

Manufacturers' Shipments, Inventories, and Orders

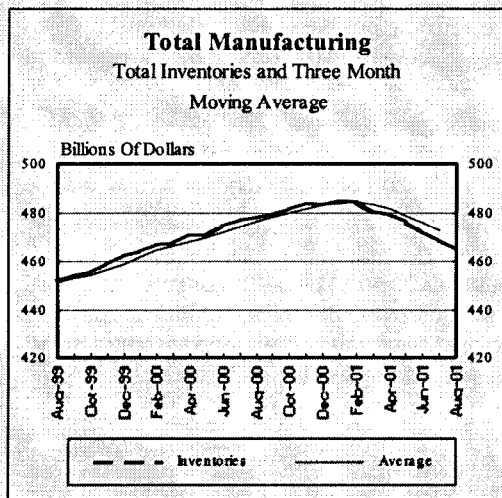
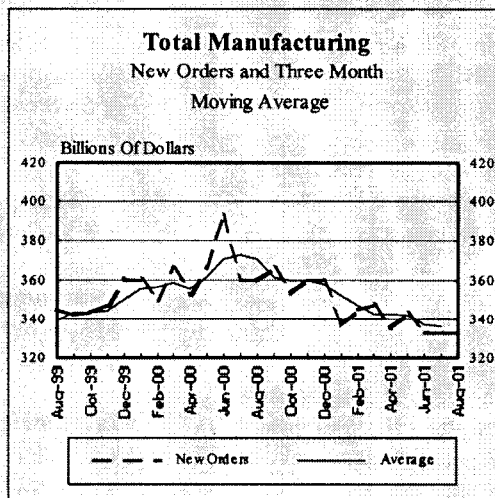
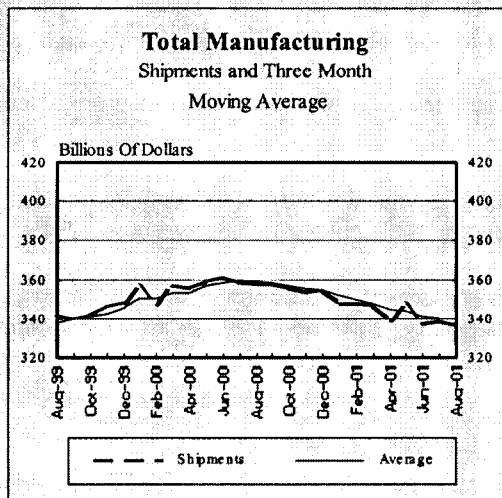
August
2001

M3-1(01)-8

Current Industrial Reports

For Wire Transmision 10:00 a.m. E.D.T., October 4, 2001

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 September is scheduled for October 25, 2001 at 8:30 a.m. and the full report on November 2, 2001 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 August decreased slightly to \$332.6 billion, the Department of Commerce, Bureau of the Census reported today. This follows a 0.1 percent July decrease. Year to date, new orders for 2001 are 6.9 percent below the same period a year ago.

Shipments decreased \$1.8 billion or 0.5 percent to \$336.7 billion, following a 0.4 percent July increase. Year to date, shipments for 2001 are 3.9 percent below the same period a year ago.

Unfilled orders, down eight consecutive months, decreased \$4.2 billion or 0.7 percent to \$564.0 billion, following a 1.0 percent July decrease. The unfilled orders-to-shipments ratio was 4.25, up from 4.22 in July.

Inventories, down seven consecutive months, decreased \$3.1 billion or 0.7 percent to \$465.3 billion, following a 0.8 percent July decrease. The inventories-to-shipments ratio was 1.38, unchanged from 1.38 in July.

New Orders

New Orders for manufactured durable goods in August, down three consecutive months, decreased slightly to \$181.6 billion, revised from the previously published 0.3 percent decrease.

Transportation equipment had the largest decrease, \$0.7 billion or 1.4 percent to \$52.1 billion. Machinery increased \$0.6 billion or 2.3 percent to \$24.2 billion. Computers and electronic products, led by semiconductors and nondefense communications equipment, increased \$0.5 billion or 1.7 percent to \$32.5 billion.

New orders for nondurable goods increased slightly to \$151.0 billion.

Shipments

Shipments of durable goods in August, down three consecutive months, decreased \$1.9 billion or 1.0 percent to

\$185.7 billion, revised from the previously published 1.2 percent decrease.

Computers and electronic products, down eight consecutive months, had the largest decrease, \$1.9 billion or 5.3 percent to \$33.5 billion; this is the lowest level since September 1996. Transportation equipment decreased \$0.4 billion or 0.8 percent to \$53.8 billion.

Shipments of nondurable goods increased slightly to \$151.0 billion.

Unfilled Orders

Unfilled Orders for durable goods in August, down eight consecutive months, decreased \$4.2 billion or 0.7 percent to \$564.0 billion, revised from the previously published 0.8 percent decrease.

Transportation equipment, down three consecutive months, had the largest decrease, \$1.8 billion or 0.6 percent to \$284.4 billion. Computers and electronic products, down nine consecutive months, decreased \$1.0 billion or 0.8 percent to \$131.9 billion. Machinery, down seven of the last eight months, decreased \$0.6 billion or 0.9 percent to \$59.7 billion.

Inventories

Inventories of durable goods in August decreased \$2.3 billion or 0.8 percent to \$295.6 billion, revised from the previously published 0.7 percent decrease.

Computers and electronic products, down six consecutive months, had the largest decrease, \$0.8 billion or 1.4 percent to \$55.6 billion.

Inventories of nondurable goods, down seven consecutive months, decreased \$0.8 billion or 0.5 percent to \$169.6 billion.

By stage of fabrication, August finished goods decreased 0.7 percent in durables and 0.5 percent in nondurables. Work in process decreased 0.7 percent in durables and increased 0.3 percent in nondurables. Materials and supplies decreased 1.0 percent in durables and 0.8 percent in nondurables.

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

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 301-457-4832 or 301-457-4814.

