



Manufacturers' Shipments, Inventories, and Orders

August 1992

M3-1-(92)-8

U. S. Department of Commerce
BUREAU OF THE CENSUS

For Wire Transmissions 10:00 a.m. E.D.T. Friday, October 2, 1992

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

Summary

New orders for manufactured goods in August declined \$4.7 billion or 1.9 percent to \$237.6 billion, the Department of Commerce, Bureau of the Census reported today. This follows a 0.9 percent decrease in July and is the third decline in the last four months. Excluding defense, new orders were down \$5.7 billion, the second consecutive monthly decline. New orders without transportation equipment decreased \$5.8 billion or 2.7 percent.

Shipments decreased \$5.9 billion or 2.4 percent to \$241.3 billion, following a slight decline in July. This is the largest decrease since a 3.4 percent decline in December 1991. Excluding defense, shipments decreased \$5.5 billion. Without transportation equipment, shipments were down \$6.0 billion.

Unfilled orders decreased \$3.7 billion or 0.8 percent to \$482.1 billion and are at the lowest level since \$481.0 billion in February 1989. This is the twelfth consecutive monthly decline. Excluding defense, unfilled orders decreased \$2.6 billion. Without transportation equipment, unfilled orders declined \$0.7 billion.

Inventories increased \$2.1 billion or 0.5 percent to \$385.6 billion, following a 0.2 percent increase in July and a 0.1 percent decrease in June. Without defense, inventories increased \$2.9 billion. The inventories-to-shipments ratio increased from 1.55 in July to 1.60 in August.

New Orders

New orders for durable goods in August decreased \$0.1 billion or 0.1 percent to \$119.8 billion, following a 2.7 percent decrease in July and 2.8 percent increase in June. Excluding defense, new orders were down \$1.1 billion or 0.9 percent. New orders without transportation equipment decreased \$1.2 billion or 1.3 percent.

Electronic and other electrical equipment had the largest decrease, down \$0.8 billion or 4.2 percent to \$17.4 billion, primarily due to communications equipment. Stone, clay, and glass products decreased \$0.3 billion or 5.2 percent to \$5.3 billion. Transportation equipment had the largest increase, up \$1.1 billion or 3.9 percent to \$28.7 billion, with increases in all categories except railroad and other transportation equipment. Fabricated metal products was up \$0.3 billion or 2.6 percent to \$13.2 billion.

New orders for nondurable goods, decreased \$4.6 billion or 3.8 percent to \$117.8 billion, the largest monthly percentage decline since a 4.8 percent decline in December 1974. This follows six consecutive monthly increases. The largest declines were in tobacco products, petroleum and coal products, printing and publishing, and chemical and allied products.

Shipments

Shipments of durable goods in August decreased \$1.3 billion or 1.1 percent to \$123.4 billion. This follows a 0.8 percent decline in July and is the third decrease in the last four months. Electronic and other electrical equipment had the largest decline, down \$0.8 billion or 4.5 percent to \$17.3 billion, due to communications equipment. Transportation equipment had the largest increase, up \$0.2 billion or 0.5 percent to \$31.7 billion, as an increase in motor vehicles and parts more than offset a decline in aircraft and parts.

Shipments of nondurable goods were down \$4.5 billion or 3.7 percent to \$117.9 billion, following six consecutive monthly increases. This is the largest decline since a 3.9 percent decrease in January 1978. The largest decline was in tobacco products, down \$1.3 billion. Petroleum and coal products, printing and publishing, and chemicals and allied products also had large decreases.

Unfilled Orders

Unfilled orders for durable goods in August decreased \$3.7 billion or 0.8 percent to \$459.0 billion and are at the lowest level since \$456.0 billion in January 1989. This is the twelfth consecutive monthly decline. Transportation equipment had the largest decline, down \$3.0 billion or 1.2 percent to \$254.2 billion, with large decreases in aircraft and parts and shipbuilding and tanks. Industrial machinery and equipment decreased \$0.4 billion or 0.7 percent to \$51.2 billion. Primary metals had the largest increase, up \$0.2 billion or 1.1 percent to \$21.3 billion. Unfilled orders for nondurable goods declined \$0.1 billion or 0.2 percent to \$23.1 billion.

Inventories

Inventories for durable goods in August increased \$0.8 billion or 0.3 percent to \$242.0 billion, the first increase since September 1991. All major groups increased except lumber and wood products and instruments and related products. Industrial machinery and equipment had the largest increase, up \$0.3 billion or 0.6 percent to \$45.2 billion.

