



Manufacturers' Shipments, Inventories, and Orders

October 1992

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BUREAU OF THE CENSUS

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Note: All figures in text are in seasonally adjusted current dollars

Summary

New orders for manufactured goods in October increased \$4.1 billion or 1.7 percent to \$244.0 billion, the Department of Commerce, Bureau of the Census reported today. This follows an increase of 1.3 percent in September and a 2.2 percent decrease in August. Excluding defense, new orders were up \$1.9 billion or 0.8 percent, the eighth increase this year. New orders without transportation equipment decreased \$1.2 billion or 0.6 percent.

Shipments decreased \$1.8 billion or 0.7 percent to \$244.0 billion, following a 2.0 percent increase in September and a 2.5 percent decrease in August. Excluding defense, shipments decreased \$1.2 billion or 0.5 percent. Without transportation equipment, shipments were down \$2.4 billion or 1.1 percent.

Unfilled orders were relatively unchanged at \$475.8 billion, the lowest level since December 1988. This follows thirteen consecutive monthly declines. Excluding defense, unfilled orders increased \$0.3 billion or 0.1 percent. Without transportation, unfilled orders increased \$0.1 billion.

Inventories decreased \$0.6 billion or 0.1 percent to \$383.8 billion, following a 0.3 percent decrease in September. Without defense, inventories decreased \$0.5 billion, following five monthly increases. The inventories-to-shipments ratio increased from 1.56 in September to 1.57 in October.

New Orders

New orders for durable goods in October increased \$4.9 billion or 4.1 percent to \$124.7 billion. This increase, the largest since a 12.1 percent rise in July 1991, follows a 0.4 percent increase in September.

Transportation equipment had the largest increase, up \$5.3 billion or 19.7 percent to \$32.1 billion, primarily due to aircraft and parts and motor vehicles and parts. Primary metals increased \$0.4 billion or 4.2 percent to \$10.3 billion, with increases in all categories. Industrial machinery and equipment had the largest decrease, down \$0.4 billion or 1.9 percent to \$20.8 billion, primarily due to metalworking machinery and engines and turbines.

New orders for nondurable goods decreased \$0.8 billion or 0.7 percent to \$119.3 billion, following a 2.3 percent increase in September. This is the second decrease in the last three months. The largest decreases were in tobacco products, chemicals and allied products, and food and kindred products.

Shipments

Shipments of durable goods in October decreased \$0.4 billion or 0.3 percent to \$124.9 billion. This follows a 1.6

percent increase in September. All major groups had decreases except transportation equipment, electronic and other electrical equipment, and stone, clay, and glass products. Instruments and related products had the largest decrease, down \$0.5 billion or 4.4 percent to \$10.1 billion, with decreases in all categories. Transportation equipment had the largest increase, up \$0.6 billion or 1.9 percent to \$32.2 billion, due to motor vehicles and parts.

Shipments of nondurable goods were down \$1.4 billion or 1.2 percent to \$119.1 billion, following a 2.4 percent increase in September. This is the second decrease in the last three months. The largest decline was in tobacco products, down \$1.1 billion. Chemicals and allied products and food and kindred products both declined \$0.4 billion.

Unfilled Orders

Unfilled orders for durable goods in October decreased \$0.3 billion to \$452.9 billion, the lowest level since \$450.0 billion in December 1988. This is the fourteenth consecutive monthly decline. All major groups declined except fabricated metal products and electronic and other electrical equipment. The largest decrease was in primary metals, down \$0.4 billion or 2.1 percent to \$19.9 billion. Transportation equipment was down \$0.1 billion to \$249.1 billion, as decreases in shipbuilding and tanks and motor vehicles and parts more than offset increases in railroad equipment and aircraft and parts. Transportation equipment has declined in thirteen of the last fourteen months and is at the lowest level since \$245.6 billion in October 1989. Unfilled orders for nondurable goods increased \$0.2 billion or 1.1 percent to \$22.9 billion.

Inventories

Inventories for durable goods in October decreased \$1.1 billion or 0.5 percent to \$239.4 billion, the twelfth decline in the last thirteen months. The largest decreases were in electronic and other electrical equipment and instruments and related products, both down \$0.3 billion.

Nondurable goods, up \$0.6 billion or 0.4 percent to \$144.4 billion, have increased for nine consecutive months. Chemicals and allied products had the largest increase, up \$0.3 billion. The largest decrease was in petroleum and coal products, down \$0.2 billion.

By stage of fabrication, finished goods decreased 0.8 percent in durables and increased 0.7 percent in nondurables. Work in process was up 0.4 percent in durables and down 0.1 percent in nondurables. Materials and supplies decreased 1.5 percent in durables and increased 0.2 percent in nondurables.

(SEE BACK PAGE FOR 1993 RELEASE DATES)

The advance report on durable goods for November is scheduled for December 23, 1992 at 8:30 a.m. and the full report on December 31, 1992 at 10:00 a.m. For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. This report is also available the day of issue through the Department of Commerce's online Economic Bulletin Board (N-8-1) (202-482-3870) and through the Census Bureau's online information service-CENDATA. CENDATA is available from Dialog Information Services, Inc. (1-800-334-2464) and CompuServe (1-800-848-8199). The CENDATA staff at the Bureau of the Census (301-763-2074) can provide content information and general guidance.