The advance report on durable goods for September is scheduled for October 25, 2001 at 8:30 a.m. and the full report on November 2, 2001 at 10:00 a.m. For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted ¹						
	Monthly			Percent Change			Monthly				Percent Change Aug. 01/00	Year to date	
	Aug. 2001 ^P	July 2001 ^r	June 2001	July - Aug.	June - July	May - June	Aug. 2001 ^P	July 2001 ^r	June 2001	Aug. 2000		2001 ^P	2000
All manufacturing industries.....	336,735	338,546	337,322	-0.5	+0.4	-2.9	342,212	302,651	361,374	361,493	-5.3	2,706,367	2,829,694
Excluding transportation.....	282,917	284,303	283,701	-0.5	+0.2	-3.2	286,321	265,607	302,317	306,414	-6.6	2,295,408	2,384,760
Excluding defense.....	329,361	331,152	329,720	-0.5	+0.4	-3.1	335,039	296,128	352,949	355,339	-5.7	2,652,022	2,778,031
Durable goods industries.....	185,732	187,584	187,821	-1.0	-0.1	-2.4	186,761	157,642	206,494	202,620	-7.8	1,493,603	1,607,625
Wood products.....	7,051	7,105	7,204	-0.8	-1.4	-0.2	7,655	7,319	8,032	7,531	+1.6	56,096	61,412
Nonmetallic mineral products.....	7,645	7,599	7,537	+0.6	+0.8	-2.5	8,334	7,669	8,064	8,642	-3.6	60,665	65,224
Primary metals.....	12,033	12,101	11,871	-0.6	+1.9	-3.8	12,319	10,952	12,427	13,751	-10.4	97,799	112,239
Iron and steel mills.....	5,203	5,217	5,118	-0.3	+1.9	-4.4	5,385	4,778	5,374	6,077	-11.4	42,195	50,362
Aluminum and nonferrous metals.....	5,543	5,607	5,456	-1.1	+2.8	-3.7	5,583	5,078	5,662	6,272	-11.0	45,263	50,460
Ferrous metal foundries.....	1,287	1,277	1,297	+0.8	-1.5	-1.8	1,351	1,096	1,391	1,402	-3.6	10,341	11,417
Fabricated metal products.....	20,515	20,401	20,105	+0.6	+1.5	-3.0	21,543	19,016	21,354	22,444	-4.0	164,095	174,503
Machinery.....	24,726	24,607	24,200	+0.5	+1.7	-4.2	23,337	21,755	26,784	24,124	-3.3	197,236	197,972
Farm machinery.....	1,454	1,470	1,396	-1.1	+5.3	+11.3	1,330	1,389	1,496	1,008	+31.9	11,149	9,818
Construction machinery.....	1,701	1,687	1,628	+0.8	+3.6	-1.0	1,579	1,535	1,859	1,552	+1.7	13,886	15,167
Mining, oil field, and gas field machinery.....	1,090	1,097	1,062	-0.6	+3.3	-1.4	1,062	1,036	1,140	816	+30.1	8,360	6,385
Industrial machinery.....	3,417	3,528	3,684	-3.1	-4.2	-8.0	2,927	3,234	4,014	4,135	-29.2	30,483	31,431
Photographic equipment.....	1,465	1,479	1,419	-0.9	+4.2	+5.4	1,394	1,343	1,610	1,187	+17.4	10,624	9,461
Ventilation, heating, air-conditioning, and refrigeration equipment.....	2,790	2,702	2,771	+3.3	-2.5	-1.7	2,889	2,519	3,279	2,843	+1.6	22,173	22,712
Metalworking machinery.....	2,238	2,258	2,351	-0.9	-4.0	-1.7	2,108	1,867	2,599	2,498	-15.6	17,898	19,449
Turbines, generators, and other power transmission equipment.....	3,496	3,330	2,841	+5.0	+17.2	-14.8	3,285	2,346	3,369	2,858	+14.9	23,706	23,570
Material handling equipment.....	1,614	1,570	1,623	+2.8	-3.3	-7.7	1,560	1,505	1,770	1,698	-8.1	13,975	14,151
Computers and electronic products.....	33,479	35,357	36,969	-5.3	-4.4	-2.2	31,124	30,270	42,560	43,369	-28.2	295,807	339,788
Electronic computers.....	4,911	6,072	6,196	-19.1	-2.0	-6.8	4,218	5,606	7,431	7,464	-43.5	50,706	60,909
Computer storage devices.....	1,008	1,049	1,000	-3.9	+4.9	-16.7	948	678	1,470	1,209	-21.6	8,354	8,986
Nondefense communications equipment.....	6,383	6,427	6,906	-0.7	-6.9	-0.5	5,578	5,385	8,220	8,347	-33.2	53,269	69,223
Defense communications equipment.....	309	281	276	+10.0	+1.8	-8.6	312	259	293	264	+18.2	2,255	2,037
Audio and video equipment.....	876	904	907	-3.1	-0.3	+2.7	871	806	858	1,003	-13.2	6,722	7,265
Semiconductors.....	6,014	6,615	7,147	-9.1	-7.4	-2.1	5,785	5,676	7,832	9,101	-36.4	59,222	66,242
Electronic components.....	4,067	4,001	4,353	+1.6	-8.1	-0.5	3,985	3,419	4,582	5,928	-32.8	35,996	45,979
Nondefense search and navigation equipment.....	747	773	764	-3.4	+1.2	-1.3	755	699	810	868	-13.0	5,926	6,528
Defense search and navigation equipment.....	1,743	1,717	1,687	+1.5	+1.8	-3.0	1,639	1,532	1,854	1,598	+2.6	13,446	13,242
Electromedical, measuring, and control instruments.....	5,073	5,253	5,422	-3.4	-3.1	+2.9	4,870	4,392	6,297	4,984	-2.3	41,142	38,531
Electrical equipment, appliances, and components.....	10,669	10,493	10,956	+1.7	-4.2	-3.0	10,504	9,320	12,133	11,180	-6.0	87,095	87,092
Electric lighting equipment.....	1,189	1,171	1,170	+1.5	+0.1	-3.0	1,190	958	1,271	1,188	+0.2	9,266	9,282
Household appliances.....	2,193	1,956	1,939	+12.1	+0.9	-4.7	2,226	1,782	2,250	1,909	+16.6	16,119	15,777
Electrical equipment.....	3,009	2,952	3,314	+1.9	-10.9	+0.2	3,001	2,651	3,734	3,331	-9.9	25,338	26,215
Batteries.....	551	585	557	-5.8	+5.0	+0.9	550	459	606	621	-11.4	4,032	4,602
Transportation equipment.....	53,818	54,243	53,621	-0.8	+1.2	-1.3	55,891	37,044	59,057	55,079	+1.5	410,959	444,934
Automobiles.....	8,844	8,765	8,322	+0.9	+5.3	-1.7	9,122	4,913	8,768	8,359	+9.1	62,821	69,807
Light trucks and utility vehicles.....	11,546	11,573	10,765	-0.2	+7.5	-7.6	12,231	6,364	12,103	11,289	+8.3	86,084	94,837
Heavy duty trucks.....	1,021	1,019	1,086	+0.2	-6.2	-3.4	1,056	933	1,194	1,306	-19.1	8,473	13,196
Motor vehicle bodies, parts, and trailers.....	16,584	16,926	16,603	-2.0	+1.9	-4.0	17,736	11,992	17,830	19,115	-7.2	133,280	150,990
Nondefense aircraft and parts.....	8,107	8,314	8,923	-2.5	-6.8	+4.8	8,043	6,361	10,277	8,320	-3.3	63,645	59,805
Defense aircraft and parts.....	2,643	2,552	2,802	+3.6	-8.9	+18.2	2,663	2,106	3,211	1,938	+37.4	18,426	17,107
Ships and boats.....	1,727	1,621	1,754	+6.5	-7.6	+2.2	1,743	1,434	1,806	1,770	-1.5	13,514	13,958
Furniture and related products.....	6,030	6,009	5,796	+0.3	+3.7	-4.5	6,440	5,508	5,850	7,088	-9.1	48,188	51,451
Miscellaneous durable goods.....	9,766	9,669	9,562	+1.0	+1.1	-1.3	9,614	8,789	10,233	9,412	+2.1	75,663	73,010
Nonurable goods industries.....	151,003	150,962	149,501	0.0	+1.0	-3.4	155,451	145,009	154,880	158,873	-2.2	1,212,764	1,222,069
Food products.....	38,806	38,560	38,134	+0.6	+1.1	-0.5	39,357	36,235	38,593	37,268	+5.6	299,880	286,919
Grain and oilseed milling.....	4,225	4,145	4,124	+1.9	+0.5	+0.7	4,399	3,966	3,944	4,106	+7.1	32,702	30,896
Dairy products.....	6,032	5,897	5,712	+2.3	+3.2	+0.4	6,121	5,566	6,020	5,070	+20.7	44,571	40,239
Meat, poultry, and seafood products.....	11,410	11,437	11,416	-0.2	+0.2	-1.2	11,751	11,075	11,736	11,305	+9.0	90,431	85,509
Beverage and tobacco products.....	10,174	9,869	9,572	+3.1	+3.1	-6.6	10,974	10,000	10,390	10,128	+8.4	78,687	75,329
Beverages.....	5,789	5,714	5,478	+1.3	+4.3	-6.5	6,258	5,927	6,152	5,811	+7.7	45,606	43,587
Tobacco.....	4,385	4,155	4,094	+5.5	+1.5	-6.6	4,716	4,073	4,238	4,317	+9.2	33,081	31,742
Textile mills.....	3,749	3,843	3,895	-2.4	-1.3	-1.1	3,909	3,424	4,279	4,643	-15.8	31,400	35,875
Textile products.....	2,814	2,817	2,790	-0.1	+1.0	+1.5	3,025	2,847	3,025	2,953	+2.4	22,500	22,443
Apparel.....	5,083	5,045	5,135	+0.8	-1.8	-3.0	5,720	5,086	5,034	6,245	-8.4	41,831	42,964
Leather and allied products.....	717	713	747	+0.6	-4.6	-4.0	729	638	737	850	-14.2	5,902	6,331
Paper products.....	13,102	13,093	13,075	+0.1	+0.1	-2.2	13,477	12,779	13,273	14,385	-6.3	106,406	114,134
Pulp, paper, and paperboard mills.....	5,993	5,986	5,944	+0.1	+0.7	-3.2	6,155	5,839	6,081	6,658	-7.6	49,243	53,282
Paperboard containers.....	4,068	4,026	4,054	+1.0	-0.7	-0.7	4,224	3,969	3,974	4,516	-6.5	32,598	35,847
Printing.....	8,188	8,238	8,215	-0.6	+0.3	-3.4	8,282	7,811	8,086	9,039	-8.4	65,487	68,693
Petroleum and coal products.....	17,809	17,930	18,199	-0.7	-1.5	-9.9	18,932	18,173	19,092	20,320	-6.8	150,190	150,820
Petroleum refineries.....	16,093	16,081	16,292	+0.1	-1.3	-10.6	16,921	16,108	16,862	18,096	-6.5	135,345	135,747
Basic chemicals.....	35,532	35,515	35,068	0.0	+1.3	-4.1	35,514	33,672	36,940	37,321	-4.8	290,261	295,034
Pesticides, fertilizers, and other agricultural chemicals.....	1,633	1,636	1,597	-0.2	+2.4	-9.9	1,183	1,251	1,901	1,225	-3.4	16,055	15,818
Pharmaceuticals and medicines.....	9,850	9,640	9,497	+2.2	+1.5	-6.5	9,858	8,953	9,476	10,429	-5.5	78,672	78,532
Paints, coatings, and adhesives.....	2,555	2,509	2,437	+1.8	+3.0	-4.5	2,711	2,636	2,675	2,611	+3.8	20,779	20,443
Plastics and rubber products.....	15,029	15,339	14,671	-2.0	+4.6	-1.1	15,532	14,344	15,431	15,721	-1.2	120,220	123,527

