

Manufacturers' Shipments, Inventories, and Orders

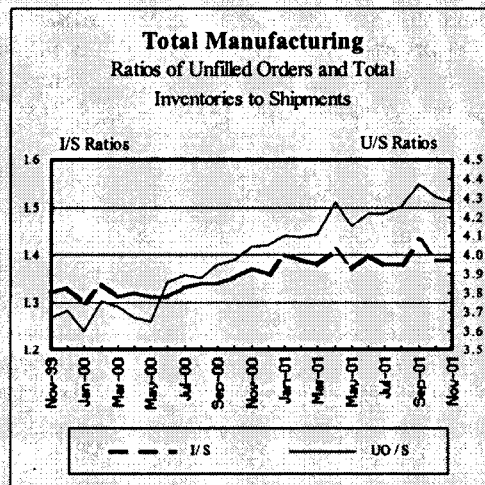
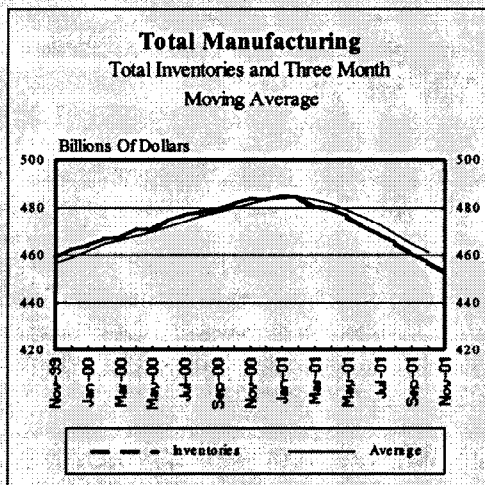
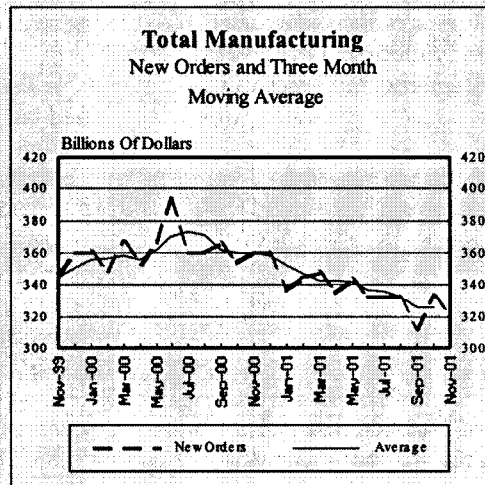
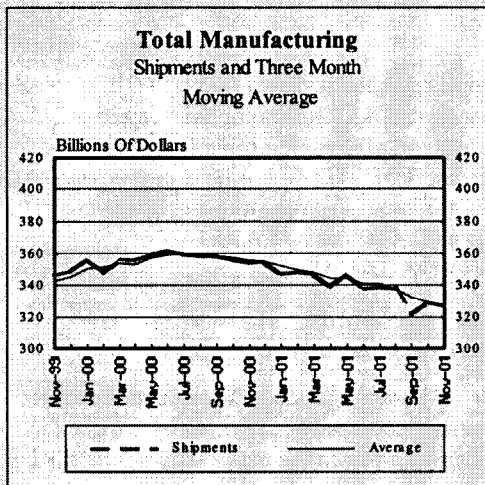
November
2001

M3-1(01)-11

Current
Industrial
Reports

For Wire Transmission 10:00 a.m. E.S.T., January 8, 2002

All figures in the text are in seasonally adjusted current dollars



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.

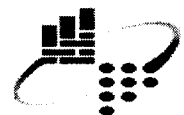
The advance report on durable good for December is scheduled for January 29, 2002 at 8:30 a.m. and the full report on February 5, 2002 at 10:00 a.m. For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

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

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Summary

New orders for manufactured goods in November decreased \$11.1 billion or 3.3 percent to \$321.7 billion, the Department of Commerce, Bureau of the Census reported today. This follows a 7.0 percent October increase and is the fifth decrease in the last six months. Year to date, new orders for 2001 are 7.9 percent below the same period a year ago.

Shipments decreased \$1.9 billion or 0.6 percent to \$327.0 billion, following a 2.3 percent October increase. Year to date, shipments for 2001 are 5.1 percent below the same period a year ago.

Unfilled orders, down ten of the last eleven months, decreased \$5.3 billion or 0.9 percent to \$551.2 billion, following a 0.7 percent October increase. The unfilled orders-to-shipments ratio was 4.28, down from 4.31 in October.

Inventories, down ten consecutive months, decreased \$4.2 billion or 0.9 percent to \$453.1 billion, following a 0.7 percent October decrease. The inventories-to-shipments ratio was 1.39, unchanged from October.

New Orders

New Orders for manufactured durable goods in November, down five of the last six months, decreased \$8.8 billion or 4.8 percent to \$175.4 billion, unrevised from the previously published 4.8 percent decrease.

Transportation equipment had the largest decrease, \$10.4 billion or 17.3 percent to \$49.7 billion, due to defense aircraft and parts. Computers and electronic products increased \$0.6 billion or 1.8 percent to \$32.5 billion. Machinery increased \$0.6 billion or 2.5 percent to \$22.7 billion, mostly due to turbines, generators, and other power transmission equipment.

New Orders for nondurable goods decreased \$2.3 billion or 1.6 percent to \$146.3 billion.

Shipments

Shipments of durable goods in November increased \$0.4 billion or 0.2 percent to \$180.7 billion, unrevised from the previously published 0.2 percent increase.

Transportation equipment had the largest increase, \$1.8 billion or 3.5 percent to \$53.7 billion. Machinery decreased \$0.5 billion or 2.0 percent to \$23.1 billion. Electrical equipment decreased \$0.4 billion or 4.2 percent to \$9.7 billion.

Shipments of nondurable goods decreased \$2.3 billion or 1.6 percent to \$146.3 billion. Beverage and tobacco products and petroleum and coal products had the largest decreases.

Unfilled Orders

Unfilled Orders for durable goods in November, down ten of the last eleven months, decreased \$5.3 billion or 0.9 percent to \$551.2 billion, unrevised from the previously published 0.9 percent decrease.

Transportation equipment, down five of the last six months, had the largest decrease, \$3.9 billion or 1.4 percent to \$282.9 billion. Computers and electronic products, down twelve consecutive months, decreased \$0.8 billion or 0.6 percent to \$126.0 billion. Fabricated metals, down ten of the last eleven months, decreased \$0.6 billion or 1.6 percent to \$39.8 billion; this is the largest decrease since November 1993.

Inventories

Inventories of durable goods in November, down ten consecutive months, decreased \$3.2 billion or 1.1 percent to \$286.7 billion, unrevised from the previously published 1.1 percent decrease.

Transportation equipment, down six of the last seven months, had the largest decrease, \$1.3 billion or 1.7 percent to \$73.1 billion. Computers and electronic products, down nine consecutive months, decreased \$0.6 billion or 1.1 percent to \$51.4 billion.

Inventories of nondurable goods, down ten consecutive months, decreased \$1.0 billion or 0.6 percent to \$166.4 billion.

By stage of fabrication, November finished goods decreased 1.0 percent in durables and 0.4 percent in nondurables. Work in process decreased 1.2 percent in durables and 1.4 percent in nondurables. Materials and supplies decreased 1.1 percent in durables and 0.5 percent in nondurables.