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	Year to date	
	Oct. 1992 ^P	Sept. 1992 ^r	Aug. 1992	Sept.-Oct.	Aug.-Sept.	July-Aug.	Oct. 1992 ^P	Sept. 1992 ^r	Aug. 1992	Oct. 1991		1992 ^P	1991
All manufacturing industries	244,023	245,838	241,014	-0.7	+2.0	-2.5	256,175	262,873	242,572	250,716	+2.2	2,431,798	2,353,387
Manufacturing Industries													
with unfilled orders	130,804	131,260	128,741	-0.3	+2.0	-2.6	136,242	141,210	128,169	134,031	+1.6	1,296,588	1,262,865
without defense capital goods	236,357	237,509	233,271	-0.5	+1.8	-2.5	248,622	254,103	235,078	242,217	+2.6	2,353,323	2,271,105
Durable goods industries	124,923	125,346	123,364	-0.3	+1.6	-1.1	131,489	134,183	122,149	127,915	+2.8	1,239,072	1,184,514
With unfilled orders	101,961	102,758	100,631	-0.8	+2.1	-2.1	105,743	111,051	99,264	103,744	+1.9	1,011,432	979,358
Stone, clay, and glass products	5,569	5,535	5,428	+0.6	+2.0	-1.6	6,108	6,044	5,832	5,220	+17.0	53,313	48,293
Primary metals	10,733	10,878	10,921	-1.3	-0.4	-2.2	11,417	11,333	11,132	11,516	-0.9	111,622	109,736
Blast furnaces, steel mills	4,601	4,656	4,628	-1.2	+0.6	-0.3	4,882	4,765	4,660	4,909	-0.6	47,439	46,253
Iron and steel foundries	993	977	980	+1.6	-0.3	+2.8	1,113	1,039	1,021	1,034	+7.6	10,062	9,353
Nonferrous and other primary metals	5,139	5,245	5,313	-2.0	-1.3	-4.7	5,422	5,529	5,451	5,573	-2.7	54,121	54,130
Fabricated metal products	13,299	13,455	13,400	-1.2	+0.4	0.0	14,263	14,241	13,488	14,392	-0.9	133,655	131,338
Industrial machinery and equipment	20,834	21,060	20,924	-1.1	+0.6	-0.6	20,826	23,179	19,503	20,151	+3.3	206,950	201,543
Engines and turbines	1,556	1,683	1,469	-7.5	+14.6	-1.9	1,463	1,923	1,334	1,421	+3.0	14,907	14,733
Farm and garden machinery	1,029	954	972	+7.9	-1.9	-7.9	1,099	902	775	1,111	-1.1	11,340	11,785
Construction, mining and material handling equipment	2,444	2,501	2,399	-2.3	+4.3	+4.7	2,520	2,480	2,306	2,471	+2.0	23,172	25,621
Metalworking machinery	2,012	2,404	2,246	-16.3	+7.0	+6.7	2,205	2,564	2,139	2,164	+1.9	21,408	19,609
Computer and office equipment	5,676	5,770	5,949	-1.6	-3.0	-3.2	5,114	7,477	5,264	4,994	+2.4	56,415	49,988
Electronic and other													
electrical equipment	18,444	18,199	17,293	+1.3	+5.2	-4.7	18,506	20,006	17,158	17,038	+8.6	173,320	164,127
Electrical transmission and distribution equipment and industrial apparatus	2,404	2,371	2,338	+1.4	+1.4	-4.0	2,357	2,661	2,261	2,191	+7.6	23,448	22,861
Household appliances	1,615	1,625	1,581	-0.6	+2.8	+0.3	1,626	1,684	1,577	1,567	+3.8	15,670	15,297
Electric lighting and wiring equipment	1,685	1,723	1,661	-2.2	+3.7	-1.6	1,736	1,881	1,669	1,697	+2.3	16,868	16,147
Household audio and video equipment	985	934	1,066	+5.5	-12.4	-7.2	1,227	1,224	1,132	1,250	-1.8	9,857	8,654
Communications equipment	4,330	4,302	3,749	+0.7	+14.8	-12.4	3,896	4,780	3,615	3,239	+20.3	37,593	33,229
Electronic components	5,812	5,622	5,323	+3.4	+5.6	-1.9	5,824	5,906	5,324	5,247	+11.0	53,937	51,575
Transportation equipment	32,190	31,579	31,673	+1.9	-0.3	+0.3	35,283	33,010	30,917	35,419	-0.4	321,257	302,021
Motor vehicles and parts	19,879	19,005	19,494	+4.6	-2.5	+2.4	23,284	19,562	19,317	22,117	+5.3	195,786	173,595
Aircraft, missiles, space vehicles, and parts	10,029	10,083	9,806	-0.5	+2.8	-3.3	9,652	10,854	9,201	10,874	-11.2	102,166	105,649
Shipbuilding and tanks	982	1,108	1,089	-11.4	+1.7	-1.3	980	1,145	1,085	1,248	-21.5	10,532	11,208
Instruments and related products	10,099	10,565	10,118	-4.4	+4.4	-0.4	10,172	11,276	9,786	10,500	-3.1	101,690	102,076
Search and navigation equipment	2,570	2,778	2,627	-7.5	+5.7	-1.7	2,562	3,000	2,559	2,958	-13.4	26,517	28,720
Measuring and controlling devices	2,660	2,714	2,642	-2.0	+2.7	+0.6	2,681	2,876	2,605	2,650	+1.2	26,477	25,589
Medical instruments and supplies	2,831	2,990	2,822	-5.3	+6.0	-0.5	2,786	3,139	2,742	2,813	-1.0	28,698	27,714
Photographic goods	1,688	1,718	1,661	-1.7	+3.4	-0.5	1,786	1,875	1,522	1,754	+1.8	16,495	16,779
All other durable goods	13,755	14,075	13,607	-2.3	+3.4	-1.3	14,914	15,094	14,333	13,679	+9.0	137,265	125,380
Nondurable goods industries	119,100	120,492	117,650	-1.2	+2.4	-3.9	124,686	128,690	120,423	122,801	+1.5	1,192,726	1,168,873
With unfilled orders	28,843	28,502	28,110	+1.2	+1.4	-4.4	30,499	30,159	28,905	30,287	+0.7	285,156	283,507
Food and kindred products	33,140	33,560	32,662	-1.3	+2.7	0.0	34,376	35,532	32,745	33,623	+2.2	327,837	322,510
Meat products	7,500	7,667	7,440	-2.2	+3.1	+0.3	7,793	7,941	7,627	7,596	+2.6	74,403	75,158
Dairy products	4,363	4,412	4,396	-1.1	+0.4	+1.2	4,346	4,513	4,486	4,186	+3.8	43,291	41,045
Beverages	4,658	4,729	4,629	-1.5	+2.2	+0.8	4,537	4,813	4,913	4,426	+2.5	47,128	45,142
All other foods, except fats and oils	14,812	14,946	14,524	-0.9	+2.9	-0.8	15,893	16,459	14,046	15,707	+1.2	145,779	144,835
Tobacco products	2,426	3,493	2,045	-30.5	+70.8	-38.1	2,268	4,053	1,994	2,590	-12.4	26,291	25,566
Textile mill products	5,955	6,143	6,084	-3.1	+1.0	-1.8	6,451	6,792	6,447	6,514	-1.0	60,897	56,308
Broadwoven fabrics and other textiles	3,694	3,848	3,820	-4.0	+0.7	-1.6	3,934	4,274	4,053	3,996	-1.6	38,477	35,567
Paper and allied products	10,332	10,456	10,502	-1.2	-0.4	-1.6	10,548	10,758	10,711	10,635	-0.8	104,997	104,305
Pulp, paper, and paperboard mill products	4,325	4,401	4,427	-1.7	-0.6	-2.3	4,355	4,467	4,467	4,493	-3.1	44,440	44,917
Paperboard containers and boxes	2,499	2,551	2,525	-2.0	+1.0	-1.8	2,629	2,601	2,609	2,561	+2.7	25,287	24,091
Miscellaneous converted paper products	3,508	3,504	3,550	+0.1	-1.3	-0.4	3,564	3,690	3,635	3,581	-0.5	35,270	35,297
Chemicals and allied products	24,422	24,862	24,637	-1.8	+0.9	-3.2	24,328	26,118	24,672	24,156	+0.7	248,923	243,406
Industrial chemicals	12,907	13,017	13,106	-0.8	-0.7	-2.4	13,126	13,293	13,108	12,811	+2.5	129,559	128,675
Drugs, soaps, and toiletries	8,888	9,258	8,897	-4.0	+4.1	-4.3	8,861	10,505	9,078	8,801	+0.7	90,239	84,743
Petroleum and coal products	13,083	12,898	13,111	+1.4	-1.6	-7.7	14,257	14,190	13,926	13,959	+2.1	131,542	134,276
Rubber and plastics products	8,750	8,763	8,791	-0.1	-0.3	-2.2	9,199	9,146	8,959	9,413	-2.3	90,370	87,499
All other nondurable goods	20,992	20,317	19,818	+3.3	+2.5	-5.4	23,259	22,101	20,969	21,911	+6.2	201,869	195,003

^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.

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 Oct. 92/91	Year to date	
	Oct. 1992 ^P	Sept. 1992 ^r	Aug. 1992	Sept.- Oct.	Aug.- Sept.	July- Aug.	Oct. 1992 ^P	Sept. 1992 ^r	Aug. 1992	Oct. 1991		1992 ^P	1991
All manufacturing industries	244,003	239,951	236,880	+1.7	+1.3	-2.2	254,843	256,610	236,506	246,333	+3.5	2,403,119	2,341,869
Manufacturing industries with unfilled orders	130,784	125,373	124,607	+4.3	+0.6	-2.1	134,910	134,947	122,103	129,648	+4.1	1,267,909	1,251,347
without defense capital goods	236,697	234,781	230,418	+0.8	+1.9	-2.6	246,936	250,087	231,649	237,662	+3.9	2,340,600	2,266,129
Durable goods industries	124,659	119,801	119,376	+4.1	+0.4	-0.4	130,448	128,327	116,081	124,100	+5.1	1,210,030	1,171,157
With unfilled orders	101,697	97,213	96,643	+4.6	+0.6	-1.3	104,702	105,195	93,196	99,929	+4.8	982,390	966,001
Stone, clay, and glass products	5,500	5,424	5,321	+1.4	+1.9	+5.7	5,782	5,858	5,818	5,239	+10.4	53,744	49,711
Primary metals	10,301	9,885	11,147	+4.2	-11.3	-1.2	10,556	10,108	10,829	10,760	-1.9	109,302	107,247
Blast furnaces, steel mills	4,418	4,317	4,594	+2.3	-6.0	-0.9	4,517	4,400	4,514	4,669	-3.3	46,239	45,656
Iron and steel foundries	1,009	901	982	+12.0	-8.2	+7.6	1,139	902	1,072	1,004	+13.4	9,911	9,050
Nonferrous and other primary metals	4,874	4,667	5,571	+4.4	-16.2	-2.9	4,900	4,806	5,243	5,087	-3.7	53,152	52,541
Fabricated metal products	13,550	13,860	13,142	-2.2	+5.5	+1.8	14,200	14,601	13,190	13,926	+2.0	132,359	130,437
Industrial machinery and equipment . .	20,810	21,222	20,547	-1.9	+3.3	-0.6	20,815	23,200	19,212	19,399	+7.3	205,056	198,964
Engines and turbines	1,518	1,932	1,581	-21.4	+22.2	+4.5	1,495	2,219	1,587	1,578	-5.3	15,455	16,447
Construction, mining and material handling equipment	2,602	2,555	2,413	+1.8	+5.9	+7.5	2,700	2,525	2,254	2,293	+17.7	23,178	24,119
Metalworking machinery	1,725	2,310	1,920	-25.3	+20.3	-11.0	1,918	2,470	1,813	1,911	+0.4	20,794	19,267
Computer and office equipment	5,678	5,764	6,027	-1.5	-4.4	+4.3	5,143	7,424	5,410	4,712	+9.1	55,342	50,098
Electronic and other electrical equipment	18,775	18,488	17,343	+1.6	+6.6	-4.5	18,907	19,873	17,098	16,893	+11.9	174,067	162,941
Electrical transmission and distribution equipment and industrial apparatus	2,474	2,148	2,313	+15.2	-7.1	+1.5	2,417	2,413	2,251	2,248	+7.5	22,999	22,872
Electric lighting and wiring equipment	1,692	1,652	1,685	+2.4	-2.0	+2.2	1,743	1,810	1,693	1,673	+4.2	16,663	16,497
Communications equipment	4,446	4,388	3,709	+1.3	+18.3	-14.5	4,060	4,869	3,517	3,227	+25.8	37,836	31,328
Electronic components	5,799	5,966	5,475	-2.8	+9.0	-2.9	5,812	5,954	5,341	4,956	+17.3	54,672	51,305
Transportation equipment	32,097	26,814	28,399	+19.7	-5.6	+2.9	35,586	29,069	26,703	33,776	+5.4	300,285	296,477
Aircraft, missiles, space vehicles, and parts.	10,265	6,569	7,367	+56.3	-10.8	+3.9	10,374	8,213	5,835	9,738	+6.5	85,108	101,017
Shipbuilding and tanks	616	329	510	+87.2	-35.5	+77.1	559	318	517	944	-40.8	6,210	10,258
Instruments and related products	9,934	10,197	10,042	-2.6	+1.5	+2.9	10,154	10,963	9,347	10,779	-5.8	97,274	99,546
Search and navigation equipment	1,882	2,807	2,111	-33.0	+33.0	-4.6	2,054	3,065	1,672	2,972	-30.9	22,447	26,389
Measuring and controlling devices	2,706	2,515	2,547	+7.6	-1.3	-3.8	2,727	2,677	2,510	2,664	+2.4	25,921	25,449
Medical instruments and supplies	3,350	2,841	3,316	+17.9	-14.3	+15.0	3,305	2,990	3,236	3,105	+6.4	29,015	27,643
All other durable goods	13,692	13,911	13,435	-1.6	+3.5	-2.8	14,448	14,655	13,884	13,328	+8.4	137,943	125,834
Nondurable goods industries	119,344	120,150	117,504	-0.7	+2.3	-4.0	124,395	128,283	120,425	122,233	+1.8	1,193,089	1,170,712
With unfilled orders	29,087	28,160	27,964	+3.3	+0.7	-4.9	30,208	29,752	28,907	29,719	+1.6	285,519	285,346