^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 Aug. 01/00	Year to date	
	Aug. 2001 ^P	July 2001 ^F	June 2001	July - Aug.	June - July	May - June	Aug. 2001 ^P	July 2001 ^F	June 2001	Aug. 2000		2001 ^P	2000
All manufacturing industries.....	332,569	332,608	332,939	0.0	-0.1	-2.9	334,154	296,555	351,812	359,191	-7.0	2,672,389	2,885,800
Excluding transportation.....	280,514	279,827	280,694	+0.2	-0.3	-2.7	282,016	263,435	295,575	303,425	-7.1	2,264,871	2,416,234
Excluding defense.....	326,021	325,332	326,327	+0.2	-0.3	-2.7	329,638	292,093	345,751	353,373	-6.7	2,619,915	2,811,149
Durable goods industries.....	181,566	181,646	183,438	0.0	-1.0	-2.5	178,703	151,546	196,932	200,318	-10.8	1,459,625	1,663,731
Primary metals.....	11,784	11,923	12,090	-1.2	-1.4	-2.9	11,806	10,773	12,377	13,123	-10.0	97,311	111,042
Iron and steel mills.....	5,018	5,142	5,359	-2.4	-4.0	-1.3	5,026	4,650	5,496	5,730	-12.3	41,896	49,295
Aluminum and nonferrous metals.....	5,463	5,506	5,431	-0.8	+1.4	-4.1	5,406	5,065	5,506	6,028	-10.3	45,046	50,193
Ferrous metal foundries.....	1,303	1,275	1,300	+2.2	-1.9	-4.3	1,374	1,058	1,375	1,365	+0.7	10,369	11,554
Fabricated metal products.....	20,217	20,400	20,158	-0.9	+1.2	-1.7	20,977	19,318	21,275	22,362	-6.2	163,394	176,083
Machinery.....	24,160	23,610	24,261	+2.3	-2.7	-1.6	22,845	21,124	25,397	24,707	-7.5	193,147	205,204
Construction machinery.....	1,771	1,726	1,636	+2.6	+5.5	+3.2	1,589	1,442	1,769	1,285	+23.7	13,436	14,112
Mining, oil field, and gas field machinery.....	1,092	1,086	1,140	+0.6	-4.7	-0.3	1,047	1,027	1,221	848	+23.5	8,598	6,339
Industrial machinery.....	3,332	3,059	3,745	+8.9	-18.3	-3.2	2,803	3,063	3,746	4,266	-34.3	28,039	35,636
Photographic equipment.....	1,464	1,517	1,451	-3.5	+4.5	+8.4	1,397	1,427	1,598	1,242	+12.5	10,557	9,357
Ventilation, heating, air-conditioning, and refrigeration equipment.....	2,835	2,840	2,799	-0.2	+1.5	+7.7	2,907	2,604	3,235	2,774	+4.8	22,374	23,117
Metalworking machinery.....	2,114	2,152	2,192	-1.8	-1.8	-8.7	1,946	1,794	2,283	2,466	-21.1	17,261	19,069
Turbines, generators, and other power transmission equipment.....	2,997	2,760	3,017	+8.6	-8.5	-5.5	3,010	2,237	2,930	3,452	-12.8	23,799	26,569
Material handling equipment.....	1,682	1,545	1,636	+8.9	-5.6	-7.0	1,532	1,288	1,797	1,584	-3.3	13,705	14,741
Computers and electronic products.....	32,462	31,931	33,978	+1.7	-6.0	-3.4	28,913	27,743	38,363	41,099	-29.7	275,246	360,597
Electronic computers.....	4,976	5,727	6,323	-13.1	-9.4	-2.7	4,471	5,303	7,442	8,700	-48.6	50,872	61,837
Nondefense communications equipment.....	6,222	5,742	5,009	+8.4	+14.6	-14.9	4,320	4,092	6,258	7,024	-38.5	47,500	75,201
Defense communications equipment.....	306	292	264	+4.8	+10.6	+18.9	257	242	259	228	+12.7	2,205	2,013
Semiconductors.....	5,366	4,691	6,195	+14.4	-24.3	-5.2	5,202	5,342	6,275	6,676	-22.1	49,105	72,571
Electronic components.....	3,651	3,695	4,288	-1.2	-13.8	+5.1	3,842	3,351	4,447	6,859	-44.0	32,425	51,896
Nondefense search and navigation equipment.....	715	752	672	-4.9	+11.9	+3.2	629	655	716	631	-0.3	5,324	6,090
Defense search and navigation equipment.....	1,750	1,781	1,609	-1.7	+10.7	+9.1	1,266	1,092	1,646	1,213	+4.4	12,637	14,532
Electromedical, measuring, and control instruments.....	5,244	5,033	5,400	+4.2	-6.8	+0.7	4,944	4,364	6,079	4,953	-0.2	41,333	39,360
Electrical equipment, appliances, and components.....	10,483	10,652	10,574	-1.6	+0.7	-1.7	10,268	9,710	11,450	11,126	-7.7	85,034	89,050
Electric lighting equipment.....	1,233	1,178	1,199	+4.7	-1.8	-3.6	1,234	989	1,305	1,160	+6.4	9,459	9,365
Household appliances.....	2,218	2,138	1,875	+3.7	+14.0	-8.0	2,268	1,972	2,089	2,003	+13.2	15,996	15,684
Electrical equipment.....	2,991	3,061	3,341	-2.3	-8.4	-1.1	2,952	2,882	3,592	3,233	-8.7	25,185	27,104
Transportation equipment.....	52,055	52,781	52,245	-1.4	+1.0	-3.9	52,138	33,120	56,237	55,766	-6.5	407,518	469,566
Motor vehicle bodies, parts, and trailers.....	16,440	16,721	16,495	-1.7	+1.4	-3.5	17,415	11,911	17,465	18,604	-6.4	132,109	148,175
Nondefense aircraft and parts.....	7,437	7,433	8,440	+0.1	-11.9	+8.5	6,964	4,286	10,255	9,538	-27.0	61,333	65,210
Defense aircraft and parts.....	1,831	2,376	2,274	-22.9	+4.5	-39.7	1,163	1,381	2,478	2,467	-52.9	18,219	25,953
Ships and boats.....	1,888	1,883	1,777	+0.3	+6.0	+24.1	1,318	1,213	1,339	1,172	+12.5	16,113	14,071
Furniture and related products.....	5,884	6,009	5,898	-2.1	+1.9	-1.1	6,161	5,871	5,903	6,831	-9.8	47,943	52,233

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Aug. 01/00
	Aug. 2001 ^P	July 2001 ^r	June 2001	July - Aug.	June - July	May - June	Aug. 2001 ^P	July 2001 ^r	June 2001	Aug. 2000	
All manufacturing industries.....	564,010	568,176	574,112	-0.7	-1.0	-0.8	558,036	566,094	572,190	579,320	-3.7
Excluding transportation.....	279,571	281,974	286,448	-0.9	-1.6	-1.0	277,945	282,250	284,422	315,120	-11.8
Excluding defense.....	422,772	426,112	431,930	-0.8	-1.3	-0.8	419,313	424,714	428,749	441,221	-5.0
Durable goods industries.....	564,010	568,176	574,112	-0.7	-1.0	-0.8	558,036	566,094	572,190	579,320	-3.7
Primary metals.....	18,562	18,811	18,989	-1.3	-0.9	+1.2	18,466	18,979	19,158	20,189	-8.5
Iron and steel mills.....	8,862	9,047	9,122	-2.0	-0.8	+2.7	8,802	9,161	9,289	10,093	-12.8
Aluminum and nonferrous metals.....	7,427	7,507	7,608	-1.1	-1.3	-0.3	7,402	7,579	7,592	7,959	-7.0
Ferrous metal foundries.....	2,273	2,257	2,259	+0.7	-0.1	+0.1	2,262	2,239	2,277	2,137	+5.8
Fabricated metal products.....	41,691	41,989	41,990	-0.7	0.0	+0.1	41,940	42,506	42,204	43,775	-4.2
Machinery.....	59,686	60,252	61,249	-0.9	-1.6	+0.1	59,193	59,685	60,316	63,981	-7.5
Construction machinery.....	2,315	2,245	2,206	+3.1	+1.8	+0.4	2,146	2,136	2,229	2,687	-20.1
Mining, oil field, and gas field machinery.....	1,608	1,606	1,617	+0.1	-0.7	+5.1	1,605	1,620	1,629	1,384	+16.0
Industrial machinery.....	10,308	10,393	10,862	-0.8	-4.3	+0.6	10,357	10,481	10,652	14,069	-26.4
Photographic equipment.....	859	860	822	-0.1	+4.6	+4.1	866	863	779	756	+14.6
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,795	4,750	4,612	+0.9	+3.0	+0.6	4,824	4,806	4,721	5,037	-4.2
Metalworking machinery.....	4,728	4,852	4,958	-2.6	-2.1	-3.1	4,733	4,895	4,968	5,981	-20.9
Turbines, generators, and other power transmission equipment.....	19,891	20,390	20,960	-2.4	-2.7	+0.8	19,708	19,983	20,092	17,519	+12.5
Material handling equipment.....	6,033	5,965	5,990	+1.1	-0.4	+0.2	5,863	5,891	6,108	6,014	-2.5
Computers and electronic products.....	131,908	132,925	136,351	-0.8	-2.5	-2.1	130,491	132,702	135,229	154,873	-15.7
Electronic computers.....	10,120	10,955	10,400	+0.6	-3.3	+1.2	10,374	10,121	10,424	10,789	-3.8
Nondefense communications equipment.....	42,014	42,175	42,860	-0.4	-1.6	-4.2	40,494	41,752	43,045	45,328	-10.7
Defense communications equipment.....	2,614	2,617	2,606	-0.1	+0.4	-0.5	2,505	2,560	2,577	2,249	+11.4
Semiconductors.....	14,856	15,504	17,428	-4.2	-11.0	-5.2	15,213	15,796	16,130	30,002	-49.3
Electronic components.....	16,268	16,684	16,990	-2.5	-1.8	-0.4	16,473	16,616	16,684	20,887	-21.1
Nondefense search and navigation equipment.....	4,527	4,559	4,580	-0.7	-0.5	-2.0	4,492	4,618	4,662	5,452	-17.6
Defense search and navigation equipment.....	29,746	29,739	29,675	0.0	+0.2	-0.3	29,195	29,568	30,008	29,485	-1.0
Electromedical, measuring, and control instruments.....	11,763	11,592	11,812	+1.5	-1.9	-0.2	11,745	11,671	11,699	10,681	+10.0
Electrical equipment, appliances, and components.....	17,382	17,568	17,409	-1.1	+0.9	-2.1	17,318	17,554	17,164	19,341	-10.5
Electric lighting equipment.....	1,684	1,640	1,633	+2.7	+0.4	+1.8	1,750	1,706	1,675	1,576	+11.0
Household appliances.....	1,252	1,227	1,045	+2.0	+17.4	-5.8	1,136	1,094	904	890	+27.6
Electrical equipment.....	9,899	9,917	9,808	-0.2	+1.1	+0.3	9,900	9,949	9,718	9,664	+2.4
Transportation equipment.....	284,439	286,202	287,664	-0.6	-0.5	-0.5	280,091	283,844	287,768	264,200	+6.0
Motor vehicle bodies, parts, and trailers.....	12,635	12,779	12,984	-1.1	-1.6	-0.8	12,223	12,544	12,625	13,554	-9.8
Nondefense aircraft and parts.....	149,305	149,975	150,856	-0.4	-0.6	-0.3	147,419	148,498	150,573	132,893	+10.9
Defense aircraft and parts.....	45,220	46,032	46,208	-1.8	-0.4	-1.1	44,688	46,188	46,913	43,849	+1.9
Ships and boats.....	22,790	22,629	22,367	+0.7	+1.2	+0.1	22,155	22,580	22,801	18,315	+21.0
Furniture and related products.....	6,623	6,769	6,769	-2.2	0.0	+1.5	6,810	7,089	6,726	8,187	-16.8

