

Manufacturers' Shipments, Inventories, and Orders

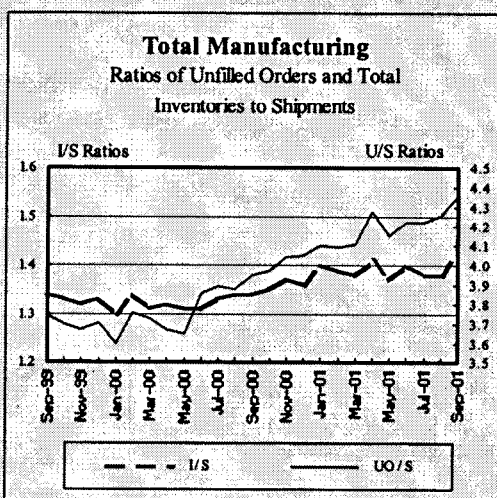
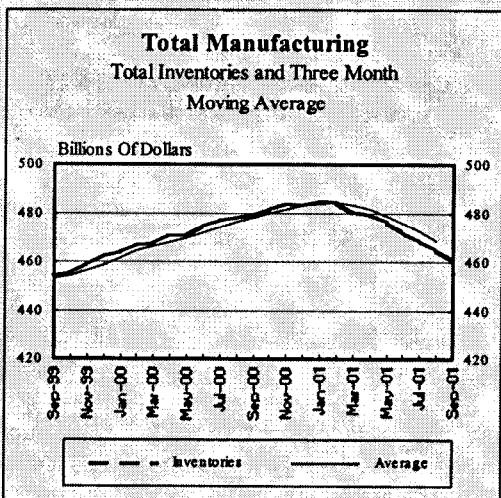
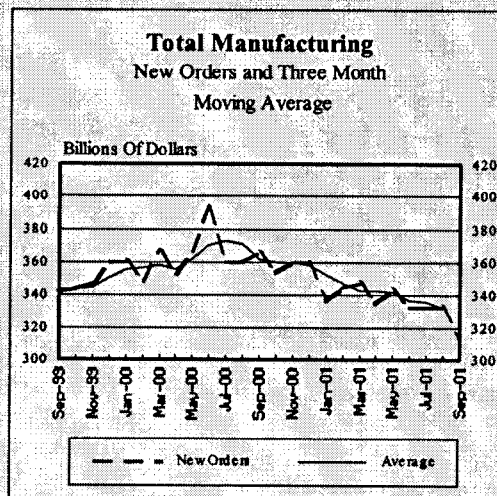
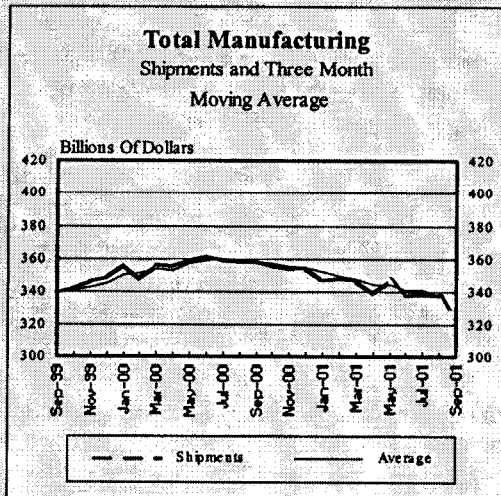
September
2001

M3-1(01)-9

Current
Industrial
Reports

For Wire Transmission 10:00 a.m. E.D.T., November 2, 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 October is scheduled for November 29, 2001 at 8:30 a.m. and the full report on December 6, 2001 at 10:00 a.m. For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

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Special Notice: Because of the terrorist attacks of September 11, the Census Bureau altered an option in its seasonal adjustment procedures used to produce the seasonally adjusted data for the September release. This alteration ensured that the published seasonally adjusted values fully include the effects of the attacks and eliminated the distortion that September's atypical events would otherwise have had on seasonal factors for September and surrounding months. The revised seasonal adjustment option was used whenever the appropriate statistical test showed that the unadjusted September value was not in a typical range. For further information, see <http://www.census.gov/indicator/www/m3/sep2001pfaq.html>

Summary

New orders for manufactured goods in September decreased \$19.3 billion or 5.8 percent to \$313.1 billion, the Department of Commerce, Bureau of the Census reported today. This follows a 0.1 percent August decrease and is the lowest level since March 1997. Year to date, new orders for 2001 are 7.7 percent below the same period a year ago; new orders for the third quarter are 3.3 percent below the second quarter.

Shipments decreased \$14.3 billion or 4.2 percent to \$323.1 billion, following a 0.3 percent August decrease. This is the lowest level since August 1998. Year to date, shipments for 2001 are 4.6 percent below the same period a year ago; shipments for the third quarter are 2.4 percent below the second quarter.

Unfilled orders, down nine consecutive months, decreased \$10.0 billion or 1.8 percent to \$553.2 billion, following a 0.9 percent August decrease. The unfilled orders-to-shipments ratio was 4.36, up from 4.26 in August.

Inventories, down eight consecutive months, decreased \$4.0 billion or 0.9 percent to \$460.9 billion, following a 0.7 percent August decrease. The inventories-to-shipments ratio was 1.43, up from 1.38 in August.

New Orders

New Orders for manufactured durable goods in September, down four consecutive months, decreased \$15.4 billion or 8.5 percent to \$165.2 billion, unrevised from the previously published 8.5 percent decrease.

Transportation equipment had the largest decrease, \$8.2 billion or 15.8 percent to \$43.5 billion. Computers and electronic products decreased \$2.7 billion or 8.4 percent to \$29.3 billion. Machinery decreased \$1.4 billion or 5.9 percent to \$22.6 billion.

New orders for nondurable goods decreased \$3.9 billion or 2.6 percent to \$148.0 billion.

Shipments

Shipments of durable goods in September, down four

consecutive months, decreased \$10.4 billion or 5.6 percent to \$175.1 billion, revised from the previously published 5.5 percent decrease.

Transportation equipment had the largest decrease, \$5.2 billion or 9.6 percent to \$48.7 billion. Machinery decreased \$1.9 billion or 7.7 percent to \$22.8 billion.

Shipments of nondurable goods decreased \$3.9 billion or 2.6 percent to \$148.0 billion. Basic chemicals had the largest decrease, \$1.6 billion or 4.4 percent to \$34.0 billion.

Unfilled Orders

Unfilled Orders for durable goods in September, down nine consecutive months, decreased \$10.0 billion or 1.8 percent to \$553.2 billion, unrevised from the previously published 1.8 percent decrease.

Transportation equipment, down four consecutive months, had the largest decrease, \$5.2 billion or 1.8 percent to \$278.9 billion. Computers and electronic products, down ten consecutive months, decreased \$3.9 billion or 2.9 percent to \$127.8 billion.

Inventories

Inventories of durable goods in September, down eight consecutive months, decreased \$3.1 billion or 1.1 percent to \$292.3 billion.

Computers and electronic products, down seven consecutive months, had the largest decrease, \$2.6 billion or 4.7 percent to \$52.8 billion.

Inventories of nondurable goods, down eight consecutive months, decreased \$0.9 billion or 0.5 percent to \$168.6 billion.

By stage of fabrication, September finished goods decreased 1.9 percent in durables and 0.4 percent in nondurables. Work in process increased slightly in durables and decreased 0.3 percent in nondurables. Materials and supplies decreased 1.5 percent in durables and 0.8 percent in nondurables.