Nondurable goods, up \$1.3 billion or 0.9 percent to \$143.6 billion, have increased for seven consecutive months. All major groups except petroleum and coal products and leather and leather products increased.

By stage of fabrication, finished-goods were up 0.5 percent in durables and 1.8 percent in nondurables. Work in process were unchanged in durables and up 1.4 percent in nondurables. Materials and supplies increased 0.7 percent in durables and decreased 0.3 percent in nondurables.

The advance report on durable goods for September is scheduled for October 28, 1992 at 8:30 a.m. and the full report on November 4, 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 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	
	Aug. 1992 ^p	July 1992 ^r	June 1992	July-Aug.	June-July	May-June	Aug. 1992 ^p	July 1992 ^r	June 1992	Aug. 1991		1992 ^p	1991
All manufacturing industries	241,344	247,216	247,252	-2.4	0.0	+2.4	242,746	226,244	264,164	238,300	+1.9	1,912,924	1,848,497
Manufacturing Industries													
with unfilled orders	129,025	132,218	132,285	-2.4	-0.1	+3.0	128,456	118,701	142,510	127,395	+0.8	1,019,423	990,763
without defense capital goods . . .	233,661	239,140	239,195	-2.3	0.0	+2.4	235,253	219,148	255,620	229,535	+2.5	1,850,773	1,784,075
Durable goods industries	123,444	124,789	125,831	-1.1	-0.8	+2.9	122,239	109,301	137,601	119,037	+2.7	973,490	926,462
With unfilled orders	100,718	102,828	103,553	-2.1	-0.7	+3.6	99,342	91,126	113,167	98,170	+1.2	794,716	767,615
Stone, clay, and glass products	5,431	5,518	5,320	-1.6	+3.7	+2.6	5,840	5,371	5,833	5,198	+12.4	41,169	37,781
Primary metals	10,948	11,166	11,291	-2.0	-1.1	+0.6	11,150	10,401	11,818	11,030	+1.1	88,890	86,791
Blast furnaces, steel mills	4,615	4,640	4,731	-0.5	-1.9	+1.4	4,657	4,301	4,984	4,658	0.0	37,789	36,515
Iron and steel foundries	980	953	1,014	+2.8	-6.0	+1.2	1,022	817	1,120	927	+10.2	7,911	7,338
Nonferrous and other primary metals	5,353	5,573	5,546	-3.9	+0.5	-0.2	5,471	5,283	5,714	5,445	+0.5	43,190	42,938
Fabricated metal products	13,483	13,395	13,411	+0.7	-0.1	+2.8	13,566	12,192	14,396	13,305	+2.0	105,229	103,009
Industrial machinery and equipment . .	20,914	21,050	21,622	-0.6	-2.6	+4.8	19,438	18,219	25,167	18,611	+4.4	162,880	159,360
Engines and turbines	1,455	1,498	1,687	-2.9	-11.2	+5.2	1,334	1,135	1,865	1,385	-3.7	11,521	11,487
Farm and garden machinery	977	1,055	1,077	-7.4	-2.0	-4.3	775	806	1,099	827	-6.3	9,339	9,627
Construction, mining and material handling equipment	2,391	2,292	2,437	+4.3	-5.9	+9.0	2,307	2,191	2,635	2,431	-5.1	18,173	20,448
Metalworking machinery	2,211	2,105	2,210	+5.0	-4.8	+5.0	2,105	1,832	2,508	1,913	+10.0	16,605	15,279
Computer and office equipment . . .	5,951	6,147	6,122	-3.2	+0.4	+4.5	5,237	4,638	8,125	4,614	+13.5	43,797	38,607
Electronic and other electrical equipment	17,323	18,143	17,293	-4.5	+4.9	+0.8	17,197	16,162	18,640	16,562	+3.8	134,847	128,538
Electrical transmission and distribution equipment and industrial apparatus	2,326	2,436	2,329	-4.5	+4.6	-0.9	2,262	2,158	2,524	2,202	+2.7	18,431	18,107
Household appliances	1,579	1,577	1,536	+0.1	+2.7	-0.8	1,577	1,517	1,737	1,546	+2.0	12,360	12,132
Electric lighting and wiring equipment	1,614	1,688	1,767	-4.4	-4.5	+2.0	1,625	1,451	1,860	1,642	-1.0	13,207	12,652
Household audio and video equipment	1,105	1,149	860	-3.8	+33.6	-18.1	1,151	925	929	991	+16.1	7,425	6,120