^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 Aug. 01/00
	Aug. 2001 ^p	July 2001 ^r	June 2001	July - Aug.	June - July	May - June	Aug. 2001 ^p	July 2001 ^r	June 2001	Aug. 2000	
All manufacturing industries.....	465,269	468,378	471,967	-0.7	-0.8	-1.0	466,949	469,116	467,514	482,674	-3.3
Excluding transportation.....	391,180	393,994	397,420	-0.7	-0.9	-0.9	391,657	394,053	394,042	403,966	-3.0
Excluding defense.....	443,777	446,961	450,500	-0.7	-0.8	-0.9	444,918	447,345	445,990	458,873	-3.0
Durable goods industries.....	295,649	297,940	300,823	-0.8	-1.0	-1.1	297,731	298,995	297,850	308,827	-3.6
Wood products.....	9,697	9,818	9,970	-1.2	-1.5	+0.5	9,584	9,659	9,642	9,987	-4.0
Nonmetallic mineral products.....	9,815	9,942	10,039	-1.3	-1.0	+0.3	9,699	9,907	10,014	9,731	-0.3
Primary metals.....	20,535	20,816	21,117	-1.3	-1.4	-1.6	20,542	20,829	20,878	22,977	-10.6
Iron and steel mills.....	11,184	11,305	11,389	-1.1	-0.7	-1.5	11,242	11,360	11,233	12,807	-12.2
Aluminum and nonferrous metals.....	7,515	7,675	7,898	-2.1	-2.8	-2.3	7,494	7,651	7,790	8,406	-10.8
Ferrous metal foundries.....	1,836	1,836	1,830	0.0	+0.3	+0.7	1,806	1,818	1,855	1,764	+2.4
Fabricated metal products.....	34,014	34,116	34,367	-0.3	-0.7	-1.6	33,947	34,328	34,464	35,238	-3.7
Machinery.....	50,364	50,622	51,022	-0.5	-0.8	0.0	50,348	50,289	50,356	50,049	+0.6
Farm machinery.....	2,161	2,200	2,226	-1.8	-1.2	+0.4	2,077	2,105	2,171	2,118	-1.9
Construction machinery.....	3,876	3,888	3,830	-0.3	+1.5	-1.0	3,793	3,826	3,804	3,592	+5.6
Mining, oil field, and gas field machinery.....	2,773	2,740	2,807	+1.2	-2.4	+4.7	2,849	2,795	2,853	2,617	+8.9
Industrial machinery.....	8,875	8,886	8,965	-0.1	-0.9	-1.3	8,834	8,750	8,898	9,004	-1.9
Photographic equipment.....	2,332	2,340	2,340	-0.3	0.0	-2.1	2,308	2,290	2,296	2,212	+4.3
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,763	4,771	4,707	-0.2	+1.4	-1.9	4,741	4,764	4,707	4,626	+2.5
Metalworking machinery.....	5,994	6,063	6,057	-1.1	+0.1	-1.7	6,226	6,222	6,056	6,131	+1.5
Turbines, generators, and other power transmission equipment.....	5,504	5,542	5,764	-0.7	3.9	+5.4	5,644	5,599	5,601	5,564	+1.4
Material handling equipment.....	2,598	2,608	2,634	-0.4	-1.0	+1.0	2,517	2,510	2,578	2,385	+5.5
Computers and electronic products.....	55,619	56,432	57,537	-1.4	-1.9	-1.7	56,716	57,034	56,834	59,379	-4.5
Electronic computers.....	3,306	3,376	3,400	-2.1	-0.7	-5.3	3,526	3,378	3,238	3,931	-10.3
Computer storage devices.....	1,656	1,695	1,724	-2.3	-1.7	-6.5	1,697	1,685	1,591	1,750	-3.0
Nondefense communications equipment.....	10,217	10,633	10,905	-3.9	-2.5	-1.4	10,254	10,580	10,502	12,842	-20.2
Defense communications equipment.....	585	582	580	+0.5	+0.3	-0.3	589	582	599	594	-0.8
Audio and video equipment.....	1,035	1,065	1,107	-2.8	-3.8	-0.8	1,121	1,138	1,140	1,185	-5.4
Semiconductors.....	8,026	7,980	8,472	+0.6	-5.8	+0.2	8,044	8,130	8,496	7,337	+9.6
Electronic components.....	9,194	9,491	9,606	-3.1	-1.2	-1.6	9,350	9,628	9,588	9,957	-6.1
Nondefense search and navigation equipment.....	2,730	2,721	2,674	+0.3	+1.8	-1.1	2,772	2,788	2,639	2,708	+2.4
Defense search and navigation equipment.....	3,203	3,201	3,196	+0.1	+0.2	+1.9	3,317	3,268	3,212	3,257	+1.8
Electromedical, measuring and control instruments.....	11,461	11,473	11,626	-0.1	-1.3	-2.4	11,621	11,563	11,649	11,196	+3.8
Electrical equipment, appliances, and components.....	15,210	15,226	15,481	-0.1	-1.6	-1.9	15,109	15,177	15,421	15,413	-2.0
Electric lighting equipment.....	1,714	1,743	1,759	-1.7	-0.9	-0.8	1,744	1,785	1,780	1,858	-6.1
Household appliances.....	2,433	2,420	2,422	+0.5	-0.1	-0.3	2,378	2,415	2,449	2,567	-7.4
Electrical equipment.....	4,822	4,843	4,873	-0.4	-0.6	-2.1	4,853	4,817	4,724	4,767	+1.8
Batteries.....	802	797	804	+0.6	-0.9	-1.6	840	824	822	878	-4.3
Transportation equipment.....	74,089	74,384	74,547	-0.4	-0.2	-1.6	75,292	75,063	73,472	78,708	-4.3
Automobiles.....	2,115	2,194	2,021	-3.6	+8.6	-3.4	2,223	2,309	1,951	2,427	-8.4
Light trucks and utility vehicles.....	1,738	1,815	1,868	-4.2	-2.8	+5.2	1,792	1,839	1,780	1,931	-7.2
Heavy duty trucks.....	959	973	962	-1.4	+1.1	-3.3	953	955	949	1,103	-13.6
Motor vehicle bodies, parts, and trailers.....	16,387	16,540	16,855	-0.9	-1.9	-1.4	16,463	16,691	16,594	17,863	-7.8
Nondefense aircraft and parts.....	31,216	31,211	31,167	0.0	+0.1	-0.2	31,694	31,315	30,642	31,875	-0.6
Defense aircraft and parts.....	9,877	9,769	9,705	+1.1	+0.7	-2.8	10,119	9,951	9,696	11,215	-9.8
Ships and boats.....	2,259	2,249	2,354	+0.4	-4.5	-0.8	2,270	2,273	2,406	2,191	+3.6
Furniture and related products.....	8,214	8,400	8,549	-2.2	-1.7	-1.0	8,252	8,535	8,680	9,029	-8.6
Miscellaneous durable goods.....	18,092	18,184	18,194	-0.5	-0.1	+0.2	18,242	18,174	18,089	18,316	-0.4
Nondurable goods industries.....	169,620	170,438	171,144	-0.5	-0.4	-0.8	169,218	170,121	169,664	173,847	-2.7
Food products.....	29,872	29,936	29,804	-0.2	+0.4	+0.3	29,676	29,216	28,585	29,887	-0.7
Grain and oilseed milling.....	3,277	3,299	3,287	-0.7	+0.4	-0.8	3,047	3,150	3,094	3,179	-4.2
Dairy products.....	3,040	3,077	3,100	-1.2	-0.7	+2.5	3,119	3,220	3,186	3,154	-1.1
Meat, poultry, and seafood products.....	5,835	5,748	5,682	+1.5	+1.2	-0.1	5,750	5,705	5,701	5,434	+5.8
Beverage and tobacco products.....	14,063	14,057	13,871	0.0	+1.3	+0.5	13,584	13,365	13,300	13,407	+1.3
Beverages.....	8,339	8,300	8,192	+0.5	+1.3	-0.2	8,183	8,096	8,074	7,860	+4.1
Tobacco.....	5,724	5,757	5,679	-0.6	+1.4	+1.6	5,401	5,269	5,226	5,547	-2.6
Textile mills.....	6,464	6,508	6,591	-0.7	-1.3	-1.7	6,478	6,593	6,619	6,950	-6.8
Textile products.....	4,541	4,553	4,621	-0.3	-1.5	-1.5	4,536	4,577	4,709	4,869	-6.8
Apparel.....	9,835	9,976	10,154	-1.4	-1.8	-1.1	9,977	10,383	10,607	10,284	-3.0
Leather and allied products.....	1,499	1,505	1,509	-0.4	-0.3	-1.9	1,546	1,549	1,532	1,708	-9.5
Paper products.....	15,427	15,537	15,696	-0.7	-1.0	-0.3	15,488	15,597	15,645	16,497	-6.1
Pulp, paper, and paperboard mills.....	6,829	6,895	6,997	-1.0	-1.5	-1.4	6,828	6,902	7,021	7,189	-5.0
Paperboard containers.....	4,320	4,348	4,400	-0.6	-1.2	-0.2	4,356	4,372	4,328	4,817	-9.6
Printing.....	6,318	6,395	6,408	-1.2	-0.2	-1.3	6,622	6,624	6,425	7,278	-9.0
Petroleum and coal products.....	12,871	12,935	13,098	-0.5	-1.2	-1.7	12,989	13,067	13,296	13,483	-3.7
Petroleum refineries.....	11,158	11,134	11,217	+0.2	-0.7	-1.6	11,211	11,215	11,322	11,455	-2.1
Basic chemicals.....	50,940	51,194	51,428	-0.5	-0.5	-1.2	50,805	51,404	51,058	51,233	-0.8
Pesticides, fertilizers, and other agricultural chemicals.....	2,873	2,908	2,972	-1.2	-2.2	-0.3	2,480	2,521	2,638	2,322	+6.8
Pharmaceuticals and medicines.....	17,785	17,654	17,658	+0.7	0.0	-0.5	18,065	17,984	17,597	17,567	+2.8
Paints, coatings, and adhesives.....	3,277	3,283	3,244	-0.2	+1.2	-2.1	3,254	3,329	3,320	3,153	+3.2
Plastics and rubber products.....	17,790	17,842	17,964	-0.3	-0.7	-1.2	17,517	17,746	17,888	18,251	-4.0

