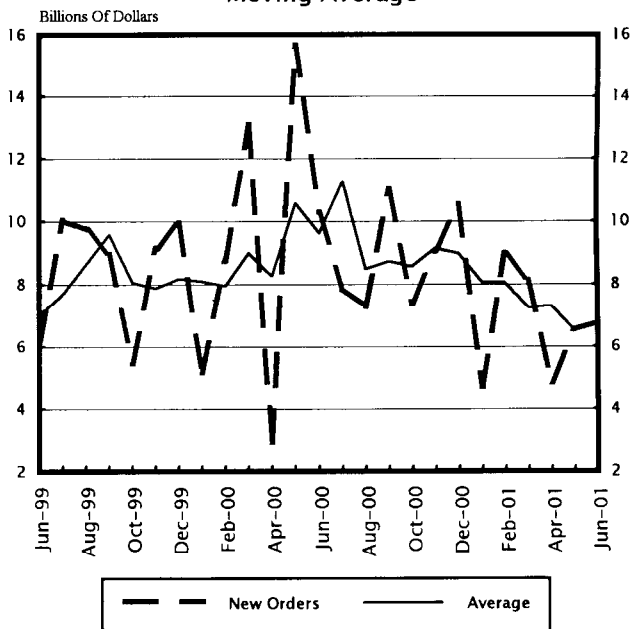


Note: All charts based on seasonally adjusted current dollars.

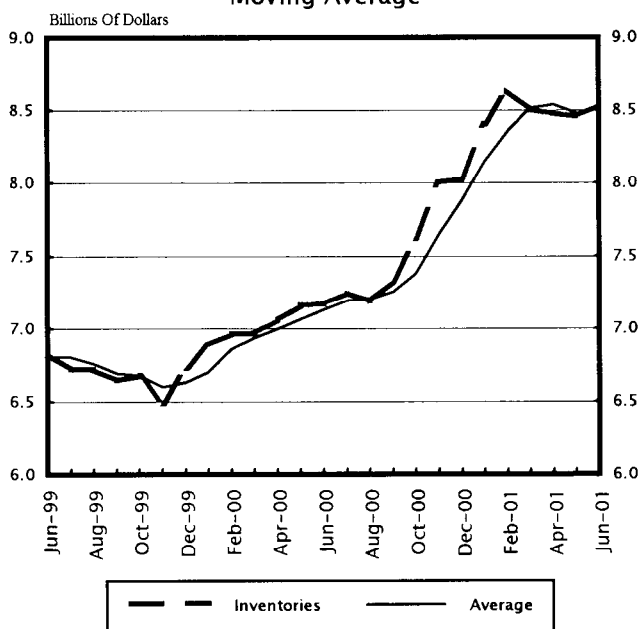
**Semiconductor and Related
Device Manufacturing
Shipments and Three Month
Moving Average**



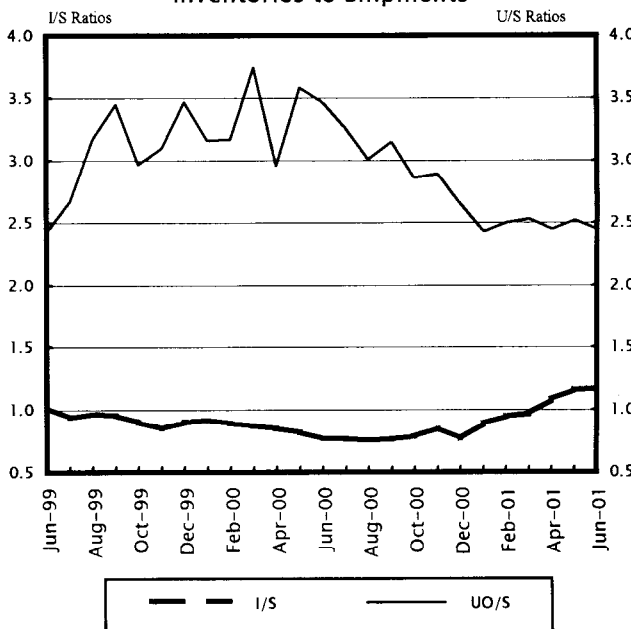
**Semiconductor and Related
Device Manufacturing
New Orders and Three Month
Moving Average**