Communications equipment	3,757	4,281	3,768	-12.2	+13.6	+5.2	3,609	3,677	4,149	3,280	+10.0	28,911	26,062
Electronic components	5,343	5,427	5,312	-1.5	+2.2	+1.8	5,364	5,074	5,574	5,204	+3.1	42,247	40,904
Transportation equipment	31,728	31,574	32,835	+0.5	-3.8	+3.0	30,938	24,811	35,714	30,615	+1.1	252,985	232,230
Motor vehicles and parts	19,557	19,035	19,515	+2.7	-2.5	-1.3	19,320	13,562	21,134	17,903	+7.9	152,943	131,890
Aircraft, missiles, space vehicles, and parts	9,782	10,142	11,038	-3.5	-8.1	+11.4	9,197	9,030	12,262	10,461	-12.1	81,656	82,435
Shipbuilding and tanks	1,110	1,103	1,035	+0.6	+6.6	-0.1	1,107	1,039	1,045	1,096	+1.0	8,429	8,800
Instruments and related products	10,083	10,161	10,472	-0.8	-3.0	+3.6	9,786	9,236	11,300	10,334	-5.3	80,242	80,595
Search and navigation equipment . . .	2,619	2,672	2,799	-2.0	-4.5	+2.5	2,558	2,286	2,988	3,219	-20.5	20,954	22,725
Measuring and controlling devices . .	2,632	2,625	2,647	+0.3	-0.8	+5.1	2,606	2,408	2,835	2,497	+4.4	20,921	20,204
Medical instruments and supplies . . .	2,809	2,837	2,970	-1.0	-4.5	+4.7	2,742	2,692	3,145	2,701	+1.5	22,773	21,917
Photographic goods	1,658	1,670	1,702	-0.7	-1.9	+0.7	1,522	1,507	1,952	1,578	-3.5	12,834	13,174
All other durable goods	13,534	13,782	13,587	-1.8	+1.4	+3.5	14,324	12,909	14,733	13,382	+7.0	107,248	98,158
Nondurable goods industries	117,900	122,427	121,421	-3.7	+0.8	+1.9	120,507	116,943	126,563	119,263	+1.0	939,434	922,035
With unfilled orders	28,307	29,390	28,732	-3.7	+2.3	+0.9	29,114	27,575	29,343	29,225	-0.4	224,707	223,148
Food and kindred products	32,557	32,666	32,390	-0.3	+0.9	-1.7	32,699	31,393	33,670	32,453	+0.8	257,883	254,770
Meat products	7,420	7,415	7,419	+0.1	-0.1	-2.2	7,628	7,260	7,682	7,564	+0.8	58,670	59,891
Dairy products	4,402	4,345	4,372	+1.3	-0.6	+0.9	4,494	4,348	4,595	4,219	+6.5	34,440	32,593
Beverages	4,602	4,593	4,631	+0.2	-0.8	-1.9	4,892	4,901	5,311	4,775	+2.5	37,757	36,153
All other foods, except fats and oils .	14,460	14,641	14,261	-1.2	+2.7	-2.4	14,012	13,212	14,375	14,152	-1.0	113,393	113,239
Tobacco products	2,029	3,304	3,522	-38.6	-6.2	+62.7	1,984	2,351	4,304	2,635	-24.7	19,960	19,779
Textile mill products	6,094	6,198	6,173	-1.7	+0.4	+2.3	6,459	5,374	6,760	6,198	+4.2	47,666	43,303
Broadwoven fabrics and other textiles	3,827	3,881	3,928	-1.4	-1.2	+2.5	4,064	3,293	4,213	3,952	+2.8	30,280	27,436
Paper and allied products	10,592	10,668	10,503	-0.7	+1.6	+1.1	10,804	10,438	10,960	10,583	+2.1	83,784	82,950
Pulp, paper, and paperboard mill products	4,490	4,532	4,537	-0.9	-0.1	+2.0	4,535	4,452	4,664	4,472	+1.4	35,686	35,933
Paperboard containers and boxes . . .	2,534	2,570	2,568	-1.4	+0.1	+2.5	2,615	2,467	2,642	2,491	+5.0	20,063	19,078
Miscellaneous converted paper products	3,568	3,566	3,398	+0.1	+4.9	-1.0	3,654	3,519	3,654	3,620	+0.9	28,035	27,939
Chemicals and allied products	24,768	25,458	25,315	-2.7	+0.6	+1.4	24,689	24,088	26,486	24,005	+2.8	198,494	194,092
Industrial chemicals	13,162	13,422	13,214	-1.9	+1.6	+2.5	13,109	12,900	13,683	12,712	+3.1	103,141	103,017
Drugs, soaps, and toiletries	8,967	9,293	9,192	-3.5	+1.1	+1.9	9,093	8,648	9,581	8,634	+5.3	70,888	66,241
Petroleum and coal products	13,199	14,205	14,399	-7.1	-1.3	+5.6	13,902	14,283	14,523	13,831	+0.5	103,071	106,444
Rubber and plastics products	8,790	8,989	8,890	-2.2	+1.1	+1.1	8,957	8,653	9,640	8,963	-0.1	72,023	68,768
All other nondurable goods	19,871	20,939	20,229	-5.1	+3.5	0.0	21,013	20,363	20,220	20,595	+2.0	156,553	151,929