^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 Aug. 01/00	Year to date	
	Aug. 2001 ^p	July 2001 ^r	June 2001	July - Aug.	June - July	May - June	Aug. 2001 ^p	July 2001 ^r	June 2001	Aug. 2000		2001 ^p	2000
SHIPMENTS													
All manufacturing industries.....	336,735	338,546	337,322	-0.5	+0.4	-2.9	342,212	302,651	361,374	361,493	-5.3	2,706,367	2,829,694
Construction materials and supplies.....	33,293	33,148	32,968	+0.4	+0.5	-2.9	35,624	32,560	35,880	36,545	-2.5	266,815	284,623
Information technology.....	28,590	30,049	30,864	-4.9	-2.6	-2.6	26,285	25,988	36,028	33,658	-21.9	243,553	268,244
Capital goods.....	68,205	69,553	71,356	-1.9	-2.5	-1.7	64,846	60,579	81,179	73,858	-12.2	559,187	589,986
Nondefense capital goods ³	61,639	63,113	64,681	-2.3	-2.4	-2.8	58,457	54,821	73,824	68,367	-14.5	511,486	544,842
Excluding aircraft.....	57,533	58,704	59,720	-2.0	-1.7	-3.3	54,382	51,687	67,783	63,394	-14.2	476,677	509,135
Defense capital goods ⁴	6,566	6,440	6,675	+2.0	-3.5	+9.6	6,389	5,758	7,355	5,491	+16.4	47,701	45,144
Consumer goods.....	129,339	128,301	126,218	+0.8	+1.7	-4.1	133,577	114,303	131,137	132,602	+0.7	1,014,772	1,028,875
Consumer durable goods.....	36,098	35,714	34,132	+1.1	+4.6	-4.0	37,036	24,830	36,767	35,805	+3.4	271,321	295,453
Consumer nondurable goods.....	93,241	92,587	92,086	+0.7	+0.5	-4.1	96,541	89,473	94,370	96,797	-0.3	743,451	733,422
NEW ORDERS													
All manufacturing industries.....	332,569	332,608	332,939	0.0	-0.1	-2.9	334,154	296,555	351,812	359,191	-7.0	2,672,389	2,885,800
Construction materials and supplies.....	33,197	33,081	32,941	+0.4	+0.4	-2.5	35,312	32,684	35,875	36,481	-3.2	265,906	286,731
Information technology.....	28,399	28,752	28,548	-1.2	+0.7	-3.0	24,530	23,885	33,097	32,915	-25.5	234,635	277,782
Capital goods.....	65,851	65,808	66,809	+0.1	-1.5	-4.5	59,279	54,674	73,319	74,022	-19.9	537,336	631,175
Nondefense capital goods ³	60,083	59,476	61,364	+1.0	-3.1	-3.8	55,186	50,346	68,675	69,067	-20.1	493,563	566,599
Excluding aircraft.....	56,503	56,287	57,705	+0.4	-2.5	-3.1	52,046	49,626	63,475	63,212	-17.7	464,740	526,275
Defense capital goods ⁴	5,768	6,332	5,445	-8.9	+16.3	-11.8	4,093	4,328	4,644	4,955	-17.4	43,773	64,576
Consumer goods.....	129,464	128,458	126,258	+0.8	+1.7	-3.7	133,586	114,830	130,609	132,189	+1.1	1,012,398	1,029,102
Consumer durable goods.....	36,223	35,871	34,172	+1.0	+5.0	-2.7	37,045	25,357	36,239	35,392	+4.7	268,947	295,680
UNFILLED ORDERS													
All manufacturing industries.....	564,010	568,176	574,112	-0.7	-1.0	-0.8	558,036	566,094	572,190	579,320	-3.7	(X)	(X)
Construction materials and supplies.....	34,912	35,008	35,075	-0.3	-0.2	-0.1	35,159	35,471	35,347	36,966	-4.9	(X)	(X)
Information technology.....	106,190	106,381	107,678	-0.2	-1.2	-2.1	104,203	105,958	108,061	111,951	-6.9	(X)	(X)
Capital goods.....	389,457	391,811	395,555	-0.6	-0.9	-1.1	383,293	388,860	394,765	388,162	-1.3	(X)	(X)
Nondefense capital goods ³	266,468	268,024	271,660	-0.6	-1.3	-1.2	262,721	265,992	270,467	265,023	-0.9	(X)	(X)
Excluding aircraft.....	152,637	153,667	156,083	-0.7	-1.5	-1.3	150,776	153,112	155,173	162,866	-7.4	(X)	(X)
Defense capital goods ⁴	122,989	123,787	123,895	-0.6	-0.1	-1.0	120,572	122,868	124,298	123,139	-2.1	(X)	(X)
Consumer goods.....	8,547	8,422	8,265	+1.5	+1.9	+0.5	8,506	8,497	7,970	9,906	-14.1	(X)	(X)
Consumer durable goods.....	8,547	8,422	8,265	+1.5	+1.9	+0.5	8,506	8,497	7,970	9,906	-14.1	(X)	(X)
TOTAL INVENTORIES													
All manufacturing industries.....	465,269	468,378	471,967	-0.7	-0.8	-1.0	466,949	469,116	467,514	482,674	-3.3	(X)	(X)
Construction materials and supplies.....	47,562	47,861	48,357	-0.6	-1.0	-0.7	47,229	47,841	48,025	48,606	-2.8	(X)	(X)
Information technology.....	46,170	46,724	47,422	-1.2	-1.5	-2.2	46,924	46,902	46,692	49,640	5.5	(X)	(X)
Capital goods.....	145,423	146,132	147,309	-0.5	-0.8	-1.3	147,101	146,535	145,390	150,401	-2.2	(X)	(X)
Nondefense capital goods ³	127,084	127,914	129,045	-0.6	-0.9	-0.9	128,376	128,011	127,070	131,058	-2.0	(X)	(X)
Excluding aircraft.....	102,925	103,707	104,890	-0.8	-1.1	-1.0	103,776	103,695	103,459	106,074	-2.2	(X)	(X)
Defense capital goods ⁴	18,339	18,218	18,264	+0.7	-0.3	-4.0	18,725	18,524	18,320	19,343	-3.2	(X)	(X)
Consumer goods.....	128,673	129,400	129,665	-0.6	-0.2	-0.4	128,833	129,004	128,302	131,748	-2.2	(X)	(X)
Consumer durable goods.....	27,928	28,438	28,524	-1.8	-0.3	-0.4	28,147	28,499	28,274	29,754	-5.4	(X)	(X)
Consumer nondurable goods.....	100,745	100,962	101,141	-0.2	-0.2	-0.4	100,686	100,505	100,028	101,994	-1.3	(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 Aug. 01/00
	Aug. 2001 ^P	July 2001 ^F	June 2001	July - Aug.	June - July	May - June	Aug. 2001 ^P	July 2001 ^F	June 2001	Aug. 2000	
MATERIALS AND SUPPLIES											
All manufacturing industries.....	154,136	155,534	156,921	-0.9	-0.9	-1.6	154,253	156,088	155,162	163,667	-5.8
Durable goods industries.....	94,424	95,366	96,710	-1.0	-1.4	-2.0	95,064	95,997	95,238	101,621	-6.5
Wood products.....	3,825	3,904	3,984	-2.0	-2.0	+0.4	3,786	3,693	3,562	3,914	-3.3
Nonmetallic mineral products.....	3,347	3,381	3,384	-1.0	-0.1	-0.4	3,380	3,370	3,352	3,411	-0.9
Primary metals.....	6,972	7,028	7,155	-0.8	-1.8	-2.6	7,015	7,001	7,043	7,872	-10.9
Fabricated metal products.....	10,587	10,579	10,679	+0.1	-0.9	-2.8	10,667	10,724	10,710	11,631	-8.3
Machinery.....	17,815	17,986	18,161	1.0	-1.0	-0.1	17,966	18,110	17,895	17,450	+3.0
Computers and electronic products.....	19,263	19,805	20,281	-2.7	-2.3	-4.3	19,687	20,204	20,227	23,075	-14.7
Electrical equipment, appliances, and components.....	5,898	5,896	6,095	0.0	-3.3	-3.3	5,839	5,863	6,001	5,889	-0.8
Transportation equipment.....	16,978	16,932	17,022	+0.3	-0.5	-1.8	16,949	17,148	16,522	18,171	-6.7
