

Manufacturers' Shipments, Inventories, and Orders

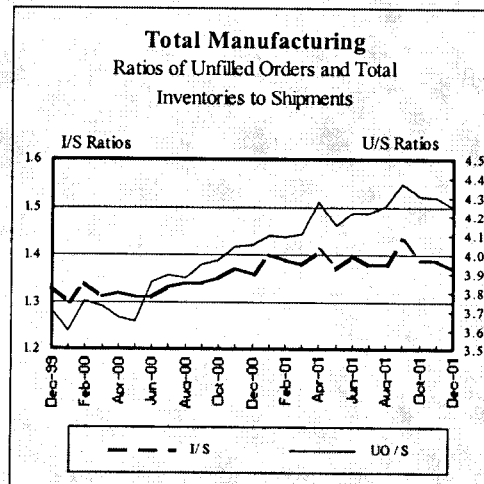
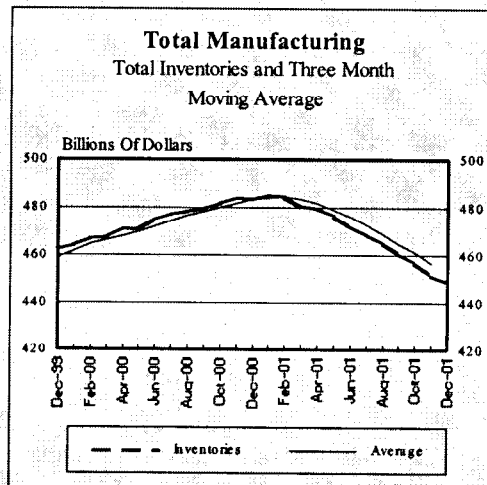
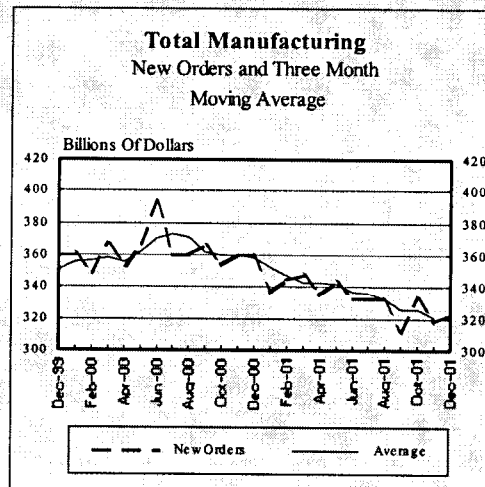
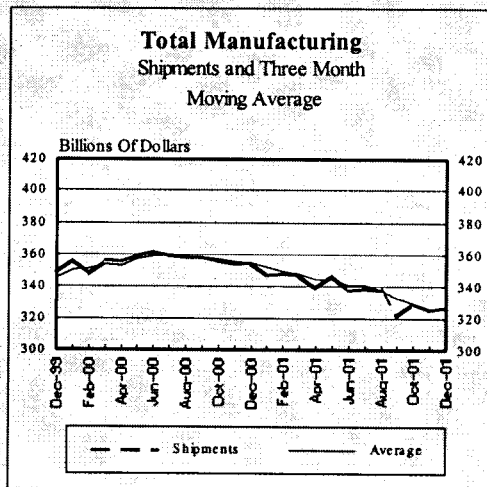
December
2001

M3-1(01)-12

For Wire Transmission 10:00 a.m. E.S.T., February 5, 2002

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 January is scheduled for February 27, 2002 at 8:30 a.m. and the full report on March 6, 2002 at 10:00 a.m. For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

Our Internet address is : <http://www.census.gov/indicator/www/m3>

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Summary

New orders for manufactured goods in December increased \$3.9 billion or 1.2 percent to \$322.2 billion, the Department of Commerce, Bureau of the Census reported today. This follows a 4.3 percent November decrease. New orders for 2001 were 8.2 percent below 2000; new orders for the fourth quarter were 0.3 percent below the third quarter.

Shipments increased \$1.8 billion or 0.6 percent to \$326.7 billion, following a 1.2 percent November decrease. Shipments for 2001 were 5.4 percent below 2000; shipments for the fourth quarter were 1.7 percent below the third quarter.

Unfilled orders, down eleven of the last twelve months, decreased \$4.4 billion or 0.8 percent to \$545.6 billion, following a 1.2 percent November decrease. The unfilled orders-to-shipments ratio was 4.25, down from 4.30 in November.

Inventories, down eleven consecutive months, decreased \$2.6 billion or 0.6 percent to \$448.8 billion, following a 1.3 percent November decrease. The inventories-to-shipments ratio was 1.37 down from 1.39 in November.

New Orders

New Orders for manufactured durable goods in December increased \$3.0 billion or 1.7 percent to \$175.9 billion, revised from the previously published 2.0 percent increase.

Transportation equipment had the largest increase, \$1.7 billion or 3.6 percent to \$49.8 billion, mostly due to missiles, space vehicles, and parts. Computers and electronic products, led by semiconductors, increased \$1.0 billion or 3.1 percent to \$33.2 billion; this was the third consecutive increase.

New orders for nondurable goods increased \$0.9 billion or 0.6 percent to \$146.3 billion.

Shipments

Shipments of durable goods in December increased \$0.9 billion or 0.5 percent to \$180.4 billion, unrevised from the previously published 0.5 percent December increase.

Transportation equipment, up three consecutive months, had the largest increase, \$0.9 billion or 1.7 percent to \$54.0 billion, due to missiles, space vehicles, and parts. Computers and electronic products, up three consecutive months, increased \$0.6 billion or 1.9 percent to \$33.9 billion. Machinery decreased \$0.4 billion or 1.7 percent to \$22.3 billion. Primary metals, down four of the last five months, decreased \$0.3 billion or 2.9 percent to \$10.9 billion; this was the lowest level since December 1993.

Shipments of nondurable goods increased \$0.9 billion or 0.6 percent to \$146.3 billion. Beverage and tobacco products and petroleum and coal products had the largest increases.

Unfilled Orders

Unfilled Orders for durable goods in December, down eleven of the last twelve months, decreased \$4.4 billion or 0.8 percent to \$545.6 billion, revised from the previously published 0.7 percent decrease.

Transportation equipment, led by nondefense aircraft and parts, had the largest decrease, \$4.2 billion or 1.5 percent to \$277.7 billion. Computers and electronic products, down thirteen consecutive months, decreased \$0.7 billion or 0.6 percent to \$125.1 billion, mostly due to nondefense communications equipment. Machinery, up for the first time since June, increased \$0.5 billion or 0.8 percent to \$58.3 billion.

Inventories

Inventories of durable goods in December, down eleven consecutive months, decreased \$1.8 billion or 0.6 percent to \$283.8 billion, revised from the previously published 0.4 percent decrease. Durable goods inventories were at their lowest level since January 1998.

Computers and electronic products, down ten consecutive months, had the largest decrease, \$1.6 billion or 3.2 percent to \$49.3 billion. Transportation equipment increased \$1.1 billion or 1.5 percent to \$74.3 billion, mostly due to defense aircraft and parts.

Inventories of nondurable goods, down eleven consecutive months, decreased \$0.7 billion or 0.4 percent to \$165.0 billion.

By stage of fabrication, December finished goods decreased 0.3 percent in durables and increased 0.4 percent in nondurables. Work in process decreased 0.7 percent in durables and increased 0.1 percent in nondurables. Materials and supplies decreased 0.9 percent in durables and 1.8 percent in nondurables.