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted ¹						
	Monthly			Percent Change			Monthly				Percent	Year to date	
	Nov. 2001 ^p	Oct. 2001 ^r	Sept. 2001	Oct. - Nov.	Sept. - Oct.	Aug. - Sept.	Nov. 2001 ^p	Oct. 2001 ^r	Sept. 2001	Nov. 2000	Change Nov. 01/00	2001 ^p	2000
All manufacturing industries.....	326,970	328,851	321,573	-0.6	+2.3	-4.7	324,681	337,351	341,063	351,025	-7.5	3,711,404	3,929,301
Excluding transportation.....	273,300	276,985	272,837	-1.3	+1.5	-3.8	270,131	283,081	287,972	298,299	-9.4	3,138,519	3,315,838
Excluding defense.....	319,575	321,602	313,927	-0.6	+2.4	-4.9	317,038	330,217	332,632	343,969	-7.8	3,633,854	3,856,979
Durable goods industries.....	180,678	180,243	174,470	+0.2	+3.3	-6.0	178,935	183,953	188,918	196,611	-9.0	2,045,718	2,233,237
Wood products.....	6,934	6,971	7,179	-0.5	-2.9	+1.6	6,497	7,410	7,394	6,409	+1.4	77,438	82,592
Nonmetallic mineral products.....	7,301	7,428	7,116	-1.7	+4.4	-6.8	7,137	8,097	7,506	7,492	-4.7	83,392	89,625
Primary metals.....	11,310	11,547	11,309	-2.1	+2.1	-5.4	10,962	11,984	11,443	12,466	-12.1	132,174	152,115
Iron and steel mills.....	4,861	4,978	4,960	-2.4	+0.4	-3.0	4,635	5,218	4,892	5,309	-12.7	56,882	67,459
Aluminum and nonferrous metals.....	5,186	5,327	5,118	-2.6	+4.1	-7.6	5,076	5,446	5,292	5,854	-13.3	61,090	69,081
Ferrous metal foundries.....	1,263	1,242	1,231	+1.7	+0.9	-5.1	1,251	1,320	1,259	1,303	-4.0	14,202	15,575
Fabricated metal products.....	20,149	20,293	19,894	-0.7	+2.0	-3.2	19,884	21,308	20,404	20,671	-3.8	225,856	239,523
Machinery.....	23,062	23,543	22,521	-2.0	+4.5	-8.8	21,673	23,173	23,757	23,684	-8.5	266,078	273,371
Farm machinery.....	1,459	1,427	1,472	+2.2	-3.1	+1.0	1,102	1,272	1,438	888	+24.1	14,961	12,864
Construction machinery.....	1,565	1,615	1,576	-3.1	+2.5	-6.4	1,339	1,467	1,501	1,397	-4.2	18,189	19,610
Mining, oil field, and gas field machinery.....	1,084	1,057	1,066	+2.6	-0.8	-2.6	1,027	1,035	1,105	859	+19.6	11,536	9,010
Industrial machinery.....	3,199	3,170	3,202	+0.9	-1.0	-4.8	2,914	3,179	3,477	4,237	-31.2	40,169	44,985
Photographic equipment.....	1,343	1,352	1,232	-0.7	+9.7	-16.0	1,378	1,413	1,417	1,232	+11.9	14,832	13,411
Ventilation, heating, air-conditioning, and refrigeration equipment.....	2,580	2,534	2,624	+1.8	-3.4	-5.2	2,445	2,549	2,712	2,517	-2.9	29,873	30,956
Metalworking machinery.....	2,063	2,222	2,162	-7.2	+2.8	-2.4	2,269	2,401	2,563	2,964	-23.4	25,125	28,361
Turbines, generators, and other power transmission equipment.....	2,972	3,229	2,298	-8.0	+40.5	-34.5	2,822	2,990	2,673	2,590	+9.0	32,185	32,236
Material handling equipment.....	1,512	1,547	1,606	-2.3	-3.7	-0.4	1,403	1,561	1,616	1,660	-15.5	18,554	19,474
Computers and electronic products.....	33,320	33,168	32,901	+0.5	+0.8	-1.1	33,380	32,049	38,630	45,488	-26.6	399,656	485,777
Electronic computers.....	5,483	5,358	5,191	+2.3	+3.2	+6.7	5,077	5,236	5,740	7,461	-32.0	66,709	86,157
Computer storage devices.....	1,125	1,161	1,045	-3.1	+11.1	+4.2	1,001	915	1,500	1,105	-9.4	11,770	13,040
Nondefense communications equipment.....	5,567	5,663	5,841	-1.7	-3.0	-6.8	5,428	5,274	7,019	8,738	-37.9	70,915	98,264
Defense communications equipment.....	281	286	280	-1.7	+2.1	-9.4	277	266	314	255	+8.6	3,112	2,864
Audio and video equipment.....	1,005	940	852	+6.9	+10.3	-1.6	1,189	1,082	998	1,183	+0.5	9,991	10,744
Semiconductors.....	5,999	6,196	6,313	-3.2	-1.9	+5.0	6,373	6,249	7,101	9,945	-35.9	78,939	96,869
Electronic components.....	4,015	3,870	3,504	+3.7	+10.4	-13.8	4,136	3,931	4,070	6,026	-31.4	48,128	64,448
Nondefense search and navigation equipment.....	686	689	707	-0.4	-2.5	-4.8	697	638	800	918	-24.1	8,061	9,197
Defense search and navigation equipment.....	1,709	1,691	1,739	+1.1	-2.8	-0.3	1,751	1,662	1,844	1,790	-2.2	18,700	18,454
Electromedical, measuring, and control instruments.....	5,034	4,995	5,098	+0.8	-2.0	+1.9	4,927	4,657	5,980	5,144	-4.2	56,644	54,931
Electrical equipment, appliances, and components.....	9,691	10,118	9,798	-4.2	+3.3	-8.0	9,353	9,823	10,885	11,325	-17.4	117,164	122,193
Electric lighting equipment.....	1,116	1,210	1,036	-7.8	+16.8	-13.1	1,110	1,176	1,181	1,202	-7.7	12,736	12,976
Household appliances.....	2,067	2,081	1,991	-0.7	+4.5	-9.0	1,993	2,019	2,090	1,838	+8.4	22,220	21,546
Electrical equipment.....	3,008	3,053	3,036	-1.5	+0.6	+1.2	2,744	2,788	3,503	3,013	-8.9	34,374	36,009
Batteries.....	523	543	546	-3.7	-0.5	+0.2	654	608	662	702	-6.8	5,959	6,608
Transportation equipment.....	53,670	51,866	48,736	+3.5	+6.4	-9.5	54,550	54,270	53,091	52,726	+3.5	572,885	613,463
Automobiles.....	8,265	8,148	6,803	+1.4	+19.8	-23.1	8,485	9,356	7,630	8,204	+3.4	88,292	97,436
Light trucks and utility vehicles.....	11,446	10,772	9,311	+6.3	+15.7	-19.4	11,687	11,862	10,413	10,846	+7.8	120,046	131,066
Heavy duty trucks.....	893	946	954	-5.6	-0.8	-6.6	845	1,085	944	1,111	-23.9	11,347	16,960
Motor vehicle bodies, parts, and trailers.....	16,682	16,256	15,302	+2.6	+6.2	-7.8	16,794	17,504	15,859	16,686	+0.6	183,452	205,569
Nondefense aircraft and parts.....	8,555	8,117	8,301	+5.4	-2.2	+3.2	8,715	6,955	9,090	8,581	+1.6	88,386	84,033
Defense aircraft and parts.....	2,801	2,456	2,885	+14.0	-14.9	+6.2	2,982	2,354	3,255	2,331	+27.9	27,016	23,829
Ships and boats.....	1,815	1,785	1,672	+1.7	+6.8	-3.4	1,749	1,812	1,868	1,768	-1.1	18,943	19,317
Furniture and related products.....	5,716	5,774	5,547	-1.0	+4.1	-8.1	5,670	5,981	5,915	6,403	-11.4	65,756	71,531
Miscellaneous durable goods.....	9,525	9,535	9,469	-0.1	+0.7	-3.5	9,829	9,858	9,893	9,947	-1.2	105,319	103,047
Nondurable goods industries.....	146,292	148,608	147,103	-1.6	+1.0	-3.2	145,746	153,398	152,145	154,414	-5.6	1,665,686	1,696,064
Food products.....	38,599	38,556	38,161	+0.1	+1.0	-1.7	39,827	40,145	39,814	38,110	+4.5	419,799	401,503
Grain and oilseed milling.....	4,160	4,201	4,045	-1.0	+3.9	-3.8	4,358	4,404	3,982	4,169	+4.5	45,439	43,004
Dairy products.....	5,781	5,870	5,775	-1.5	+1.6	-4.0	6,032	5,708	6,045	5,333	+13.1	62,375	55,735
Meat, poultry, and seafood products.....	11,704	11,546	11,393	+1.4	+1.3	-0.7	11,893	11,714	11,681	11,045	+7.7	125,851	118,615
Beverage and tobacco products.....	9,332	10,233	9,588	-8.8	+6.7	-5.8	9,141	10,412	9,517	9,419	-3.0	107,776	103,476
Beverages.....	5,819	5,772	5,617	+0.8	+2.8	-3.2	5,610	5,767	5,784	5,318	+5.5	62,786	60,075
Tobacco.....	3,513	4,461	3,971	-21.3	+12.3	-9.3	3,531	4,645	3,733	4,101	-13.9	44,990	43,401
Textile mills.....	3,588	3,770	3,729	-4.8	+1.1	-2.9	3,501	3,857	4,104	4,155	-15.7	43,004	49,361
Textile products.....	2,865	2,833	2,813	+1.1	+0.7	-0.1	2,781	2,851	2,948	2,569	+8.3	31,080	30,604
Apparel.....	5,021	5,063	4,975	-0.8	+1.8	-2.7	5,038	5,775	5,455	5,468	-7.9	58,185	60,664
Leather and allied products.....	715	710	704	+0.7	+0.9	-1.7	744	764	712	848	-12.3	8,123	8,874
Paper products.....	12,757	13,013	12,695	-2.0	+2.5	-2.6	12,650	13,403	12,783	13,807	-8.4	145,323	156,716
Pulp, paper, and paperboard mills.....	5,924	6,062	5,767	-2.3	+5.1	-3.6	5,872	6,234	5,733	6,359	-7.7	67,146	72,933
Paperboard containers.....	3,851	3,962	3,928	-2.8	+0.9	-2.0	3,799	4,148	3,925	4,230	-10.2	44,467	48,875
Printing.....	8,017	8,178	7,908	-2.0	+3.4	-5.6	8,544	8,787	8,386	9,227	-7.4	91,450	96,533
Petroleum and coal products.....	16,056	16,655	18,010	-3.6	-7.5	-2.4	16,091	17,474	18,925	20,781	-22.6	203,433	213,388
Petroleum refineries.....	14,472	15,040	16,349	-3.8	-8.0	-2.4	14,595	15,652	17,033	18,896	-22.8	183,379	191,994
Basic chemicals.....	34,643	34,821	33,955	-0.5	+2.6	-4.5	33,293	34,511	34,705	35,610	-6.5	392,854	405,838
Pesticides, fertilizers, and other agricultural chemicals.....	1,808	1,687	1,683	+7.2	+0.2	+1.0	1,217	1,166	1,093	1,105	+10.1	19,559	19,112
Pharmaceuticals and medicines.....	9,802	9,788	9,693	+0.1	+1.0	-2.2	9,850	9,918	10,230	10,601	-7.1	108,786	110,549
Paints, coatings, and adhesives.....	2,502	2,514	2,462	-0.5	+2.1	-3.1	2,264	2,415	2,350	2,295	-1.4	27,808	27,563
Plastics and rubber products.....	14,699	14,776	14,565	-0.5	+1.4	-2.8	14,136	15,419	14,796	14,420	-2.0	164,659	169,107