^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.

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 Oct. 92/91
	Oct. 1992 ^P	Sept. 1992 ^r	Aug. 1992	Sept.- Oct.	Aug.- Sept.	July- Aug.	Oct. 1992 ^P	Sept. 1992 ^r	Aug. 1992	Oct. 1991	
All manufacturing industries	475,842	475,862	481,749	0.0	-1.2	-0.9	473,586	474,918	481,181	507,153	-6.6
Manufacturing industries without defense capital goods	347,706	347,366	350,094	+0.1	-0.8	-0.8	345,911	347,597	351,613	361,858	-4.4
Durable goods industries	452,946	453,210	458,755	-0.1	-1.2	-0.9	450,682	451,723	457,579	484,195	-6.9
Stone, clay, and glass products	6,749	6,818	6,929	-1.0	-1.6	-1.5	6,683	7,009	7,195	6,583	+1.5
Primary metals	19,866	20,298	21,291	-2.1	-4.7	+1.1	19,025	19,886	21,111	21,194	-10.2
Blast furnaces, steel mills	7,566	7,749	8,088	-2.4	-4.2	-0.4	7,347	7,712	8,077	9,113	-19.4
Iron and steel foundries	2,760	2,744	2,820	+0.6	-2.7	+0.1	2,749	2,723	2,860	2,895	-5.0
Nonferrous and other primary metals	9,540	9,805	10,383	-2.7	-5.6	+2.5	8,929	9,451	10,174	9,186	-2.8
Fabricated metal products	23,200	22,949	22,544	+1.1	+1.8	-1.1	22,952	23,015	22,655	24,476	-6.2
Industrial machinery and equipment . .	51,308	51,332	51,170	0.0	+0.3	-0.7	51,177	51,188	51,167	54,339	-5.8
Engines and turbines	10,947	10,985	10,736	-0.3	+2.3	+1.1	11,092	11,060	10,764	10,894	+1.8
Construction, mining and material handling equipment	6,265	6,107	6,053	+2.6	+0.9	+0.2	6,171	5,991	5,946	6,004	+2.8
Metalworking machinery	7,303	7,590	7,684	-3.8	-1.2	-4.1	7,303	7,590	7,684	7,449	-2.0
Computer and office equipment . . .	7,967	7,965	7,971	0.0	-0.1	+1.0	8,142	8,113	8,166	10,584	-23.1
Electronic and other electrical equipment	42,627	42,296	42,007	+0.8	+0.7	+0.1	42,372	41,971	42,104	41,752	+1.5
Electrical transmission and distribution equipment and industrial apparatus	5,855	5,785	6,008	+1.2	-3.7	-0.4	5,828	5,768	6,016	6,475	-10.0
Electric lighting and wiring equipment	2,774	2,767	2,838	+0.3	-2.5	+0.9	2,774	2,767	2,838	2,934	-5.5
Communications equipment	14,593	14,477	14,391	+0.8	+0.6	-0.3	14,628	14,464	14,375	14,457	+1.2
Electronic components	14,816	14,829	14,485	-0.1	+2.4	+1.1	14,505	14,517	14,469	13,197	+9.9
Transportation equipment	249,087	249,180	253,945	0.0	-1.9	-1.3	248,621	248,318	252,259	269,794	-7.8
Aircraft, missiles, space vehicles, and parts	218,390	218,154	221,668	+0.1	-1.6	-1.1	217,956	217,234	219,875	233,864	-6.8
Shipbuilding and tanks	23,103	23,469	24,248	-1.6	-3.2	-2.3	23,158	23,579	24,406	28,402	-18.5
Instruments and related products . . .	52,580	52,745	53,113	-0.3	-0.7	-0.1	52,524	52,542	52,855	58,924	-10.9
Search and navigation equipment . .	34,946	35,634	35,605	-1.9	+0.1	-1.4	34,884	35,392	35,327	40,339	-13.5
Measuring and controlling devices . .	8,260	8,214	8,413	+0.6	-2.4	-1.1	8,260	8,214	8,413	8,751	-5.6
Medical instruments and supplies . .	8,511	7,992	8,141	+6.5	-1.8	+6.5	8,511	7,992	8,141	8,846	-3.8
All other durable goods	7,529	7,592	7,756	-0.8	-2.1	-2.2	7,328	7,794	8,233	7,133	+2.7
Nondurable goods industries	22,896	22,652	22,994	+1.1	-1.5	-0.6	22,904	23,195	23,602	22,958	-0.2

^P Preliminary. ^r Revised.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS
(Millions of dollars)