**Semiconductor and Related
Device Manufacturing
Total Inventories and Three Month
Moving Average**

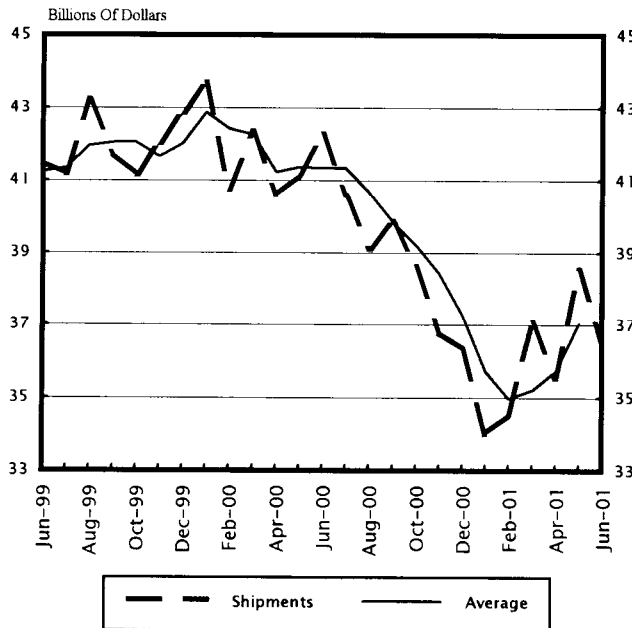


**Semiconductor and Related
Device Manufacturing
Ratios of Unfilled Orders and Total
Inventories to Shipments**

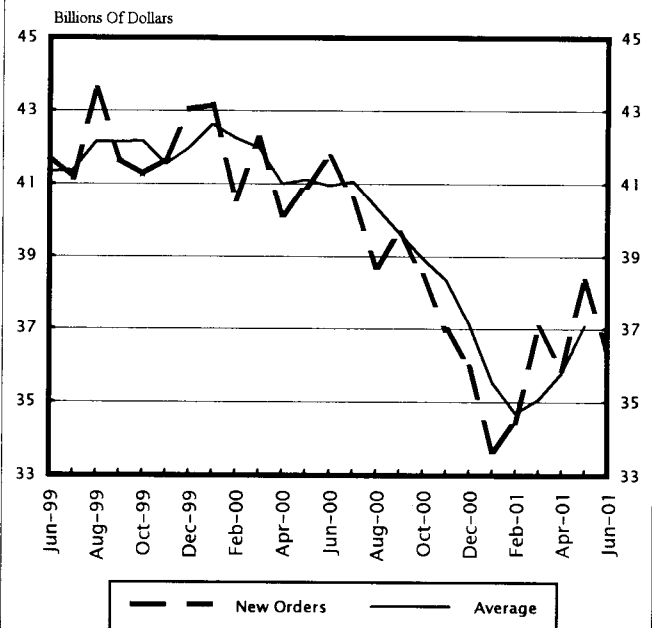


Note: All charts based on seasonally adjusted current dollars.

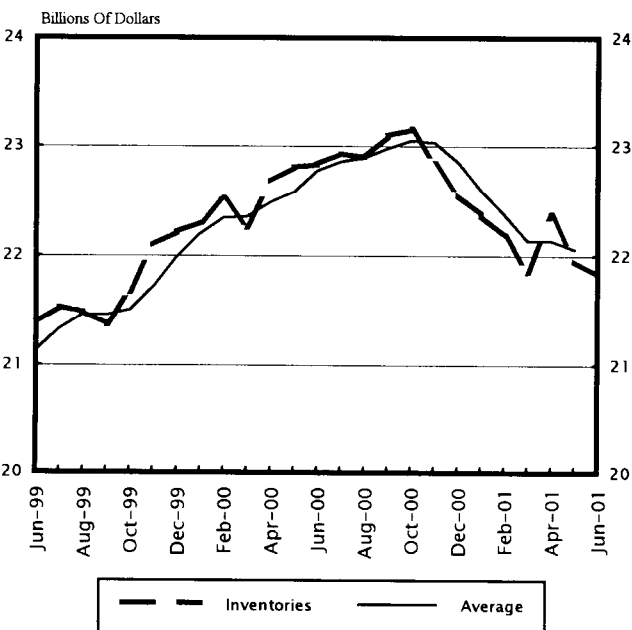
Motor Vehicles and Parts
Shipments and Three Month
Moving Average