^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 Nov. 01/00	Year to date	
	Nov. 2001 ^p	Oct. 2001 ^r	Sept. 2001	Oct. - Nov.	Sept. - Oct.	Aug. - Sept.	Nov. 2001 ^p	Oct. 2001 ^r	Sept. 2001	Nov. 2000		2001 ^p	2000
All manufacturing industries.....	321,697	332,772	310,982	-3.3	+7.0	-6.5	317,310	339,356	330,044	353,560	-10.3	3,660,564	3,990,810
Excluding transportation.....	271,953	272,634	267,708	-0.2	+1.8	-4.6	267,773	278,810	281,952	296,069	-9.6	3,094,861	3,345,292
Excluding defense.....	315,091	312,664	303,758	+0.8	+2.9	-6.8	310,931	320,409	322,881	344,728	9.8	3,575,691	3,894,728
Durable goods industries.....	175,405	184,164	163,879	-4.8	+12.4	-9.2	171,564	185,958	177,899	199,146	-13.9	1,994,878	2,294,746
Primary metals.....	11,044	10,863	11,094	+1.7	-2.1	-5.8	10,649	10,844	10,793	12,221	-12.9	129,660	149,408
Iron and steel mills.....	4,722	4,567	4,967	+3.4	-8.1	-0.5	4,515	4,487	4,704	5,110	-11.6	55,568	65,313
Aluminum and nonferrous metals.....	5,081	5,069	4,912	+0.2	+3.2	-9.6	4,916	5,050	4,905	5,770	-14.8	59,944	68,412
Ferrous metal foundries.....	1,241	1,227	1,215	+1.1	+1.0	-10.2	1,218	1,307	1,184	1,341	-9.2	14,148	15,683
Fabricated metal products.....	19,504	19,734	19,302	-1.2	+2.2	-4.4	19,075	20,185	19,374	20,370	-6.4	222,287	239,922
Machinery.....	22,728	22,163	22,256	+2.5	-0.4	-7.4	21,487	21,719	23,635	23,514	-8.6	260,134	280,924
Construction machinery.....	1,482	1,468	1,525	+1.0	-3.7	-13.4	1,353	1,391	1,381	1,454	-6.9	17,557	18,484
Mining, oil field, and gas field machinery.....	1,078	995	1,201	+8.3	-17.2	+4.4	1,004	961	1,272	848	+18.4	11,884	9,009
Industrial machinery.....	3,137	3,109	2,849	+0.9	+9.1	-10.1	2,936	3,351	2,811	3,990	-26.4	37,159	49,075
Photographic equipment.....	1,351	1,349	1,203	+0.1	+12.1	-17.5	1,393	1,416	1,373	1,250	+11.4	14,739	13,301
Ventilation, heating, air-conditioning, and refrigeration equipment.....	2,529	2,508	2,425	+0.8	+3.4	-13.9	2,391	2,368	2,447	2,398	-0.3	29,563	31,053
Metalworking machinery.....	1,925	2,128	1,891	-9.5	+12.5	-6.3	2,156	2,307	2,236	2,877	-25.1	23,903	27,763
Turbines, generators, and other power transmission equipment.....	2,942	2,380	2,810	+23.6	-15.3	-8.8	2,871	2,014	3,693	3,217	-10.8	32,440	36,668
Material handling equipment.....	1,536	1,442	1,659	+6.5	-13.1	-1.7	1,351	1,401	1,711	1,481	-8.8	18,167	19,948
Computers and electronic products.....	32,513	31,924	29,305	+1.8	+8.9	-8.5	31,856	31,591	35,295	43,602	-26.9	373,310	505,856
Electronic computers.....	5,829	5,657	4,284	+3.0	+32.0	-13.0	5,831	5,480	4,612	8,002	-27.1	66,745	86,989
Nondefense communications equipment.....	5,225	5,222	3,448	+0.1	+51.5	-39.8	5,151	5,054	5,463	8,837	-41.7	62,679	105,868
Defense communications equipment.....	221	192	197	+15.1	-2.5	-0.5	223	216	297	351	-36.5	2,842	3,103
Semiconductors.....	5,645	5,520	6,630	+2.3	-16.7	+17.1	5,142	6,468	7,322	7,524	-31.7	68,131	100,604
Electronic components.....	3,765	3,657	3,323	+3.0	+10.1	-6.9	3,663	3,695	3,835	5,481	-33.2	43,505	69,861
Nondefense search and navigation equipment.....	612	585	621	+4.6	-5.8	-13.0	594	529	678	766	-22.5	7,125	8,555
Defense search and navigation equipment.....	1,452	1,532	1,805	-5.2	-15.1	+3.2	1,462	1,205	1,818	2,317	-36.9	17,119	19,721
Electromedical, measuring, and control instruments.....	5,218	5,139	4,769	+1.5	+7.8	-8.7	5,076	4,808	5,508	5,113	-0.7	56,716	56,562
Electrical equipment, appliances, and components.....	9,995	9,753	9,334	+2.5	+4.5	-10.4	9,744	9,601	10,129	11,603	-16.0	114,425	124,299
Electric lighting equipment.....	1,115	1,187	958	-6.1	+23.9	-22.5	1,047	1,166	999	1,166	-10.2	12,674	12,960
Household appliances.....	2,157	2,032	1,934	+6.2	+5.1	-12.5	2,262	1,902	2,040	2,116	+6.9	22,199	21,731
Electrical equipment.....	3,173	2,913	3,094	+8.9	-5.9	+2.7	3,001	2,831	3,388	3,395	-11.6	34,404	37,317
Transportation equipment.....	49,744	60,138	43,274	-17.3	+39.0	-16.3	49,537	60,546	48,092	57,491	-13.8	565,703	645,518
Motor vehicle bodies, parts, and trailers.....	16,716	15,896	15,077	+5.2	+5.4	-8.1	16,908	17,084	15,521	16,888	+0.1	181,642	202,520
Nondefense aircraft and parts.....	5,348	4,562	3,619	+17.2	+26.1	-48.9	4,838	2,295	6,032	11,613	-58.3	74,539	95,165
Defense aircraft and parts.....	2,688	15,298	2,586	-82.4	491.6	+38.9	2,382	14,368	2,606	2,499	-4.7	37,586	33,018
Ships and boats.....	1,610	1,537	1,504	+4.7	+2.2	-22.6	1,432	1,695	1,596	2,103	-31.9	20,836	20,646
Furniture and related products.....	5,835	5,569	5,394	+4.8	+3.2	-8.2	5,760	5,772	5,749	6,130	-6.0	65,226	71,771

^p Preliminary

^r Revised

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

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

Note: Estimates of manufacturers' shipments, inventories and orders are subject to survey error and revision. One major component of survey error is nonsampling error, which includes errors of coverage, response, and nonreporting. Since the survey panel is not a probability sample, estimates of sampling error cannot be calculated. Further details on survey design, methodology, and data limitations are contained in our most recent annual benchmark publication, Current Industrial Reports: M3-1(00), "Manufacturers' Shipments, Inventories, and Orders: 1992-2000."

Table 3. VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS
(Millions of Dollars)