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The advance report on durable goods for October is scheduled for November 29, 2001 at 8:30 a.m. and the full report on December 6, 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 Sept. 01/00	Year to date	
	Sept. 2001 ^P	Aug. 2001 ^r	July 2001	Aug. - Sept.	July - Aug.	June - July	Sept. 2001 ^P	Aug. 2001 ^r	July 2001	Sept. 2000		2001 ^P	2000
All manufacturing industries.....	323,110	337,443	338,546	-4.2	-0.3	+0.4	342,261	344,154	302,651	384,676	-11.0	3,050,570	3,214,370
Excluding transportation.....	274,428	283,577	284,303	-3.2	-0.3	+0.2	289,277	288,248	265,607	324,889	-11.0	2,586,612	2,709,649
Excluding defense.....	315,380	329,982	331,152	-4.4	-0.4	+0.4	333,817	336,984	296,128	377,615	-11.6	2,987,784	3,155,646
Durable goods industries.....	175,120	185,543	187,584	-5.6	-1.1	-0.1	189,389	187,070	157,642	223,760	-15.4	1,683,301	1,831,385
Wood products.....	7,269	7,069	7,105	+2.8	-0.5	-1.4	7,380	7,696	7,319	7,397	-0.2	63,517	68,809
Nonmetallic mineral products.....	7,119	7,636	7,599	-6.8	+0.5	+0.8	7,515	8,321	7,669	8,422	-10.8	68,167	73,646
Primary metals.....	11,336	11,951	12,101	-5.1	-1.2	+1.9	11,473	12,305	10,952	13,781	-16.7	109,258	126,020
Iron and steel mills.....	4,954	5,113	5,217	-3.1	-2.0	+1.9	4,891	5,327	4,778	5,890	-17.0	47,028	56,252
Aluminum and nonferrous metals.....	5,132	5,541	5,607	-7.4	-1.2	+2.8	5,301	5,596	5,078	6,460	-17.9	50,577	56,920
Ferrous metal foundries.....	1,250	1,297	1,277	-3.6	+1.6	-1.5	1,281	1,382	1,096	1,431	-10.5	11,653	12,848
Fabricated metal products.....	19,970	20,555	20,401	-2.8	+0.8	+1.5	20,532	21,708	19,016	22,362	-8.2	184,792	196,865
Machinery.....	22,797	24,701	24,607	-7.7	+0.4	+1.7	23,858	23,576	21,755	26,899	-11.3	221,333	224,871
Farm machinery.....	1,503	1,457	1,470	+3.2	-0.9	+5.3	1,439	1,330	1,389	1,153	+24.8	12,588	10,971
Construction machinery.....	1,581	1,683	1,687	-6.1	-0.2	+3.6	1,504	1,575	1,535	1,566	-4.0	15,386	16,733
Mining, oil field, and gas field machinery.....	1,070	1,094	1,097	-2.2	-0.3	+3.3	1,105	1,071	1,036	886	+24.7	9,474	7,271
Industrial machinery.....	3,327	3,365	3,528	-1.1	-4.6	-4.2	3,490	3,043	3,234	4,785	-27.1	34,089	36,216
Photographic equipment.....	1,231	1,466	1,479	-16.0	-0.9	+4.2	1,417	1,394	1,343	1,465	-3.3	12,041	10,926
Ventilation, heating, air-conditioning, and refrigeration equipment.....	2,654	2,768	2,702	-4.1	+2.4	-2.5	2,711	2,883	2,519	2,937	-7.7	24,878	25,649
Metalworking machinery.....	2,128	2,216	2,258	-4.0	-1.9	-4.0	2,497	2,102	1,867	3,223	-22.5	20,389	22,672
Turbines, generators, and other power transmission equipment.....	2,384	3,509	3,330	-32.1	+5.4	+17.2	2,793	3,279	2,346	3,345	-16.5	26,493	26,915
Material handling equipment.....	1,596	1,612	1,570	-1.0	+2.7	-3.3	1,596	1,559	1,505	1,814	-12.0	15,570	15,965
Computers and electronic products.....	33,209	33,261	35,357	-0.2	-5.9	-4.4	39,000	30,914	30,270	55,318	-29.5	334,597	395,106
Electronic computers.....	5,230	4,865	6,072	+7.5	-19.9	-2.0	5,772	4,168	5,606	9,279	-37.8	56,428	70,188
Computer storage devices.....	978	1,003	1,049	-2.5	-4.4	+4.9	1,418	948	678	1,993	-28.9	9,772	10,979
Nondefense communications equipment.....	6,071	6,268	6,427	-3.1	-2.5	-6.9	7,289	5,503	5,385	11,575	-37.0	60,483	80,798
Defense communications equipment.....	281	309	281	-9.1	+10.0	+1.8	317	312	259	296	+7.1	2,572	2,333
Audio and video equipment.....	840	866	904	-3.0	-4.2	-0.3	998	871	806	1,117	-10.7	7,720	8,382
Semiconductors.....	6,271	6,014	6,615	+4.3	-9.1	-7.4	7,100	5,779	5,676	11,062	-35.8	66,316	77,304
Electronic components.....	3,521	4,064	4,001	-13.4	+1.6	-8.1	4,086	3,980	3,419	6,619	-38.3	40,077	52,598
Nondefense search and navigation equipment.....	719	743	773	-3.2	-3.9	+1.2	814	755	699	977	-16.7	6,740	7,505
Defense search and navigation equipment.....	1,744	1,744	1,717	0.0	+1.6	+1.8	1,852	1,636	1,532	1,816	+2.0	15,295	15,058
Electromedical, measuring, and control instruments.....	5,101	5,005	5,253	+1.9	-4.7	-3.1	5,918	4,808	4,392	6,131	-3.5	46,998	44,662
Electrical equipment, appliances, and components.....	9,792	10,652	10,493	-8.1	+1.5	-4.2	10,867	10,512	9,320	12,759	-14.8	97,970	99,851
Electric lighting equipment.....	1,036	1,192	1,171	-13.1	+1.8	+0.1	1,181	1,193	958	1,362	-13.3	10,450	10,644
Household appliances.....	1,985	2,187	1,956	-9.2	+11.8	+0.9	2,090	2,225	1,782	2,103	-0.6	18,208	17,880
Electrical equipment.....	3,046	3,000	2,952	+1.5	+1.6	-10.9	3,510	3,002	2,651	3,806	-7.8	28,849	30,021
Batteries.....	521	545	585	-4.4	-6.8	+5.0	622	553	459	691	-10.0	4,657	5,293
Transportation equipment.....	48,682	53,866	54,243	-9.6	-0.7	+1.2	52,984	55,906	37,044	59,787	-11.4	463,958	504,721
Automobiles.....	6,797	8,841	8,765	-23.1	+0.9	+5.3	7,630	9,122	4,913	9,769	-21.9	70,451	79,576
Light trucks and utility vehicles.....	9,288	11,550	11,573	-19.6	-0.2	+7.5	10,413	12,231	6,364	12,707	-18.1	96,497	107,544
Heavy duty trucks.....	933	1,021	1,019	-8.6	+0.2	-6.2	944	1,056	933	1,281	-26.3	9,417	14,477
Motor vehicle bodies, parts, and trailers.....	15,298	16,592	16,926	-7.8	-2.0	+1.9	15,849	17,751	11,992	19,029	-16.7	149,144	170,019
Nondefense aircraft and parts.....	8,210	8,041	8,314	+2.1	-3.3	-6.8	8,987	8,024	6,361	9,252	-2.9	72,613	69,057
Defense aircraft and parts.....	2,972	2,716	2,552	+9.4	+6.4	-8.9	3,257	2,662	2,106	2,297	+41.8	21,682	19,404
Ships and boats.....	1,664	1,731	1,621	-3.9	+6.8	-7.6	1,868	1,743	1,434	1,797	+4.0	15,382	15,755
Furniture and related products.....	5,553	6,035	6,009	-8.0	+0.4	+3.7	5,915	6,442	5,508	6,900	-14.3	54,105	58,351
Miscellaneous durable goods.....	9,393	9,817	9,669	-4.3	+1.5	+1.1	9,865	9,690	8,789	10,135	-2.7	85,604	83,145
Nondurable goods industries.....	147,990	151,900	150,962	-2.6	+0.6	+1.0	152,872	157,084	145,009	160,916	-5.0	1,367,269	1,382,985
Food products.....	38,342	38,806	38,560	-1.2	+0.6	+1.1	39,952	39,490	36,235	38,171	+4.7	339,965	325,090
Grain and oilseed milling.....	4,073	4,206	4,145	-3.2	+1.5	+0.5	4,021	4,392	3,966	3,916	+2.7	36,716	34,812
Dairy products.....	5,894	6,015	5,897	-2.0	+2.0	+3.2	6,178	6,140	5,566	5,314	+16.3	50,768	45,553
Meat, poultry, and seafood products.....	11,411	11,468	11,437	-0.5	+0.3	+0.2	11,658	11,883	11,075	10,917	+6.8	102,221	96,426
Beverage and tobacco products.....	9,707	10,179	9,869	-4.6	+3.1	+3.1	9,627	10,993	10,000	9,319	+3.3	88,333	84,648
Beverages.....	5,648	5,800	5,714	-2.6	+1.5	+4.3	5,820	6,277	5,927	5,697	+2.2	51,445	49,284
Tobacco.....	4,059	4,379	4,155	-7.3	+5.4	+1.5	3,807	4,716	4,073	3,622	+5.1	36,888	35,364
Textile mills.....	3,776	3,839	3,843	-1.6	-0.1	-1.3	4,178	4,051	3,424	4,909	-14.9	35,720	40,784
Textile products.....	2,822	2,816	2,817	+0.2	0.0	+1.0	2,958	3,025	2,847	2,823	+4.8	25,458	25,266
Apparel.....	5,040	5,115	5,045	-1.5	+1.4	-1.8	5,541	5,806	5,086	5,986	-7.4	47,458	48,950
Leather and allied products.....	707	716	713	-1.3	+0.4	-4.6	713	730	638	820	-13.0	6,616	7,151
Paper products.....	12,579	13,035	13,093	-3.5	-0.4	+0.1	12,756	13,558	12,779	14,541	-12.3	119,243	128,675
Pulp, paper, and paperboard mills.....	5,685	5,981	5,986	-4.9	-0.1	+0.7	5,735	6,219	5,839	6,719	-14.6	55,042	60,001
Paperboard containers.....	3,879	4,010	4,026	-3.3	-0.4	-0.7	3,890	4,221	3,969	4,341	-10.4	36,485	40,188
Printing.....	7,881	8,381	8,238	-6.0	+1.7	+0.3	8,362	8,528	7,811	9,272	-9.8	74,095	77,965
Petroleum and coal products.....	18,517	18,459	17,930	+0.3	+3.0	-1.5	19,188	19,685	18,173	20,874	-8.1	170,131	171,694
Petroleum refineries.....	16,849	16,748	16,081	+0.6	+4.1	-1.3	17,294	17,675	16,108	18,631	-7.2	153,393	154,378
Basic chemicals.....	33,992	35,570	35,515	-4.4	+0.2	+1.3	34,779	35,598	33,672	38,601	-9.9	325,124	333,635
Pesticides, fertilizers, and other agricultural chemicals.....	1,685	1,666	1,636	+1.1	+1.8	+2.4	1,089	1,211	1,251	1,085	+0.4	17,172	16,903
Pharmaceuticals and medicines.....	9,733	9,916	9,640	-1.8	+2.9	+1.5	10,319	9,974	8,953	10,955	-5.8	89,107	89,487
Paints, coatings, and adhesives.....	2,461	2,542	2,509	-3.2	+1.3	+3.0	2,350	2,711	2,636	2,428	-3.2	23,129	22,871
Plastics and rubber products.....	14,627	14,984	15,339	-2.4	-2.3	+4.6	14,818	15,620	14,344	15,600	-5.0	135,126	139,127