Industry	Seasonally adjusted						Not seasonally adjusted				
	Monthly			Percent Change			Monthly				Percent change Oct. 92/91
	Oct. 1992 ^P	Sept. 1992 ^r	Aug. 1992	Sept.- Oct.	Aug.- Sept.	July- Aug.	Oct. 1992 ^P	Sept. 1992 ^r	Aug. 1992	Oct. 1991	
All manufacturing industries	383,827	384,390	385,596	-0.1	-0.3	+0.5	384,066	383,105	386,989	388,727	-1.2
Manufacturing industries											
with unfilled orders	255,356	256,394	257,644	-0.4	-0.5	+0.4	254,825	255,625	259,787	264,922	-3.8
without defense capital goods	352,279	352,792	352,691	-0.1	0.0	+0.8	351,958	351,265	353,454	350,657	+0.4
Durable goods industries	239,417	240,550	242,036	-0.5	-0.6	+0.3	239,289	239,697	243,425	249,622	-4.1
With unfilled orders	221,126	222,211	223,683	-0.5	-0.7	+0.3	221,141	221,651	225,392	231,556	-4.5
Stone, clay, and glass products	7,917	7,981	8,023	-0.8	-0.5	+1.0	7,656	7,764	7,945	7,686	-0.4
Primary metals	19,712	19,885	19,974	-0.9	-0.4	+0.7	19,672	19,980	20,023	20,569	-4.4
Blast furnaces, steel mills	9,685	9,697	9,823	-0.1	-1.3	-0.1	9,704	9,766	9,844	10,154	-4.4
Iron and steel foundries	1,423	1,434	1,428	-0.8	+0.4	+1.0	1,390	1,415	1,412	1,405	-1.1
Nonferrous and other primary metals	8,604	8,754	8,723	-1.7	+0.4	+1.5	8,578	8,799	8,767	9,010	-4.8
Fabricated metal products	22,948	23,172	23,310	-1.0	-0.6	+0.2	22,698	22,915	23,215	22,719	-0.1
Industrial machinery and equipment	44,986	45,089	45,161	-0.2	-0.2	+0.6	45,107	44,988	45,452	47,626	-5.3
Engines and turbines	3,587	3,484	3,582	+3.0	-2.7	+2.7	3,758	3,535	3,732	3,654	+2.8
Farm and garden machinery	2,344	2,344	2,311	0.0	+1.4	-0.3	2,274	2,295	2,228	2,362	-3.7
Construction, mining and material handling equipment	5,817	5,951	5,929	-2.3	+0.4	-0.7	5,759	5,906	5,893	6,636	-13.2
Metalworking machinery	5,625	5,661	5,659	-0.6	0.0	-0.3	5,631	5,692	5,738	5,685	-0.9
Computer and office equipment	9,674	9,530	9,582	+1.5	-0.5	+2.1	9,838	9,598	9,851	10,291	-4.4
Electronic and other electrical equipment	30,698	31,021	31,097	-1.0	-0.2	+0.7	30,573	30,907	31,391	31,081	-1.6
Electrical transmission and distribution equipment and industrial apparatus	4,196	4,240	4,331	-1.0	-2.1	+0.5	4,185	4,213	4,341	4,305	-2.8
Household appliances	2,671	2,678	2,715	-0.3	-1.4	-0.1	2,572	2,560	2,636	2,537	+1.4
Electric lighting and wiring equipment	2,992	2,998	3,000	-0.2	-0.1	+0.3	2,998	2,985	3,017	3,030	-1.1
Household audio and video equipment	1,205	1,222	1,230	-1.4	-0.7	-0.5	1,213	1,266	1,299	1,166	+4.0
Communications equipment	7,251	7,321	7,414	-1.0	-1.3	+1.4	7,250	7,346	7,527	7,186	+0.9
Electronic components	8,883	8,962	8,916	-0.9	+0.5	+0.8	8,883	8,998	9,047	9,322	-4.7
Transportation equipment	69,527	69,431	70,330	+0.1	-1.3	+0.3	69,935	69,283	70,989	75,729	-7.7
Motor vehicles and parts	12,471	12,627	12,483	-1.2	+1.2	+2.1	12,481	12,655	12,536	12,840	-2.8
Aircraft, missiles, space vehicles, and parts	52,854	52,722	53,416	+0.3	-1.3	-0.2	53,307	52,524	53,917	58,735	-9.2
Shipbuilding and tanks	1,809	1,746	2,057	+3.6	-15.1	+1.6	1,793	1,794	2,159	1,855	-3.3
Instruments and related products	23,497	23,814	23,867	-1.3	-0.2	-0.2	23,593	23,781	24,139	24,842	-5.0
Search and navigation equipment	7,017	7,266	7,381	-3.4	-1.6	-1.4	7,074	7,265	7,554	8,497	-16.7
Measuring and controlling devices	6,631	6,687	6,667	-0.8	+0.3	-0.3	6,631	6,695	6,714	6,762	-1.9
Medical instruments and supplies	6,313	6,308	6,285	+0.1	+0.4	+0.9	6,332	6,241	6,274	6,091	+4.0
Photographic goods	2,900	2,911	2,888	-0.4	+0.8	+0.6	2,932	2,951	2,947	2,856	+2.7
All other durable goods	20,132	20,157	20,274	-0.1	-0.6	-0.4	20,055	20,079	20,271	19,370	+3.5
Nondurable goods industries	144,410	143,840	143,560	+0.4	+0.2	+0.9	144,777	143,408	143,564	139,105	+4.1
With unfilled orders	34,230	34,183	33,961	+0.1	+0.7	+1.0	33,684	33,974	34,395	33,366	+1.0
Food and kindred products	30,824	30,595	30,713	+0.7	-0.4	+0.5	32,420	31,185	30,855	31,446	+3.1
Meat products	2,904	2,799	2,811	+3.8	-0.4	+0.9	2,898	2,751	2,755	2,893	+0.2
Dairy products	2,804	2,870	2,908	-2.3	-1.3	+1.1	2,784	2,860	3,004	2,498	+11.4
Beverages	5,725	5,721	5,722	+0.1	0.0	+0.9	5,765	5,710	5,573	5,438	+6.0
All other foods, except fats and oils	17,762	17,604	17,580	+0.9	+0.1	+0.2	19,236	18,456	18,050	18,894	+1.8
Tobacco products	6,820	6,701	6,913	+1.8	-3.1	+2.4	6,875	6,517	6,675	6,500	+5.8
Textile mill products	9,139	9,113	9,093	+0.3	+0.2	+0.7	8,983	9,035	9,199	8,541	+5.2
Broadwoven fabrics and other textiles	5,348	5,306	5,300	+0.8	+0.1	+0.6	5,241	5,193	5,312	5,035	+4.1
Paper and allied products	13,842	13,768	13,744	+0.5	+0.2	+0.8	13,453	13,445	13,590	13,091	+2.8
Pulp, paper, and paperboard mill products	5,870	5,801	5,796	+1.2	+0.1	+1.2	5,676	5,645	5,714	5,220	+8.7
Paperboard containers and boxes	3,221	3,241	3,275	-0.6	-1.0	-0.5	3,140	3,219	3,244	3,152	-0.4
Miscellaneous converted paper products	4,751	4,726	4,673	+0.5	+1.1	+1.3	4,637	4,581	4,632	4,719	-1.7
Chemicals and allied products	35,230	34,980	34,733	+0.7	+0.7	+1.5	34,855	34,388	34,503	33,372	+4.4
Industrial chemicals	17,610	17,688	17,533	-0.4	+0.9	+1.1	17,293	17,445	17,358	16,949	+2.0
Drugs, soaps, and toiletries	12,951	12,705	12,658	+1.9	+0.4	+1.9	13,003	12,552	12,837	11,950	+8.8
Petroleum and coal products	11,611	11,859	11,985	-2.1	-1.1	-0.7	11,912	12,023	11,880	11,915	0.0
Rubber and plastics products	11,387	11,317	11,195	+0.6	+1.1	+0.7	11,214	11,168	11,012	10,967	+2.3
All other nondurable goods	25,557	25,507	25,184	+0.2	+1.3	+1.3	25,065	25,647	25,850	23,273	+7.7

^P Preliminary. ^r Revised.