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Nov. 01/00
	Nov. 2001 ^p	Oct. 2001 ^r	Sept. 2001	Oct. - Nov.	Sept. - Oct.	Aug. - Sept.	Nov. 2001 ^p	Oct. 2001 ^r	Sept. 2001	Nov. 2000	
All manufacturing industries.....	551,229	556,502	552,581	-0.9	+0.7	-1.9	541,174	548,545	546,540	584,723	-7.4
Excluding transportation.....	268,330	269,677	274,028	-0.5	-1.6	-1.8	264,824	267,182	271,453	313,100	-15.4
Excluding defense.....	398,390	402,874	411,812	-1.1	-2.2	-2.4	393,257	399,364	409,172	445,852	-11.8
Durable goods industries.....	551,229	556,502	552,581	-0.9	+0.7	-1.9	541,174	548,545	546,540	584,723	-7.4
Primary metals.....	17,469	17,735	18,419	-1.5	-3.7	-1.2	16,440	16,753	17,893	18,679	-12.0
Iron and steel mills.....	8,381	8,520	8,931	-1.6	-4.6	+0.1	7,787	7,907	8,638	9,014	-13.6
Aluminum and nonferrous metals.....	6,828	6,933	7,191	-1.5	-3.6	-2.8	6,473	6,633	7,029	7,557	-14.3
Ferrous metal foundries.....	2,260	2,282	2,297	-1.0	-0.7	-0.7	2,180	2,213	2,226	2,108	+3.4
Fabricated metal products.....	39,823	40,468	41,027	-1.6	-1.4	-1.4	39,072	39,881	41,004	42,594	-8.3
Machinery.....	57,606	57,940	59,320	-0.6	-2.3	-0.4	57,338	57,524	58,978	64,302	-10.8
Construction machinery.....	2,042	2,125	2,272	-3.9	-6.5	-2.2	1,964	1,950	2,026	2,616	-24.9
Mining, oil field, and gas field machinery.....	1,729	1,735	1,797	-0.3	-3.5	+8.1	1,715	1,738	1,812	1,429	+20.0
Industrial machinery.....	9,722	9,784	9,845	-0.6	-0.6	-3.5	9,791	9,769	9,597	13,954	-29.8
Photographic equipment.....	829	821	824	+1.0	-0.4	-3.4	840	825	822	750	+12.0
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,522	4,573	4,599	-1.1	-0.6	-4.1	4,313	4,367	4,548	4,729	-8.8
Metalworking machinery.....	4,151	4,289	4,383	-3.2	-2.1	-5.8	4,148	4,261	4,355	5,763	-28.0
Turbines, generators, and other power transmission equipment.....	19,595	19,625	20,474	-0.2	-4.1	+2.6	19,870	19,821	20,797	18,952	+4.8
Material handling equipment.....	6,012	5,988	6,093	+0.4	-1.7	+0.9	5,746	5,798	5,958	5,898	-2.6
Computers and electronic products.....	126,027	126,834	128,078	-0.6	-1.0	-2.7	124,706	126,230	126,688	154,143	-19.1
Electronic computers.....	9,850	9,504	9,205	+3.6	+3.2	-9.0	10,244	9,490	9,246	10,693	-4.2
Nondefense communications equipment.....	38,455	38,797	39,238	-0.9	-1.1	-5.7	38,027	38,304	38,524	46,954	-19.0
Defense communications equipment.....	2,269	2,329	2,423	-2.6	-3.9	-3.3	2,285	2,339	2,389	2,512	-9.0
Semiconductors.....	14,439	14,793	15,469	-2.4	-4.4	+2.1	14,522	15,753	15,534	27,408	-47.0
Electronic components.....	15,545	15,795	16,008	-1.6	-1.3	-1.1	15,421	15,894	16,130	20,383	-24.3
Nondefense search and navigation equipment.....	4,266	4,340	4,444	-1.7	-2.3	-1.9	4,158	4,261	4,370	5,248	-20.8
Defense search and navigation equipment.....	29,394	29,651	29,810	-0.9	-0.5	+0.2	28,423	28,712	29,169	29,462	-3.5
Electromedical, measuring, and control instruments.....	11,809	11,625	11,481	+1.6	+1.3	-2.8	11,626	11,477	11,326	11,483	+1.2
Electrical equipment, appliances, and components.....	16,804	16,500	16,865	+1.8	-2.2	-2.7	16,640	16,249	16,471	19,489	-14.6
Electric lighting equipment.....	1,582	1,583	1,606	-0.1	-1.4	-4.6	1,495	1,558	1,568	1,477	+1.2
Household appliances.....	1,235	1,145	1,194	+7.9	-4.1	-4.6	1,238	969	1,086	1,168	+6.0
Electrical equipment.....	10,012	9,847	9,987	+1.7	-1.4	+0.6	10,083	9,826	9,783	10,083	0.0
Transportation equipment.....	282,899	286,825	278,553	-1.4	+3.0	-1.9	276,350	281,363	275,087	271,623	+1.7
Motor vehicle bodies, parts, and trailers.....	12,043	12,009	12,369	+0.3	-2.9	-1.8	11,584	11,470	11,890	13,320	-13.0
Nondefense aircraft and parts.....	137,571	140,778	144,333	-2.3	-2.5	-3.1	135,884	139,761	144,421	138,620	-2.0
Defense aircraft and parts.....	57,608	57,721	44,879	-0.2	+28.6	-0.7	55,465	56,065	44,051	44,192	+25.5
Ships and boats.....	22,219	22,424	22,672	-0.9	-1.1	-0.7	21,449	21,766	21,883	19,531	+9.8
Furniture and related products.....	6,369	6,250	6,455	+1.9	-3.2	-2.3	6,525	6,435	6,644	7,645	-14.7

^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
	Nov. 2001 ^P	Oct. 2001 ^I	Sept. 2001	Oct. - Nov.	Sept. - Oct.	Aug. - Sept.	Nov. 2001 ^P	Oct. 2001 ^I	Sept. 2001	Nov. 2000	Nov. 01/00
All manufacturing industries.....	453,111	457,341	460,645	-0.9	-0.7	-0.9	454,024	459,496	458,762	486,416	-6.7
Excluding transportation.....	379,988	382,921	386,487	-0.8	-0.9	-1.1	379,683	383,775	383,954	406,990	-6.7
Excluding defense.....	431,380	435,774	439,352	-1.0	-0.8	-0.9	432,115	437,698	436,940	462,535	-6.6
Durable goods industries.....	286,661	289,872	291,942	-1.1	-0.7	-1.2	287,503	290,582	290,120	311,399	-7.7
Wood products.....	9,405	9,512	9,689	-1.1	-1.8	-0.7	9,566	9,654	9,661	10,285	-7.0
Nonmetallic mineral products.....	9,574	9,677	9,790	-1.1	-1.2	-0.2	9,282	9,336	9,559	9,694	-4.3
Primary metals.....	20,024	20,241	20,402	-1.1	-0.8	-0.8	19,985	20,193	20,379	22,796	-12.3
Iron and steel mills.....	10,861	10,991	11,148	-1.2	-1.4	-0.6	10,920	11,069	11,252	12,579	-13.2
Aluminum and nonferrous metals.....	7,321	7,392	7,419	-1.0	-0.4	-1.3	7,271	7,311	7,339	8,462	-14.1
Ferrous metal foundries.....	1,842	1,858	1,835	-0.9	+1.3	+0.3	1,794	1,813	1,788	1,755	+2.2
Fabricated metal products.....	33,197	33,579	33,845	-1.1	-0.8	-0.5	32,724	33,270	33,517	35,181	-7.0
Machinery.....	49,232	49,586	50,072	-0.7	-1.0	-0.4	49,444	49,682	49,459	51,129	-3.3
Farm machinery.....	2,050	2,066	2,107	-0.8	-1.9	-2.1	2,012	1,937	2,007	2,127	-5.4
Construction machinery.....	3,934	3,887	3,878	+1.2	+0.2	0.0	3,952	3,867	3,799	3,778	+4.6
Mining, oil field, and gas field machinery.....	2,807	2,816	2,826	-0.3	-0.4	+1.2	2,798	2,838	2,874	2,599	+7.7
Industrial machinery.....	8,535	8,540	8,653	-0.1	-1.3	-1.6	8,561	8,487	8,465	9,268	-7.6
Photographic equipment.....	2,419	2,412	2,408	+0.3	+0.2	+2.5	2,433	2,470	2,378	2,321	+4.8
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,510	4,595	4,589	-1.8	+0.1	-3.1	4,451	4,552	4,544	4,534	-1.8
Metalworking machinery.....	5,653	5,774	5,931	-2.1	-2.6	-1.1	5,595	5,854	5,985	5,888	-5.0
Turbines, generators, and other power transmission equipment.....	5,578	5,650	5,756	-1.3	-1.8	+4.5	5,825	5,815	5,697	5,823	0.0
Material handling equipment.....	2,479	2,542	2,581	-2.5	-1.5	-0.4	2,440	2,496	2,476	2,531	-3.6
Computers and electronic products.....	51,402	51,955	52,833	-1.1	-1.7	-4.5	51,637	51,788	51,935	59,964	-13.9
Electronic computers.....	3,039	3,139	3,167	-3.2	-0.9	-3.3	3,162	3,101	3,134	3,890	-18.7
Computer storage devices.....	1,628	1,593	1,623	+2.2	-1.8	-1.0	1,679	1,534	1,452	1,798	-6.6
Nondefense communications equipment.....	8,986	8,820	9,163	+1.9	-3.7	-10.7	9,191	8,810	9,054	12,739	-27.9
Defense communications equipment.....	577	526	610	+9.7	-13.8	+4.1	575	528	616	502	+14.5
Audio and video equipment.....	1,059	1,084	1,076	-2.3	+0.7	+2.8	1,085	1,171	1,130	1,138	-4.7
Semiconductors.....	7,429	7,540	7,773	-1.5	-3.0	-2.3	7,347	7,418	7,434	7,955	-7.6
Electronic components.....	7,939	8,281	8,602	-4.1	-3.7	-4.8	7,930	8,336	8,647	10,065	-21.2
Nondefense search and navigation equipment.....	2,778	2,761	2,713	+0.6	+1.8	-0.6	2,797	2,764	2,691	2,694	+3.8
Defense search and navigation equipment.....	3,241	3,242	3,214	0.0	+0.9	+0.5	3,240	3,251	3,240	3,106	+4.3
Electromedical, measuring and control instruments.....	10,843	10,886	10,906	-0.4	-0.2	-4.4	10,711	10,778	10,673	11,499	-6.9
Electrical equipment, appliances, and components.....	14,894	15,003	15,017	-0.7	-0.1	-0.9	14,790	14,937	14,615	15,598	-5.2
Electric lighting equipment.....	1,695	1,692	1,703	+0.2	-0.6	-0.5	1,698	1,704	1,678	1,816	-6.5
Household appliances.....	2,555	2,494	2,457	+2.4	+1.5	+1.0	2,464	2,434	2,315	2,426	+1.6
Electrical equipment.....	4,836	4,871	4,779	-0.7	+1.9	-0.7	4,941	4,927	4,675	4,897	+0.9
Batteries.....	795	799	791	-0.5	+1.0	-0.9	773	810	794	854	-9.5
Transportation equipment.....	73,123	74,420	74,158	-1.7	+0.4	0.0	74,341	75,721	74,808	79,426	-6.4
Automobiles.....	1,695	1,823	1,995	-7.0	-8.6	-5.2	1,687	1,810	2,038	2,202	-23.4
Light trucks and utility vehicles.....	1,555	1,746	1,739	-10.9	+0.4	+0.1	1,587	1,767	1,770	1,859	-14.6
Heavy duty trucks.....	870	884	906	-1.6	-2.4	-4.8	873	888	915	1,074	-18.7
Motor vehicle bodies, parts, and trailers.....	15,866	16,368	16,446	-3.1	-0.5	+0.2	15,930	16,467	16,374	17,922	-11.1
Nondefense aircraft and parts.....	31,282	31,876	31,711	-1.9	+0.5	+1.3	32,219	32,828	31,973	32,499	-0.9
Defense aircraft and parts.....	9,847	9,811	9,551	+0.4	+2.7	-3.3	9,933	9,931	9,757	11,670	-14.9
Ships and boats.....	2,310	2,281	2,316	+1.3	-1.5	+2.3	2,324	2,253	2,303	2,277	+2.1
Furniture and related products.....	7,927	8,011	8,173	-1.0	-2.0	-0.5	7,848	7,980	8,137	9,034	-13.1
Miscellaneous durable goods.....	17,883	17,888	17,963	0.0	-0.4	-0.7	17,886	18,021	18,050	18,292	-2.2
Nondurable goods industries.....	166,450	167,469	168,703	-0.6	-0.7	-0.5	166,521	168,914	168,642	175,017	-4.9
Food products.....	29,612	29,513	29,568	+0.3	-0.2	-1.1	30,785	31,241	30,011	30,638	+0.5
Grain and oilseed milling.....	3,258	3,167	3,236	+2.9	-2.1	-1.3	3,442	3,386	3,084	3,594	-4.2
Dairy products.....	3,084	3,121	3,152	-1.2	-1.0	+3.5	2,960	3,150	3,169	2,882	+2.7
Meat, poultry, and seafood products.....	6,042	6,027	5,890	+0.2	+2.3	+0.8	6,095	6,187	5,907	5,608	+8.7
Beverage and tobacco products.....	13,817	13,815	13,955	0.0	-1.0	-0.5	14,169	14,274	14,077	14,334	-1.2
Beverages.....	8,326	8,350	8,380	-0.3	-0.4	+0.7	8,448	8,611	8,542	8,228	+2.7
Tobacco.....	5,491	5,465	5,575	+0.5	-2.0	-2.2	5,721	5,663	5,535	6,106	-6.3
Textile mills.....	6,195	6,270	6,390	-1.2	-1.9	-0.9	6,060	6,138	6,229	6,797	-10.8
Textile products.....	4,440	4,484	4,501	-1.0	-0.4	-0.7	4,330	4,431	4,488	4,798	-9.8
Apparel.....	9,267	9,405	9,615	-1.5	-2.2	-1.8	8,792	9,153	9,637	9,931	-11.5
Leather and allied products.....	1,459	1,477	1,499	-1.2	-1.5	-0.3	1,436	1,485	1,529	1,603	-10.4
Paper products.....	15,627	15,594	15,571	+0.2	+0.1	+0.7	15,489	15,446	15,494	16,167	-4.2
Pulp, paper, and paperboard mills.....	6,894	6,914	6,907	-0.3	+0.1	+0.8	6,787	6,799	6,828	7,096	-4.4
Paperboard containers.....	4,360	4,354	4,359	+0.1	-0.1	+0.6	4,337	4,363	4,395	4,653	-6.8
Printing.....	6,027	6,154	6,166	-2.1	-0.2	-3.8	5,988	6,323	6,412	6,900	-13.2
Petroleum and coal products.....	11,689	12,095	12,730	-3.4	-5.0	-1.0	11,646	12,330	13,047	13,791	-15.6
Petroleum refineries.....	9,915	10,278	10,930	-3.5	-6.0	-2.1	9,923	10,528	11,266	11,982	-17.2
Basic chemicals.....	50,712	51,084	51,061	-0.7	0.0	+0.3	50,618	50,916	50,449	51,952	-2.6
Pesticides, fertilizers, and other agricultural chemicals.....	2,720	2,731	2,801	-0.4	-2.5	-1.4	2,675	2,543	2,523	2,770	-3.4
Pharmaceuticals and medicines.....	17,960	18,100	18,107	-0.8	0.0	+1.6	18,260	18,429	18,087	18,147	+0.6
Paints, coatings, and adhesives.....	3,220	3,262	3,254	-1.3	+0.2	-0.6	3,092	3,193	3,176	3,104	-0.4
Plastics and rubber products.....	17,605	17,578	17,647	+0.2	-0.4	-0.4	17,208	17,177	17,269	18,106	-5.0