^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 Sept. 01/00	Year to date	
	Sept. 2001 ^p	Aug. 2001 ^r	July 2001	Aug. - Sept.	July - Aug.	June - July	Sept. 2001 ^p	Aug. 2001 ^r	July 2001	Sept. 2000		2001 ^p	2000
All manufacturing industries.....	313,148	332,439	332,608	-5.8	-0.1	-0.1	330,863	335,619	296,555	388,659	-14.9	3,004,717	3,274,459
Excluding transportation.....	269,625	280,760	279,827	-4.0	+0.3	-0.3	283,192	283,471	263,435	324,065	-12.6	2,549,518	2,740,299
Excluding defense.....	305,882	325,851	325,332	-6.1	+0.2	-0.3	323,825	331,193	292,093	382,144	-15.3	2,945,295	3,193,293
Durable goods industries.....	165,158	180,539	181,646	-8.5	-0.6	-1.0	177,991	178,535	151,546	227,743	-21.8	1,637,448	1,891,474
Primary metals.....	11,270	11,774	11,923	-4.3	-1.2	-1.4	10,864	11,869	10,773	13,307	-18.4	108,238	124,349
Iron and steel mills.....	5,026	4,990	5,142	+0.7	-3.0	-4.0	4,704	4,992	4,650	5,584	-15.8	46,566	54,879
Aluminum and nonferrous metals.....	4,959	5,431	5,506	-8.7	-1.4	+1.4	4,905	5,433	5,065	6,376	-23.1	49,978	56,569
Ferrous metal foundries.....	1,285	1,353	1,275	-5.0	+6.1	-1.9	1,255	1,444	1,058	1,347	-6.8	11,694	12,901
Fabricated metal products.....	19,540	20,185	20,400	-3.2	-1.1	+1.2	19,502	21,236	19,318	21,740	-10.3	183,155	197,823
Machinery.....	22,605	24,034	23,610	-5.9	+1.8	-2.7	23,791	22,991	21,124	27,444	-13.3	217,084	232,648
Construction machinery.....	1,576	1,761	1,726	-10.5	+2.0	+5.5	1,419	1,585	1,442	1,379	+2.9	14,851	15,491
Mining, oil field, and gas field machinery.....	1,174	1,150	1,086	+2.1	+5.9	-4.7	1,235	1,096	1,027	943	+31.0	9,882	7,282
Industrial machinery.....	2,992	3,170	3,059	-5.6	+3.6	-18.3	2,880	2,825	3,063	4,376	-34.2	30,941	40,012
Photographic equipment.....	1,204	1,459	1,517	-17.5	-3.8	+4.5	1,373	1,397	1,427	1,512	-9.2	11,930	10,869
Ventilation, heating, air-conditioning, and refrigeration equipment.....	2,457	2,816	2,840	-12.7	-0.8	+1.5	2,449	2,890	2,604	2,899	-15.5	24,806	26,016
Metalworking machinery.....	1,940	2,018	2,152	-3.9	-6.2	-1.8	2,281	1,889	1,794	3,218	-29.1	19,485	22,287
Turbines, generators, and other power transmission equipment.....	2,830	3,081	2,760	-8.1	+11.6	-8.5	3,678	3,073	2,237	3,984	-7.7	27,540	30,553
Material handling equipment.....	1,685	1,687	1,545	-0.1	+9.2	-5.6	1,725	1,531	1,288	2,033	-15.2	15,429	16,774
Computers and electronic products.....	29,337	32,010	31,931	-8.4	+0.2	-6.0	35,391	28,235	27,743	55,224	-35.9	309,959	415,821
Electronic computers.....	4,349	4,922	5,727	-11.6	-14.1	-9.4	4,644	4,421	5,303	8,687	-46.5	55,466	70,524
Nondefense communications equipment.....	3,349	5,724	5,742	-41.5	-0.3	+14.6	5,540	3,831	4,092	12,732	-56.5	52,551	87,933
Defense communications equipment.....	218	198	292	+10.1	-32.2	+10.6	297	158	242	418	-28.9	2,403	2,431
Semiconductors.....	6,608	5,662	4,691	+16.7	+20.7	-24.3	7,321	5,296	5,342	10,268	-28.7	56,520	82,839
Electronic components.....	3,398	3,569	3,695	-4.8	-3.4	-13.8	3,890	3,729	3,351	7,084	-45.1	36,202	58,980
Nondefense search and navigation equipment.....	674	714	752	-5.6	-5.1	+11.9	731	629	655	851	-14.1	6,055	6,941
Defense search and navigation equipment.....	1,707	1,749	1,781	-2.4	-1.8	+10.7	1,691	1,263	1,092	1,579	+7.1	14,325	16,111
Electromedical, measuring, and control instruments.....	4,763	5,223	5,033	-8.8	+3.8	-6.8	5,425	4,935	4,364	6,042	-10.2	46,749	45,402
Electrical equipment, appliances, and components.....	9,410	10,413	10,652	-9.6	-2.2	+0.7	10,159	10,185	9,710	12,353	-17.8	95,110	101,403
Electric lighting equipment.....	958	1,236	1,178	-22.5	+4.9	-1.8	999	1,237	989	1,268	-21.2	10,461	10,633
Household appliances.....	1,951	2,211	2,138	-11.8	+3.4	+14.0	2,040	2,267	1,972	2,036	+0.2	18,035	17,720
Electrical equipment.....	3,154	3,012	3,061	+4.7	-1.6	-8.4	3,434	2,951	2,882	3,676	-6.6	28,618	30,780
Transportation equipment.....	43,523	51,679	52,781	-15.8	-2.1	+1.0	47,671	52,148	33,120	64,594	-26.2	455,199	534,160
Motor vehicle bodies, parts, and trailers.....	15,104	16,407	16,721	-7.9	-1.9	+1.4	15,457	17,435	11,911	18,666	-17.2	147,586	166,841
Nondefense aircraft and parts.....	3,779	7,081	7,433	-46.6	-4.7	-11.9	5,662	7,005	4,286	13,854	-59.1	67,036	79,064
Defense aircraft and parts.....	2,647	1,862	2,376	+42.2	-21.6	+4.5	2,608	1,174	1,381	2,739	-4.8	20,838	28,692
Ships and boats.....	1,536	1,942	1,883	-20.9	+3.1	+6.0	1,596	1,318	1,213	2,698	-40.8	17,709	16,769
Furniture and related products.....	5,428	5,874	6,009	-7.6	-2.2	+1.9	5,749	6,163	5,871	6,733	-14.6	53,694	58,966