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The advance report on durable goods for January is scheduled for February 27, 2002 at 8:30 a.m and the full report on March 6, 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	Year to date	
	Dec. 2001 ^p	Nov. 2001 ^r	Oct. 2001	Nov. - Dec.	Oct. - Nov.	Sept. - Oct.	Dec. 2001 ^p	Nov. 2001 ^r	Oct. 2001	Dec. 2000	Change Dec. 01/00	2001 ^p	2000
All manufacturing industries.....	326,662	324,866	328,851	+0.6	-1.2	+2.3	321,466	322,099	337,351	351,571	-8.6	4,030,288	4,280,872
Excluding transportation.....	272,656	271,785	276,985	+0.3	-1.9	+1.5	269,522	268,311	283,081	302,164	-10.8	3,406,221	3,618,002
Excluding defense.....	318,358	317,455	321,602	+0.3	-1.3	+2.4	311,724	314,447	330,217	343,506	-9.3	3,942,987	4,200,485
Durable goods industries.....	180,365	179,439	180,243	+0.5	-0.4	+3.3	181,048	177,300	183,953	201,776	-10.3	2,225,131	2,435,013
Wood products.....	6,921	6,963	6,971	-0.6	-0.1	-2.9	6,128	6,520	7,410	6,100	+0.5	83,589	88,692
Nonmetallic mineral products.....	7,317	7,332	7,428	-0.2	-1.3	+4.4	6,136	7,186	8,097	6,377	-3.8	89,577	96,002
Primary metals.....	10,885	11,215	11,547	-2.9	-2.9	+2.1	9,575	10,915	11,984	11,087	-13.6	141,702	163,202
Iron and steel mills.....	4,786	4,840	4,978	-1.1	-2.8	+0.4	4,157	4,632	5,218	4,601	-9.7	61,036	72,060
Aluminum and nonferrous metals.....	4,869	5,130	5,327	-5.1	-3.7	+4.1	4,384	5,057	5,446	5,368	-18.3	65,455	74,449
Ferrous metal foundries.....	1,230	1,245	1,242	-1.2	+0.2	+0.9	1,034	1,226	1,320	1,118	-7.5	15,211	16,693
Fabricated metal products.....	20,066	20,089	20,293	-0.1	-1.0	+2.0	18,420	19,772	21,308	19,437	-5.2	244,164	258,960
Machinery.....	22,339	22,721	23,543	-1.7	-3.5	+4.5	22,534	21,301	23,173	25,694	-12.3	288,240	299,065
Farm machinery.....	1,563	1,494	1,427	+4.6	+4.7	-3.1	1,180	1,106	1,272	869	+35.8	16,145	13,733
Construction machinery.....	1,477	1,547	1,615	-4.5	-4.2	+2.5	1,349	1,339	1,467	1,655	-18.5	19,538	21,265
Mining, oil field, and gas field machinery.....	1,051	1,063	1,057	-1.1	+0.6	-0.8	1,138	1,003	1,035	1,051	+8.3	12,650	10,061
Industrial machinery.....	3,252	3,118	3,170	+4.3	-1.6	-1.0	3,761	2,791	3,179	5,223	-28.0	43,807	50,208
Photographic equipment.....	1,272	1,170	1,352	+8.7	-13.5	+9.7	1,348	1,175	1,413	1,537	-12.3	15,977	14,948
Ventilation, heating, air-conditioning, and refrigeration equipment.....	2,637	2,589	2,534	+1.9	+2.2	-3.4	2,417	2,432	2,549	2,608	-7.3	32,277	33,564
Metalworking machinery.....	2,028	2,042	2,222	-0.7	-8.1	+2.8	2,080	2,272	2,401	2,611	-20.3	27,208	30,972
Turbines, generators, and other power transmission equipment.....	2,353	2,933	3,229	-19.8	-9.2	+40.5	2,898	2,823	2,990	3,313	-12.5	35,084	35,549
Material handling equipment.....	1,454	1,503	1,547	-3.3	-2.8	-3.7	1,417	1,404	1,561	1,622	-12.6	19,972	21,096
Computers and electronic products.....	33,880	33,232	33,168	+1.9	+0.2	+0.8	41,430	33,113	32,049	56,110	-26.2	440,819	541,887
Electronic computers.....	5,382	5,436	5,358	-1.0	+1.5	+3.2	6,641	4,968	5,236	9,650	-31.2	73,241	95,807
Computer storage devices.....	1,062	1,106	1,161	-4.0	-4.7	+11.1	1,656	991	915	2,096	-21.0	13,416	15,136
Nondefense communications equipment.....	5,697	5,528	5,663	+3.1	-2.4	-3.0	8,040	5,318	5,274	12,751	-36.9	78,845	111,015
Defense communications equipment.....	293	281	286	+4.3	-1.7	+2.1	327	277	266	277	+18.1	3,439	3,141
Audio and video equipment.....	1,245	1,069	940	+16.5	+13.7	+10.3	1,406	1,206	1,082	1,038	+35.5	11,414	11,782
Semiconductors.....	5,850	5,900	6,196	-0.8	-4.8	-1.9	6,587	6,294	6,249	11,313	-41.8	85,447	108,182
Electronic components.....	3,733	3,961	3,870	-5.8	+2.4	+10.4	3,951	4,136	3,931	5,865	-32.6	52,079	70,313
Nondefense search and navigation equipment.....	695	687	689	+1.2	-0.3	-2.5	754	697	638	900	-16.2	8,815	10,097
Defense search and navigation equipment.....	1,766	1,721	1,691	+2.6	+1.8	-2.8	2,125	1,754	1,662	2,139	-0.7	20,828	20,593
Electromedical, measuring, and control instruments.....	5,579	5,092	4,995	+9.6	+1.9	-2.0	6,448	4,939	4,657	6,052	+6.5	63,104	60,983
Electrical equipment, appliances, and components.....	9,911	9,693	10,118	+2.2	-4.2	+3.3	10,033	9,330	9,823	11,700	-14.2	127,174	133,893
Electric lighting equipment.....	1,157	1,105	1,210	+4.7	-8.7	+16.8	1,342	1,110	1,176	1,380	-2.8	14,078	14,356
Household appliances.....	2,160	2,074	2,081	+4.1	-0.3	+4.5	2,109	1,983	2,019	1,871	+12.7	24,319	23,417
Electrical equipment.....	3,060	3,014	3,053	+1.5	-1.3	+0.6	3,225	2,744	2,788	3,585	-10.0	37,599	39,594
Batteries.....	504	515	543	-2.1	-5.2	-0.5	533	647	608	627	-15.0	6,485	7,235
Transportation equipment.....	54,006	53,081	51,866	+1.7	+2.3	+6.4	51,944	53,788	54,270	49,407	+5.1	624,067	662,870
Automobiles.....	8,124	7,997	8,148	+1.6	-1.9	+19.8	7,024	8,138	9,356	6,607	+6.3	94,969	104,043
Light trucks and utility vehicles.....	11,207	11,277	10,772	-0.6	+4.7	+15.7	9,745	11,431	11,862	9,118	+6.9	129,535	140,184
Heavy duty trucks.....	943	886	946	+6.4	-6.3	-0.8	814	831	1,085	1,026	-20.7	12,147	17,986
Motor vehicle bodies, parts, and trailers.....	16,645	16,624	16,256	+0.1	+2.3	+6.2	14,146	16,687	17,504	14,625	-3.3	197,491	220,194
Nondefense aircraft and parts.....	8,395	8,504	8,117	-1.3	+4.8	-2.2	10,379	8,738	6,955	9,966	+4.1	98,788	93,999
Defense aircraft and parts.....	2,730	2,819	2,456	-3.2	+14.8	-14.9	3,496	2,987	2,354	2,670	+30.9	30,517	26,499
Ships and boats.....	1,729	1,761	1,785	-1.8	-1.3	+6.8	1,671	1,691	1,812	1,618	+3.3	20,556	20,935
Furniture and related products.....	5,669	5,683	5,774	-0.2	-1.6	+4.1	5,421	5,639	5,981	6,092	-11.0	71,146	77,623
Miscellaneous durable goods.....	9,371	9,430	9,535	-0.6	-1.1	+0.7	9,427	9,736	9,858	9,772	-3.5	114,653	112,819
Nondurable goods industries.....	146,297	145,427	148,608	+0.6	-2.1	+1.0	140,418	144,799	153,398	149,795	-6.3	1,805,157	1,845,859
Food products.....	38,514	38,441	38,556	+0.2	-0.3	+1.0	38,597	39,649	40,145	37,410	+3.2	458,218	438,913
Grain and oilseed milling.....	4,272	4,215	4,201	+1.4	+0.3	+3.9	4,103	4,421	4,404	3,782	+8.5	49,605	46,786
Dairy products.....	5,624	5,619	5,870	+0.1	-4.3	+1.6	5,586	5,841	5,708	5,167	+8.1	67,770	60,902
Meat, poultry, and seafood products.....	11,669	11,684	11,546	-0.1	+1.2	+1.3	11,567	11,877	11,714	11,073	+4.5	137,402	129,688
Beverage and tobacco products.....	9,994	9,410	10,233	+6.2	-8.0	+6.7	9,344	9,216	10,412	8,890	+5.1	117,195	112,366
Beverages.....	5,963	5,884	5,772	+1.3	+1.9	+2.8	5,511	5,678	5,767	5,006	+10.1	68,365	65,081
Tobacco.....	4,031	3,526	4,461	+14.3	-21.0	+12.3	3,833	3,538	4,645	3,884	-1.3	48,830	47,285
Textile mills.....	3,526	3,534	3,770	-0.2	-6.3	+1.1	3,233	3,448	3,857	3,921	-17.5	46,184	53,282
Textile products.....	2,865	2,849	2,833	+0.6	+0.6	+0.7	2,520	2,723	2,851	2,343	+7.6	33,542	32,947
Apparel.....	5,269	5,018	5,063	+5.0	-0.9	+1.8	4,256	4,989	5,775	4,433	-4.0	62,392	65,097
Leather and allied products.....	687	698	710	-1.6	-1.7	+0.9	799	727	764	991	-19.4	8,905	9,865
Paper products.....	12,397	12,563	13,013	-1.3	-3.5	+2.5	11,974	12,454	13,403	13,501	-11.3	157,101	170,217
Pulp, paper, and paperboard mills.....	5,545	5,719	6,062	-3.0	-5.7	+5.1	5,333	5,663	6,234	6,195	-13.9	72,270	79,128
Paperboard containers.....	3,853	3,844	3,962	+0.2	-3.0	+0.9	3,606	3,788	4,148	4,004	-9.9	48,062	52,879
Printing.....	7,965	7,979	8,178	-0.2	-2.4	+3.4	8,104	8,507	8,787	8,923	-9.2	99,517	105,456
Petroleum and coal products.....	16,220	15,691	16,655	+3.4	-5.8	-7.5	15,335	15,686	17,474	19,193	-20.1	218,363	232,581
Petroleum refineries.....	14,709	14,117	15,040	+4.2	-6.1	-8.0	14,195	14,191	15,652	17,624	-19.5	197,170	209,618
Basic chemicals.....	34,117	34,625	34,821	-1.5	-0.6	+2.6	33,237	33,411	34,511	36,994	-10.2	426,209	442,832
Pesticides, fertilizers, and other agricultural chemicals.....	1,786	1,809	1,687	-1.3	+7.2	+0.2	1,447	1,217	1,166	1,401	+3.3	21,006	20,513
Pharmaceuticals and medicines.....	9,782	9,864	9,788	-0.8	+0.8	+1.0	10,138	9,944	9,918	11,333	-10.5	119,018	121,882
Paints, coatings, and adhesives.....	2,530	2,549	2,514	-0.7	+1.4	+2.1	2,164	2,332	2,415	2,124	+1.9	30,040	29,687
Plastics and rubber products.....	14,743	14,619	14,776	+0.8	-1.1	+1.4	13,019	13,989	15,419	13,196	-1.3	177,531	182,303