^P Preliminary^I 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 Nov. 01/00	Year to date	
	Nov. 2001 ^p	Oct. 2001 ^r	Sept. 2001	Oct. - Nov.	Sept. - Oct.	Aug. - Sept.	Nov. 2001 ^p	Oct. 2001 ^r	Sept. 2001	Nov. 2000		2001 ^p	2000
SHIPMENTS													
All manufacturing industries.....	326,970	328,851	321,573	-0.6	+2.3	-4.7	324,681	337,351	341,063	351,025	-7.5	3,711,404	3,929,301
Construction materials and supplies.....	32,349	32,787	32,322	-1.3	+1.4	-3.1	31,227	34,728	33,386	32,471	-3.8	366,348	389,126
Information technology.....	27,626	27,685	27,505	-0.2	+0.7	-3.1	27,101	26,514	32,325	35,319	-23.3	329,296	382,925
Capital goods.....	65,958	66,393	65,471	-0.7	+1.4	-3.9	64,083	63,813	72,695	74,751	-14.3	759,880	826,272
Nondefense capital goods ³	59,607	59,956	58,978	-0.6	+1.7	-4.1	57,499	57,492	65,565	68,558	-16.1	692,146	763,182
Excluding aircraft.....	54,784	55,665	54,520	-1.6	+2.1	-4.9	52,446	54,008	61,077	63,471	-17.4	644,312	714,254
Defense capital goods ⁴	6,351	6,437	6,493	-1.3	-0.9	-2.4	6,584	6,321	7,130	6,193	+6.3	67,734	63,090
Consumer goods.....	125,204	125,951	122,716	-0.6	+2.6	-5.7	126,929	132,277	128,921	131,649	-3.6	1,404,139	1,434,348
Consumer durable goods.....	34,948	34,095	31,015	+2.5	+9.9	-14.1	35,559	36,919	33,707	35,176	+1.1	377,554	409,091
Consumer nondurable goods.....	90,256	91,856	91,701	-1.7	+0.2	-2.4	91,370	95,358	95,214	96,473	-5.3	1,026,585	1,025,257
NEW ORDERS													
All manufacturing industries.....	321,697	332,772	310,982	-3.3	+7.0	-6.5	317,310	339,356	330,044	353,560	-10.3	3,660,564	3,990,810
Construction materials and supplies.....	31,936	32,102	31,705	-0.5	+1.3	-4.1	30,504	33,638	32,383	32,142	-5.1	362,595	390,300
Information technology.....	27,481	27,174	23,357	+1.1	+16.3	-15.5	27,224	25,938	28,551	36,071	-24.5	315,602	394,375
Capital goods.....	62,754	73,402	57,282	-14.5	+28.1	-11.5	60,320	69,390	65,605	78,771	-23.4	732,036	876,491
Nondefense capital goods ³	56,966	54,251	51,267	+5.0	+5.8	-13.0	54,563	50,949	59,560	71,162	-23.3	658,121	793,822
Excluding aircraft.....	54,832	53,120	50,182	+3.2	+5.9	-9.9	52,869	51,730	56,821	63,443	-16.7	625,646	734,052
Defense capital goods ⁴	5,788	19,151	6,015	-69.8	218.4	+3.7	5,757	18,441	6,045	7,609	-24.3	73,915	82,669
Consumer goods.....	125,627	126,025	122,818	-0.3	+2.6	-5.7	127,281	132,504	128,850	132,223	-3.7	1,402,284	1,435,963
Consumer durable goods.....	35,371	34,169	31,117	+3.5	+9.8	-14.1	35,911	37,146	33,636	35,750	+0.5	375,699	410,706
UNFILLED ORDERS													
All manufacturing industries.....	551,229	556,502	552,581	-0.9	+0.7	-1.9	541,174	548,545	546,540	584,723	-7.4	(X)	(X)
Construction materials and supplies.....	33,007	33,420	34,105	-1.2	-2.0	-1.8	32,315	33,038	34,128	36,032	-10.3	(X)	(X)
Information technology.....	100,847	100,992	101,503	-0.1	-0.5	-3.9	99,427	99,304	99,880	113,863	-12.7	(X)	(X)
Capital goods.....	384,028	387,232	380,223	-0.8	+1.8	-2.1	377,300	381,063	375,486	397,192	-5.0	(X)	(X)
Nondefense capital goods ³	249,420	252,061	257,766	-1.0	-2.2	-2.9	246,619	249,555	256,098	273,906	-10.0	(X)	(X)
Excluding aircraft.....	145,161	145,113	147,658	0.0	-1.7	-2.9	144,047	143,624	145,902	165,524	-13.0	(X)	(X)
Defense capital goods ⁴	134,608	135,171	122,457	-0.4	+10.4	-0.4	130,681	131,508	119,388	123,286	+6.0	(X)	(X)
Consumer goods.....	9,133	8,710	8,636	+4.9	+0.9	+1.2	9,025	8,673	8,446	11,294	-20.1	(X)	(X)
Consumer durable goods.....	9,133	8,710	8,636	+4.9	+0.9	+1.2	9,025	8,673	8,446	11,294	-20.1	(X)	(X)
TOTAL INVENTORIES													
All manufacturing industries.....	453,111	457,341	460,645	-0.9	-0.7	-0.9	454,024	459,496	458,762	486,416	-6.7	(X)	(X)
Construction materials and supplies.....	46,308	46,873	47,377	-1.2	-1.1	-0.4	45,752	46,416	46,784	48,817	-6.3	(X)	(X)
Information technology.....	43,466	43,693	44,153	-0.5	-1.0	-4.2	43,707	43,566	43,385	49,870	-12.4	(X)	(X)
Capital goods.....	141,404	142,169	143,000	-0.5	-0.6	-1.6	142,970	143,289	142,262	152,932	-6.5	(X)	(X)
Nondefense capital goods ³	122,862	123,897	124,837	-0.8	-0.8	-1.7	124,396	124,875	123,637	133,350	-6.7	(X)	(X)
Excluding aircraft.....	99,032	99,521	100,478	-0.5	-1.0	-2.2	99,624	99,518	98,952	107,682	-7.5	(X)	(X)
Defense capital goods ⁴	18,542	18,272	18,163	+1.5	+0.6	-1.1	18,574	18,414	18,625	19,582	-5.1	(X)	(X)
Consumer goods.....	125,514	126,548	127,961	-0.8	-1.1	-0.5	126,497	128,922	128,728	133,190	-5.0	(X)	(X)
Consumer durable goods.....	26,840	27,267	27,612	-1.6	-1.2	-1.1	26,698	27,296	27,567	29,247	-8.7	(X)	(X)
Consumer nondurable goods.....	98,674	99,281	100,349	-0.6	-1.1	-0.4	99,799	101,626	101,161	103,943	-4.0	(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 Nov. 01/00
	Nov. 2001 ^p	Oct. 2001 ^r	Sept. 2001	Oct. - Nov.	Sept. - Oct.	Aug. - Sept.	Nov. 2001 ^p	Oct. 2001 ^r	Sept. 2001	Nov. 2000	
MATERIALS AND SUPPLIES											
All manufacturing industries.....	149,199	150,489	151,332	-0.9	-0.6	-1.5	149,291	150,676	151,233	164,603	-9.3
Durable goods industries.....	90,762	91,782	92,398	-1.1	-0.7	-1.8	91,310	92,010	92,528	102,542	-11.0
Wood products.....	3,644	3,658	3,721	-0.4	-1.7	-2.2	4,030	3,965	3,878	4,320	-6.7
Nonmetallic mineral products.....	3,337	3,346	3,334	-0.3	+0.4	-0.4	3,357	3,364	3,370	3,392	-1.0
Primary metals.....	6,651	6,741	6,784	-1.3	-0.6	-2.5	6,798	6,874	6,855	7,957	-14.6
Fabricated metal products.....	10,233	10,349	10,376	-1.1	-0.3	-1.9	10,105	10,269	10,422	11,350	-11.0
Machinery.....	17,787	17,708	17,776	+0.4	-0.4	-0.1	17,720	17,707	17,732	17,634	+0.5
Computers and electronic products.....	17,783	18,073	18,438	-1.6	-2.0	-3.3	17,730	17,703	18,405	22,149	-20.0
Electrical equipment, appliances, and components.....	5,540	5,715	5,738	-3.1	-0.4	-2.0	5,591	5,743	5,654	6,360	-12.1
Transportation equipment.....	16,222	16,653	16,652	-2.6	0.0	-1.7	16,404	16,867	16,650	19,181	-14.5