^p Preliminary ^r Revised

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

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

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

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

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Sept. 01/00
	Sept. 2001 ^P	Aug. 2001 ^r	July 2001	Aug. - Sept.	July - Aug.	June - July	Sept. 2001 ^P	Aug. 2001 ^r	July 2001	Sept. 2000	
All manufacturing industries.....	553,210	563,172	568,176	-1.8	-0.9	-1.0	546,161	557,559	566,094	583,303	-6.4
Excluding transportation.....	274,354	279,157	281,974	-1.7	-1.0	-1.6	271,388	277,473	282,250	314,296	-13.7
Excluding defense.....	412,483	421,981	426,112	-2.3	-1.0	-1.3	408,931	418,923	424,714	445,750	-8.3
Durable goods industries.....	553,210	563,172	568,176	-1.8	-0.9	1.0	546,161	557,559	566,094	583,303	-6.4
Primary metals.....	18,568	18,634	18,811	-0.4	-0.9	-0.9	17,934	18,543	18,979	19,715	-9.0
Iron and steel mills.....	8,996	8,924	9,047	+0.8	-1.4	-0.8	8,639	8,826	9,161	9,787	-11.7
Aluminum and nonferrous metals.....	7,224	7,397	7,507	-2.3	-1.5	-1.3	7,020	7,416	7,579	7,875	-10.9
Ferrous metal foundries.....	2,348	2,313	2,257	+1.5	+2.5	-0.1	2,275	2,301	2,239	2,053	+10.8
Fabricated metal products.....	41,189	41,619	41,989	-1.0	-0.9	0.0	41,004	42,034	42,506	43,153	-5.0
Machinery.....	59,393	59,585	60,252	-0.3	1.1	1.6	59,033	59,100	59,685	64,526	-8.5
Construction machinery.....	2,318	2,323	2,245	-0.2	+3.5	+1.8	2,061	2,146	2,136	2,500	-17.6
Mining, oil field, and gas field machinery.....	1,766	1,662	1,606	+6.3	+3.5	-0.7	1,775	1,645	1,620	1,441	+23.2
Industrial machinery.....	9,863	10,198	10,393	-3.3	-1.9	-4.3	9,653	10,263	10,481	13,660	-29.3
Photographic equipment.....	826	853	860	-3.2	-0.8	+4.6	822	866	863	803	+2.4
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,601	4,798	4,750	-4.1	+1.0	+3.0	4,551	4,813	4,806	4,999	-9.0
Metalworking machinery.....	4,466	4,654	4,852	-4.0	-4.1	-2.1	4,466	4,682	4,895	5,976	-25.3
Turbines, generators, and other power transmission equipment.....	20,408	19,962	20,390	+2.2	-2.1	-2.7	20,662	19,777	19,983	18,158	+13.8
Material handling equipment.....	6,129	6,040	5,965	+1.5	+1.3	-0.4	5,992	5,863	5,891	6,233	-3.9
Computers and electronic products.....	127,802	131,674	132,925	-2.9	-0.9	-2.5	126,414	130,023	132,702	154,779	-18.3
Electronic computers.....	9,231	10,112	10,055	-8.7	+0.6	-3.3	9,246	10,374	10,121	10,197	-9.3
Nondefense communications equipment.....	38,909	41,631	42,175	-6.5	-1.3	-1.6	38,331	40,080	41,752	46,485	-17.5
Defense communications equipment.....	2,443	2,506	2,617	-2.5	-4.2	+0.4	2,386	2,406	2,560	2,371	+0.6
Semiconductors.....	15,489	15,152	15,504	+2.2	-2.3	-11.0	15,534	15,313	15,796	29,208	-46.8
Electronic components.....	16,066	16,189	16,684	-0.8	-3.0	-1.8	16,169	16,365	16,616	21,352	-24.3
Nondefense search and navigation equipment.....	4,485	4,530	4,559	-1.0	-0.6	-0.5	4,409	4,492	4,618	5,326	-17.2
Defense search and navigation equipment.....	29,707	29,744	29,739	-0.1	0.0	+0.2	29,034	29,195	29,568	29,248	-0.7
Electromedical, measuring, and control instruments.....	11,472	11,810	11,592	-2.9	+1.9	-1.9	11,305	11,798	11,671	10,592	+6.7
Electrical equipment, appliances, and components.....	16,947	17,329	17,568	-2.2	-1.4	+0.9	16,519	17,227	17,554	18,935	-12.8
Electric lighting equipment.....	1,606	1,684	1,640	-4.6	+2.7	+0.4	1,568	1,750	1,706	1,482	+5.8
Household appliances.....	1,217	1,251	1,227	-2.7	+2.0	+17.4	1,086	1,136	1,094	823	+32.0
Electrical equipment.....	10,037	9,929	9,917	+1.1	+0.1	+1.1	9,822	9,898	9,949	9,534	+3.0
Transportation equipment.....	278,856	284,015	286,202	-1.8	-0.8	-0.5	274,773	280,086	283,844	269,007	+2.1
Motor vehicle bodies, parts, and trailers.....	12,400	12,594	12,779	-1.5	-1.4	-1.6	11,836	12,228	12,544	13,191	-10.3
Nondefense aircraft and parts.....	144,584	149,015	149,975	-3.0	-0.6	-0.6	144,154	147,479	148,498	137,495	+4.8
Defense aircraft and parts.....	44,853	45,178	46,032	-0.7	-1.9	-0.4	44,051	44,700	46,188	44,291	-0.5
Ships and boats.....	22,712	22,840	22,629	-0.6	+0.9	+1.2	21,883	22,155	22,580	19,216	+13.9
Furniture and related products.....	6,483	6,608	6,769	-1.9	-2.4	0.0	6,644	6,810	7,089	8,020	-17.2

^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 01/00
	Sept. 2001 ^p	Aug. 2001 ^r	July 2001	Aug. - Sept.	July - Aug.	June - July	Sept. 2001 ^p	Aug. 2001 ^r	July 2001	Sept. 2000	
All manufacturing industries.....	460,900	464,933	468,378	-0.9	-0.7	-0.8	458,687	466,861	469,116	479,042	-4.2
Excluding transportation.....	386,755	390,770	393,994	-1.0	-0.8	-0.9	383,825	391,564	394,053	400,348	-4.1
Excluding defense.....	439,653	443,428	446,961	-0.9	-0.8	-0.8	436,859	444,818	447,345	454,797	-3.9
Durable goods industries.....	292,259	295,392	297,940	-1.1	-0.9	-1.0	290,281	297,680	298,995	304,548	-4.7
Wood products.....	9,706	9,753	9,818	-0.5	-0.7	-1.5	9,629	9,643	9,659	9,973	-3.4
Nonmetallic mineral products.....	9,799	9,808	9,942	-0.1	-1.3	-1.0	9,559	9,685	9,907	9,671	-1.2
Primary metals.....	20,436	20,560	20,816	-0.6	-1.2	-1.4	20,384	20,549	20,829	22,864	-10.8
Iron and steel mills.....	11,191	11,214	11,305	-0.2	-0.8	-0.7	11,250	11,248	11,360	12,755	-11.8
Aluminum and nonferrous metals.....	7,410	7,517	7,675	-1.4	-2.1	-2.8	7,347	7,504	7,651	8,357	-12.1
Ferrous metal foundries.....	1,835	1,829	1,836	+0.3	-0.4	+0.3	1,787	1,797	1,818	1,752	+2.0
Fabricated metal products.....	33,910	34,011	34,116	-0.3	-0.3	-0.7	33,558	33,977	34,328	35,023	-4.2
Machinery.....	50,245	50,288	50,622	-0.1	-0.7	-0.8	49,526	50,311	50,289	49,552	-0.1
Farm machinery.....	2,111	2,152	2,200	-1.9	-2.2	-1.2	2,005	2,077	2,105	2,019	-0.7
Construction machinery.....	3,878	3,878	3,888	0.0	-0.3	+1.5	3,799	3,794	3,826	3,594	+5.7
Mining, oil field, and gas field machinery.....	2,839	2,792	2,740	+1.7	+1.9	-2.4	2,874	2,869	2,795	2,707	+6.2
Industrial machinery.....	8,703	8,798	8,886	-1.1	-1.0	-0.9	8,460	8,777	8,750	8,983	-5.8
Photographic equipment.....	2,399	2,349	2,340	+2.1	+0.4	0.0	2,378	2,308	2,290	2,227	+6.8
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,592	4,738	4,771	-3.1	-0.7	+1.4	4,541	4,715	4,764	4,459	+1.8
Metalworking machinery.....	5,980	5,994	6,063	-0.2	-1.1	+0.1	6,018	6,232	6,222	5,888	+2.2
Turbines, generators, and other power transmission equipment.....	5,753	5,509	5,542	+4.4	-0.6	-3.9	5,697	5,642	5,599	5,411	+5.3
Material handling equipment.....	2,583	2,592	2,608	-0.3	-0.6	-1.0	2,486	2,517	2,510	2,382	+4.4
Computers and electronic products.....	52,772	55,349	56,432	-4.7	-1.9	-1.9	51,886	56,638	57,034	56,364	-7.9
Electronic computers.....	3,156	3,274	3,376	-3.6	-3.0	-0.7	3,134	3,526	3,378	3,700	-15.3
Computer storage devices.....	1,566	1,639	1,695	-4.5	-3.3	-1.7	1,388	1,697	1,685	1,551	-10.5
Nondefense communications equipment.....	9,167	10,264	10,633	-10.7	-3.5	-2.5	9,055	10,311	10,580	11,518	-21.4
Defense communications equipment.....	587	586	582	+0.2	+0.7	+0.3	587	589	582	558	+5.2
Audio and video equipment.....	1,063	1,047	1,065	+1.5	-1.7	-3.8	1,130	1,121	1,138	1,167	-3.2
Semiconductors.....	7,797	7,957	7,980	-2.0	-0.3	-5.8	7,447	8,035	8,130	7,107	+4.8
Electronic components.....	8,558	9,032	9,491	-5.2	-4.8	-1.2	8,603	9,275	9,628	9,955	-13.6
Nondefense search and navigation equipment.....	2,736	2,730	2,721	+0.2	+0.3	+1.8	2,717	2,772	2,788	2,652	+2.5
Defense search and navigation equipment.....	3,229	3,198	3,201	+1.0	-0.1	+0.2	3,273	3,317	3,268	3,141	+4.2
Electromedical, measuring and control instruments.....	10,916	11,410	11,473	-4.3	-0.5	-1.3	10,677	11,564	11,563	10,851	-1.6
Electrical equipment, appliances, and components.....	15,035	15,151	15,226	-0.8	-0.5	-1.6	14,634	15,091	15,177	15,140	-3.3
Electric lighting equipment.....	1,711	1,712	1,743	-0.1	-1.8	-0.9	1,678	1,741	1,785	1,790	-6.3
Household appliances.....	2,452	2,432	2,420	+0.8	+0.5	-0.1	2,315	2,379	2,415	2,454	-5.7
Electrical equipment.....	4,762	4,811	4,843	-1.0	-0.7	-0.6	4,680	4,855	4,817	4,621	+1.3
Batteries.....	794	798	797	-0.5	+0.1	-0.9	802	836	824	859	-6.6
Transportation equipment.....	74,145	74,163	74,384	0.0	-0.3	-0.2	74,862	75,297	75,063	78,694	-4.9
Automobiles.....	2,019	2,104	2,194	-4.0	-4.1	+8.6	2,038	2,223	2,309	2,307	-11.7
Light trucks and utility vehicles.....	1,736	1,738	1,815	-0.1	-4.2	-2.8	1,770	1,792	1,839	1,925	-8.1
Heavy duty trucks.....	909	952	973	-4.5	-2.2	+1.1	915	953	955	1,130	-19.0
Motor vehicle bodies, parts, and trailers.....	16,468	16,420	16,540	+0.3	-0.7	-1.9	16,410	16,483	16,691	17,821	-7.9
Nondefense aircraft and parts.....	31,676	31,294	31,211	+1.2	+0.3	+0.1	31,984	31,697	31,315	31,569	+1.3
Defense aircraft and parts.....	9,529	9,877	9,769	-3.5	+1.1	+0.7	9,759	10,122	9,951	11,437	-14.7
Ships and boats.....	2,320	2,264	2,249	+2.5	+0.7	-4.5	2,303	2,270	2,273	2,232	+3.2
Furniture and related products.....	8,198	8,216	8,400	-0.2	-2.2	-1.7	8,137	8,249	8,535	8,986	-9.4
Miscellaneous durable goods.....	18,013	18,093	18,184	-0.4	-0.5	-0.1	18,106	18,240	18,174	18,281	-1.0
Nondurable goods industries.....	168,641	169,541	170,438	-0.5	-0.5	-0.4	168,406	169,181	170,121	174,494	-3.5
Food products.....	29,392	29,893	29,936	-1.7	-0.1	+0.4	29,778	29,712	29,216	30,123	-1.1
Grain and oilseed milling.....	3,254	3,278	3,299	-0.7	-0.6	+0.4	3,092	3,054	3,150	3,253	-4.9
Dairy products.....	3,147	3,046	3,077	+3.3	-1.0	-0.7	3,160	3,114	3,220	3,089	+2.3
Meat, poultry, and seafood products.....	5,779	5,844	5,748	-1.1	+1.7	+1.2	5,762	5,784	5,705	5,537	+4.1
Beverage and tobacco products.....	14,027	14,023	14,057	0.0	-0.2	+1.3	14,084	13,514	13,365	14,131	-0.3
Beverages.....	8,405	8,320	8,300	+1.0	+0.2	+1.3	8,542	8,113	8,096	8,213	+4.0
Tobacco.....	5,622	5,703	5,757	-1.4	-0.9	+1.4	5,542	5,401	5,269	5,918	-6.4
Textile mills.....	6,401	6,447	6,508	-0.7	-0.9	-1.3	6,228	6,464	6,593	6,731	-7.5
Textile products.....	4,498	4,531	4,553	-0.7	-0.5	-1.5	4,477	4,538	4,577	4,886	-8.4
Apparel.....	9,619	9,791	9,976	-1.8	-1.9	-1.8	9,620	9,972	10,383	10,212	-5.8
Leather and allied products.....	1,494	1,503	1,505	-0.6	-0.1	-0.3	1,524	1,550	1,549	1,679	-9.2
Paper products.....	15,553	15,461	15,537	+0.6	-0.5	-1.0	15,502	15,470	15,597	16,309	-4.9
Pulp, paper, and paperboard mills.....	6,899	6,853	6,895	+0.7	-0.6	-1.5	6,828	6,817	6,902	7,124	-4.2
Paperboard containers.....	4,352	4,334	4,348	+0.4	-0.3	-1.2	4,401	4,356	4,372	4,779	-7.9
Printing.....	6,204	6,410	6,395	-3.2	+0.2	-0.2	6,458	6,769	6,624	7,209	-10.4
Petroleum and coal products.....	12,847	12,864	12,935	-0.1	-0.5	-1.2	13,072	13,018	13,067	13,912	-6.0
Petroleum refineries.....	11,044	11,165	11,134	-1.1	+0.3	-0.7	11,284	11,256	11,215	12,095	-6.7
Basic chemicals.....	50,936	50,899	51,194	+0.1	-0.6	-0.5	50,412	50,710	51,404	51,191	-1.5
Pesticides, fertilizers, and other agricultural chemicals.....	2,821	2,842	2,908	-0.7	-2.3	-2.2	2,523	2,453	2,521	2,461	+2.5
Pharmaceuticals and medicines.....	18,023	17,828	17,654	+1.1	+1.0	0.0	18,030	18,085	17,984	17,529	+2.9
Paints, coatings, and adhesives.....	3,253	3,274	3,283	-0.6	-0.3	+1.2	3,176	3,254	3,329	3,142	+1.1
Plastics and rubber products.....	17,670	17,719	17,842	-0.3	-0.7	-0.7	17,251	17,464	17,746	18,111	-4.7