^p Preliminary^r Revised¹ 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 Dec. 01/00	Year to date	
	Dec. 2001 ^P	Nov. 2001 ^F	Oct. 2001	Nov. - Dec.	Oct. - Nov.	Sept. - Oct.	Dec. 2001 ^P	Nov. 2001 ^F	Oct. 2001	Dec. 2000		2001 ^P	2000
All manufacturing industries.....	322,231	318,379	332,772	+1.2	-4.3	+7.0	321,757	313,679	339,356	358,862	-10.3	3,978,690	4,349,672
Excluding transportation.....	272,387	270,247	272,634	+0.8	-0.9	+1.8	268,630	265,624	278,810	297,546	-9.7	3,361,342	3,642,838
Excluding defense.....	315,024	311,826	312,664	+1.0	-0.3	+2.9	308,689	307,177	320,409	349,074	-11.6	3,880,626	4,243,802
Durable goods industries.....	175,934	172,952	184,164	+1.7	-6.1	+12.4	181,339	168,880	185,958	209,067	-13.3	2,173,533	2,503,813
Primary metals.....	10,781	10,823	10,863	-0.4	-0.4	-2.1	9,781	10,511	10,844	11,362	-13.9	139,303	160,770
Iron and steel mills.....	4,821	4,626	4,567	+4.2	+1.3	-8.1	4,370	4,436	4,487	4,688	-6.8	59,859	70,001
Aluminum and nonferrous metals.....	4,724	4,996	5,069	-5.4	-1.4	+3.2	4,314	4,906	5,050	5,430	-20.6	64,248	73,842
Ferrous metal foundries.....	1,236	1,201	1,227	+2.9	-2.1	+1.0	1,097	1,169	1,307	1,244	-11.8	15,196	16,927
Fabricated metal products.....	19,735	19,488	19,734	+1.3	-1.2	+2.2	18,171	18,966	20,185	19,484	-6.7	240,349	259,406
Machinery.....	22,800	22,616	22,163	+0.8	+2.0	-0.4	22,316	21,217	21,719	24,674	-9.6	282,180	305,598
Construction machinery.....	1,527	1,495	1,468	+2.1	+1.8	-3.7	1,518	1,353	1,391	1,635	-7.2	19,075	20,119
Mining, oil field, and gas field machinery.....	993	1,041	995	-4.6	+4.6	-17.2	1,009	980	961	989	+2.0	12,869	9,998
Industrial machinery.....	3,115	3,158	3,109	-1.4	+1.6	+9.1	3,197	2,942	3,351	4,070	-21.4	40,362	53,145
Photographic equipment.....	1,259	1,178	1,349	+6.9	-12.7	+12.1	1,285	1,189	1,416	1,720	-25.3	15,820	15,021
Ventilation, heating, air-conditioning, and refrigeration equipment.....	2,481	2,505	2,508	-1.0	-0.1	+3.4	2,241	2,376	2,368	2,502	-10.4	31,789	33,555
Metalworking machinery.....	1,933	1,918	2,128	+0.8	-9.9	+12.5	1,838	2,148	2,307	2,218	-17.1	25,733	29,981
Turbines, generators, and other power transmission equipment.....	3,388	3,038	2,380	+11.5	+27.6	-15.3	3,902	2,851	2,014	3,976	-1.9	36,322	40,644
Material handling equipment.....	1,381	1,507	1,442	-8.4	+4.5	-13.1	1,442	1,368	1,401	1,857	-22.3	19,626	21,805
Computers and electronic products.....	33,179	32,181	31,924	+3.1	+0.8	+8.9	41,139	31,369	31,591	53,019	-22.4	413,962	558,875
Electronic computers.....	5,264	5,581	5,657	-5.7	-1.3	+32.0	6,033	5,493	5,480	9,165	-34.2	72,440	96,154
Nondefense communications equipment.....	4,999	5,293	5,222	-5.6	+1.4	+51.5	7,893	5,143	5,054	12,060	-34.6	70,564	117,928
Defense communications equipment.....	442	233	192	+89.7	+21.4	-2.5	496	223	216	320	+55.0	3,338	3,423
Semiconductors.....	5,996	5,318	5,520	+12.7	-3.7	-16.7	6,150	4,884	6,468	9,235	-33.4	74,023	109,839
Electronic components.....	3,702	3,743	3,657	-1.1	+2.4	+10.1	3,787	3,663	3,695	5,526	-31.5	47,292	75,387
Nondefense search and navigation equipment.....	594	594	585	0.0	+1.5	-5.8	685	594	529	746	-8.2	7,810	9,301
Defense search and navigation equipment.....	1,622	1,452	1,532	+11.7	-5.2	-15.1	2,899	1,494	1,205	2,681	+8.1	20,050	22,402
Electromedical, measuring, and control instruments.....	5,675	5,341	5,139	+6.3	+3.9	+7.8	6,639	5,145	4,808	6,123	+8.4	63,424	62,685
Electrical equipment, appliances, and components.....	9,897	9,941	9,753	-0.4	+1.9	+4.5	9,858	9,657	9,601	11,590	-14.9	124,196	135,889
Electric lighting equipment.....	1,126	1,099	1,187	+2.5	-7.4	+23.9	1,355	1,047	1,166	1,460	-7.2	14,029	14,420
Household appliances.....	2,221	2,161	2,032	+2.8	+6.3	+5.1	2,177	2,239	1,902	1,962	+11.0	24,353	23,693
Electrical equipment.....	3,143	3,194	2,913	-1.6	+9.6	-5.9	3,105	3,001	2,831	3,555	-12.7	37,509	40,872
Transportation equipment.....	49,844	48,132	60,138	+3.6	-20.0	+39.0	53,127	48,055	60,546	61,316	-13.4	617,348	706,834
Motor vehicle bodies, parts, and trailers.....	16,568	16,594	15,896	-0.2	+4.4	+5.4	14,496	16,760	17,084	14,699	-1.4	195,990	217,219
Nondefense aircraft and parts.....	5,686	4,493	4,562	+26.6	-1.5	+26.1	9,233	4,095	2,295	21,077	-56.2	83,029	116,242
Defense aircraft and parts.....	1,872	2,598	15,298	-27.9	-83.0	491.6	3,684	2,387	14,368	3,373	+9.2	41,275	36,391
Ships and boats.....	1,276	1,545	1,537	-17.4	+0.5	+2.2	1,940	1,484	1,695	1,643	+18.1	22,828	22,289
Furniture and related products.....	5,717	5,757	5,569	-0.7	+3.4	+3.2	5,095	5,670	5,772	5,502	-7.4	70,231	77,273