Furniture and related products.....	3,207	3,224	3,294	-0.5	-2.1	-0.4	3,214	3,199	3,269	3,701	-13.2
Miscellaneous products.....	6,358	6,315	6,285	+0.7	+0.5	-2.6	6,361	6,319	6,293	6,498	-2.1
Nondurable goods industries.....	58,437	58,707	58,934	-0.5	-0.4	-1.0	57,981	58,666	58,705	62,061	-6.6
Food products.....	10,380	10,337	10,550	+0.4	-2.0	-1.0	10,477	10,520	10,307	10,934	-4.2
Beverage and tobacco products.....	5,857	5,809	5,816	+0.8	-0.1	-0.9	5,700	5,720	5,795	5,915	-3.6
Textiles.....	1,621	1,661	1,696	-2.4	-2.1	-1.2	1,582	1,631	1,664	1,911	-17.2
Textile products.....	1,527	1,575	1,572	-3.0	+0.2	+1.4	1,480	1,550	1,577	1,724	-14.2
Apparel.....	2,014	2,058	2,130	-2.1	-3.4	-3.0	1,964	2,042	2,105	2,438	-19.4
Leather and allied products.....	354	368	400	-3.8	-8.0	-2.0	338	365	401	421	-19.7
Paper products.....	7,344	7,392	7,429	-0.6	-0.5	+0.3	7,313	7,377	7,451	7,658	-4.5
Printing.....	2,623	2,687	2,590	-2.4	+3.7	-6.1	2,612	2,758	2,699	3,150	-17.1
Petroleum and coal products.....	3,625	3,777	3,807	-4.0	-0.8	-0.7	3,550	3,855	3,822	4,315	-17.7
Basic chemicals.....	15,880	15,830	15,730	+0.3	+0.6	-0.8	15,863	15,772	15,690	16,256	-2.4
Plastics and rubber products.....	7,212	7,213	7,214	0.0	0.0	-0.9	7,102	7,076	7,194	7,339	-3.2
WORK IN PROCESS											
All manufacturing industries.....	133,529	135,190	136,372	-1.2	-0.9	-0.1	135,100	137,021	136,457	144,849	-6.7
Durable goods industries.....	105,966	107,235	107,613	-1.2	-0.4	-0.1	106,987	108,189	107,619	113,839	-6.0
Wood products.....	1,896	1,919	1,911	-1.2	+0.4	-1.8	1,896	1,934	1,899	2,118	-10.5
Nonmetallic mineral products.....	1,431	1,448	1,460	-1.2	-0.8	+2.2	1,322	1,362	1,392	1,365	-3.2
Primary metals.....	6,840	6,898	6,978	-0.8	-1.1	-0.8	6,778	6,847	6,985	7,696	-11.9
Fabricated metal products.....	11,366	11,368	11,456	0.0	-0.8	-0.2	11,279	11,387	11,473	11,388	-1.0
Machinery.....	14,519	14,693	14,823	-1.2	-0.9	-0.2	14,763	14,951	14,667	15,718	-6.1
Computers and electronic products.....	17,950	18,174	18,336	-1.2	-0.9	0.0	17,907	17,895	17,982	18,969	-5.6
Electrical equipment, appliances, and components.....	3,488	3,551	3,597	-1.8	-1.3	-1.6	3,451	3,548	3,526	3,907	-11.7
Transportation equipment.....	43,857	44,551	44,383	-1.6	+0.4	+0.4	44,963	45,583	44,958	47,720	-5.8
Furniture and related products.....	1,547	1,545	1,572	+0.1	-1.7	-1.0	1,524	1,546	1,564	1,811	-15.8
Miscellaneous products.....	3,072	3,088	3,097	-0.5	-0.3	-2.1	3,104	3,136	3,173	3,147	-1.4
Nondurable goods industries.....	27,563	27,955	28,759	-1.4	-2.8	0.0	28,113	28,832	28,838	31,010	-9.3
Food products.....	2,504	2,493	2,481	+0.4	+0.5	+0.3	2,850	2,937	2,458	2,873	-0.8
Beverage and tobacco products.....	3,295	3,303	3,350	-0.2	-1.4	-0.8	3,534	3,571	3,441	3,579	-1.3
Textiles.....	1,537	1,545	1,585	-0.5	-2.5	-1.2	1,514	1,528	1,571	1,782	-15.0
Textile products.....	876	871	875	+0.6	-0.5	-1.4	880	872	893	964	-8.7
Apparel.....	1,682	1,694	1,716	-0.7	-1.3	-1.0	1,649	1,636	1,663	2,169	-24.0
Leather and allied products.....	165	171	179	-3.5	-4.5	-5.3	161	168	182	244	-34.0
Paper products.....	1,421	1,432	1,429	-0.8	+0.2	-0.3	1,386	1,392	1,421	1,455	-4.7
Printing.....	1,698	1,758	1,866	-3.4	-5.8	-3.9	1,713	1,874	1,966	2,073	-17.4
Petroleum and coal products.....	2,496	2,634	2,875	-5.2	-8.4	+4.2	2,532	2,712	2,959	3,100	-18.3
Basic chemicals.....	9,402	9,612	9,964	-2.2	-3.5	+0.5	9,480	9,754	9,904	10,524	-9.9
Plastics and rubber products.....	2,487	2,442	2,439	+1.8	+0.1	+0.3	2,414	2,388	2,380	2,247	+7.4
FINISHED GOODS											
All manufacturing industries.....	170,383	171,662	172,941	-0.7	-0.7	-1.1	169,633	171,799	171,072	176,964	-4.1
Durable goods industries.....	89,933	90,855	91,931	-1.0	-1.2	-1.8	89,206	90,383	89,973	95,018	-6.1
Wood products.....	3,865	3,935	4,057	-1.8	-3.0	+1.4	3,640	3,755	3,884	3,847	-5.4
Nonmetallic mineral products.....	4,806	4,883	4,996	-1.6	-2.3	-0.7	4,603	4,610	4,797	4,937	-6.8
Primary metals.....	6,533	6,602	6,640	-1.0	-0.6	+1.0	6,409	6,472	6,539	7,143	-10.3
Fabricated metal products.....	11,598	11,862	12,013	-2.2	-1.3	+0.5	11,340	11,614	11,622	12,443	-8.9
Machinery.....	16,926	17,185	17,473	-1.5	-1.6	-0.9	16,961	17,024	17,060	17,777	-4.6
Computers and electronic products.....	15,669	15,708	16,059	-0.2	-2.2	-10.5	16,000	16,190	15,548	18,846	-15.1
Electrical equipment, appliances, and components.....	5,866	5,737	5,682	+2.2	+1.0	+0.7	5,748	5,646	5,435	5,331	+7.8
Transportation equipment.....	13,044	13,216	13,123	-1.3	+0.7	+0.9	12,974	13,271	13,200	12,525	+3.6
Furniture and related products.....	3,173	3,242	3,307	-2.1	-2.0	-0.5	3,110	3,235	3,304	3,522	-11.7
Miscellaneous products.....	8,453	8,485	8,581	-0.4	-1.1	+1.2	8,421	8,566	8,584	8,647	-2.6
Nondurable goods industries.....	80,450	80,807	81,010	-0.4	-0.3	-0.3	80,427	81,416	81,099	81,946	-1.9
Food products.....	16,728	16,683	16,537	+0.3	+0.9	-1.3	17,458	17,784	17,246	16,831	+3.7
Beverage and tobacco products.....	4,665	4,703	4,789	-0.8	-1.8	+0.2	4,935	4,983	4,841	4,840	+2.0
Textiles.....	3,037	3,064	3,109	-0.9	-1.4	-0.5	2,964	2,979	2,994	3,104	-4.5
Textile products.....	2,037	2,038	2,054	0.0	-0.8	-1.9	1,970	2,009	2,018	2,110	-6.6
Apparel.....	5,571	5,653	5,769	-1.5	-2.0	-1.6	5,179	5,475	5,869	5,324	-2.7
Leather and allied products.....	940	938	920	+0.2	+2.0	+1.5	937	952	946	938	-0.1
Paper products.....	6,862	6,770	6,713	+1.4	+0.8	+1.4	6,790	6,677	6,622	7,054	-3.7
Printing.....	1,706	1,709	1,710	-0.2	-0.1	-0.1	1,663	1,691	1,747	1,677	-0.8
Petroleum and coal products.....	5,568	5,684	6,048	-2.0	-6.0	-3.6	5,564	5,763	6,266	6,376	-12.7
Basic chemicals.....	25,430	25,642	25,367	-0.8	+1.1	+0.9	25,275	25,390	24,855	25,172	+0.4
Plastics and rubber products.....	7,906	7,923	7,994	-0.2	-0.9	-0.2	7,692	7,713	7,695	8,520	-9.7