^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, UNFULFILLED ORDERS, AND TOTAL INVENTORIES FOR TOPICAL SERIES ¹
(Millions of Dollars)

Industry	Seasonally Adjusted						Not Seasonally Adjusted ²						
	Monthly			Percent Change			Monthly				Percent Change Sept. 01/00	Year to date	
	Sept. 2001 ^p	Aug. 2001 ^r	July 2001	Aug. - Sept.	July - Aug.	June - July	Sept. 2001 ^p	Aug. 2001 ^r	July 2001	Sept. 2000		2001 ^p	2000
SHIPMENTS													
All manufacturing industries.....	323,110	337,443	338,546	-4.2	-0.3	+0.4	342,261	344,154	302,651	384,676	-11.0	3,050,570	3,214,370
Construction materials and supplies.....	32,403	33,351	33,148	-2.8	+0.6	+0.5	33,392	35,816	32,560	36,179	-7.7	300,399	320,802
Information technology.....	27,852	28,377	30,049	-1.9	-5.6	-2.6	32,695	26,088	25,988	43,899	-25.5	276,051	312,143
Capital goods.....	66,009	68,121	69,553	-3.1	-2.1	-2.5	73,056	64,948	60,579	87,529	-16.5	632,345	677,515
Nondefense capital goods ³	59,436	61,468	63,113	-3.3	-2.6	-2.4	65,915	58,561	54,821	81,410	-19.0	577,505	626,252
Excluding aircraft.....	55,071	57,359	58,704	-4.0	-2.3	-1.7	61,560	54,486	51,687	76,456	-19.5	538,341	585,591
Defense capital goods ⁴	6,573	6,653	6,440	-1.2	+3.3	-3.5	7,141	6,387	5,758	6,119	+16.7	54,840	51,263
Consumer goods.....	123,489	130,106	128,301	-5.1	+1.4	+1.7	129,611	134,817	114,303	137,308	-5.6	1,145,623	1,166,183
Consumer durable goods.....	30,929	36,116	35,714	-14.4	+1.1	+4.6	33,692	37,084	24,830	39,459	-14.6	305,061	334,912
Consumer nondurable goods.....	92,560	93,990	92,587	-1.5	+1.5	+0.5	95,919	97,733	89,473	97,849	-2.0	840,562	831,271
NEW ORDERS													
All manufacturing industries.....	313,148	332,439	332,608	-5.8	-0.1	-0.1	330,863	335,619	296,555	388,659	-14.9	3,004,717	3,274,459
Construction materials and supplies.....	31,943	33,065	33,081	-3.4	0.0	+0.4	32,391	35,476	32,684	35,878	-9.7	298,461	322,609
Information technology.....	23,361	27,647	28,752	-15.5	-3.8	+0.7	28,617	23,784	23,885	44,066	-35.1	262,506	321,848
Capital goods.....	58,170	64,722	65,808	-10.1	-1.7	-1.5	65,760	58,664	54,674	93,314	-29.5	602,481	724,489
Nondefense capital goods ³	52,089	58,921	59,476	-11.6	-0.9	-3.1	59,842	54,672	50,346	88,200	-32.2	552,891	654,799
Excluding aircraft.....	50,579	55,688	56,287	-9.2	-1.1	-2.5	57,236	51,532	49,626	77,924	-26.5	521,462	604,199
Defense capital goods ⁴	6,081	5,801	6,332	+4.8	-8.4	+16.3	5,918	3,992	4,328	5,114	+15.7	49,590	69,690
Consumer goods.....	123,708	130,218	128,458	-5.0	+1.4	+1.7	129,605	134,837	114,830	137,494	-5.7	1,143,254	1,166,596
Consumer durable goods.....	31,148	36,228	35,871	-14.0	+1.0	+5.0	33,686	37,104	25,357	39,645	-15.0	302,692	335,325
UNFULFILLED ORDERS													
All manufacturing industries.....	553,210	563,172	568,176	-1.8	-0.9	-1.0	546,161	557,559	566,094	583,303	-6.4	(X)	(X)
Construction materials and supplies.....	34,262	34,722	35,008	-1.3	-0.8	-0.2	34,130	35,131	35,471	36,665	-6.9	(X)	(X)
Information technology.....	101,160	105,651	106,381	-4.3	-0.7	-1.2	99,576	103,654	105,958	112,118	-11.2	(X)	(X)
Capital goods.....	380,573	388,412	391,811	-2.0	-0.9	-0.9	375,280	382,576	388,860	393,947	-4.7	(X)	(X)
Nondefense capital goods ³	258,130	265,477	268,024	-2.8	-1.0	-1.3	256,030	262,103	265,992	271,813	-5.8	(X)	(X)
Excluding aircraft.....	147,504	151,996	153,667	-3.0	-1.1	-1.5	145,834	150,158	153,112	164,334	-11.3	(X)	(X)
Defense capital goods ⁴	122,443	122,935	123,787	-0.4	-0.7	-0.1	119,250	120,473	122,868	122,134	-2.4	(X)	(X)
Consumer goods.....	8,753	8,534	8,422	+2.6	+1.3	+1.9	8,511	8,517	8,497	10,092	-15.7	(X)	(X)
Consumer durable goods.....	8,753	8,534	8,422	+2.6	+1.3	+1.9	8,511	8,517	8,497	10,092	-15.7	(X)	(X)
TOTAL INVENTORIES													
All manufacturing industries.....	460,900	464,933	468,378	-0.9	-0.7	-0.8	458,687	466,861	469,116	479,042	-4.2	(X)	(X)
Construction materials and supplies.....	47,474	47,578	47,861	-0.2	-0.6	-1.0	46,795	47,266	47,841	48,322	-3.2	(X)	(X)
Information technology.....	44,132	46,107	46,724	-4.3	-1.3	-1.5	43,373	46,916	46,902	46,945	-7.6	(X)	(X)
Capital goods.....	143,128	145,311	146,132	-1.5	-0.6	-0.8	142,343	147,078	146,535	147,595	-3.6	(X)	(X)
Nondefense capital goods ³	124,982	126,954	127,914	-1.6	-0.8	-0.9	123,714	128,344	128,011	127,740	-3.2	(X)	(X)
Excluding aircraft.....	100,651	102,763	103,707	-2.1	-0.9	-1.1	99,029	103,744	103,695	102,964	-3.8	(X)	(X)
Defense capital goods ⁴	18,146	18,357	18,218	-1.1	+0.8	-0.3	18,629	18,734	18,524	19,855	-6.2	(X)	(X)
Consumer goods.....	127,949	128,633	129,400	-0.5	-0.6	-0.2	128,461	128,821	129,004	132,521	-3.1	(X)	(X)
Consumer durable goods.....	27,688	27,906	28,438	-0.8	-1.9	-0.3	27,589	28,137	28,499	29,373	-6.1	(X)	(X)
Consumer nondurable goods.....	100,261	100,727	100,962	-0.5	-0.2	-0.2	100,872	100,684	100,505	103,148	-2.2	(X)	(X)