^P Preliminary ^F 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 Dec. 01/00
	Dec. 2001 ^P	Nov. 2001 [†]	Oct. 2001	Nov. - Dec.	Oct. - Nov.	Sep. - Oct.	Dec. 2001 ^P	Nov. 2001 [†]	Oct. 2001	Dec. 2000	
All manufacturing industries.....	545,584	550,015	556,502	-0.8	-1.2	+0.7	540,416	540,125	548,545	592,014	-8.7
Excluding transportation.....	267,870	268,139	269,677	-0.1	-0.6	-1.6	263,603	264,495	267,182	308,482	-14.5
Excluding defense.....	393,911	397,245	402,874	-0.8	-1.4	-2.2	389,059	392,094	399,364	451,420	-13.8
Durable goods industries.....	545,584	550,015	556,502	-0.8	-1.2	+0.7	540,416	540,125	548,545	592,014	-8.7
Primary metals.....	17,239	17,343	17,735	-0.6	-2.2	-3.7	16,555	16,349	16,753	18,954	-12.7
Iron and steel mills.....	8,341	8,306	8,520	+0.4	-2.5	-4.6	7,924	7,711	7,907	9,101	-12.9
Aluminum and nonferrous metals.....	6,654	6,799	6,933	-2.1	-1.9	-3.6	6,412	6,482	6,633	7,619	-15.8
Ferrous metal foundries.....	2,244	2,238	2,282	+0.3	-1.9	-0.7	2,219	2,156	2,213	2,234	-0.7
Fabricated metal products.....	39,536	39,867	40,468	-0.8	-1.5	-1.4	38,826	39,075	39,881	42,641	-8.9
Machinery.....	58,296	57,835	57,940	+0.8	-0.2	-2.3	57,222	57,440	57,524	63,282	-9.6
Construction machinery.....	2,123	2,073	2,125	+2.4	-2.4	-6.5	2,133	1,964	1,950	2,596	-17.8
Mining, oil field, and gas field machinery.....	1,655	1,713	1,735	-3.4	-1.3	-3.5	1,586	1,715	1,738	1,367	+16.0
Industrial machinery.....	9,687	9,824	9,784	-1.4	+0.4	-0.6	9,356	9,920	9,769	12,801	-26.9
Photographic equipment.....	816	829	821	-1.6	+1.0	-0.4	776	839	825	933	-16.8
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,333	4,489	4,573	-3.5	-1.8	-0.6	4,135	4,311	4,367	4,623	-10.6
Metalworking machinery.....	4,070	4,165	4,289	-2.3	-2.9	-2.1	3,895	4,137	4,261	5,370	-27.5
Turbines, generators, and other power transmission equipment.....	20,765	19,730	19,625	+5.2	+0.5	-4.1	20,853	19,849	19,821	19,615	+6.3
Material handling equipment.....	5,919	5,992	5,988	-1.2	+0.1	-1.7	5,787	5,762	5,798	6,133	-5.6
Computers and electronic products.....	125,082	125,783	126,834	-0.6	-0.8	-1.0	124,195	124,486	126,230	151,052	-17.8
Electronic computers.....	9,531	9,649	9,504	-1.2	+1.5	+3.2	9,407	10,015	9,490	10,208	-7.8
Nondefense communications equipment.....	37,864	38,562	38,797	-1.8	-0.6	-1.1	37,982	38,129	38,304	46,263	-17.9
Defense communications equipment.....	2,430	2,281	2,329	+6.5	-2.1	-3.9	2,454	2,285	2,339	2,555	-4.0
Semiconductors.....	14,357	14,211	14,793	+1.0	-3.9	-4.4	13,906	14,343	15,753	25,330	-45.1
Electronic components.....	15,546	15,577	15,795	-0.2	-1.4	-1.3	15,257	15,421	15,894	20,044	-23.9
Nondefense search and navigation equipment.....	4,146	4,247	4,340	-2.4	-2.1	-2.3	4,089	4,158	4,261	5,094	-19.7
Defense search and navigation equipment.....	29,238	29,382	29,651	-0.5	-0.9	-0.5	29,226	28,452	28,712	30,004	-2.6
Electromedical, measuring, and control instruments.....	11,970	11,874	11,625	+0.8	+2.1	+1.3	11,874	11,683	11,477	11,554	+2.8
Electrical equipment, appliances, and components.....	16,734	16,748	16,500	-0.1	+1.5	-2.2	16,401	16,576	16,249	19,379	-15.4
Electric lighting equipment.....	1,546	1,577	1,583	-2.0	-0.4	-1.4	1,508	1,495	1,558	1,557	-3.1
Household appliances.....	1,293	1,232	1,145	+5.0	+7.6	-4.1	1,293	1,225	969	1,259	+2.7
Electrical equipment.....	10,110	10,027	9,847	+0.8	+1.8	-1.4	9,963	10,083	9,826	10,053	-0.9
Transportation equipment.....	277,714	281,876	286,825	-1.5	-1.7	+3.0	276,813	275,630	281,363	283,532	-2.4
Motor vehicle bodies, parts, and trailers.....	11,902	11,979	12,009	-0.6	-0.2	-2.9	11,893	11,543	11,470	13,394	-11.2
Nondefense aircraft and parts.....	134,058	136,767	140,778	-2.0	-2.8	-2.5	133,972	135,118	139,761	149,731	-10.5
Defense aircraft and parts.....	56,642	57,500	57,721	-1.5	-0.4	+28.6	55,653	55,465	56,065	44,895	+24.0
Ships and boats.....	21,755	22,208	22,424	-2.0	-1.0	-1.1	21,828	21,559	21,766	19,556	+11.6
Furniture and related products.....	6,372	6,324	6,250	+0.8	+1.2	-3.2	6,140	6,466	6,435	7,055	-13.0