**Table 5. VALUE OF MANUFACTURERS' SHIPMENTS AND NEW ORDERS
FOR TOPICAL SERIES¹
(Millions of dollars)**

Industry	Seasonally adjusted						Not seasonally adjusted ²						
	Monthly			Percent Change			Monthly				Percent change Oct. 92/91	Year to date	
	Oct. 1992 ^P	Sept. 1992 ^f	Aug. 1992	Sept.- Oct.	Aug.- Sept.	July- Aug.	Oct. 1992 ^P	Sept. 1992 ^f	Aug. 1992	Oct. 1991		1992 ^P	1991
SHIPMENTS													
All manufacturing industries	244,023	245,838	241,014	-0.7	+2.0	-2.5	256,175	262,873	242,572	250,716	+2.2	2,431,798	2,353,387
Market categories :													
Automotive equipment	9,944	9,635	9,900	+3.2	-2.7	+3.5	11,590	9,976	9,793	11,030	+5.1	98,139	87,300
Home goods and apparel	17,139	17,075	16,799	+0.4	+1.6	-1.8	19,427	19,212	18,080	17,868	+8.7	167,440	151,063
Consumer staples	54,750	56,374	54,006	-2.9	+4.4	-4.5	56,501	60,878	54,625	55,945	+1.0	547,061	539,431
Machinery and equipment	40,329	40,448	39,548	-0.3	+2.3	-0.9	41,007	43,673	37,615	40,045	+2.4	394,696	378,648
Business supplies	19,127	18,685	18,490	+2.4	+1.1	-5.9	20,403	19,646	18,601	20,306	+0.5	189,023	192,274
Construction materials and supplies	15,460	15,736	15,311	-1.8	+2.8	-0.8	16,655	17,054	16,268	15,462	+7.7	154,860	141,995
Defense products	7,887	8,627	7,988	-8.6	+8.0	-3.4	7,773	9,101	7,801	8,549	-9.1	80,831	83,074
Other materials, supplies and and intermediate products	79,387	79,258	78,972	+0.2	+0.4	-2.2	82,819	83,333	79,789	81,511	+1.6	799,748	779,602
Durable goods industries :													
Nondefense capital goods ³	31,839	32,033	31,173	-0.6	+2.8	-2.1	30,879	35,526	29,348	30,375	+1.7	311,114	301,307
Excluding aircraft and parts	26,138	26,467	25,588	-1.2	+3.4	-2.4	25,506	29,412	24,242	24,249	+5.2	252,169	241,466
Defense capital goods ⁴	7,666	8,329	7,743	-8.0	+7.6	-4.1	7,553	8,770	7,494	8,499	-11.1	78,475	82,282
Durables excluding capital goods	85,418	84,984	84,448	+0.5	+0.6	-0.5	93,057	89,887	85,307	89,041	+4.5	849,483	800,925
Miscellaneous series :													
Producers' durable equipment	78,647	78,331	77,290	+0.4	+1.3	-0.9	83,428	84,103	75,063	81,029	+3.0	775,034	734,193
Household durable goods	7,255	7,248	7,194	+0.1	+0.8	-2.2	8,116	8,240	7,378	7,765	+4.5	71,084	66,474
Information technology industries	14,549	14,658	14,140	-0.7	+3.7	-4.8	13,707	17,182	13,186	12,942	+5.9	138,856	128,500
Health care equipment and products	7,658	8,015	7,655	-4.5	+4.7	-2.9	7,605	8,830	7,675	7,600	+0.1	77,723	73,795
NEW ORDERS													
All manufacturing industries	244,003	239,951	236,880	+1.7	+1.3	-2.2	254,843	256,610	236,506	246,333	+3.5	2,403,119	2,341,869
Market categories :													
Automotive equipment	9,906	9,621	9,874	+3.0	-2.6	+3.5	11,561	9,947	9,769	11,016	+4.9	98,084	87,566
Home goods and apparel	17,542	16,938	16,900	+3.6	+0.2	-1.7	19,206	18,911	18,034	17,321	+10.9	168,839	152,663
Consumer staples	54,790	56,386	53,997	-2.8	+4.4	-4.6	56,514	60,884	54,646	55,959	+1.0	547,131	539,491
Machinery and equipment	40,205	38,810	36,984	+3.6	+4.9	-2.1	40,810	41,888	34,962	38,529	+5.9	384,761	370,739
Business supplies	19,092	18,591	18,440	+2.7	+0.8	-6.3	20,163	19,548	18,595	20,040	+0.6	188,843	192,134
Construction materials and supplies	15,540	15,786	15,283	-1.6	+3.3	-0.6	16,423	17,092	16,176	15,232	+7.8	154,820	142,755
Defense products	7,786	5,550	6,929	+40.3	-19.9	+17.2	8,294	6,990	5,454	8,913	-6.9	65,829	76,776
Other materials, supplies and and intermediate products	79,142	78,269	78,473	+1.1	-0.3	-2.2	81,872	81,350	78,870	79,323	+3.2	794,812	779,745
Durable goods industries :													
Nondefense capital goods ³	31,712	30,571	28,153	+3.7	+8.6	-3.9	30,700	33,951	26,464	28,122	+9.2	299,958	295,147
Excluding aircraft and parts	26,051	26,385	24,779	-1.3	+6.5	-3.1	25,367	29,217	23,569	23,252	+9.1	250,207	236,077
Defense capital goods ⁴	7,306	5,170	6,462	+41.3	-20.0	+14.8	7,907	6,523	4,857	8,671	-8.8	62,519	75,740
Durables excluding capital goods	85,641	84,060	84,761	+1.9	-0.8	-0.2	91,841	87,853	84,760	87,307	+5.2	847,553	800,270
Miscellaneous series :													
Producers' durable equipment	78,561	76,463	74,639	+2.7	+2.4	-0.8	82,599	81,726	72,277	79,321	+4.1	763,673	724,159
Household durable goods	7,528	7,266	7,161	+3.6	+1.5	-3.1	7,960	7,993	7,269	7,405	+7.5	71,830	67,341
Information technology industries	14,156	14,827	13,994	-4.5	+6.0	-3.7	13,332	17,299	13,092	12,451	+7.1	136,928	126,694
Health care equipment and products	8,175	7,865	8,148	+3.9	-3.5	+2.7	8,123	8,680	8,167	7,893	+2.9	78,038	73,721

^P Preliminary. ^f Revised.

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 : ordnance and accessories; steam, gas and hydraulic turbines; internal combustion engines; construction, mining, and material handling equipment; metalworking machinery; special industry machinery; general industrial machinery; computer and office equipment; refrigeration, heating and service industry machinery; electrical transmission and distribution equipment; electrical industrial apparatus; communications equipment; aircraft, missiles, space vehicles, and engines and parts; ships and tank components; railroad equipment; and search and navigation equipment.

⁴ Defense capital goods industries include : ordnance and accessories; communications equipment; aircraft, missiles, space vehicles, and engines and parts; ships, tanks and tank components; and search and navigation equipment.

**Table 6. VALUE OF MANUFACTURERS' UNFILLED ORDERS AND TOTAL INVENTORIES
FOR TOPICAL SERIES¹
(Millions of dollars)**

(thousands of dollars)

Industry	Seasonally adjusted						Not seasonally adjusted				
	Monthly			Percent Change			Monthly				Percent change Oct. 92/91
	Oct. 1992 ^P	Sept. 1992 ^F	Aug. 1992	Sept.- Oct.	Aug.- Sept.	July- Aug.	Oct. 1992 ^P	Sept. 1992 ^F	Aug. 1992	Oct. 1991	
UNFILLED ORDERS											
All manufacturing industries	475,842	475,862	481,749	0.0	-1.2	-0.9	473,586	474,918	481,181	507,153	-6.6
Market categories :											
Automotive equipment	1,622	1,660	1,674	-2.3	-0.8	-1.5	1,620	1,649	1,677	1,773	-8.6
Home goods and apparel	10,057	9,653	9,790	+4.2	-1.4	+1.0	9,838	10,059	10,359	9,309	+5.7
Consumer staples	1,342	1,302	1,290	+3.1	+0.9	-0.7	1,355	1,342	1,336	1,357	-0.1
Machinery and equipment	204,049	204,174	205,811	-0.1	-0.8	-1.2	203,927	204,124	205,909	215,249	-5.3
Business supplies	5,624	5,659	5,754	-0.6	-1.7	-0.9	5,577	5,817	5,915	5,772	-3.4
Construction materials and supplies	14,038	13,957	13,907	+0.6	+0.4	-0.2	13,838	14,070	14,032	14,017	-1.3
Defense products	121,574	121,675	124,752	-0.1	-2.5	-0.8	121,021	120,500	122,610	136,908	-11.6
Other materials, supplies and and intermediate products	117,536	117,782	118,771	-0.2	-0.8	-0.4	116,410	117,357	119,343	122,768	-5.2
Durable goods industries :											
Nondefense capital goods ³	223,532	223,659	225,121	-0.1	-0.6	-1.3	223,445	223,624	225,199	235,807	-5.2
Excluding aircraft and parts	72,788	72,875	72,957	-0.1	-0.1	-1.1	72,701	72,840	73,035	76,294	-4.7
Defense capital goods ⁴	128,136	128,496	131,655	-0.3	-2.4	-1.0	127,675	127,321	129,568	145,295	-12.1
Durables excluding capital goods	101,278	101,055	101,979	+0.2	-0.9	+0.3	99,562	100,778	102,812	103,093	-3.4
Miscellaneous series :											
Producers' durable equipment	225,866	225,952	227,820	0.0	-0.8	-1.2	225,402	226,231	228,608	239,947	-6.1
Household durable goods	5,486	5,213	5,195	+5.2	+0.3	-0.6	5,236	5,392	5,639	5,110	+2.5
Information technology industries	31,545	31,938	31,769	-1.2	+0.5	-0.5	31,713	32,088	31,971	34,863	-9.0
Health care equipment and products	8,537	8,020	8,170	+6.4	-1.8	+6.4	8,538	8,020	8,170	8,875	-3.8
TOTAL INVENTORIES											
All manufacturing industries	383,827	384,390	385,596	-0.1	-0.3	+0.5	384,066	383,105	386,989	388,727	-1.2
Market categories :											
Automotive equipment	6,454	6,478	6,431	-0.4	+0.7	+1.8	6,393	6,421	6,410	6,487	-1.4
Home goods and apparel	29,176	29,176	29,143	0.0	+0.1	+0.4	28,437	28,998	29,430	25,842	+10.0
Consumer staples	59,927	59,418	59,612	+0.9	-0.3	+0.9	61,558	59,803	59,817	59,311	+3.8
Machinery and equipment	87,940	88,201	88,196	-0.3	0.0	+1.1	87,960	87,667	88,614	90,500	-2.8
Business supplies	22,144	22,225	22,115	-0.4	+0.5	+1.5	22,117	22,307	22,359	22,223	-0.5
Construction materials and supplies	22,744	22,913	22,998	-0.7	-0.4	-0.3	22,526	22,628	22,908	22,305	+1.0
Defense products	29,670	29,714	30,770	-0.1	-3.4	-1.7	30,135	29,864	31,331	35,474	-15.1
Other materials, supplies and and intermediate products	125,772	126,265	126,331	-0.4	-0.1	+0.5	124,940	125,417	126,120	126,585	-1.3
Durable goods industries :											
Nondefense capital goods ³	82,756	82,936	83,091	-0.2	-0.2	+1.2	82,878	82,491	83,724	86,168	-3.8
Excluding aircraft and parts	53,818	53,922	54,490	-0.2	-1.0	+0.5	53,968	53,847	55,114	56,297	-4.1
Defense capital goods ⁴	31,548	31,598	32,905	-0.2	-4.0	-2.3	32,108	31,840	33,535	38,070	-15.7
Durables excluding capital goods	125,113	126,016	126,040	-0.7	0.0	+0.5	124,303	125,366	126,166	125,384	-0.9
Miscellaneous series :											
Producers' durable equipment	142,264	143,063	143,111	-0.6	0.0	+0.9	141,947	142,217	143,669	144,418	-1.7
Household durable goods	12,916	12,946	13,061	-0.2	-0.9	+0.1	12,715	12,841	13,176	12,300	+3.4
Information technology industries	27,925	27,919	27,990	0.0	-0.3	+0.9	28,133	27,995	28,508	28,655	-1.8
Health care equipment and products	13,343	13,208	13,159	+1.0	+0.4	+1.4	13,390	13,059	13,241	12,604	+6.2

See footnotes at end of table 5.