^p Preliminary ^r Revised (X) Not Applicable

¹ Topical series are regroupings of the separate industry categories.

² Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations.

³ Nondefense capital goods industries include: small arms and ordnance; farm machinery and equipment; construction machinery; mining, oil, and gas field machinery; industrial machinery; vending, laundry, and other machinery; photographic equipment; metalworking machinery; turbines and generators; other power transmission equipment; pumps and compressors; material handling equipment; all other machinery; electronic computers; computer storage devices; other computer peripheral equipment; communications equipment; search and navigation equipment; electromedical, measuring, and control instruments; electrical equipment; other electrical equipment, appliances, and components; heavy duty trucks; aircraft; railroad rolling stock; ships and boats; office and institutional furniture; and medical equipment and supplies.

⁴ Defense capital goods industries include: small arms and ordnance; communications equipment; aircraft; missiles, space vehicles, and parts; ships and boats; and search and navigation equipment.

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

**Table 6. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION,
BY INDUSTRY GROUP**
(Millions of Dollars)

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Sept. 01/00
	Sept. 2001 ^p	Aug. 2001 ^r	July 2001	Aug. - Sept.	July - Aug.	June - July	Sept. 2001 ^p	Aug. 2001 ^r	July 2001	Sept. 2000	
MATERIALS AND SUPPLIES											
All manufacturing industries.....	151,742	153,632	155,534	-1.2	-1.2	-0.9	151,593	153,918	156,088	163,404	-7.2
Durable goods industries.....	92,666	94,106	95,366	-1.5	-1.3	-1.4	92,814	94,935	95,997	100,975	-8.1
Wood products.....	3,669	3,806	3,904	-3.6	-2.5	-2.0	3,826	3,762	3,693	4,099	-6.7
Nonmetallic mineral products.....	3,340	3,349	3,381	-0.3	-0.9	-0.1	3,380	3,376	3,370	3,416	-1.1
Primary metals.....	6,795	6,957	7,028	-2.3	-1.0	-1.8	6,872	6,996	7,001	7,874	-12.7
Fabricated metal products.....	10,388	10,581	10,579	-1.8	0.0	-0.9	10,441	10,681	10,724	11,509	-9.3
Machinery.....	17,847	17,796	17,986	+0.3	-1.1	-1.0	17,770	17,912	18,110	17,425	+2.0
Computers and electronic products.....	18,566	19,070	19,805	-2.6	-3.7	-2.3	18,526	19,650	20,204	22,143	-16.3
Electrical equipment, appliances, and components.....	5,741	5,853	5,896	-1.9	-0.7	-3.3	5,654	5,820	5,863	6,021	-6.1
Transportation equipment.....	16,642	16,938	16,932	-1.7	0.0	-0.5	16,673	16,964	17,148	18,346	-9.1
Furniture and related products.....	3,293	3,306	3,358	-0.4	-1.5	-1.6	3,269	3,301	3,406	3,717	-12.1
Miscellaneous products.....	6,385	6,450	6,497	-1.0	-0.7	-0.6	6,403	6,473	6,478	6,425	-0.3
Nondurable goods industries.....	59,076	59,526	60,168	-0.8	-1.1	-0.1	58,779	58,983	60,091	62,429	-5.8
Food products.....	10,507	10,659	10,824	-1.4	-1.5	+1.8	10,224	10,333	10,669	10,576	-3.3
Beverage and tobacco products.....	5,830	5,866	5,949	-0.6	-1.4	+0.4	5,781	5,724	5,750	6,020	-4.0
Textiles.....	1,700	1,716	1,735	-0.9	-1.1	-0.7	1,665	1,721	1,759	1,903	-12.5
Textile products.....	1,561	1,551	1,582	+0.6	-2.0	-1.6	1,565	1,570	1,614	1,793	-12.7
Apparel.....	2,148	2,197	2,235	-2.2	-1.7	-1.5	2,120	2,140	2,219	2,519	-15.8
Leather and allied products.....	404	408	425	-1.0	4.0	0.7	402	415	437	427	-5.9
Paper products.....	7,441	7,408	7,443	+0.4	-0.5	-0.9	7,463	7,398	7,435	7,740	-3.6
Printing.....	2,604	2,757	2,845	-5.5	-3.1	+0.2	2,720	2,849	2,860	3,331	-18.3
Petroleum and coal products.....	3,903	3,834	3,962	+1.8	-3.2	+0.3	3,919	3,841	4,009	4,266	-8.1
Basic chemicals.....	15,743	15,851	15,866	-0.7	-0.1	-0.9	15,732	15,735	15,998	16,464	-4.4
Plastics and rubber products.....	7,235	7,279	7,302	-0.6	-0.3	0.0	7,188	7,257	7,341	7,390	-2.7
WORK IN PROCESS											
All manufacturing industries.....	136,409	136,455	136,784	0.0	-0.2	-0.5	136,425	137,629	137,165	142,260	-4.1
Durable goods industries.....	107,750	107,708	108,260	0.0	-0.5	-0.5	107,780	109,176	108,802	112,299	-4.0
Wood products.....	1,977	1,947	1,901	+1.5	+2.4	+0.2	1,972	1,954	1,873	2,055	-4.0
Nonmetallic mineral products.....	1,465	1,428	1,471	+2.6	-2.9	-1.7	1,390	1,409	1,463	1,352	+2.8
Primary metals.....	6,992	7,031	7,068	-0.6	-0.5	-0.8	6,975	7,034	7,128	7,852	-11.2
Fabricated metal products.....	11,476	11,477	11,493	0.0	-0.1	-0.6	11,483	11,576	11,600	11,379	+0.9
Machinery.....	14,840	14,860	14,983	-0.1	-0.8	-0.4	14,690	15,031	15,031	15,211	-3.4
Computers and electronic products.....	18,383	18,335	18,442	+0.3	-0.6	-1.5	18,022	18,914	18,781	17,979	+0.2
Electrical equipment, appliances, and components.....	3,613	3,654	3,729	-1.1	-2.0	-1.4	3,538	3,681	3,778	3,773	-6.2
Transportation equipment.....	44,371	44,225	44,313	+0.3	-0.2	0.0	44,975	44,762	44,210	47,664	-5.6
Furniture and related products.....	1,572	1,588	1,681	-1.0	-5.5	-2.6	1,564	1,598	1,692	1,813	-13.7
Miscellaneous products.....	3,061	3,163	3,179	-3.2	-0.5	+2.3	3,171	3,217	3,246	3,221	-1.6
Nondurable goods industries.....	28,659	28,747	28,524	-0.3	+0.8	-0.3	28,645	28,453	28,363	29,961	-4.4
Food products.....	2,450	2,474	2,416	-1.0	+2.4	-2.2	2,424	2,273	2,224	2,540	-4.6
Beverage and tobacco products.....	3,367	3,376	3,323	-0.3	+1.6	+2.0	3,436	3,102	3,028	3,454	-0.5
Textiles.....	1,595	1,605	1,655	-0.6	-3.0	-2.8	1,575	1,593	1,667	1,815	-13.2
Textile products.....	875	887	890	-1.4	-0.3	-1.4	890	888	888	985	-9.6
Apparel.....	1,705	1,733	1,759	-1.6	-1.5	-5.9	1,653	1,729	1,818	2,196	-24.7
Leather and allied products.....	179	189	194	-5.3	-2.6	-5.8	181	191	197	273	-33.7
Paper products.....	1,433	1,433	1,410	0.0	+1.6	-1.1	1,429	1,446	1,405	1,496	-4.5
Printing.....	1,881	1,942	1,896	-3.1	+2.4	-1.8	1,971	2,121	2,049	2,117	-6.9
Petroleum and coal products.....	2,857	2,758	2,843	+3.6	-3.0	+1.3	2,924	2,776	2,837	3,161	-7.5
Basic chemicals.....	9,891	9,918	9,691	-0.3	+2.3	+1.0	9,788	9,935	9,837	9,627	+1.7
Plastics and rubber products.....	2,426	2,432	2,447	-0.2	-0.6	+0.4	2,374	2,399	2,413	2,297	+3.4
FINISHED GOODS											
All manufacturing industries.....	172,749	174,846	176,060	-1.2	-0.7	-0.9	170,669	175,314	175,863	173,378	-1.6
Durable goods industries.....	91,843	93,578	94,314	-1.9	-0.8	-1.0	89,687	93,569	94,196	91,274	-1.7
Wood products.....	4,060	4,000	4,013	+1.5	-0.3	-1.9	3,831	3,927	4,093	3,819	+0.3
Nonmetallic mineral products.....	4,994	5,031	5,090	-0.7	-1.2	-1.3	4,789	4,900	5,074	4,903	-2.3
Primary metals.....	6,649	6,572	6,720	+1.2	-2.2	-1.7	6,537	6,519	6,700	7,138	-8.4
Fabricated metal products.....	12,046	11,953	12,044	+0.8	-0.8	-0.7	11,634	11,720	12,004	12,135	-4.1
Machinery.....	17,558	17,632	17,653	-0.4	-0.1	-0.9	17,066	17,368	17,148	16,916	+0.9
Computers and electronic products.....	15,823	17,944	18,185	-11.8	-1.3	-1.9	15,338	18,074	18,049	16,242	-5.6
Electrical equipment, appliances, and components.....	5,681	5,644	5,601	+0.7	+0.8	0.0	5,442	5,590	5,536	5,346	+1.8
Transportation equipment.....	13,132	13,000	13,139	+1.0	-1.1	-0.4	13,214	13,571	13,705	12,684	+4.2
Furniture and related products.....	3,333	3,322	3,361	+0.3	-1.2	-1.4	3,304	3,350	3,437	3,456	-4.4
Miscellaneous products.....	8,567	8,480	8,508	+1.0	-0.3	-0.5	8,532	8,550	8,450	8,635	-1.2
Nondurable goods industries.....	80,906	81,268	81,746	-0.4	-0.6	-0.7	80,982	81,745	81,667	82,104	-1.4
Food products.....	16,435	16,760	16,696	-1.9	+0.4	-0.1	17,130	17,106	16,323	17,007	+0.7
Beverage and tobacco products.....	4,830	4,781	4,785	+1.0	-0.1	+2.1	4,867	4,688	4,587	4,657	+4.5
Textiles.....	3,106	3,126	3,118	-0.6	+0.3	-0.8	2,988	3,150	3,167	3,013	-0.8
Textile products.....	2,062	2,093	2,081	-1.5	+0.6	-1.4	2,022	2,080	2,075	2,108	-4.1
Apparel.....	5,766	5,861	5,982	-1.6	-2.0	-0.5	5,847	6,103	6,346	5,497	+6.4
Leather and allied products.....	911	906	886	+0.6	+2.3	+1.3	941	944	915	979	-3.9
Paper products.....	6,679	6,620	6,684	+0.9	-1.0	-1.1	6,610	6,626	6,757	7,073	-6.5
Printing.....	1,719	1,711	1,654	+0.5	+3.4	+0.9	1,767	1,799	1,715	1,761	+0.3
Petroleum and coal products.....	6,087	6,272	6,130	-2.9	+2.3	-3.3	6,229	6,401	6,221	6,485	-3.9
Basic chemicals.....	25,302	25,130	25,637	+0.7	-2.0	-0.7	24,892	25,040	25,569	25,100	-0.8
Plastics and rubber products.....	8,009	8,008	8,093	0.0	-1.1	-1.6	7,689	7,808	7,992	8,424	-8.7