^P Preliminary [†] 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 Dec. 01/00
	Dec. 2001 ^p	Nov. 2001 ^r	Oct. 2001	Nov. - Dec.	Oct. - Nov.	Sep. - Oct.	Dec. 2001 ^p	Nov. 2001 ^r	Oct. 2001	Dec. 2000	
All manufacturing industries.....	448,809	451,365	457,341	-0.6	-1.3	-0.7	437,615	453,358	459,496	472,455	-7.4
Excluding transportation.....	374,516	378,148	382,921	-1.0	-1.2	-0.9	366,031	378,882	383,775	398,046	8.0
Excluding defense.....	425,748	429,600	435,774	-0.9	-1.4	-0.8	415,437	431,454	437,698	450,282	-7.7
Durable goods industries.....	283,826	285,663	289,872	-0.6	-1.5	-0.7	275,288	287,283	290,582	301,247	-8.6
Wood products.....	9,020	9,277	9,512	-2.8	-2.5	-1.8	9,074	9,497	9,654	10,158	-10.7
Nonmetallic mineral products.....	9,455	9,550	9,677	-1.0	-1.3	-1.2	9,298	9,286	9,336	10,007	-7.1
Primary metals.....	19,838	20,028	20,241	-0.9	-1.1	-0.8	19,928	20,006	20,193	22,795	-12.6
Iron and steel mills.....	10,630	10,792	10,991	-1.5	-1.8	-1.4	10,791	10,868	11,069	12,666	-14.8
Aluminum and nonferrous metals.....	7,428	7,397	7,392	+0.4	+0.1	-0.4	7,395	7,335	7,311	8,356	-11.5
Ferrous metal foundries.....	1,780	1,839	1,858	-3.2	-1.0	+1.3	1,742	1,803	1,813	1,773	-1.7
Fabricated metal products.....	32,735	33,090	33,579	-1.1	-1.5	-0.8	31,951	32,710	33,270	34,743	-8.0
Machinery.....	48,884	49,058	49,586	-0.4	-1.1	-1.0	47,296	49,393	49,682	49,931	-5.3
Farm machinery.....	2,051	2,047	2,066	+0.2	-0.9	-1.9	2,097	2,009	1,937	2,252	-6.9
Construction machinery.....	3,872	3,934	3,887	-1.6	+1.2	+0.2	3,873	3,952	3,867	3,854	+0.5
Mining, oil field, and gas field machinery.....	2,713	2,772	2,816	-2.1	-1.6	-0.4	2,567	2,790	2,838	2,480	+3.5
Industrial machinery.....	8,369	8,471	8,540	-1.2	-0.8	-1.3	8,114	8,578	8,487	9,105	-10.9
Photographic equipment.....	2,240	2,325	2,412	-3.7	-3.6	+0.2	2,142	2,380	2,470	2,386	-10.2
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,351	4,476	4,595	-2.8	-2.6	+0.1	4,079	4,446	4,552	4,391	-7.1
Metalworking machinery.....	5,689	5,652	5,774	+0.7	-2.1	-2.6	5,306	5,599	5,854	5,379	-1.4
Turbines, generators, and other power transmission equipment.....	5,980	5,701	5,650	+4.9	+0.9	-1.8	5,703	5,875	5,815	5,539	+3.0
Material handling equipment.....	2,428	2,467	2,542	-1.6	-3.0	-1.5	2,393	2,438	2,496	2,561	-6.6
Computers and electronic products.....	49,306	50,934	51,955	-3.2	-2.0	-1.7	47,134	51,545	51,788	57,265	-17.7
Electronic computers.....	2,939	3,017	3,139	-2.6	-3.9	-0.9	2,795	3,162	3,101	3,575	-21.8
Computer storage devices.....	1,486	1,607	1,593	-7.5	+0.9	-1.8	1,326	1,678	1,534	1,690	-21.5
Nondefense communications equipment.....	7,979	8,701	8,820	-8.3	-1.3	-3.7	7,666	9,133	8,810	11,938	-35.8
Defense communications equipment.....	533	574	526	-7.1	+9.1	-13.8	511	575	528	531	-3.8
Audio and video equipment.....	915	1,017	1,084	-10.0	-6.2	+0.7	871	1,075	1,171	1,067	-18.4
Semiconductors.....	7,428	7,429	7,540	0.0	-1.5	-3.0	7,182	7,329	7,418	7,807	-8.0
Electronic components.....	7,784	7,979	8,281	-2.4	-3.6	-3.7	7,612	7,930	8,336	9,929	-23.3
Nondefense search and navigation equipment.....	2,757	2,780	2,761	-0.8	+0.7	+1.8	2,674	2,797	2,764	2,608	+2.5
Defense search and navigation equipment.....	3,190	3,233	3,242	-1.3	-0.3	+0.9	3,039	3,242	3,251	2,982	+1.9
Electromedical, measuring and control instruments.....	10,639	10,786	10,886	-1.4	-0.9	-0.2	10,229	10,704	10,778	11,214	-8.8
Electrical equipment, appliances, and components.....	14,686	14,826	15,003	-0.9	-1.2	-0.1	14,183	14,749	14,937	15,491	-8.4
Electric lighting equipment.....	1,697	1,691	1,692	+0.4	-0.1	-0.6	1,602	1,698	1,704	1,790	-10.5
Household appliances.....	2,441	2,531	2,494	-3.6	+1.5	+1.5	2,242	2,463	2,434	2,411	-7.0
Electrical equipment.....	4,984	4,862	4,871	+2.5	-0.2	+1.9	4,911	4,941	4,927	4,791	+2.5
Batteries.....	747	786	799	-5.0	-1.6	+1.0	687	773	810	778	-11.7
Transportation equipment.....	74,293	73,217	74,420	+1.5	-1.6	+0.4	71,584	74,476	75,721	74,409	-3.8
Automobiles.....	1,869	1,830	1,823	+2.1	+0.4	-8.6	1,719	1,808	1,810	2,015	-14.7
Light trucks and utility vehicles.....	1,483	1,586	1,746	-6.5	-9.2	+0.4	1,342	1,645	1,767	1,653	-18.8
Heavy duty trucks.....	857	872	884	-1.7	-1.4	-2.4	809	877	888	975	-17.0
Motor vehicle bodies, parts, and trailers.....	15,916	15,940	16,368	-0.2	-2.6	-0.5	15,851	16,018	16,467	17,496	-9.4
Nondefense aircraft and parts.....	30,948	31,154	31,876	-0.7	-2.3	+0.5	29,569	32,153	32,828	30,202	-2.1
Defense aircraft and parts.....	10,895	9,829	9,811	+10.8	+0.2	+2.7	10,325	9,926	9,931	10,653	-3.1
Ships and boats.....	2,362	2,286	2,281	+3.3	+0.2	-1.5	2,268	2,292	2,253	2,157	+5.1
Furniture and related products.....	7,673	7,889	8,011	-2.7	-1.5	-2.0	7,476	7,842	7,980	8,775	-14.8
Miscellaneous durable goods.....	17,936	17,794	17,888	+0.8	-0.5	-0.4	17,364	17,779	18,021	17,673	-1.7
Nondurable goods industries.....	164,983	165,702	167,469	-0.4	-1.1	-0.7	162,327	166,075	168,914	171,208	-5.2
Food products.....	29,584	29,586	29,513	0.0	+0.2	-0.2	29,605	30,750	31,241	29,527	+0.3
Grain and oilseed milling.....	3,294	3,257	3,167	+1.1	+2.8	-2.1	3,429	3,413	3,386	3,562	-3.7
Dairy products.....	3,120	3,076	3,121	+1.4	-1.4	-1.0	2,857	2,946	3,150	2,727	+4.8
Meat, poultry, and seafood products.....	6,078	6,043	6,027	+0.6	+0.3	+2.3	5,857	6,093	6,187	5,392	+8.6
Beverage and tobacco products.....	13,904	13,806	13,815	+0.7	-0.1	-1.0	14,174	14,134	14,274	14,024	+1.1
Beverages.....	8,386	8,318	8,350	+0.8	-0.4	-0.4	8,332	8,418	8,611	8,079	+3.1
Tobacco.....	5,518	5,488	5,465	+0.5	+0.4	-2.0	5,842	5,716	5,663	5,945	-1.7
Textile mills.....	6,104	6,170	6,270	-1.1	-1.6	-1.9	5,864	6,046	6,138	6,615	-11.4
Textile products.....	4,431	4,443	4,484	-0.3	-0.9	-0.4	4,238	4,335	4,431	4,697	-9.8
Apparel.....	8,989	9,184	9,405	-2.1	-2.3	-2.2	8,688	8,724	9,153	10,117	-14.1
Leather and allied products.....	1,419	1,452	1,477	-2.3	-1.7	-1.5	1,347	1,440	1,485	1,505	-10.5
Paper products.....	15,692	15,679	15,594	+0.1	+0.5	+0.1	15,527	15,552	15,446	16,063	-3.3
Pulp, paper, and paperboard mills.....	6,977	6,975	6,914	0.0	+0.9	+0.1	6,952	6,888	6,799	7,175	-3.1
Paperboard containers.....	4,273	4,315	4,354	-1.0	-0.9	-0.1	4,235	4,297	4,363	4,608	-8.1
Printing.....	5,930	5,995	6,154	-1.1	-2.6	-0.2	5,489	5,971	6,323	6,247	-12.1
Petroleum and coal products.....	11,736	11,718	12,095	+0.2	-3.1	-5.0	10,916	11,662	12,330	12,606	-13.4
Petroleum refineries.....	9,910	9,939	10,278	-0.3	-3.3	-6.0	9,271	9,939	10,528	10,957	-15.4
Basic chemicals.....	50,057	50,315	51,084	-0.5	-1.5	0.0	49,523	50,358	50,916	51,449	-3.7
Pesticides, fertilizers, and other agricultural chemicals.....	2,659	2,706	2,731	-1.7	-0.9	-2.5	2,742	2,675	2,543	2,988	-8.2
Pharmaceuticals and medicines.....	18,239	17,845	18,100	+2.2	-1.4	0.0	18,023	18,068	18,429	17,594	+2.4
Paints, coatings, and adhesives.....	3,141	3,210	3,262	-2.1	-1.6	+0.2	3,044	3,092	3,193	3,151	-3.4
Plastics and rubber products.....	17,137	17,354	17,578	-1.3	-1.3	-0.4	16,956	17,103	17,177	18,358	-7.6