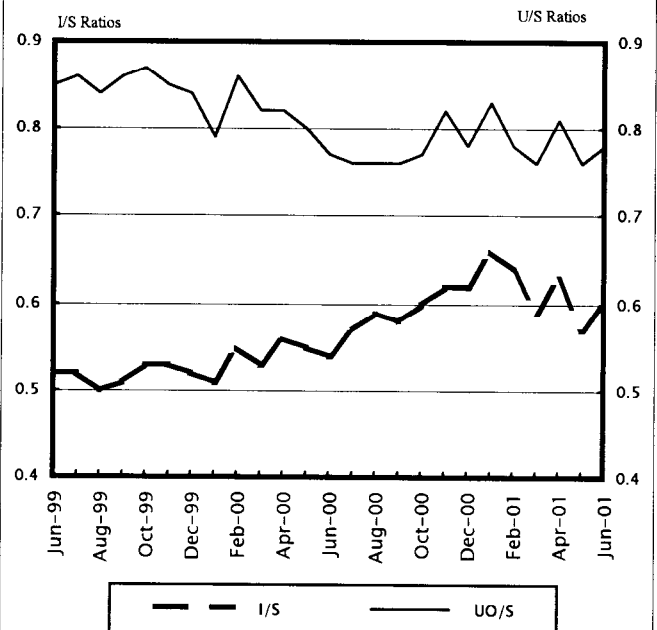
Motor Vehicles and Parts
New Orders and Three Month
Moving Average



Motor Vehicles and Parts
Total Inventories and Three Month
Moving Average

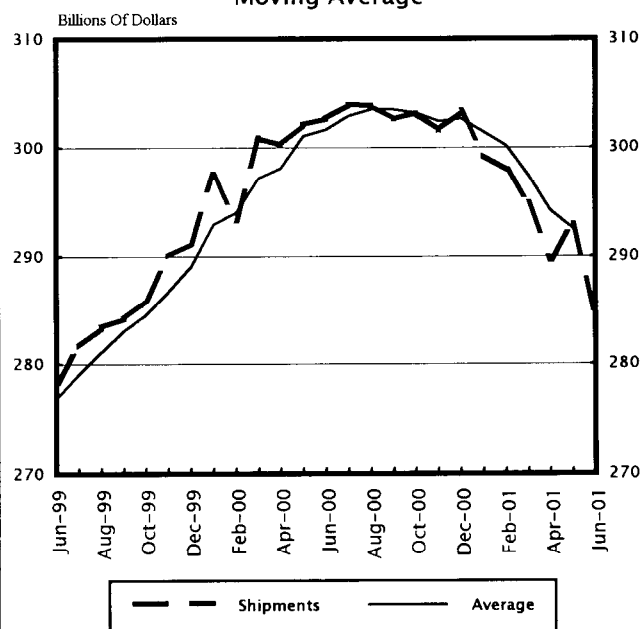


Motor Vehicles and Parts
Ratios of Unfilled Orders and Total
Inventories to Shipments