Furniture and related products.....	3,283	3,358	3,414	-2.2	-1.6	-1.8	3,295	3,406	3,445	3,739	-11.9
Miscellaneous products.....	6,456	6,497	6,535	-0.6	-0.6	+0.5	6,480	6,478	6,481	6,469	+0.2
Nondurable goods industries.....	59,712	60,168	60,211	-0.8	-0.1	-1.0	59,189	60,091	59,924	62,046	-4.6
Food products.....	10,634	10,824	10,628	-1.8	+1.8	-0.4	10,326	10,669	10,441	10,563	-2.2
Beverage and tobacco products.....	5,895	5,949	5,926	-0.9	+0.4	+0.3	5,761	5,750	5,760	5,880	-2.0
Textiles.....	1,721	1,735	1,747	-0.8	-0.7	-3.0	1,732	1,759	1,729	2,005	-13.6
Textile products.....	1,551	1,582	1,607	-2.0	-1.6	-1.9	1,569	1,614	1,649	1,804	-13.0
Apparel.....	2,207	2,235	2,270	-1.3	-1.5	-2.2	2,143	2,219	2,306	2,482	-13.7
Leather and allied products.....	411	425	428	-3.3	-0.7	-3.4	419	437	437	449	-6.7
Paper products.....	7,395	7,443	7,514	-0.6	-0.9	-0.3	7,401	7,435	7,442	7,729	-11.2
Printing.....	2,796	2,845	2,838	-1.7	+0.2	-4.3	2,879	2,860	2,816	3,268	-4.9
Petroleum and coal products.....	3,859	3,962	3,949	2.6	+0.3	+2.2	3,869	4,009	4,074	4,262	-9.2
Basic chemicals.....	15,865	15,866	16,004	0.0	-0.9	-1.7	15,768	15,998	15,999	16,219	-2.8
Plastics and rubber products.....	7,378	7,302	7,300	+1.0	0.0	-1.4	7,322	7,341	7,271	7,385	-0.9
WORK IN PROCESS											
All manufacturing industries.....	136,138	136,784	137,404	-0.5	-0.5	-1.2	137,373	137,165	136,144	143,762	-4.4
Durable goods industries.....	107,538	108,260	108,800	-0.7	-0.5	-1.1	109,085	108,802	107,896	113,936	-4.3
Wood products.....	1,888	1,901	1,897	-0.7	+0.2	+0.9	1,890	1,873	1,866	2,076	-9.0
Nonmetallic mineral products.....	1,430	1,471	1,497	-2.8	-1.7	+0.3	1,413	1,463	1,481	1,400	+0.9
Primary metals.....	6,985	7,068	7,123	-1.2	-0.8	-1.2	7,002	7,128	7,064	7,905	-11.4
Fabricated metal products.....	11,486	11,493	11,564	-0.1	-0.6	-0.2	11,565	11,600	11,602	11,420	+1.3
Machinery.....	14,848	14,983	15,050	-0.9	-0.4	-0.2	15,022	15,031	14,968	15,501	-3.1
Computers and electronic products.....	18,334	18,442	18,724	-0.6	-1.5	-1.1	18,920	18,781	18,859	19,959	-5.2
Electrical equipment, appliances, and components.....	3,670	3,729	3,783	-1.6	-1.4	-2.4	3,684	3,778	3,781	3,902	-5.6
Transportation equipment.....	44,136	44,313	44,330	-0.4	0.0	-1.7	44,767	44,210	43,447	46,801	-4.3
Furniture and related products.....	1,597	1,681	1,725	-5.0	-2.6	-2.9	1,603	1,692	1,715	1,829	-12.4
Miscellaneous products.....	3,164	3,179	3,107	-0.5	+2.3	+1.0	3,219	3,246	3,113	3,143	+2.4
Nondurable goods industries.....	28,600	28,524	28,604	+0.3	-0.3	-1.8	28,288	28,363	28,248	29,826	-5.2
Food products.....	2,451	2,416	2,470	+1.4	-2.2	-4.2	2,261	2,224	2,311	2,415	-6.4
Beverage and tobacco products.....	3,381	3,323	3,258	+1.7	+2.0	+0.1	3,113	3,028	3,015	3,091	+0.7
Textiles.....	1,636	1,655	1,702	-1.1	-2.8	-0.8	1,631	1,667	1,685	1,832	-11.0
Textile products.....	889	890	903	-0.1	-1.4	-0.7	887	888	907	957	-7.3
Apparel.....	1,745	1,759	1,870	-0.8	-5.9	-5.9	1,740	1,818	1,977	2,252	-22.7
Leather and allied products.....	195	194	206	+0.5	-5.8	-5.9	197	197	198	263	-25.1
Paper products.....	1,430	1,410	1,425	+1.4	-1.1	-1.5	1,444	1,405	1,426	1,506	-4.1
Printing.....	1,828	1,896	1,931	-3.6	-1.8	+2.3	1,955	2,049	1,912	2,221	-12.0
Petroleum and coal products.....	2,760	2,843	2,807	-2.9	+1.3	-2.1	2,797	2,837	2,778	3,119	-10.3
Basic chemicals.....	9,850	9,691	9,595	+1.6	+1.0	-2.6	9,871	9,837	9,632	9,862	+0.1
Plastics and rubber products.....	2,435	2,447	2,437	-0.5	+0.4	+0.2	2,392	2,413	2,407	2,308	+3.6
FINISHED GOODS											
All manufacturing industries.....	174,995	176,060	177,642	-0.6	-0.9	-0.3	175,323	175,863	176,208	175,245	0.0
Durable goods industries.....	93,687	94,314	95,313	-0.7	-1.0	-0.2	93,582	94,196	94,716	93,270	+0.3
Wood products.....	3,984	4,013	4,089	-0.7	-1.9	+0.4	3,908	4,093	4,214	3,997	-2.2
Nonmetallic mineral products.....	5,038	5,090	5,158	-1.0	-1.3	+0.7	4,906	5,074	5,181	4,920	-0.3
Primary metals.....	6,578	6,720	6,839	-2.1	-1.7	-0.8	6,525	6,700	6,771	7,200	-9.4
Fabricated metal products.....	11,941	12,044	12,124	-0.9	-0.7	-1.8	11,715	12,004	12,152	12,187	-3.9
Machinery.....	17,701	17,653	17,811	+0.3	-0.9	+0.3	17,360	17,148	17,493	17,098	+1.5
Computers and electronic products.....	18,022	18,185	18,532	-0.9	-1.9	+0.7	18,109	18,049	17,748	16,345	+10.8
Electrical equipment, appliances, and components.....	5,642	5,601	5,603	+0.7	0.0	+0.1	5,586	5,536	5,639	5,622	-0.6
Transportation equipment.....	12,975	13,139	13,195	-1.2	-0.4	-1.1	13,576	13,705	13,503	13,736	-1.2
Furniture and related products.....	3,334	3,361	3,410	-0.8	-1.4	+0.8	3,354	3,437	3,520	3,461	-3.1
Miscellaneous products.....	8,472	8,508	8,552	-0.4	-0.5	-0.4	8,543	8,450	8,495	8,704	-1.8
Nondurable goods industries.....	81,308	81,746	82,329	-0.5	-0.7	-0.3	81,741	81,667	81,492	81,975	-0.3
Food products.....	16,787	16,696	16,706	+0.5	-0.1	+1.4	17,089	16,323	15,833	16,909	+1.1
Beverage and tobacco products.....	4,787	4,785	4,687	0.0	+2.1	+1.0	4,710	4,587	4,525	4,436	+6.2
Textiles.....	3,107	3,118	3,142	-0.4	-0.8	-1.4	3,115	3,167	3,205	3,113	+0.1
Textile products.....	2,101	2,081	2,111	+1.0	-1.4	-1.5	2,080	2,075	2,153	2,108	-1.3
Apparel.....	5,883	5,982	6,014	-1.7	-0.5	+1.0	6,094	6,346	6,324	5,550	+9.8
Leather and allied products.....	893	886	875	+0.8	+1.3	-0.2	930	915	897	996	-6.6
Paper products.....	6,602	6,684	6,757	-1.2	-1.1	-0.1	6,643	6,757	6,777	7,262	-8.5
Printing.....	1,694	1,654	1,639	+2.4	+0.9	+0.1	1,788	1,715	1,697	1,789	-0.1
Petroleum and coal products.....	6,252	6,130	6,342	+2.0	-3.3	-3.8	6,323	6,221	6,444	6,102	+3.6
Basic chemicals.....	25,225	25,637	25,829	-1.6	-0.7	-0.4	25,166	25,569	25,427	25,152	+0.1
Plastics and rubber products.....	7,977	8,093	8,227	-1.4	-1.6	-1.5	7,803	7,992	8,210	8,558	-8.8