^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 Change Dec. 01/00	Year to date	
	Dec. 2001 ^p	Nov. 2001 ^r	Oct. 2001	Nov. - Dec.	Oct. - Nov.	Sept. - Oct.	Dec. 2001 ^p	Nov. 2001 ^r	Oct. 2001	Dec. 2000		2001 ^p	2000
SHIPMENTS													
All manufacturing industries.....	326,662	324,866	328,851	+0.6	-1.2	+2.3	321,466	322,099	337,351	351,571	-8.6	4,030,288	4,280,872
Construction materials and supplies.....	32,400	32,424	32,787	-0.1	-1.1	+1.4	28,825	31,311	34,728	29,906	-3.6	395,257	419,032
Information technology.....	28,599	27,526	27,685	+3.9	-0.6	+0.7	35,064	26,704	26,514	44,706	-21.6	363,963	427,631
Capital goods.....	67,069	65,498	66,393	+2.4	-1.3	+1.4	76,388	63,330	63,813	87,845	-13.0	835,515	914,117
Nondefense capital goods ³	59,685	59,144	59,956	+0.9	-1.4	+1.7	67,948	56,742	57,492	80,855	-16.0	759,337	844,037
Excluding aircraft.....	54,787	54,381	55,665	+0.7	-2.3	+2.1	61,395	51,803	54,008	75,224	-18.4	705,064	789,478
Defense capital goods ⁴	7,384	6,354	6,437	+16.2	-1.3	-0.9	8,440	6,588	6,321	6,990	+20.7	76,178	70,080
Consumer goods.....	125,551	124,081	125,951	+1.2	-1.5	+2.6	120,340	125,472	132,277	124,427	-3.3	1,523,022	1,558,775
Consumer durable goods.....	34,687	34,432	34,095	+0.7	+1.0	+9.9	31,661	34,828	36,919	31,022	+2.1	408,484	440,113
Consumer nondurable goods.....	90,864	89,649	91,856	+1.4	-2.4	+0.2	88,679	90,644	95,358	93,405	-5.1	1,114,538	1,118,662
NEW ORDERS													
All manufacturing industries.....	322,231	318,379	332,772	+1.2	-4.3	+7.0	321,757	313,679	339,356	358,862	-10.3	3,978,690	4,349,672
Construction materials and supplies.....	32,000	32,042	32,102	-0.1	-0.2	+1.3	28,478	30,610	33,638	29,942	-4.9	391,179	420,242
Information technology.....	27,643	27,270	27,174	+1.4	+0.4	+16.3	35,175	26,734	25,938	43,964	-20.0	350,287	438,339
Capital goods.....	63,320	62,166	73,402	+1.9	-15.3	+28.1	77,433	59,566	69,390	95,797	-19.2	808,715	972,288
Nondefense capital goods ³	56,944	56,437	54,251	+0.9	+4.0	+5.8	65,868	53,691	50,949	87,593	-24.8	723,117	881,415
Excluding aircraft.....	54,342	54,413	53,120	-0.1	+2.4	+5.9	60,048	52,123	51,730	72,413	-17.1	684,948	806,465
Defense capital goods ⁴	6,376	5,729	19,151	+11.3	-70.1	218.4	11,565	5,875	18,441	8,204	+41.0	85,598	90,873
Consumer goods.....	126,076	124,539	126,025	+1.2	-1.2	+2.6	120,444	125,840	132,504	124,013	-2.9	1,521,287	1,559,976
Consumer durable goods.....	35,212	34,890	34,169	+0.9	+2.1	+9.8	31,765	35,196	37,146	30,608	+3.8	406,749	441,314
UNFILLED ORDERS													
All manufacturing industries.....	545,584	550,015	556,502	-0.8	-1.2	+0.7	540,416	540,125	548,545	592,014	-8.7	(X)	(X)
Construction materials and supplies.....	32,638	33,038	33,420	1.2	-1.1	-2.0	31,990	32,337	33,038	36,068	-11.3	(X)	(X)
Information technology.....	99,780	100,736	100,992	-0.9	-0.3	-0.5	99,445	99,334	99,304	113,121	-12.1	(X)	(X)
Capital goods.....	380,151	383,900	387,232	-1.0	-0.9	+1.8	378,344	377,299	381,063	405,144	-6.6	(X)	(X)
Nondefense capital goods ³	246,613	249,354	252,061	-1.1	-1.1	-2.2	244,424	246,504	249,555	280,644	-12.9	(X)	(X)
Excluding aircraft.....	144,700	145,145	145,113	-0.3	0.0	-1.7	142,597	143,944	143,624	162,713	-12.4	(X)	(X)
Defense capital goods ⁴	133,538	134,546	135,171	-0.7	-0.5	+10.4	133,920	130,795	131,508	124,500	+7.6	(X)	(X)
Consumer goods.....	9,693	9,168	8,710	+5.7	+5.3	+0.9	9,145	9,041	8,673	10,880	-15.9	(X)	(X)
Consumer durable goods.....	9,693	9,168	8,710	+5.7	+5.3	+0.9	9,145	9,041	8,673	10,880	-15.9	(X)	(X)
TOTAL INVENTORIES													
All manufacturing industries.....	448,809	451,365	457,341	-0.6	-1.3	-0.7	437,615	453,358	459,496	472,455	-7.4	(X)	(X)
Construction materials and supplies.....	45,521	46,082	46,873	-1.2	-1.7	-1.1	44,699	45,675	46,416	48,708	-8.2	(X)	(X)
Information technology.....	41,151	42,807	43,693	-3.9	-2.0	-1.0	39,223	43,540	43,566	47,636	-17.7	(X)	(X)
Capital goods.....	139,342	140,658	142,169	-0.9	-1.1	-0.6	134,022	142,736	143,289	145,308	-7.8	(X)	(X)
Nondefense capital goods ³	120,534	122,078	123,897	-1.3	-1.5	-0.8	115,763	124,160	124,875	127,006	-8.9	(X)	(X)
Excluding aircraft.....	97,042	98,340	99,521	-1.3	-1.2	-1.0	93,420	99,402	99,518	103,730	-9.9	(X)	(X)
Defense capital goods ⁴	18,808	18,580	18,272	+1.2	+1.7	+0.6	18,259	18,576	18,414	18,302	-0.2	(X)	(X)
Consumer goods.....	125,346	125,378	126,548	0.0	-0.9	-1.1	122,891	126,367	128,922	128,839	-4.6	(X)	(X)
Consumer durable goods.....	26,449	26,810	27,267	-1.3	-1.7	-1.2	25,324	26,764	27,296	28,082	-9.8	(X)	(X)
Consumer nondurable goods.....	98,897	98,568	99,281	+0.3	-0.7	-1.1	97,567	99,603	101,626	100,757	-3.2	(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 Dec. 01/00
	Dec. 2001 ^p	Nov. 2001 ⁱ	Oct. 2001	Nov. - Dec.	Oct. - Nov.	Sep. - Oct.	Dec. 2001 ^p	Nov. 2001 ⁱ	Oct. 2001	Dec. 2000	
MATERIALS AND SUPPLIES											
All manufacturing industries.....	147,117	148,989	150,489	-1.3	-1.0	-0.6	146,470	149,493	150,676	162,401	-9.8
Durable goods industries.....	89,919	90,760	91,782	-0.9	-1.1	-0.7	89,464	91,527	92,010	100,979	-11.4
Wood products.....	3,589	3,647	3,658	-1.6	-0.3	-1.7	3,888	4,048	3,965	4,214	-7.7
Nonmetallic mineral products.....	3,285	3,330	3,346	-1.4	-0.5	+0.4	3,304	3,359	3,364	3,407	-3.0
Primary metals.....	6,584	6,703	6,741	-1.8	-0.6	-0.6	6,834	6,847	6,874	7,879	-13.3
Fabricated metal products.....	10,051	10,195	10,349	-1.4	-1.5	-0.3	10,106	10,104	10,269	11,349	-11.0
Machinery.....	17,731	17,766	17,708	-0.2	+0.3	-0.4	17,279	17,734	17,707	17,729	-2.5
Computers and electronic products.....	17,150	17,574	18,073	-2.4	-2.8	-2.0	16,750	17,593	17,703	21,546	-22.3
Electrical equipment, appliances, and components.....	5,479	5,533	5,715	-1.0	-3.2	-0.4	5,442	5,592	5,743	6,300	-13.6
Transportation equipment.....	16,600	16,508	16,653	+0.6	-0.9	0.0	16,500	16,737	16,867	18,532	-11.0
Furniture and related products.....	3,085	3,198	3,224	-3.5	-0.8	-2.1	3,081	3,210	3,199	3,630	-15.1
Miscellaneous products.....	6,365	6,306	6,315	+0.9	-0.1	+0.5	6,280	6,303	6,319	6,393	-1.8
Nondurable goods industries.....	57,198	58,229	58,707	-1.8	-0.8	-0.4	57,006	57,966	58,666	61,422	-7.2
Food products.....	10,206	10,317	10,337	-1.1	-0.2	-2.0	10,205	10,440	10,520	10,743	-5.0
Beverage and tobacco products.....	5,802	5,829	5,809	-0.5	+0.3	-0.1	6,009	5,672	5,720	6,012	0.0
Textiles.....	1,538	1,609	1,661	-4.4	-3.1	-2.1	1,531	1,581	1,631	1,902	-19.5
Textile products.....	1,514	1,524	1,575	-0.7	-3.2	+0.2	1,461	1,479	1,550	1,716	-14.9
Apparel.....	1,880	1,990	2,058	-5.5	-3.3	-3.4	1,900	1,949	2,042	2,518	-24.5
Leather and allied products.....	327	353	368	-7.4	-4.1	-8.0	318	341	365	416	-23.6
Paper products.....	7,399	7,425	7,392	-0.4	+0.4	-0.5	7,402	7,399	7,377	7,656	-3.3
Printing.....	2,529	2,631	2,687	-3.9	-2.1	+3.7	2,436	2,638	2,758	2,964	-17.8
Petroleum and coal products.....	3,590	3,616	3,777	-0.7	-4.3	-0.8	3,385	3,546	3,855	3,781	-10.5
Basic chemicals.....	15,456	15,853	15,630	-2.5	+0.1	+0.6	15,402	15,858	15,772	16,329	-5.7
Plastics and rubber products.....	6,957	7,082	7,213	-1.8	-1.8	0.0	6,957	7,063	7,076	7,385	-5.8
WORK IN PROCESS											
All manufacturing industries.....	131,961	132,681	135,190	-0.5	-1.9	-0.9	127,108	134,637	137,021	137,386	-7.5
Durable goods industries.....	104,476	105,221	107,235	-0.7	-1.9	-0.4	100,262	106,551	108,189	108,003	-7.2
Wood products.....	1,844	1,860	1,919	-0.9	-3.1	+0.4	1,798	1,860	1,934	2,004	-10.3
Nonmetallic mineral products.....	1,364	1,411	1,448	-3.3	-2.6	-0.8	1,297	1,322	1,362	1,488	-12.8
Primary metals.....	6,657	6,798	6,898	-2.1	-1.4	-1.1	6,588	6,761	6,847	7,756	-15.1
Fabricated metal products.....	11,249	11,332	11,368	-0.7	-0.3	-0.8	10,844	11,281	11,387	11,055	-1.9
Machinery.....	14,139	14,408	14,693	-1.9	-1.9	-0.9	13,435	14,710	14,951	14,836	-9.4
Computers and electronic products.....	17,322	17,814	18,174	-2.8	-2.0	-0.9	16,201	17,899	17,895	17,733	-8.6
Electrical equipment, appliances, and components.....	3,357	3,455	3,551	-2.8	-2.7	-1.3	3,191	3,431	3,548	3,821	-16.5
Transportation equipment.....	43,944	43,528	44,551	+1.0	-2.3	+0.4	42,502	44,665	45,583	44,627	-4.8
Furniture and related products.....	1,501	1,542	1,545	-2.7	-0.2	-1.7	1,491	1,522	1,546	1,800	-17.2
Miscellaneous products.....	3,099	3,073	3,088	+0.8	-0.5	-0.3	2,915	3,100	3,136	2,883	+1.1
Nondurable goods industries.....	27,485	27,460	27,955	+0.1	-1.8	-2.8	26,846	28,086	28,832	29,383	-8.6
Food products.....	2,440	2,484	2,493	-1.8	-0.4	+0.5	2,579	2,843	2,937	2,763	-6.7
Beverage and tobacco products.....	3,226	3,286	3,303	-1.8	-0.5	-1.4	3,412	3,536	3,571	3,574	-4.5
Textiles.....	1,508	1,525	1,545	-1.1	-1.3	-2.5	1,458	1,504	1,528	1,759	-17.1
Textile products.....	875	877	871	-0.2	+0.7	-0.5	828	880	872	897	-7.7
Apparel.....	1,634	1,669	1,694	-2.1	-1.5	-1.3	1,522	1,643	1,636	2,023	-24.8
Leather and allied products.....	159	163	171	-2.5	-4.7	-4.5	153	160	168	232	-34.1
Paper products.....	1,412	1,419	1,432	-0.5	-0.9	+0.2	1,432	1,385	1,392	1,497	-4.3
Printing.....	1,708	1,664	1,758	+2.6	-5.3	-5.8	1,413	1,677	1,874	1,621	-12.8
Petroleum and coal products.....	2,605	2,526	2,634	+3.1	-4.1	-8.4	2,398	2,561	2,712	2,754	-12.9
Basic chemicals.....	9,533	9,424	9,612	+1.2	-2.0	-3.5	9,348	9,528	9,754	9,932	-5.9
Plastics and rubber products.....	2,385	2,423	2,442	-1.6	-0.8	+0.1	2,303	2,369	2,388	2,331	-1.2
FINISHED GOODS											
All manufacturing industries.....	169,731	169,695	171,662	0.0	-1.1	-0.7	164,037	169,228	171,799	172,668	-5.0
Durable goods industries.....	89,431	89,682	90,855	-0.3	-1.3	-1.2	85,562	89,205	90,383	92,265	-7.3
Wood products.....	3,587	3,770	3,935	-4.9	-4.2	-3.0	3,388	3,589	3,755	3,940	-14.0
Nonmetallic mineral products.....	4,806	4,809	4,883	-0.1	-1.5	-2.3	4,697	4,605	4,610	5,112	-8.1
Primary metals.....	6,597	6,527	6,602	+1.1	-1.1	-0.6	6,506	6,398	6,472	7,160	-9.1
Fabricated metal products.....	11,435	11,563	11,862	-1.1	-2.5	-1.3	11,001	11,325	11,614	12,339	-10.8
Machinery.....	17,014	16,884	17,185	+0.8	-1.8	-1.6	16,582	16,949	17,024	17,366	-4.5
Computers and electronic products.....	14,834	15,546	15,708	-4.6	-1.0	-2.2	14,183	16,053	16,190	17,986	-21.1
Electrical equipment, appliances, and components.....	5,850	5,838	5,737	+0.2	+1.8	+1.0	5,550	5,726	5,646	5,370	+3.4
Transportation equipment.....	13,749	13,181	13,216	+4.3	-0.3	+0.7	12,582	13,074	13,271	11,250	+11.8
Furniture and related products.....	3,087	3,149	3,242	-2.0	-2.9	-2.0	2,904	3,110	3,235	3,345	-13.2
Miscellaneous products.....	8,472	8,415	8,485	+0.7	-0.8	-1.1	8,169	8,376	8,566	8,397	-2.7
Nondurable goods industries.....	80,300	80,013	80,807	+0.4	-1.0	-0.3	78,475	80,023	81,416	80,403	-2.4
Food products.....	16,938	16,785	16,683	+0.9	+0.6	+0.9	16,821	17,467	17,784	16,021	+5.0
Beverage and tobacco products.....	4,876	4,691	4,703	+3.9	-0.3	-1.8	4,753	4,926	4,983	4,438	+7.1
Textiles.....	3,058	3,036	3,064	+0.7	-0.9	-1.4	2,875	2,961	2,979	2,954	-2.7
Textile products.....	2,042	2,042	2,038	0.0	+0.2	-0.8	1,949	1,976	2,009	2,084	-6.5
Apparel.....	5,475	5,525	5,653	-0.9	-2.3	-2.0	5,266	5,132	5,475	5,576	-5.6
Leather and allied products.....	933	936	938	-0.3	-0.2	+2.0	876	939	952	857	+2.2
Paper products.....	6,881	6,835	6,770	+0.7	+1.0	+0.8	6,693	6,768	6,677	6,910	-3.1
Printing.....	1,693	1,700	1,709	-0.4	-0.5	-0.1	1,640	1,656	1,691	1,662	-1.3
Petroleum and coal products.....	5,541	5,576	5,684	-0.6	-1.9	-6.0	5,133	5,555	5,763	6,071	-15.5
Basic chemicals.....	25,068	25,038	25,642	+0.1	-2.4	+1.1	24,773	24,972	25,390	25,188	-1.6
Plastics and rubber products.....	7,795	7,849	7,923	-0.7	-0.9	-0.9	7,696	7,671	7,713	8,642	-10.9