^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	Year to date	
	Aug. 1992 ^p	July 1992 ^r	June 1992	July-Aug.	June-July	May-June	Aug. 1992 ^p	July 1992 ^r	June 1992	Aug. 1991	Aug. 92/91	1992 ^p	1991
All manufacturing industries	237,596	242,307	244,542	-1.9	-0.9	+2.4	236,886	222,388	259,174	237,368	-0.2	1,892,046	1,846,490
Manufacturing industries with unfilled orders	125,277	127,309	129,575	-1.6	-1.7	+3.1	122,596	114,845	137,520	126,463	-3.1	998,545	988,756
without defense capital goods	231,019	236,677	237,375	-2.4	-0.3	+1.9	232,026	217,912	252,235	228,660	+1.5	1,843,954	1,786,350
Durable goods industries	119,751	119,861	123,164	-0.1	-2.7	+2.8	116,307	105,043	132,795	117,602	-1.1	951,481	922,346
With unfilled orders	97,025	97,900	100,886	-0.9	-3.0	+3.6	93,410	86,868	108,361	96,735	-3.4	772,707	763,499
Stone, clay, and glass products	5,348	5,644	5,426	-5.2	+4.0	+1.6	5,825	5,633	5,942	5,341	+9.1	42,111	39,138
Primary metals	11,177	11,288	11,505	-1.0	-1.9	+3.5	10,812	10,570	11,816	10,995	-1.7	88,621	85,446
Blast furnaces, steel mills	4,607	4,635	4,852	-0.6	-4.5	+4.4	4,475	4,459	4,952	4,986	-10.2	37,283	36,334
Iron and steel foundries	991	913	1,022	+8.5	-10.7	-6.0	1,073	764	1,116	963	+11.4	7,871	7,162
Nonferrous and other primary metals	5,579	5,740	5,631	-2.8	+1.9	+4.6	5,264	5,347	5,748	5,046	+4.3	43,467	41,950
Fabricated metal products	13,243	12,906	13,210	+2.6	-2.3	+4.5	13,368	11,916	14,026	13,231	+1.0	103,736	102,870
Industrial machinery and equipment	20,531	20,678	21,239	-0.7	-2.6	+5.8	19,171	17,796	24,600	18,499	+3.6	161,000	157,187
Engines and turbines	1,573	1,513	1,898	+4.0	-20.3	+9.3	1,587	1,287	2,054	1,455	+9.1	11,741	12,125
Construction, mining and material handling equipment	2,387	2,245	2,358	+6.3	-4.8	+3.0	2,247	2,140	2,529	2,335	-3.8	17,946	19,154
Metalworking machinery	1,900	2,157	2,063	-11.9	+4.6	+5.7	1,794	1,884	2,361	1,946	-7.8	16,387	15,079
Computer and office equipment	6,002	5,777	5,924	+3.9	-2.5	+2.4	5,391	4,347	7,812	4,631	+16.4	42,756	39,283
Electronic and other electrical equipment	17,401	18,157	17,477	-4.2	+3.9	+2.3	17,166	16,258	18,351	15,812	+8.6	135,355	128,321
Electrical transmission and distribution equipment and industrial apparatus	2,307	2,279	2,273	+1.2	+0.3	+0.2	2,252	2,036	2,411	2,171	+3.7	18,170	18,250
Electric lighting and wiring equipment	1,632	1,649	1,679	-1.0	-1.8	-2.1	1,643	1,412	1,772	1,616	+1.7	13,060	13,040
Communications equipment	3,740	4,336	3,826	-13.7	+13.3	+3.7	3,510	3,810	4,246	2,847	+23.3	28,900	24,324
Electronic components	5,499	5,639	5,583	-2.5	+1.0	+7.2	5,401	5,125	5,518	4,911	+10.0	42,966	41,199
Transportation equipment	28,694	27,610	31,391	+3.9	-12.0	+1.9	26,742	20,540	33,515	30,521	-12.4	235,669	232,157
Aircraft, missiles, space vehicles, and parts	7,551	7,089	9,921	+6.5	-28.5	+11.6	5,834	5,464	10,457	9,627	-39.4	66,520	82,393
Shipbuilding and tanks	536	288	406	+86.1	-29.1	-49.4	547	296	463	1,843	-70.3	5,363	9,458
Instruments and related products	9,963	9,759	9,134	+2.1	+6.8	-4.4	9,348	9,034	9,964	10,013	-6.6	76,158	78,149
Search and navigation equipment	2,048	2,212	1,814	-7.4	+21.9	-13.7	1,674	2,087	1,937	3,082	-45.7	17,330	20,640
Measuring and controlling devices	2,535	2,648	2,627	-4.3	+0.8	+6.3	2,509	2,431	2,815	2,400	+4.5	20,516	20,206
Medical instruments and supplies	3,303	2,883	2,674	+14.6	+7.8	-6.6	3,236	2,738	2,849	2,714	+19.2	22,720	21,500
All other durable goods	13,394	13,819	13,782	-3.1	+0.3	+4.5	13,875	13,296	14,581	13,190	+5.2	108,831	99,078
Nondurable goods industries	117,845	122,446	121,378	-3.8	+0.9	+2.1	120,579	117,345	126,379	119,766	+0.7	940,565	924,144
With unfilled orders	28,252	29,409	28,689	-3.9	+2.5	+1.6	29,186	27,977	29,159	29,728	-1.8	225,838	225,257