^P Preliminary ^F Revised

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

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

Industry	Inventory/Shipments ratio				Unfilled Orders/Shipments ratio ¹			
	Aug 2001 ^P	Jul 2001 ^r	Jun 2001	May 2001	Aug 2001 ^P	Jul 2001 ^r	Jun 2001	May 2001
All manufacturing industries.....	1.38	1.38	1.40	1.37	(X)	(X)	(X)	(X)
Durable goods industries.....	1.59	1.59	1.60	1.58	4.25	4.22	4.22	4.15
Wood products.....	1.38	1.38	1.38	1.37	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.28	1.31	1.33	1.30	(X)	(X)	(X)	(X)
Primary metals.....	1.71	1.72	1.78	1.74	1.54	1.55	1.60	1.52
Fabricated metal products.....	1.66	1.67	1.71	1.68	2.14	2.17	2.20	2.13
Machinery.....	2.04	2.06	2.11	2.02	2.64	2.68	2.76	2.61
Computers and electronic products.....	1.66	1.60	1.56	1.55	4.51	4.27	4.16	4.18
Electrical equipment, appliances, and components.....	1.43	1.45	1.41	1.40	1.72	1.77	1.67	1.66
Transportation equipment.....	1.38	1.37	1.39	1.39	8.78	8.70	8.60	8.74
Furniture and related products.....	1.36	1.40	1.47	1.42	1.23	1.26	1.32	1.23
Miscellaneous products.....	1.85	1.88	1.90	1.87	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.12	1.13	1.14	1.11	(X)	(X)	(X)	(X)
Food products.....	0.77	0.78	0.78	0.78	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.38	1.42	1.45	1.35	(X)	(X)	(X)	(X)
Textiles.....	1.72	1.69	1.69	1.70	(X)	(X)	(X)	(X)
Textile products.....	1.61	1.62	1.66	1.71	(X)	(X)	(X)	(X)
Apparel.....	1.93	1.98	1.98	1.94	(X)	(X)	(X)	(X)
Leather and allied products.....	2.09	2.11	2.02	1.98	(X)	(X)	(X)	(X)
Paper products.....	1.18	1.19	1.20	1.18	(X)	(X)	(X)	(X)
Printing.....	0.77	0.78	0.78	0.76	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.72	0.72	0.72	0.66	(X)	(X)	(X)	(X)
Basic chemicals.....	1.43	1.44	1.47	1.42	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.18	1.16	1.22	1.23	(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		
	Aug ¹ 2001	Aug ² 1996-2000	Aug 2000-Jul 2001	Aug ¹ 2001	Aug ² 1996-2000	Aug 2000-Jul 2001	Aug ¹ 2001	Aug ² 1996-2000	Aug 2000-Jul 2001	Aug ¹ 2001	Aug ² 1996-2000	Aug 2000-Jul 2001
All manufacturing industries.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Durable goods industries.....	0.2	(NA)	(NA)	0.3	(NA)	(NA)	0.1	(NA)	(NA)	-0.1	(NA)	(NA)
Wood products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Nonmetallic mineral products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Primary metals.....	0.2	(NA)	(NA)	-0.3	(NA)	(NA)	-0.5	(NA)	(NA)	0.0	(NA)	(NA)
Fabricated metal products.....	0.3	(NA)	(NA)	0.1	(NA)	(NA)	0.0	(NA)	(NA)	-0.2	(NA)	(NA)
Machinery.....	0.1	(NA)	(NA)	0.2	(NA)	(NA)	0.1	(NA)	(NA)	0.1	(NA)	(NA)
Computers and electronic products.....	0.2	(NA)	(NA)	0.1	(NA)	(NA)	-0.1	(NA)	(NA)	-0.1	(NA)	(NA)
Electrical equipment, appliances, and components.....	0.0	(NA)	(NA)	0.0	(NA)	(NA)	0.0	(NA)	(NA)	-0.1	(NA)	(NA)
Transportation equipment.....	0.4	(NA)	(NA)	0.7	(NA)	(NA)	0.1	(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

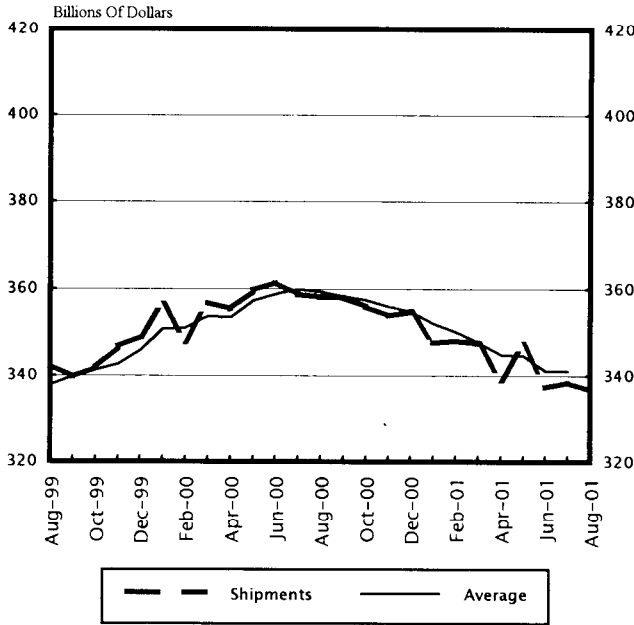
NOTE: The five year and the twelve month revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the absolute values of the differences for the months specified. The advance to final percent change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

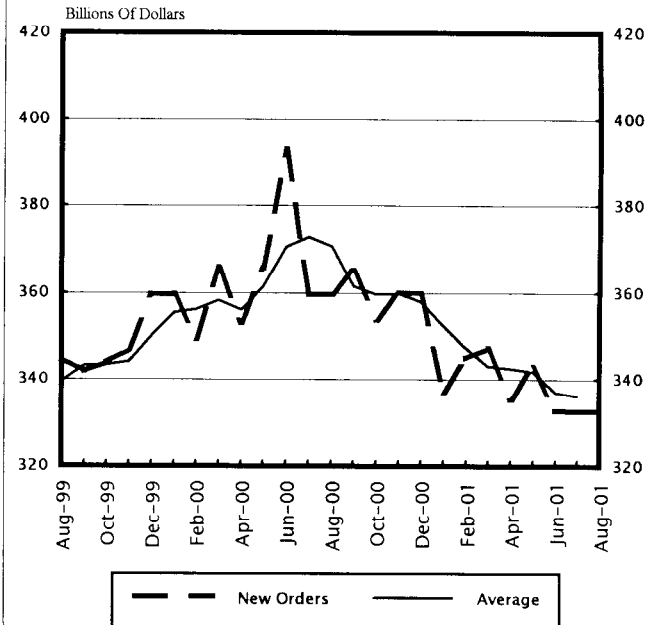
² Average revisions of the current month for the past five years.