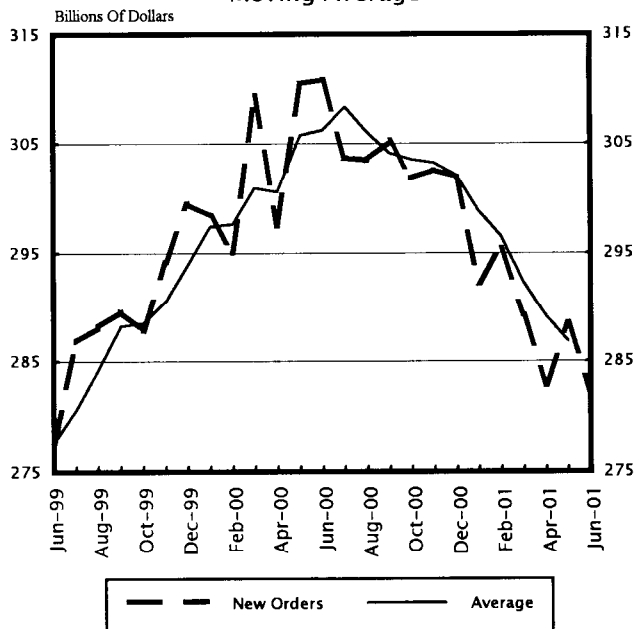


Note: All charts based on seasonally adjusted current dollars.

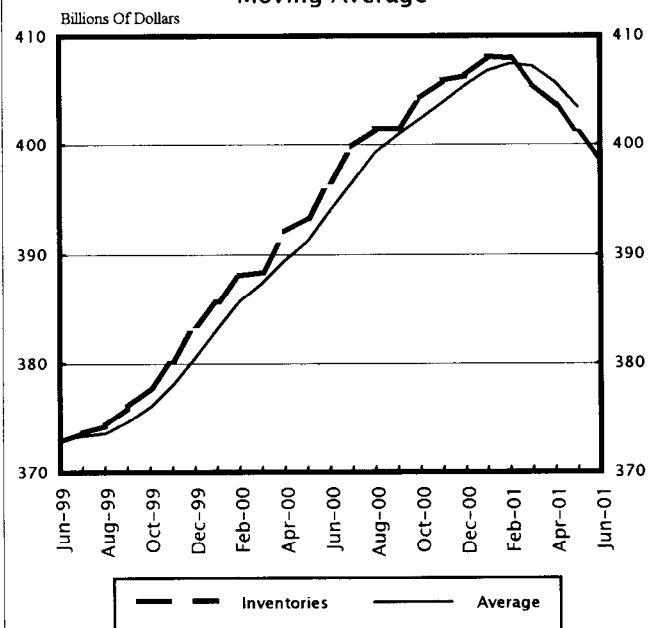
Total Manufacturing Excluding Transportation
Shipments and Three Month Moving Average



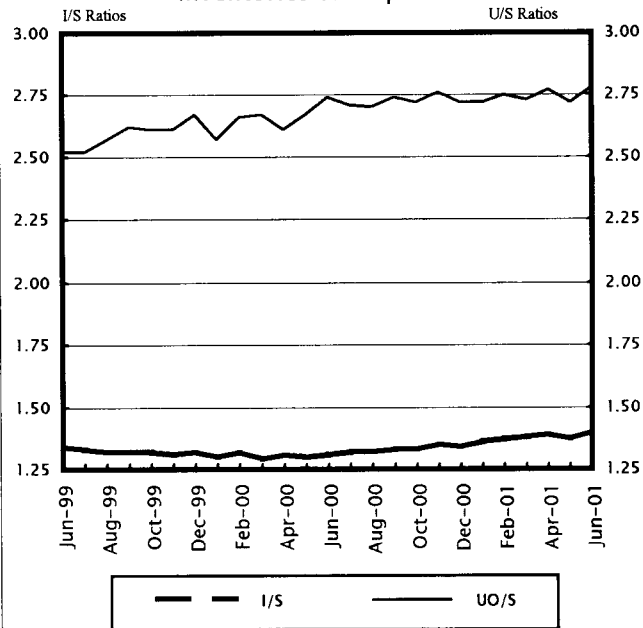
Total Manufacturing Excluding Transportation
New Orders and Three Month Moving Average



Total Manufacturing Excluding Transportation
Total Inventories and Three Month Moving Average



Total Manufacturing Excluding Transportation
Ratios of Unfilled Orders and Total Inventories to Shipments



Note: All charts based on seasonally adjusted current dollars.