^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 Aug. 92/91
	Aug. 1992 ^p	July 1992 ^r	June 1992	July- Aug.	June- July	May- June	Aug. 1992 ^p	July 1992 ^r	June 1992	Aug. 1991	
All manufacturing industries	482,135	485,883	490,792	-0.8	-1.0	-0.5	481,387	487,247	491,103	516,664	-6.8
Manufacturing industries without defense capital goods	350,305	352,947	355,410	-0.7	-0.7	-0.5	351,815	355,042	356,278	369,109	-4.7
Durable goods industries	459,050	462,743	467,671	-0.8	-1.1	-0.6	457,715	463,647	467,905	493,436	-7.2
Stone, clay, and glass products	6,953	7,036	6,910	-1.2	+1.8	+1.6	7,194	7,209	6,947	6,522	+10.3
Primary metals	21,294	21,065	20,943	+1.1	+0.6	+1.0	21,076	21,414	21,245	22,338	-5.6
Blast furnaces, steel mills	8,114	8,122	8,127	-0.1	-0.1	+1.5	8,041	8,223	8,065	9,529	-15.6
Iron and steel foundries	2,829	2,818	2,858	+0.4	-1.4	+0.3	2,860	2,809	2,862	3,022	-5.4
Nonferrous and other primary metals	10,351	10,125	9,958	+2.2	+1.7	+0.9	10,175	10,382	10,318	9,787	+4.0
Fabricated metal products	22,562	22,802	23,291	-1.1	-2.1	-0.9	22,755	22,953	23,229	25,238	-9.8
Industrial machinery and equipment	51,164	51,547	51,919	-0.7	-0.7	-0.7	51,191	51,458	51,881	54,745	-6.5
Engines and turbines	10,742	10,624	10,609	+1.1	+0.1	+2.0	10,764	10,511	10,359	9,818	+9.6
Construction, mining and material handling equipment	6,035	6,039	6,086	-0.1	-0.8	-1.3	5,938	5,998	6,049	6,212	-4.4
Metalworking machinery	7,699	8,010	7,958	-3.9	+0.7	-1.8	7,699	8,010	7,958	7,591	+1.4
Computer and office equipment	7,944	7,893	8,263	+0.6	-4.5	-2.3	8,174	8,020	8,311	11,150	-26.7
Electronic and other electrical equipment	42,035	41,957	41,943	+0.2	0.0	+0.4	42,133	42,164	42,068	42,721	-1.4
Electrical transmission and distribution equipment and industrial apparatus	6,014	6,033	6,190	-0.3	-2.5	-0.9	6,016	6,026	6,148	6,607	-8.9
Electric lighting and wiring equipment	2,832	2,814	2,853	+0.6	-1.4	-3.0	2,832	2,814	2,853	2,972	-4.7
Communications equipment	14,414	14,431	14,376	-0.1	+0.4	+0.4	14,374	14,473	14,340	14,620	-1.7
Electronic components	14,489	14,333	14,121	+1.1	+1.5	+2.0	14,489	14,452	14,401	13,762	+5.3
Transportation equipment	254,185	257,219	261,183	-1.2	-1.5	-0.5	252,277	256,473	260,744	275,265	-8.4
Aircraft, missiles, space vehicles, and parts	221,876	224,107	227,160	-1.0	-1.3	-0.5	219,878	223,241	226,807	238,454	-7.8
Shipbuilding and tanks	24,253	24,827	25,642	-2.3	-3.2	-2.4	24,414	24,974	25,717	30,011	-18.6
Instruments and related products	53,069	53,189	53,591	-0.2	-0.8	-2.4	52,856	53,294	53,496	59,008	-10.4
Search and navigation equipment	35,550	36,121	36,581	-1.6	-1.3	-2.6	35,330	36,214	36,413	40,585	-12.9
Measuring and controlling devices	8,411	8,508	8,485	-1.1	+0.3	-0.2	8,411	8,508	8,485	8,893	-5.4
Medical instruments and supplies	8,141	7,647	7,601	+6.5	+0.6	-3.7	8,141	7,647	7,601	8,500	-4.2
All other durable goods	7,788	7,928	7,891	-1.8	+0.5	+2.5	8,233	8,682	8,295	7,599	+8.3
Nondurable goods industries	23,085	23,140	23,121	-0.2	+0.1	-0.2	23,672	23,600	23,198	23,228	+1.9