^p Preliminary ^r Revised

See note at end of Table 2 relating to survey error and revisions.

**Table 7. RATIOS OF MANUFACTURERS' INVENTORIES TO SHIPMENTS
AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP**
(Based on Seasonally Adjusted data)

Industry	Inventory/Shipments ratio				Unfilled Orders/Shipments ratio ¹			
	Nov 2001 ^P	Oct 2001 ^r	Sep 2001	Aug 2001	Nov 2001 ^P	Oct 2001 ^r	Sep 2001	Aug 2001
All manufacturing industries.....	1.39	1.39	1.43	1.38	(X)	(X)	(X)	(X)
Durable goods industries.....	1.59	1.61	1.67	1.59	4.28	4.31	4.37	4.26
Wood products.....	1.36	1.36	1.35	1.38	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.31	1.30	1.38	1.28	(X)	(X)	(X)	(X)
Primary metals.....	1.77	1.75	1.80	1.72	1.54	1.54	1.63	1.56
Fabricated metal products.....	1.65	1.65	1.70	1.65	2.08	2.10	2.17	2.13
Machinery.....	2.13	2.11	2.22	2.04	2.74	2.69	2.90	2.64
Computers and electronic products.....	1.54	1.57	1.61	1.66	4.38	4.41	4.47	4.54
Electrical equipment, appliances, and components.....	1.54	1.48	1.53	1.42	1.83	1.72	1.82	1.71
Transportation equipment.....	1.36	1.43	1.52	1.38	8.56	8.96	8.80	8.75
Furniture and related products.....	1.39	1.39	1.47	1.36	1.26	1.22	1.32	1.23
Miscellaneous products.....	1.88	1.88	1.90	1.84	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.14	1.13	1.15	1.12	(X)	(X)	(X)	(X)
Food products.....	0.77	0.77	0.77	0.77	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.48	1.35	1.46	1.38	(X)	(X)	(X)	(X)
Textiles.....	1.73	1.66	1.71	1.68	(X)	(X)	(X)	(X)
Textile products.....	1.55	1.58	1.60	1.61	(X)	(X)	(X)	(X)
Apparel.....	1.85	1.86	1.93	1.91	(X)	(X)	(X)	(X)
Leather and allied products.....	2.04	2.08	2.13	2.10	(X)	(X)	(X)	(X)
Paper products.....	1.22	1.20	1.23	1.19	(X)	(X)	(X)	(X)
Printing.....	0.75	0.75	0.78	0.76	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.73	0.73	0.71	0.70	(X)	(X)	(X)	(X)
Basic chemicals.....	1.46	1.47	1.50	1.43	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.20	1.19	1.21	1.18	(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		
	Nov ¹ 2001	Nov ² 1996- 2000	Nov 2000- Oct 2001	Nov ¹ 2001	Nov ² 1996- 2000	Nov 2000- Oct 2001	Nov ¹ 2001	Nov ² 1996- 2000	Nov 2000- Oct 2001	Nov ¹ 2001	Nov ² 1996- 2000	Nov 2000- Oct 2001
All manufacturing industries.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Durable goods industries.....	0.0	(NA)	(NA)	0.0	(NA)	(NA)	0.0	(NA)	(NA)	0.0	(NA)	(NA)
Wood products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Nonmetallic mineral products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Primary metals.....	-0.2	(NA)	(NA)	0.3	(NA)	(NA)	0.2	(NA)	(NA)	-0.1	(NA)	(NA)
Fabricated metal products.....	0.0	(NA)	(NA)	0.0	(NA)	(NA)	0.0	(NA)	(NA)	0.0	(NA)	(NA)
Machinery.....	0.0	(NA)	(NA)	0.1	(NA)	(NA)	0.2	(NA)	(NA)	0.0	(NA)	(NA)
Computers and electronic products.....	-0.1	(NA)	(NA)	-0.2	(NA)	(NA)	0.0	(NA)	(NA)	-0.1	(NA)	(NA)
Electrical equipment, appliances, and components.....	0.0	(NA)	(NA)	-0.1	(NA)	(NA)	0.0	(NA)	(NA)	0.1	(NA)	(NA)
Transportation equipment.....	0.1	(NA)	(NA)	-0.4	(NA)	(NA)	-0.1	(NA)	(NA)	0.2	(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

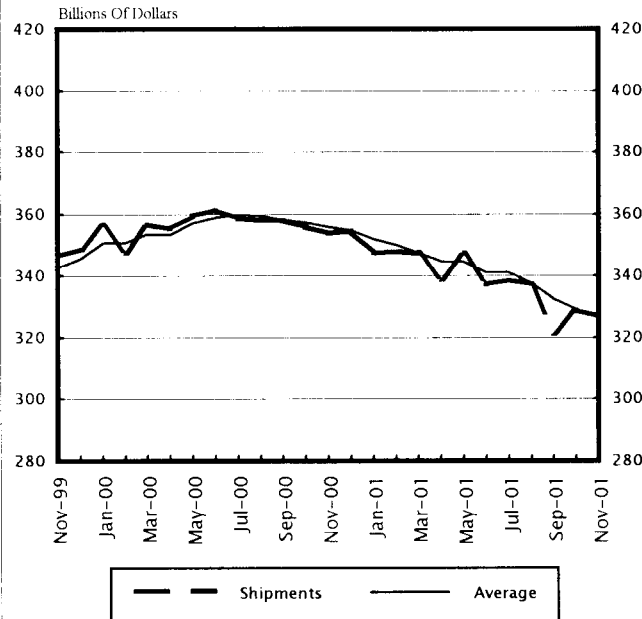
NOTE: The five year and the twelve month revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the absolute values of the differences for the months specified. The advance to final percent change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

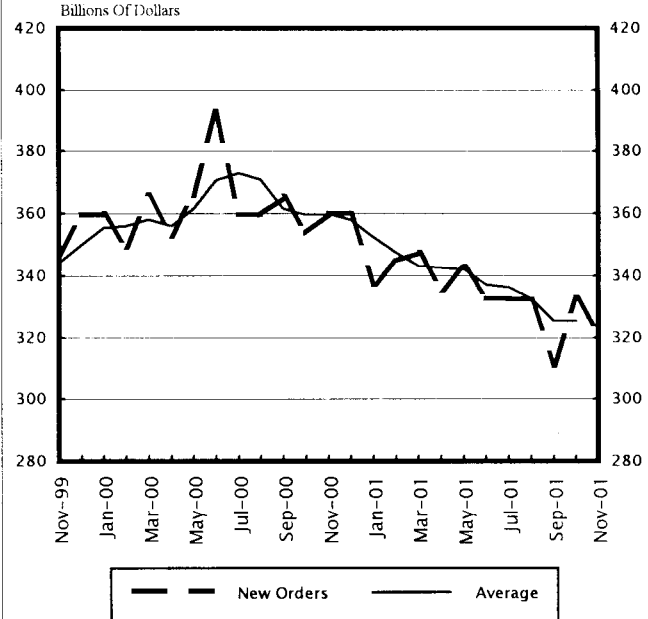
² Average revisions of the current month for the past five years.