^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			
	Sep 2001 ^p	Aug 2001 ^r	Jul 2001	Jun 2001	Sep 2001 ^p	Aug 2001 ^r	Jul 2001	Jun 2001
All manufacturing industries.....	1.43	1.38	1.38	1.40	(X)	(X)	(X)	(X)
Durable goods industries.....	1.67	1.59	1.59	1.60	4.36	4.26	4.22	4.22
Wood products.....	1.34	1.38	1.38	1.38	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.38	1.28	1.31	1.33	(X)	(X)	(X)	(X)
Primary metals.....	1.80	1.72	1.72	1.78	1.64	1.56	1.55	1.60
Fabricated metal products.....	1.70	1.65	1.67	1.71	2.17	2.13	2.17	2.20
Machinery.....	2.20	2.04	2.06	2.11	2.87	2.64	2.68	2.76
Computers and electronic products.....	1.59	1.66	1.60	1.56	4.42	4.54	4.27	4.16
Electrical equipment, appliances, and components.....	1.54	1.42	1.45	1.41	1.83	1.71	1.77	1.67
Transportation equipment.....	1.52	1.38	1.37	1.39	8.81	8.75	8.70	8.60
Furniture and related products.....	1.48	1.36	1.40	1.47	1.33	1.23	1.26	1.32
Miscellaneous products.....	1.92	1.84	1.88	1.90	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.14	1.12	1.13	1.14	(X)	(X)	(X)	(X)
Food products.....	0.77	0.77	0.78	0.78	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.45	1.38	1.42	1.45	(X)	(X)	(X)	(X)
Textiles.....	1.70	1.68	1.69	1.69	(X)	(X)	(X)	(X)
Textile products.....	1.59	1.61	1.62	1.66	(X)	(X)	(X)	(X)
Apparel.....	1.91	1.91	1.98	1.98	(X)	(X)	(X)	(X)
Leather and allied products.....	2.11	2.10	2.11	2.02	(X)	(X)	(X)	(X)
Paper products.....	1.24	1.19	1.19	1.20	(X)	(X)	(X)	(X)
Printing.....	0.79	0.76	0.78	0.78	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.69	0.70	0.72	0.72	(X)	(X)	(X)	(X)
Basic chemicals.....	1.50	1.43	1.44	1.47	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.21	1.18	1.16	1.22	(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		
	Sep ¹ 2001	Sep ² 1996- 2000	Sep 2000- Aug 2001	Sep ¹ 2001	Sep ² 1996- 2000	Sep 2000- Aug 2001	Sep ¹ 2001	Sep ² 1996- 2000	Sep 2000- Aug 2001	Sep ¹ 2001	Sep ² 1996- 2000	Sep 2000- Aug 2001
All manufacturing industries.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Durable goods industries.....	-0.1	(NA)	(NA)	0.0	(NA)	(NA)	0.0	(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.....	-0.8	(NA)	(NA)	-0.7	(NA)	(NA)	0.1	(NA)	(NA)	0.1	(NA)	(NA)
Fabricated metal products.....	-0.4	(NA)	(NA)	-0.4	(NA)	(NA)	0.0	(NA)	(NA)	-0.1	(NA)	(NA)
Machinery.....	-1.0	(NA)	(NA)	-1.0	(NA)	(NA)	-0.1	(NA)	(NA)	-0.2	(NA)	(NA)
Computers and electronic products.....	0.8	(NA)	(NA)	0.7	(NA)	(NA)	0.0	(NA)	(NA)	-0.3	(NA)	(NA)
Electrical equipment, appliances, and components.....	-0.4	(NA)	(NA)	-0.4	(NA)	(NA)	0.0	(NA)	(NA)	-0.1	(NA)	(NA)
Transportation equipment.....	0.2	(NA)	(NA)	0.1	(NA)	(NA)	0.0	(NA)	(NA)	0.0	(NA)	(NA)
Furniture and related products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Miscellaneous products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Nondurable goods industries.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Food products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Beverage and tobacco products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Textiles.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Textile products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Apparel.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Leather and allied products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Paper products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Printing.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Petroleum and coal products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Basic chemicals.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Plastics and rubber products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)

(X) Not Applicable

(NA) Not Available

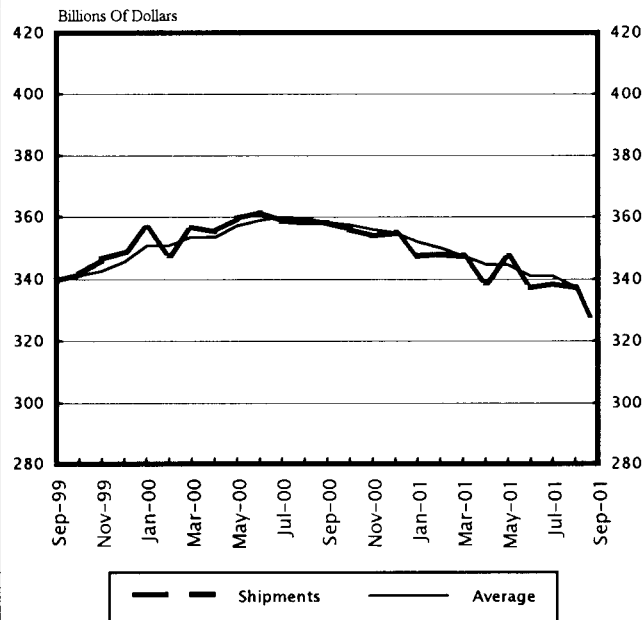
NOTE: The five year and the twelve month revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the absolute values of the differences for the months specified. The advance to final percent change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

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

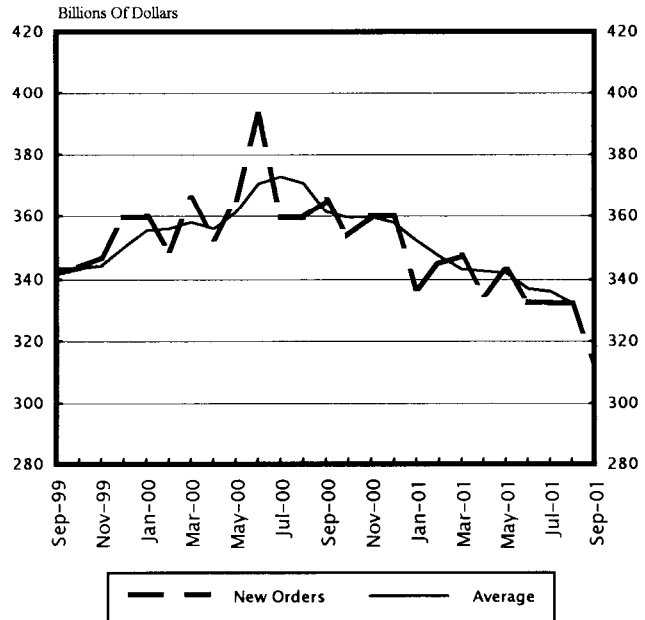
² Average revisions of the current month for the past five years.