^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 Aug. 92/91
	Aug. 1992 ^P	July 1992 ^r	June 1992	July-Aug.	June-July	May-June	Aug. 1992 ^P	July 1992 ^r	June 1992	Aug. 1991	
All manufacturing industries	385,599	383,491	382,854	+0.5	+0.2	-0.1	386,969	383,467	381,008	389,161	-0.6
Manufacturing industries with unfilled orders	257,636	256,541	256,901	+0.4	-0.1	-0.4	259,818	258,055	257,051	267,833	-3.0
without defense capital goods	352,679	349,809	348,690	+0.8	+0.3	0.0	353,449	349,331	346,841	351,262	+0.6
Durable goods industries	242,031	241,258	241,891	+0.3	-0.3	-0.2	243,433	241,616	241,110	251,675	-3.3
With unfilled orders	223,684	222,930	223,473	+0.3	-0.2	-0.3	225,402	223,851	223,213	233,796	-3.6
Stone, clay, and glass products	8,017	7,941	7,955	+1.0	-0.2	+0.4	7,932	7,966	8,001	7,958	-0.3
Primary metals	20,004	19,833	19,835	+0.9	0.0	0.0	20,035	19,838	19,750	20,873	-4.0
Blast furnaces, steel mills	9,843	9,828	9,816	+0.2	+0.1	+0.7	9,853	9,809	9,644	10,317	-4.5
Iron and steel foundries	1,426	1,414	1,420	+0.8	-0.4	+0.3	1,412	1,388	1,441	1,407	+0.4
Nonferrous and other primary metals	8,735	8,591	8,599	+1.7	-0.1	-0.8	8,770	8,641	8,665	9,149	-4.1
Fabricated metal products	23,330	23,258	22,973	+0.3	+1.2	0.0	23,212	23,224	23,127	22,938	+1.2
Industrial machinery and equipment	45,165	44,906	44,845	+0.6	+0.1	-0.5	45,488	44,894	44,449	48,212	-5.7
Engines and turbines	3,577	3,489	3,381	+2.5	+3.2	-2.9	3,732	3,563	3,396	3,634	+2.7
Farm and garden machinery	2,311	2,319	2,313	-0.3	+0.3	+2.6	2,228	2,219	2,273	2,369	-6.0
Construction, mining and material handling equipment	5,922	5,970	6,005	-0.8	-0.6	-0.2	5,886	5,920	6,032	6,816	-13.6
Metalworking machinery	5,681	5,677	5,591	+0.1	+1.5	+1.2	5,761	5,698	5,534	5,822	-1.0
Computer and office equipment	9,557	9,387	9,438	+1.8	-0.5	-1.4	9,853	9,490	9,094	10,421	-5.5
Electronic and other electrical equipment	31,093	30,895	31,009	+0.6	-0.4	+0.4	31,358	31,140	31,268	31,698	-1.1
Electrical transmission and distribution equipment and industrial apparatus	4,340	4,311	4,269	+0.7	+1.0	-1.0	4,340	4,301	4,266	4,395	-1.3
Household appliances	2,718	2,719	2,760	0.0	-1.5	+1.6	2,636	2,705	2,859	2,594	+1.6
Electric lighting and wiring equipment	3,000	2,990	2,961	+0.3	+1.0	0.0	3,015	3,044	3,056	3,068	-1.7
Household audio and video equipment	1,212	1,236	1,263	-1.9	-2.1	-0.5	1,277	1,286	1,301	1,160	+10.1
Communications equipment	7,423	7,314	7,400	+1.5	-1.2	+1.0	7,514	7,348	7,369	7,301	+2.9
Electronic components	8,905	8,841	8,839	+0.7	0.0	+0.8	9,039	8,951	8,875	9,568	-5.5
Transportation equipment	70,239	70,146	70,889	+0.1	-1.0	-0.9	70,989	70,143	70,228	75,420	-5.9