^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			
	Dec 2001 ^a	Nov 2001 ^r	Oct 2001	Sep 2001	Dec 2001 ^a	Nov 2001 ^r	Oct 2001	Sep 2001
All manufacturing industries.....	1.37	1.39	1.39	1.43	(X)	(X)	(X)	(X)
Durable goods industries.....	1.57	1.59	1.61	1.67	4.25	4.30	4.31	4.37
Wood products.....	1.30	1.33	1.36	1.35	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.29	1.30	1.30	1.38	(X)	(X)	(X)	(X)
Primary metals.....	1.82	1.79	1.75	1.80	1.58	1.55	1.54	1.63
Fabricated metal products.....	1.63	1.65	1.65	1.70	2.07	2.09	2.10	2.17
Machinery.....	2.19	2.16	2.11	2.22	2.88	2.80	2.69	2.90
Computers and electronic products.....	1.46	1.53	1.57	1.61	4.31	4.40	4.41	4.47
Electrical equipment, appliances, and components.....	1.48	1.53	1.48	1.53	1.78	1.82	1.72	1.82
Transportation equipment.....	1.38	1.38	1.43	1.52	8.23	8.56	8.96	8.80
Furniture and related products.....	1.35	1.39	1.39	1.47	1.29	1.27	1.22	1.32
Miscellaneous products.....	1.91	1.89	1.88	1.90	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.13	1.14	1.13	1.15	(X)	(X)	(X)	(X)
Food products.....	0.77	0.77	0.77	0.77	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.39	1.47	1.35	1.46	(X)	(X)	(X)	(X)
Textiles.....	1.73	1.75	1.66	1.71	(X)	(X)	(X)	(X)
Textile products.....	1.55	1.56	1.58	1.60	(X)	(X)	(X)	(X)
Apparel.....	1.71	1.83	1.86	1.93	(X)	(X)	(X)	(X)
Leather and allied products.....	2.07	2.08	2.08	2.13	(X)	(X)	(X)	(X)
Paper products.....	1.27	1.25	1.20	1.23	(X)	(X)	(X)	(X)
Printing.....	0.74	0.75	0.75	0.78	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.72	0.75	0.73	0.71	(X)	(X)	(X)	(X)
Basic chemicals.....	1.47	1.45	1.47	1.50	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.16	1.19	1.19	1.21	(X)	(X)	(X)	(X)

^a 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		
	Dec ¹ 2001	Dec ² 1996- 2000	Dec 2000- Nov 2001	Dec ¹ 2001	Dec ² 1996- 2000	Dec 2000- Nov 2001	Dec ¹ 2001	Dec ² 1996- 2000	Dec 2000- Nov 2001	Dec ¹ 2001	Dec ² 1996- 2000	Dec 2000- Nov 2001
All manufacturing industries.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Durable goods industries.....	0.0	(NA)	(NA)	-0.3	(NA)	(NA)	-0.1	(NA)	(NA)	-0.2	(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)	0.1	(NA)	(NA)	0.0	(NA)	(NA)	-0.2	(NA)	(NA)
Fabricated metal products.....	-0.3	(NA)	(NA)	-0.1	(NA)	(NA)	0.1	(NA)	(NA)	-0.3	(NA)	(NA)
Machinery.....	0.1	(NA)	(NA)	-0.9	(NA)	(NA)	-0.1	(NA)	(NA)	0.0	(NA)	(NA)
Computers and electronic products.....	0.3	(NA)	(NA)	-0.4	(NA)	(NA)	-0.3	(NA)	(NA)	-0.7	(NA)	(NA)
Electrical equipment, appliances, and components.....	-0.1	(NA)	(NA)	-0.2	(NA)	(NA)	-0.1	(NA)	(NA)	0.0	(NA)	(NA)
Transportation equipment.....	0.1	(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

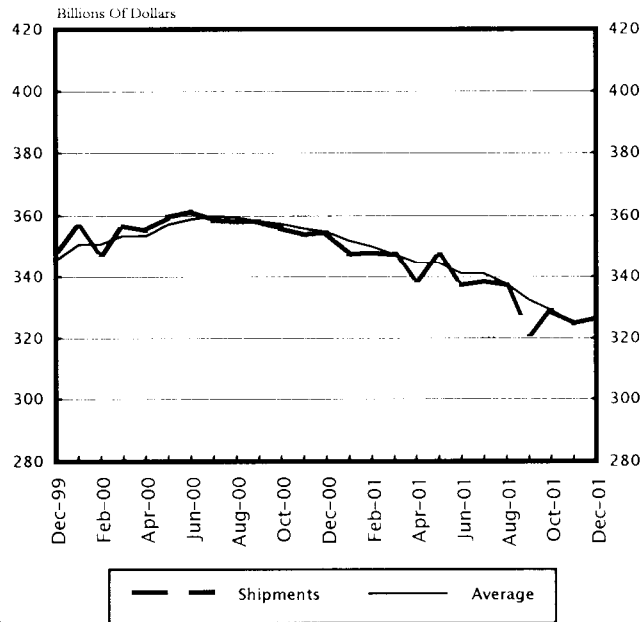
NOTE: The five year and the twelve month revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the absolute values of the differences for the months specified. The advance to final percent change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