**Table 7. 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 Oct. 92/91
	Oct. 1992 ^P	Sept. 1992 ^F	Aug. 1992	Sept.- Oct.	Aug.- Sept.	July- Aug.	Oct. 1992 ^P	Sept. 1992 ^F	Aug. 1992	Oct. 1991	
MATERIALS AND SUPPLIES											
All manufacturing industries	119,303	120,210	120,086	-0.8	+0.1	+0.3	119,338	119,659	119,879	120,298	-0.8
Durable goods industries	66,283	67,296	67,304	-1.5	0.0	+0.8	66,420	67,495	67,678	68,717	-3.3
Stone, clay, and glass products	2,455	2,462	2,467	-0.3	-0.2	+1.9	2,433	2,443	2,473	2,449	-0.7
Primary metals	6,126	6,140	6,151	-0.2	-0.2	-0.2	6,259	6,279	6,210	6,661	-6.0
Fabricated metal products	7,973	8,126	8,190	-1.9	-0.8	+0.2	7,918	8,134	8,255	8,138	-2.7
Industrial machinery and equipment	13,623	13,645	13,484	-0.2	+1.2	+2.6	13,641	13,722	13,541	13,561	+0.6
Electronic and other electrical equipment	8,971	9,087	9,123	-1.3	-0.4	+1.1	8,983	9,078	9,189	9,327	-3.7
Transportation equipment	12,414	12,970	13,108	-4.3	-1.1	+0.4	12,340	12,891	13,203	14,245	-13.4
Instruments and related products	7,133	7,152	7,089	-0.3	+0.9	+1.1	7,063	7,144	7,142	6,702	+5.4
Lumber, furniture and miscellaneous durable goods	7,588	7,714	7,692	-1.6	+0.3	-1.6	7,783	7,804	7,665	7,634	+2.0
Nondurable goods industries	53,020	52,914	52,782	+0.2	+0.3	-0.3	52,918	52,164	52,201	51,581	+2.6
Food and kindred products	10,410	10,157	10,150	+2.5	+0.1	-0.2	10,631	9,698	9,826	9,913	+7.2
Tobacco products	5,276	5,405	5,300	-2.4	+2.0	-0.9	5,172	5,270	4,999	4,825	+7.2
Textile mill products	2,768	2,801	2,781	-1.2	+0.7	-1.2	2,669	2,743	2,787	2,487	+7.3
Paper and allied products	6,911	6,847	6,888	+0.9	-0.6	+0.1	6,819	6,784	6,816	6,764	+0.8
Chemicals and allied products	11,897	11,797	11,761	+0.8	+0.3	-0.1	11,933	11,717	11,807	11,647	+2.5
Petroleum and coal products	2,941	3,036	3,149	-3.1	-3.6	-2.3	2,968	3,026	3,123	3,237	-8.3
Rubber and plastics products	4,376	4,402	4,366	-0.6	+0.8	-0.3	4,396	4,426	4,290	4,330	+1.5
Apparel, printing and publishing and leather goods	8,441	8,469	8,387	-0.3	+1.0	+0.3	8,330	8,500	8,553	8,369	-0.5
WORK IN PROCESS											
All manufacturing industries	134,091	133,727	134,698	+0.3	-0.7	+0.3	135,215	134,243	135,987	142,276	-5.0
Durable goods industries	111,043	110,652	111,741	+0.4	-1.0	+0.1	111,707	111,024	112,921	119,477	-6.5
Stone, clay, and glass products	1,129	1,141	1,134	-1.1	+0.6	-0.1	1,080	1,113	1,123	1,078	+0.2
Primary metals	7,283	7,366	7,476	-1.1	-1.5	-0.2	7,238	7,401	7,570	7,732	-6.4
Fabricated metal products	7,428	7,455	7,506	-0.4	-0.7	-0.5	7,429	7,448	7,491	7,483	-0.7
Industrial machinery and equipment	18,392	18,352	18,374	+0.2	-0.1	+0.9	18,620	18,585	18,432	20,202	-7.8
Electronic and other electrical equipment	13,342	13,279	13,222	+0.5	+0.4	+2.1	13,320	13,321	13,396	13,150	+1.3
Transportation equipment	48,563	47,926	48,742	+1.3	-1.7	-0.3	49,002	48,020	49,338	52,945	-7.4
Instruments and related products	10,728	10,979	11,110	-2.3	-1.2	-1.4	10,870	11,000	11,338	12,713	-14.5
Lumber, furniture and miscellaneous durable goods	4,178	4,154	4,177	+0.6	-0.6	-0.3	4,148	4,136	4,233	4,174	-0.6
Nondurable goods industries	23,048	23,075	22,957	-0.1	+0.5	+1.4	23,508	23,219	23,066	22,799	+3.1
Food and kindred products	3,670	3,617	3,556	+1.5	+1.7	+2.9	3,953	3,627	3,339	3,806	+3.9
Tobacco products	65	66	53	-1.5	+24.5	-8.6	101	79	45	126	-19.8
Textile mill products	2,429	2,434	2,470	-0.2	-1.5	+1.6	2,439	2,464	2,510	2,499	-2.4
Paper and allied products	1,102	1,108	1,107	-0.5	+0.1	-0.5	1,069	1,082	1,119	1,148	-6.9
Chemicals and allied products	5,629	5,563	5,494	+1.2	+1.3	+2.3	5,641	5,559	5,570	5,422	+4.0
Petroleum and coal products	3,068	3,159	3,073	-2.9	+2.8	+0.6	3,200	3,187	3,069	3,056	+4.7
Rubber and plastics products	1,477	1,454	1,472	+1.6	-1.2	-0.8	1,512	1,459	1,480	1,639	-7.7
Apparel, printing and publishing and leather goods	5,608	5,674	5,732	-1.2	-1.0	+1.0	5,593	5,762	5,934	5,101	+9.6
FINISHED GOODS											
All manufacturing industries	130,433	130,453	130,812	0.0	-0.3	+1.1	129,513	129,203	131,123	126,153	+2.7
Durable goods industries	62,091	62,602	62,991	-0.8	-0.6	+0.3	61,162	61,178	62,826	61,428	-0.4
Stone, clay, and glass products	4,333	4,378	4,422	-1.0	-1.0	+0.8	4,143	4,208	4,349	4,159	-0.4
Primary metals	6,303	6,379	6,347	-1.2	+0.5	+2.7	6,175	6,300	6,243	6,176	0.0
Fabricated metal products	7,547	7,591	7,614	-0.6	-0.3	+0.9	7,351	7,333	7,469	7,098	+3.6
Industrial machinery and equipment	12,971	13,092	13,303	-0.9	-1.6	-1.9	12,846	12,681	13,479	13,863	-7.3
Electronic and other electrical equipment	8,385	8,655	8,752	-3.1	-1.1	-2.0	8,270	8,508	8,806	8,604	-3.9
Transportation equipment	8,550	8,535	8,480	+0.2	+0.6	+3.2	8,593	8,372	8,448	8,539	+0.6
Instruments and related products	5,636	5,683	5,668	-0.8	+0.3	+0.4	5,660	5,637	5,659	5,427	+4.3
Lumber, furniture and miscellaneous durable goods	8,366	8,289	8,405	+0.9	-1.4	+0.6	8,124	8,139	8,373	7,562	+7.4
Nondurable goods industries	68,342	67,851	67,821	+0.7	0.0	+1.8	68,351	68,025	68,297	64,725	+5.6
Food and kindred products	16,744	16,821	17,007	-0.5	-1.1	+0.5	17,836	17,860	17,690	17,727	+0.6
Tobacco products	1,479	1,230	1,560	+20.2	-21.2	+16.0	1,602	1,168	1,631	1,549	+3.4
Textile mill products	3,942	3,878	3,842	+1.7	+0.9	+1.5	3,875	3,828	3,902	3,555	+9.0
Paper and allied products	5,829	5,813	5,749	+0.3	+1.1	+2.0	5,565	5,579	5,655	5,179	+7.5
Chemicals and allied products	17,704	17,620	17,478	+0.5	+0.8	+2.4	17,281	17,112	17,126	16,279	+6.2
Petroleum and coal products	5,602	5,664	5,763	-1.1	-1.7	-0.5	5,744	5,810	5,688	5,622	+2.2
Rubber and plastics products	5,534	5,461	5,357	+1.3	+1.9	+2.1	5,306	5,283	5,242	4,998	+6.2
Apparel, printing and publishing and leather goods	11,508	11,364	11,065	+1.3	+2.7	+2.2	11,142	11,385	11,363	9,803	+13.7

^P Preliminary. ^F Revised.