Motor vehicles and parts	12,468	12,230	12,284	+1.9	-0.4	0.0	12,535	11,725	11,718	12,668	-1.0
Aircraft, missiles, space vehicles, and parts	53,324	53,536	54,207	-0.4	-1.2	-1.2	53,918	53,963	54,077	58,502	-7.8
Shipbuilding and tanks	2,076	2,025	2,066	+2.5	-2.0	-0.1	2,159	2,102	2,097	1,975	+9.3
Instruments and related products	23,874	23,920	23,918	-0.2	0.0	+0.2	24,144	24,126	23,976	25,229	-4.3
Search and navigation equipment	7,378	7,485	7,526	-1.4	-0.5	-0.8	7,554	7,636	7,542	8,796	-14.1
Measuring and controlling devices	6,667	6,685	6,695	-0.3	-0.1	-0.2	6,720	6,703	6,689	6,922	-2.9
Medical instruments and supplies	6,299	6,232	6,161	+1.1	+1.2	+1.3	6,274	6,226	6,169	5,956	+5.3
Photographic goods	2,884	2,871	2,890	+0.5	-0.7	+0.9	2,947	2,905	2,909	2,885	+2.1
All other durable goods	20,309	20,359	20,467	-0.2	-0.5	+0.5	20,275	20,285	20,311	19,347	+4.8
Nondurable goods industries	143,568	142,233	140,963	+0.9	+0.9	+0.1	143,536	141,851	139,898	137,486	+4.4
With unfilled orders	33,952	33,611	33,428	+1.0	+0.5	-0.8	34,416	34,204	33,838	34,037	+1.1
Food and kindred products	30,681	30,558	30,531	+0.4	+0.1	+0.7	30,794	29,663	28,955	29,280	+5.2
Meat products	2,811	2,786	2,770	+0.9	+0.6	+1.2	2,755	2,772	2,787	2,780	-0.9
Dairy products	2,884	2,876	2,911	+0.3	-1.2	+2.9	2,968	2,974	2,951	2,527	+17.5
Beverages	5,703	5,670	5,614	+0.6	+1.0	+1.1	5,543	5,578	5,578	5,149	+7.7
All other foods, except fats and oils	17,580	17,545	17,551	+0.2	0.0	+0.1	18,055	16,827	16,068	17,459	+3.4
Tobacco products	6,920	6,751	6,460	+2.5	+4.5	-5.6	6,678	6,307	6,060	6,242	+7.0
Textile mill products	9,112	9,032	8,942	+0.9	+1.0	+1.1	9,206	9,213	9,035	8,631	+6.7
Broadwoven fabrics and other textiles	5,307	5,268	5,124	+0.7	+2.8	+0.1	5,318	5,344	5,133	5,176	+2.7
Paper and allied products	13,736	13,631	13,554	+0.8	+0.6	-1.5	13,596	13,632	13,662	13,066	+4.1
Pulp, paper, and paperboard mill products	5,799	5,725	5,763	+1.3	-0.7	+0.6	5,718	5,687	5,766	5,227	+9.4
Paperboard containers and boxes	3,276	3,293	3,275	-0.5	+0.5	-0.3	3,240	3,309	3,261	3,160	+2.5
Miscellaneous converted paper products	4,661	4,613	4,516	+1.0	+2.1	-4.8	4,638	4,636	4,635	4,679	-0.9
Chemicals and allied products	34,721	34,221	33,893	+1.5	+1.0	-0.4	34,508	34,245	33,792	33,369	+3.4
Industrial chemicals	17,516	17,335	17,304	+1.0	+0.2	+0.9	17,358	17,373	17,274	17,110	+1.4
Drugs, soaps, and toiletries	12,665	12,417	12,209	+2.0	+1.7	-2.3	12,842	12,610	12,374	11,905	+7.9
Petroleum and coal products	12,020	12,071	11,823	-0.4	+2.1	+3.1	11,864	12,025	11,849	11,846	+0.2
Rubber and plastics products	11,179	11,112	11,077	+0.6	+0.3	+1.1	11,004	11,019	10,990	11,106	-0.9
All other nondurable goods	25,199	24,857	24,683	+1.4	+0.7	+0.3	25,886	25,747	25,555	23,946	+8.1