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

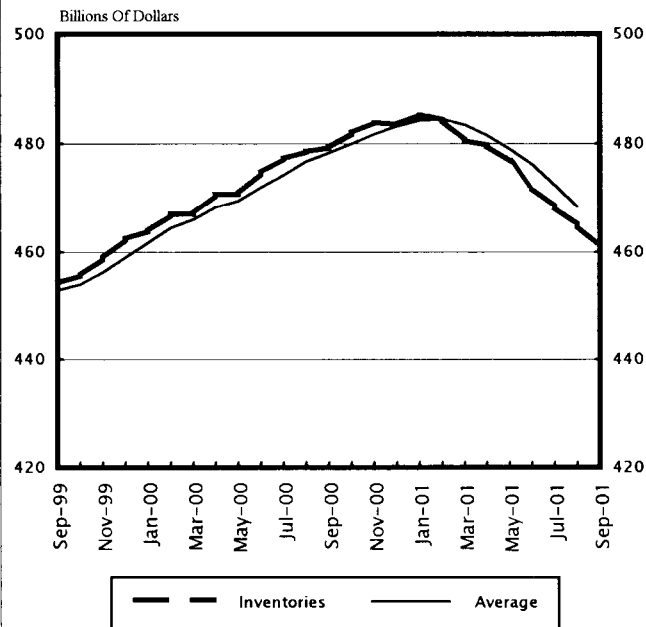
Total Manufacturing
Shipments and Three Month
Moving Average



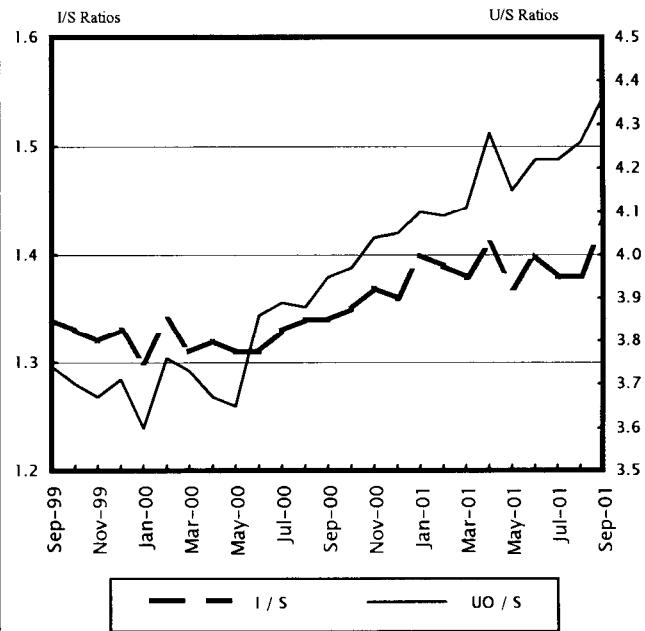
Total Manufacturing
New Orders and Three Month
Moving Average



Total Manufacturing
Total Inventories and Three Month
Moving Average

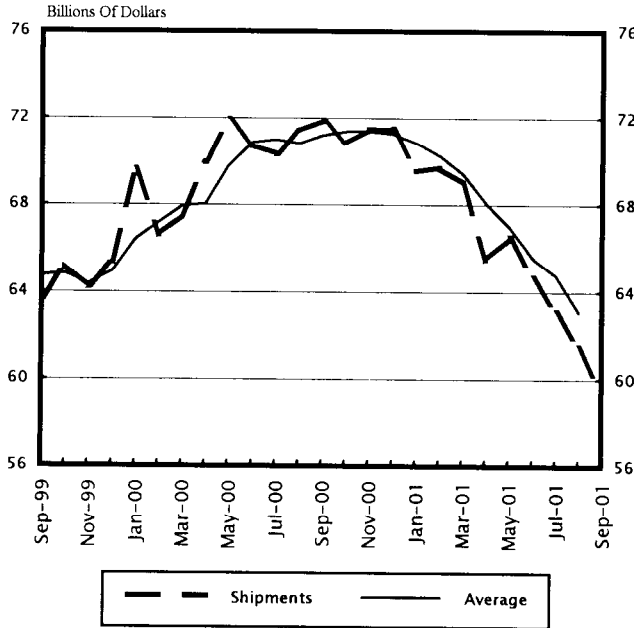


Total Manufacturing
Ratios of Unfilled Orders and Total
Inventories to Shipments

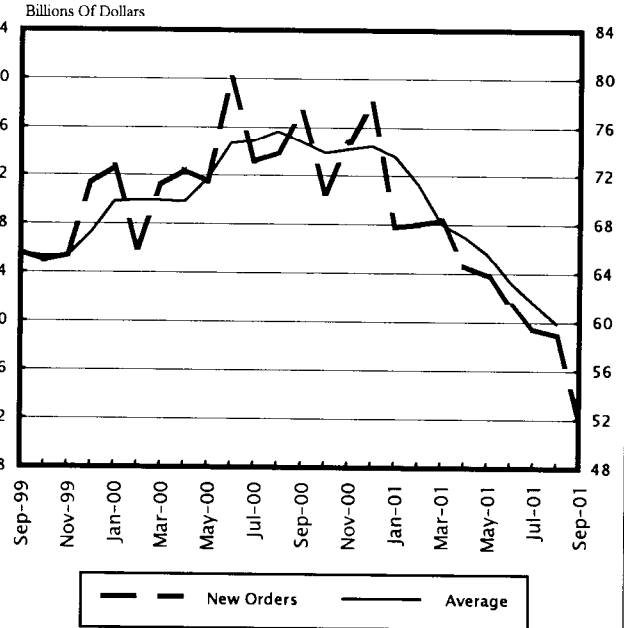


Note: All charts based on seasonally adjusted current dollars.

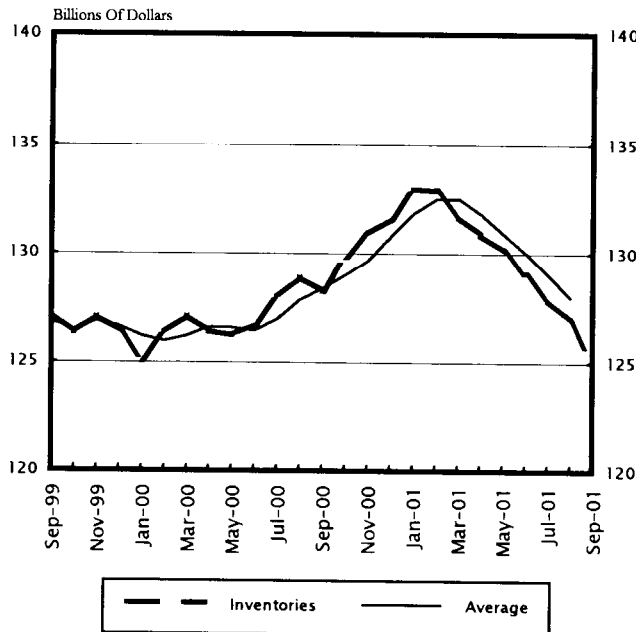
**Nondefense Capital Goods
Shipments and Three Month
Moving Average**



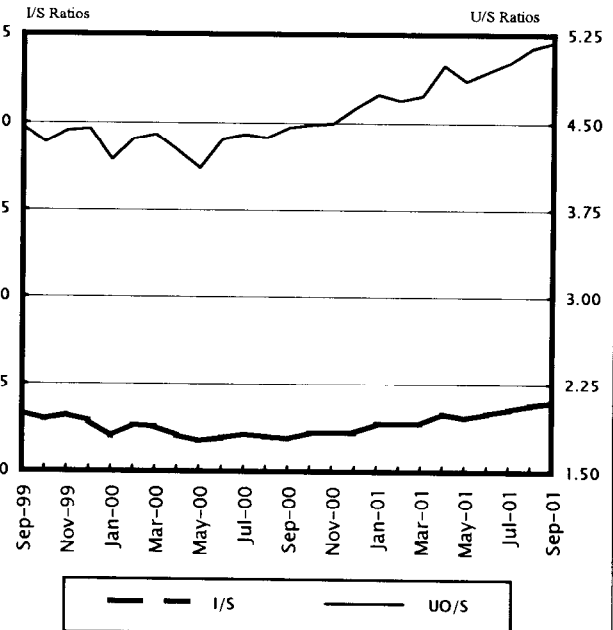
**Nondefense Capital Goods
New Orders and Three Month
Moving Average**



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



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



Note: All charts based on seasonally adjusted current dollars.