Table 8. RATIOS OF MANUFACTURES' 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			
	Oct. 1992 ^P	Sept. 1992 ^r	Aug. 1992	July 1992	Oct. 1992 ^P	Sept. 1992 ^r	Aug. 1992	July 1992
All manufacturing industries	1.57	1.56	1.60	1.55	3.64	3.63	3.74	3.67
Durable goods industries	1.92	1.92	1.96	1.93	4.44	4.41	4.56	4.50
Stone, clay, and glass products	1.42	1.44	1.48	1.44	1.31	1.33	1.38	1.38
Primary metals	1.84	1.83	1.83	1.78	1.85	1.87	1.95	1.89
Fabricated metal products	1.73	1.72	1.74	1.74	1.93	1.89	1.85	1.86
Industrial machinery and equipment	2.16	2.14	2.16	2.13	2.59	2.55	2.56	2.58
Electronic and other electrical equipment	1.66	1.70	1.80	1.70	2.31	2.32	2.43	2.31
Transportation equipment	2.16	2.20	2.22	2.22	13.37	13.49	14.06	13.74
Instruments and related products	2.33	2.25	2.36	2.35	5.21	4.99	5.25	5.23
Nondurable goods industries	1.21	1.19	1.22	1.16	0.79	0.79	0.82	0.79
Food and kindred products	0.93	0.91	0.94	0.94	(X)	(X)	(X)	(X)
Tobacco products	2.81	1.92	3.38	2.04	(X)	(X)	(X)	(X)
Textile mill products	1.53	1.48	1.49	1.46	(NA)	(NA)	(NA)	(NA)
Paper and allied products	1.34	1.32	1.31	1.28	(NA)	(NA)	(NA)	(NA)
Chemicals and allied products	1.44	1.41	1.41	1.34	(X)	(X)	(X)	(X)
Petroleum and coal products	0.89	0.92	0.91	0.85	(X)	(X)	(X)	(X)
Rubber and plastics products	1.30	1.29	1.27	1.24	(X)	(X)	(X)	(X)

^P Preliminary. ^r Revised. (X) Not applicable. (NA) Not available.

¹ Excludes the following industries with no unfilled orders : Wood and lumber products; glass containers; metal cans, barrels and drums; farm and garden machinery; motor vehicle assembly operations; other transportation equipment; foods and related products; tobacco; knitting mill products; apparel and related products; chemicals; petroleum and coal products; and rubber and plastics products.

Table 9. REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES
(Based on seasonally adjusted data)

Industry	Shipments			New orders			Unfilled orders			Inventories		
	Oct. ¹ 1992	Oct. ² 1987-1991	Oct. 1991-Sept. 1992	Oct. ¹ 1992	Oct. ² 1987-1991	Oct. 1991-Sept. 1992	Oct. ¹ 1992	Oct. ² 1987-1991	Oct. 1991-Sept. 1992	Oct. ¹ 1992	Oct. ² 1987-1991	Oct. 1991-Sept. 1992
All manufacturing industries	(X)	0.0	0.1	(X)	0.2	0.3	(X)	0.1	0.1	(X)	0.1	0.1
Durable goods industries	0.3	0.2	0.2	0.2	0.4	0.5	-0.1	0.1	0.1	(X)	0.1	0.1
Stone, clay, and glass products	(X)	0.8	0.7	(X)	0.6	1.4	(X)	0.8	0.7	(X)	0.2	0.2
Primary metals	0.5	0.7	0.2	-0.9	1.0	0.7	-0.6	0.3	0.3	(X)	0.2	0.1
Fabricated metal products	(X)	0.6	0.4	(X)	0.8	0.6	(X)	0.2	0.3	(X)	0.1	0.2
Industrial machinery and equipment	1.6	1.0	0.3	2.6	1.1	0.5	0.5	0.2	0.1	(X)	0.2	0.1
Electronic and other electrical equipment	0.0	0.1	0.3	0.1	0.3	0.6	0.0	0.1	0.1	(X)	0.1	0.1
Transportation equipment	-0.3	0.2	0.5	-0.3	0.5	1.5	0.0	0.0	0.1	(X)	0.2	0.2
Instruments and related products	(X)	0.3	0.7	(X)	1.1	0.5	(X)	0.4	0.1	(X)	0.1	0.1
Nondurable goods industries	(X)	0.0	0.1	(X)	0.1	0.1	(X)	0.2	0.4	(X)	0.1	0.2
Food and kindred products	(X)	0.2	0.3	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.3	0.4
Tobacco products	(X)	0.3	2.5	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.0	0.1
Textile mill products	(X)	0.4	0.5	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	0.4	0.4
Paper and allied products	(X)	0.2	0.2	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	0.2	0.4
Chemicals and allied products	(X)	0.2	0.2	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.2
Petroleum and coal products	(X)	0.3	0.2	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.3	0.3
Rubber and plastics products	(X)	0.9	0.4	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.3	0.2
Capital goods industries :												
Nondefense	0.5	0.4	0.5	1.2	0.7	1.0	0.1	0.1	0.1	(X)	0.1	0.1
Defense	0.1	0.2	1.0	-0.7	1.4	5.5	-0.1	0.1	0.2	(X)	0.1	0.4

(X) Not applicable. (NA) Not available.

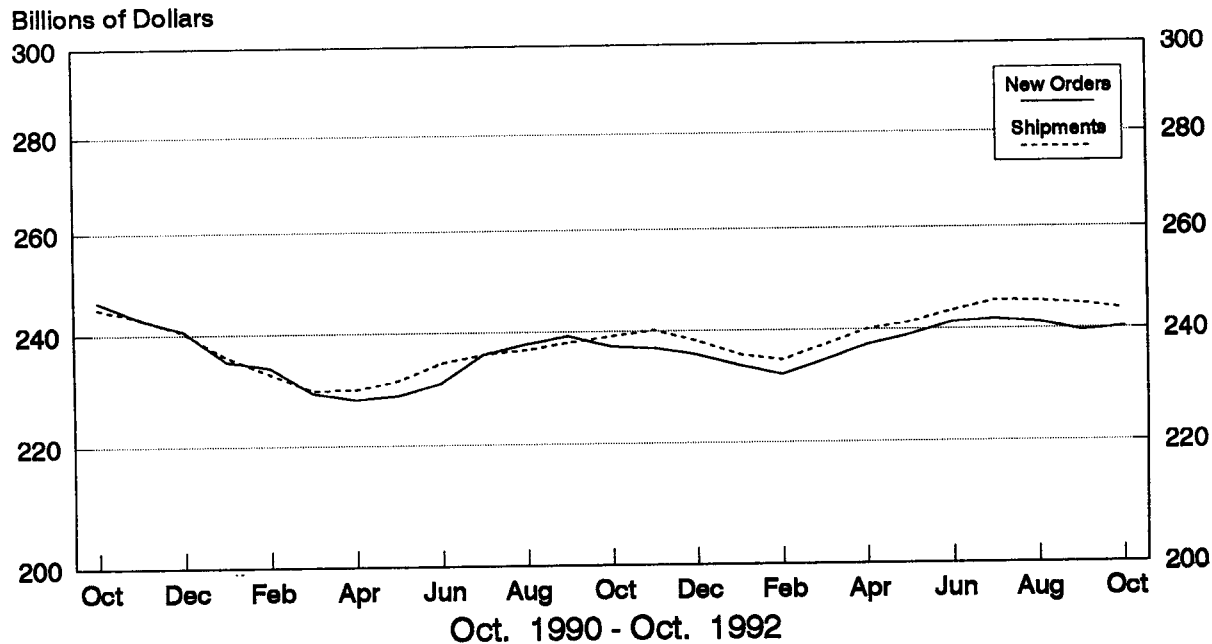
Note : The five year and the twelve month revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the absolute values of the differences for the months specified. The advance to final percent change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