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.

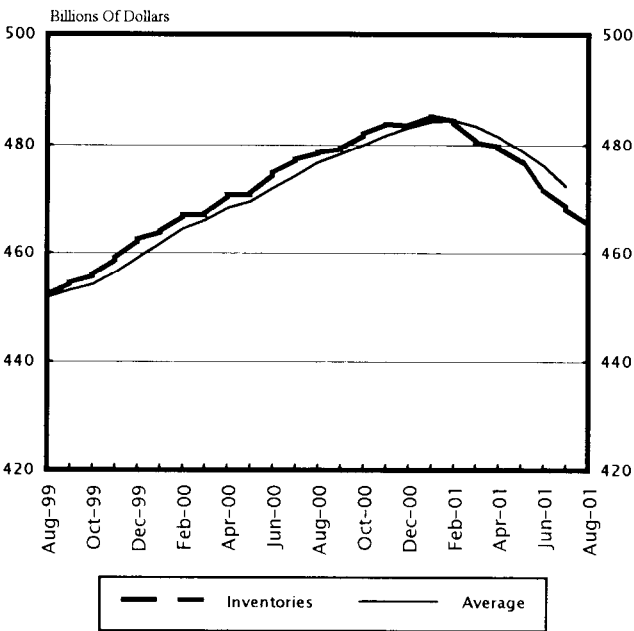
Total Manufacturing Shipments and Three Month Moving Average



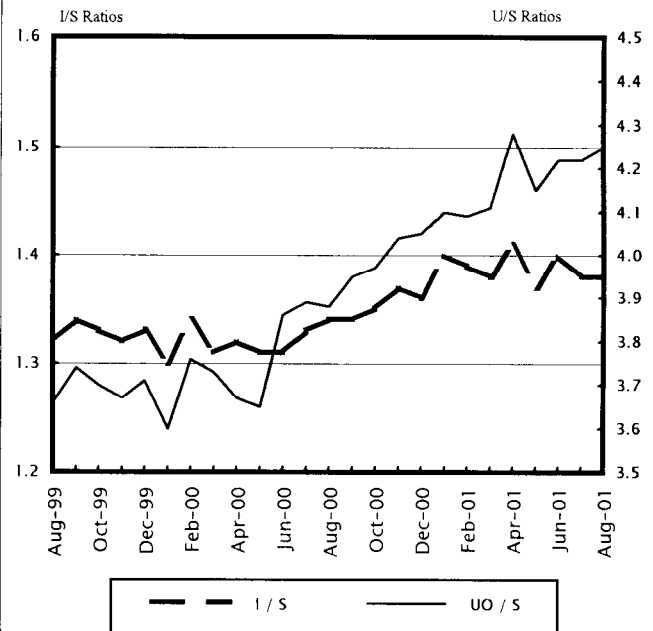
Total Manufacturing New Orders and Three Month Moving Average



Total Manufacturing Total Inventories and Three Month Moving Average

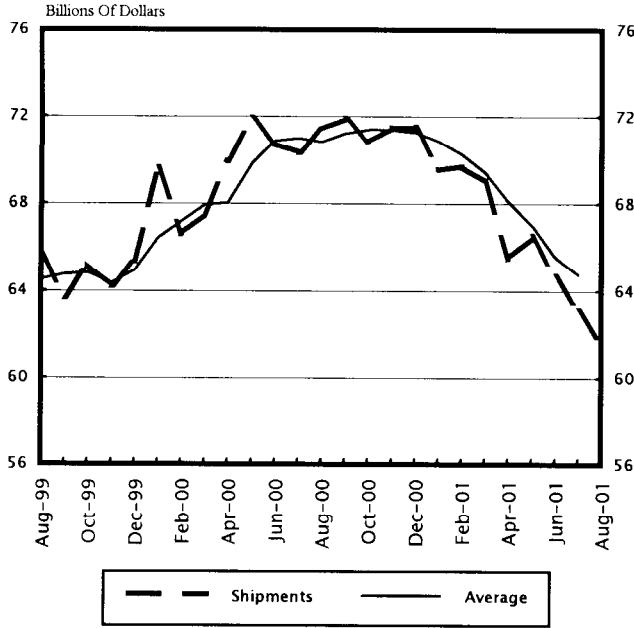


Total Manufacturing Ratios of Unfilled Orders and Total Inventories to Shipments

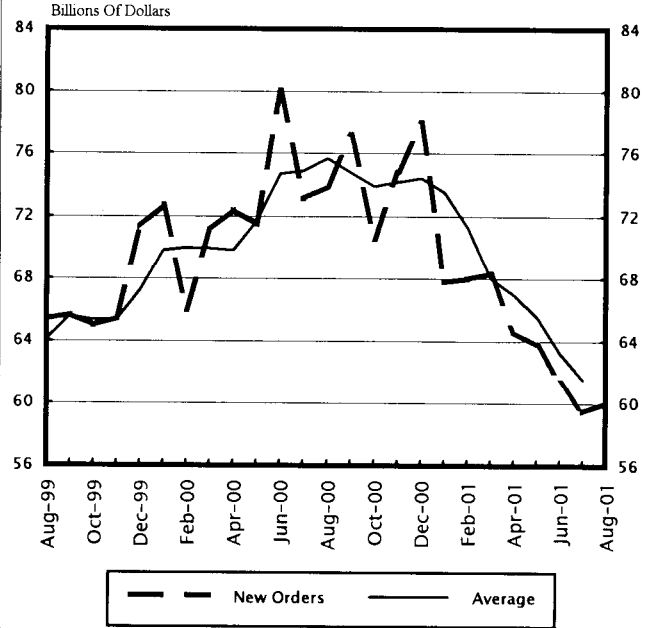


Note: All charts based on seasonally adjusted current dollars.

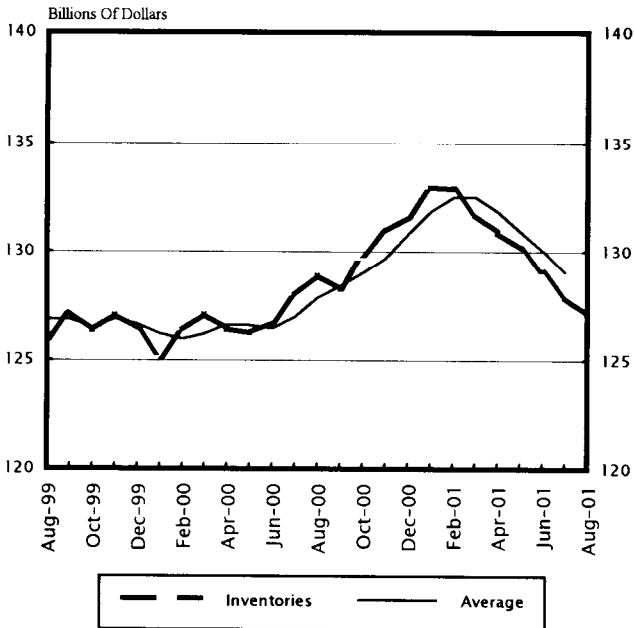
Nondefense Capital Goods Shipments and Three Month Moving Average



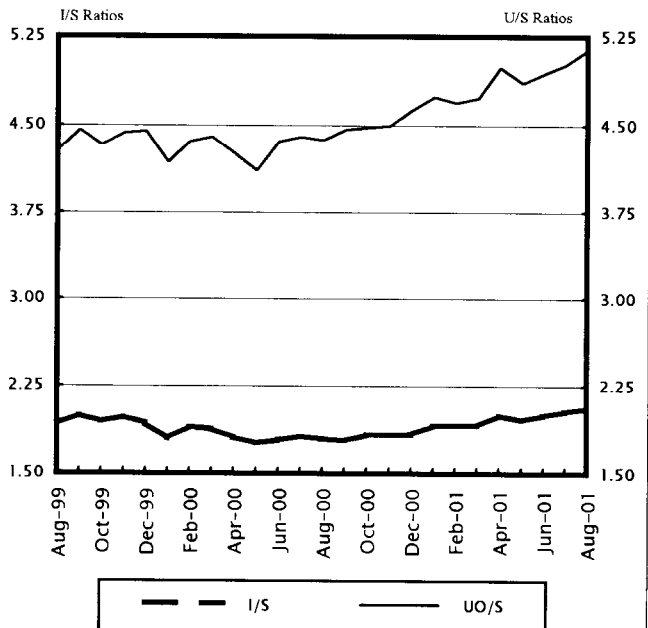
Nondefense Capital Goods New Orders and Three Month Moving Average



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.