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.

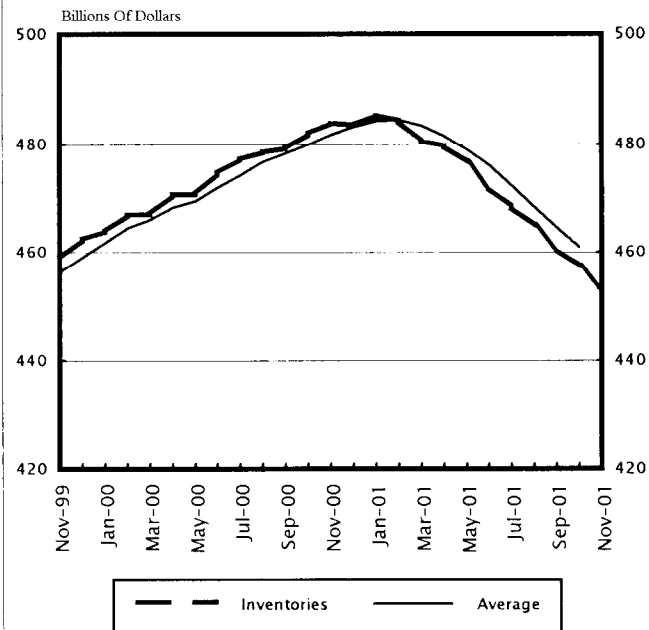
**Total Manufacturing
Shipments and Three Month
Moving Average**



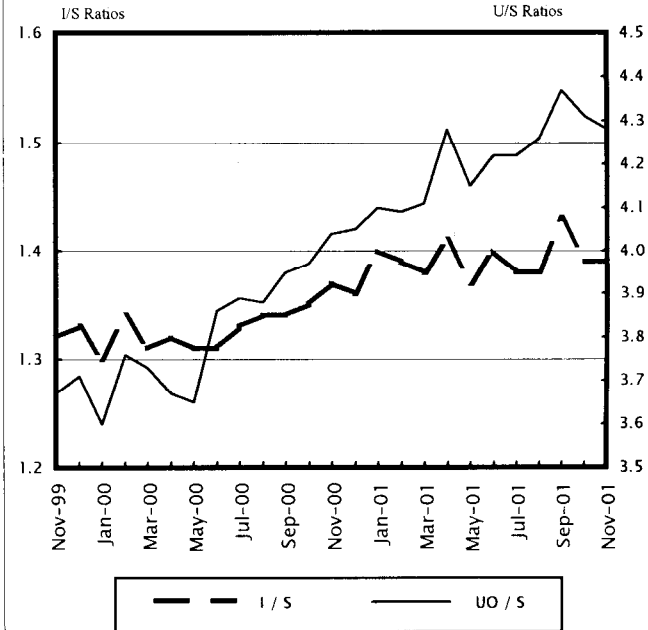
**Total Manufacturing
New Orders and Three Month
Moving Average**



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

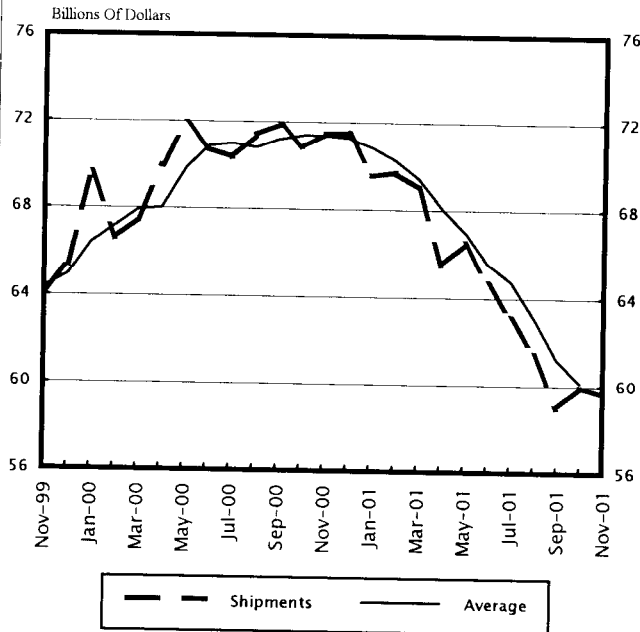


**Total Manufacturing
Ratios of Unfilled Orders and Total
Inventories to Shipments**

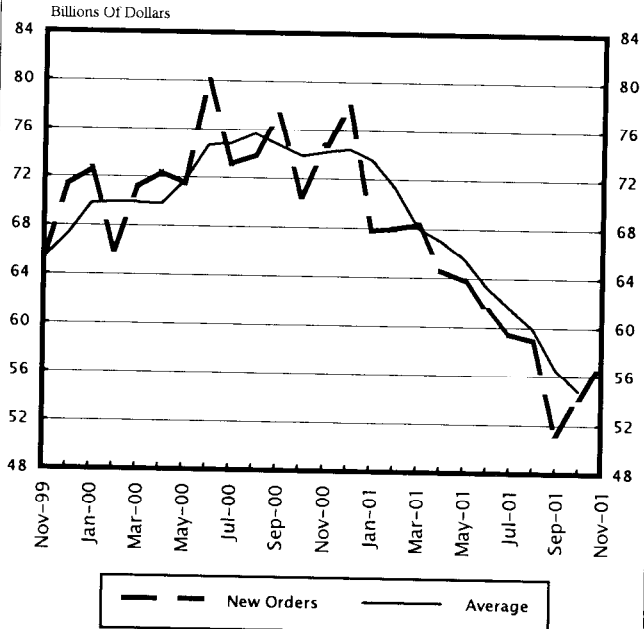


Note: All charts based on seasonally adjusted current dollars.

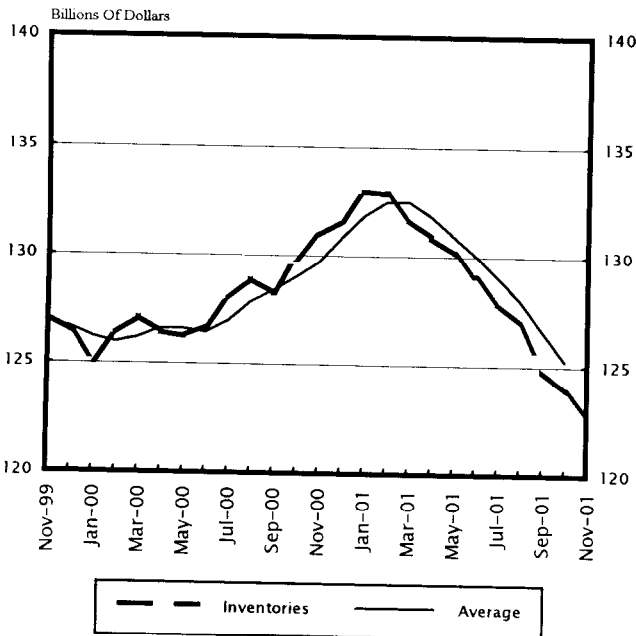
**Nondefense Capital Goods
Shipments and Three Month
Moving Average**



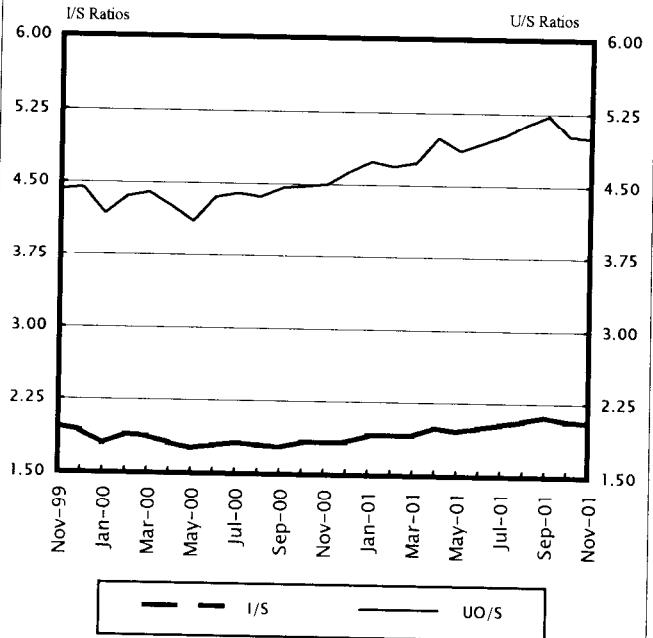
**Nondefense Capital Goods
New Orders and Three Month
Moving Average**



**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.