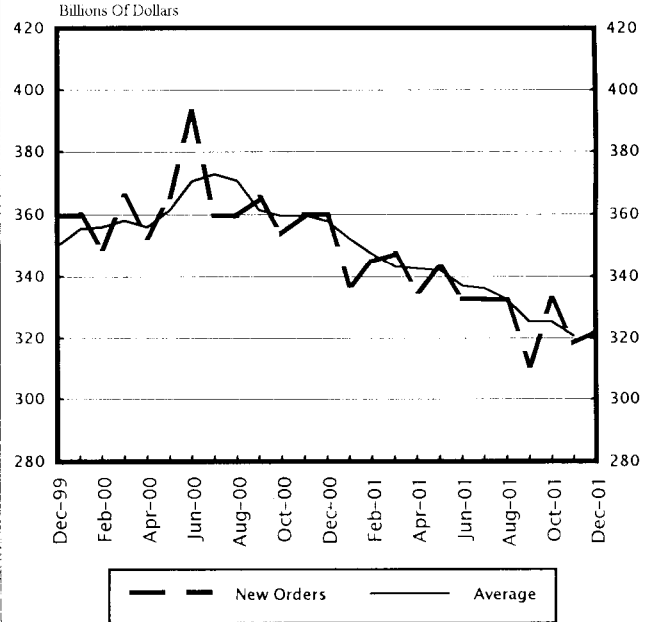
² Average revisions of the current month for the past five years.

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.

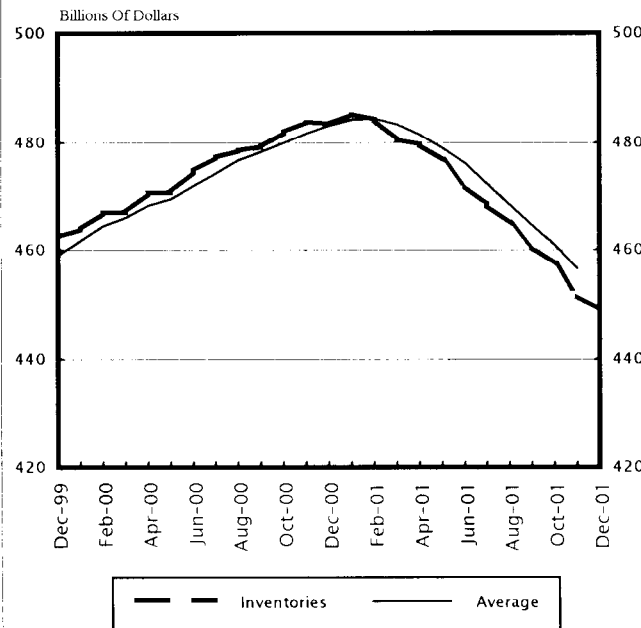
Total Manufacturing
Shipments and Three Month
Moving Average



Total Manufacturing
New Orders and Three Month
Moving Average



Total Manufacturing
Total Inventories and Three Month
Moving Average

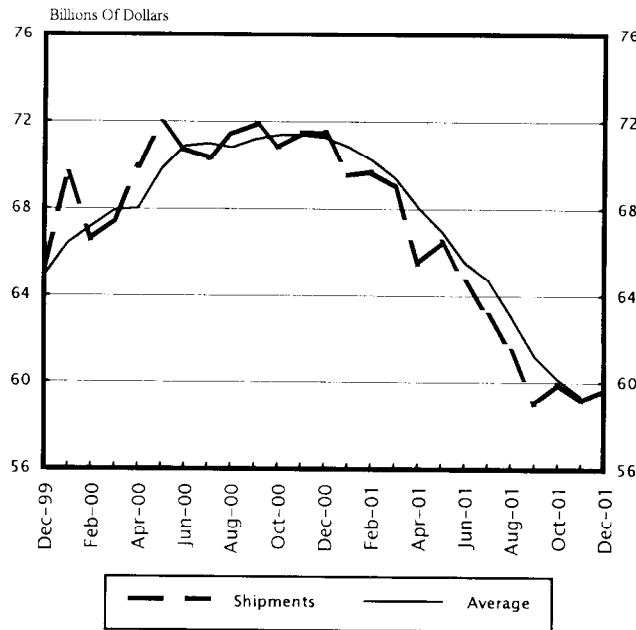


Total Manufacturing
Ratios of Unfilled Orders and Total
Inventories to Shipments

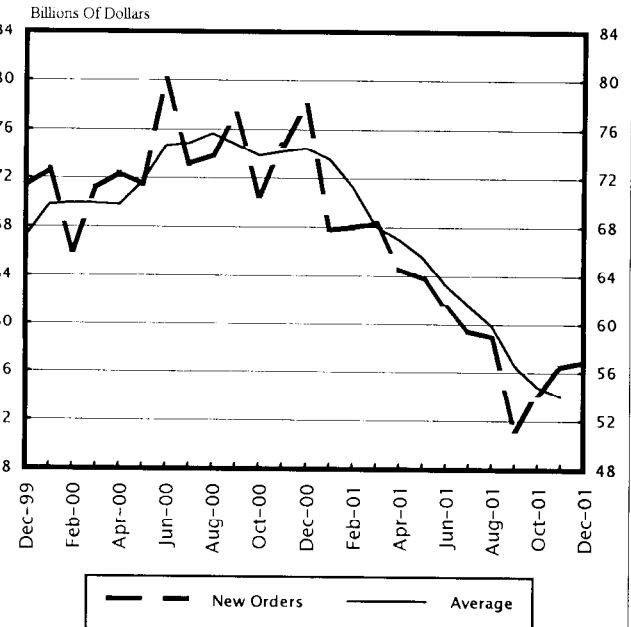


Note: All charts based on seasonally adjusted current dollars.

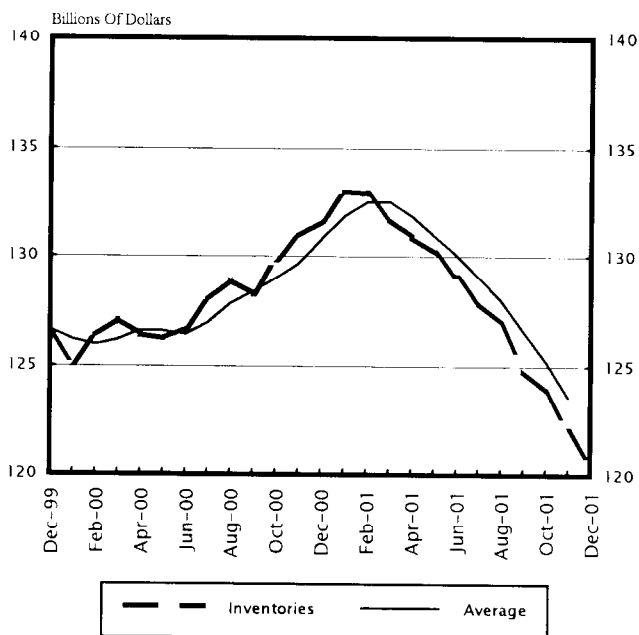
Nondefense Capital Goods
Shipments and Three Month
Moving Average



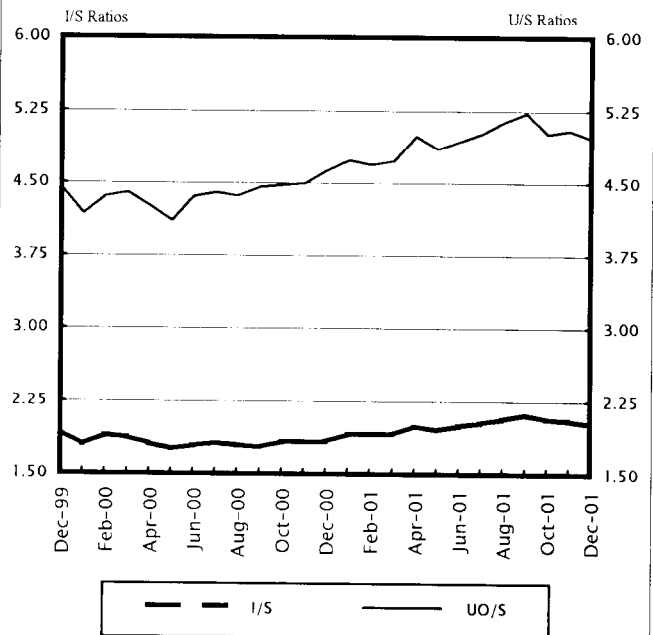
Nondefense Capital Goods
New Orders and Three Month
Moving Average



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.