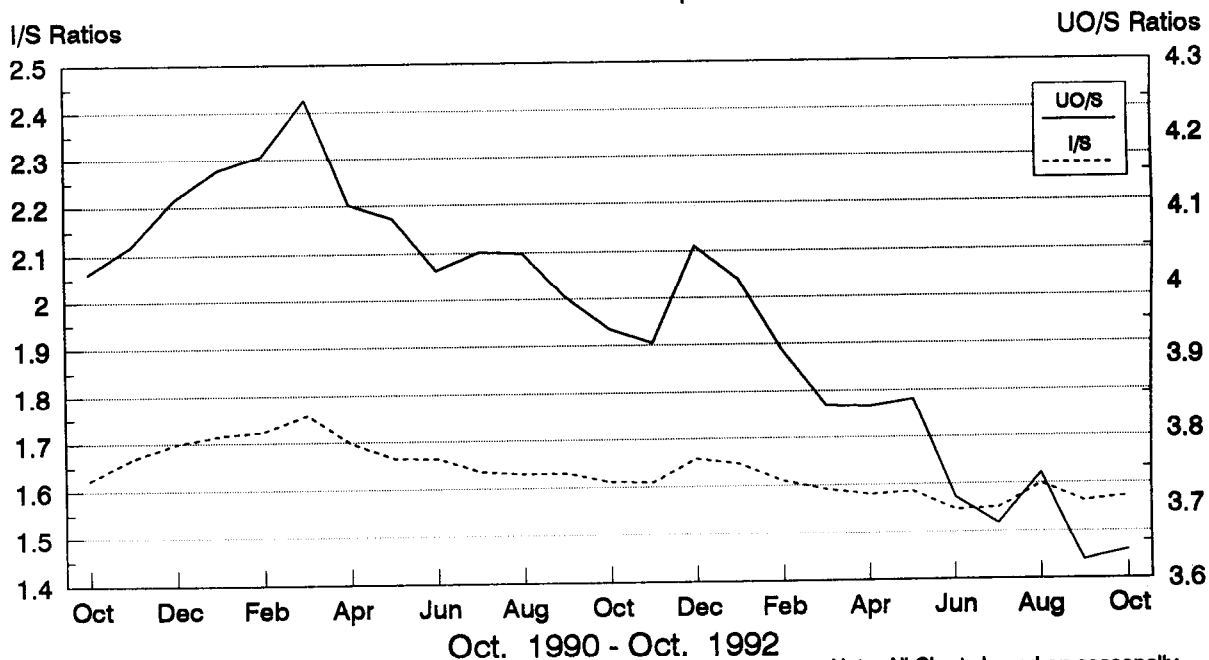
Total Manufacturing

New Orders and Shipments
Three Month Moving Averages



Total Manufacturing

Ratio of Unfilled Orders and
Inventories to Shipments



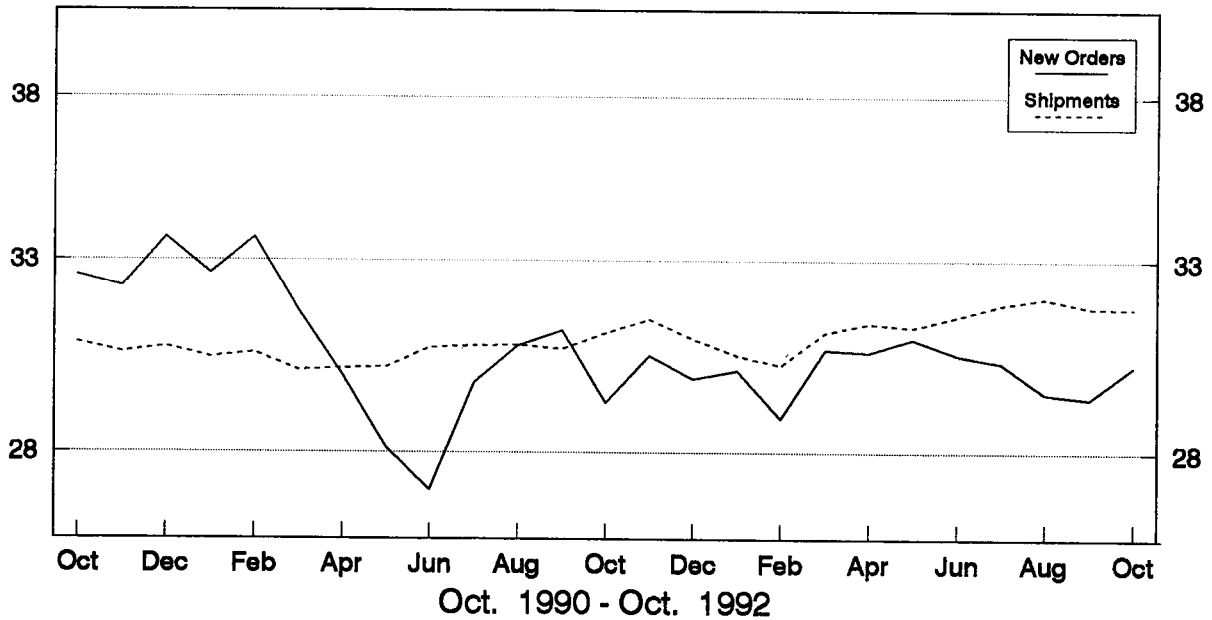
Note: All Charts based on seasonally
adjusted current dollars.

Nondefense Capital Goods

11

New Orders and Shipments
Three Month Moving Averages

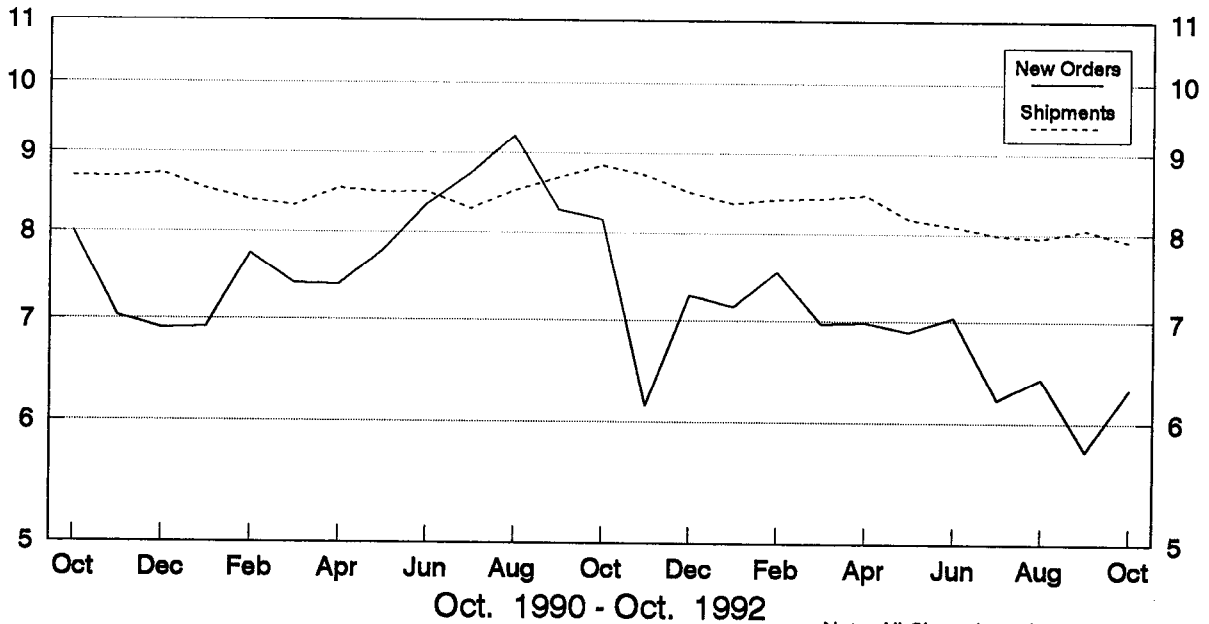
Billions of Dollars



Defense Capital Goods

New Orders and Shipments
Three Month Moving Averages

Billions of Dollars



Note: All Charts based on seasonally adjusted current dollars.

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PUBLICATION DATES FOR THE 1993 MONTHLY M3 SURVEY
MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS

Report Covering	Advance Report Release Dates (8:30 a.m. release time)	Regular Report Release Dates (10:00 a.m. release time)
December 1992	Fri., Jan. 29	Thurs., Feb. 4
January 1993	Wed., Feb. 24	Thurs., Mar. 4
February 1993	Wed., Mar. 24	Wed., Mar. 31
March 1993	Fri., Apr. 23	Fri., Apr. 30
April 1993	Wed., May 26	Fri., June 4
May 1993	Wed., June 23	Wed., June 30
June 1993	Wed., July 28	Thurs., Aug. 5
July 1993	Wed., Aug. 25	Thurs., Sept. 2
August 1993	Fri., Sept. 24	Fri., Oct. 1
September 1993	Wed., Oct. 27	Thurs., Nov. 4
October 1993	Wed., Nov. 24	Fri., Dec. 3
November 1993	Thurs., Dec. 23	

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