^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	Year to date	
	Aug. 1992 ^p	July 1992 ^r	June 1992	July-Aug.	June-July	May-June	Aug. 1992 ^p	July 1992 ^r	June 1992	Aug. 1991	Aug. 92/91	1992 ^p	1991
SHIPMENTS													
All manufacturing industries	241,344	247,216	247,252	-2.4	0.0	+2.4	242,746	226,244	264,164	238,300	+1.9	1,912,924	1,848,497
Market categories :													
Automotive equipment	9,923	9,569	9,717	+3.7	-1.5	-0.9	9,798	7,053	10,485	8,952	+9.5	76,578	66,404
Home goods and apparel	16,776	17,112	16,492	-2.0	+3.8	0.0	18,042	16,212	17,375	16,541	+9.1	128,763	115,786
Consumer staples	54,060	56,533	56,216	-4.4	+0.6	+3.0	54,612	53,475	58,674	54,515	+0.2	429,669	425,577
Machinery and equipment	39,534	39,905	40,895	-0.9	-2.4	+5.5	37,564	34,488	46,058	36,287	+3.5	309,965	296,530
Business supplies	18,595	19,659	19,308	-5.4	+1.8	+1.3	18,672	18,401	19,707	19,253	-3.0	149,045	152,126
Construction materials and supplies	15,269	15,434	15,412	-1.1	+0.1	+1.1	16,272	15,089	16,961	15,079	+7.9	121,155	111,078
Defense products	7,922	8,268	8,229	-4.2	+0.5	+1.6	7,799	7,395	8,673	8,866	-12.0	63,955	65,097
Other materials, supplies and intermediate products	79,265	80,736	80,983	-1.8	-0.3	+2.0	79,987	74,131	86,231	78,807	+1.5	633,794	615,899
Durable goods industries :													
Nondefense capital goods ³	31,153	31,847	32,830	-2.2	-3.0	+7.3	29,295	27,980	37,737	28,705	+2.1	244,656	236,889
Excluding aircraft and parts	25,564	26,227	26,176	-2.5	+0.2	+4.9	24,193	22,933	30,206	22,969	+5.3	197,202	190,000
Defense capital goods ⁴	7,683	8,076	8,057	-4.9	+0.2	+2.8	7,493	7,096	8,544	8,765	-14.5	62,151	64,422
Durables excluding capital goods	84,608	84,866	84,944	-0.3	-0.1	+1.2	85,451	74,225	91,320	81,567	+4.8	666,683	625,151
Miscellaneous series :													
Producers' durable equipment	77,384	78,024	79,345	-0.8	-1.7	+3.9	75,104	65,772	87,606	72,446	+3.7	607,544	571,889
Household durable goods	7,224	7,353	6,960	-1.8	+5.6	-0.8	7,399	6,284	7,321	7,000	+5.7	54,749	50,889
Information technology industries	14,137	14,854	14,419	-4.8	+3.0	+4.5	13,154	12,361	17,292	12,268	+7.2	107,935	100,360
Health care equipment and products	7,679	7,886	7,960	-2.6	-0.9	+2.9	7,682	7,390	8,349	7,399	+3.8	61,295	57,944
NEW ORDERS													
All manufacturing industries	237,596	242,307	244,542	-1.9	-0.9	+2.4	236,886	222,388	259,174	237,368	-0.2	1,892,046	1,846,490
Market categories :													
Automotive equipment	9,903	9,544	9,700	+3.8	-1.6	-1.2	9,778	7,070	10,425	8,979	+8.9	76,585	66,480
Home goods and apparel	16,919	17,192	16,814	-1.6	+2.2	+2.9	17,991	16,552	17,501	16,802	+7.1	130,679	117,796
Consumer staples	54,052	56,580	56,209	-4.5	+0.7	+3.0	54,635	53,566	58,733	54,537	+0.2	429,722	425,630
Machinery and equipment	37,008	37,781	39,210	-2.0	-3.6	0.0	34,943	32,447	44,126	34,695	+0.7	302,044	291,880
Business supplies	18,565	19,675	19,389	-5.6	+1.5	+1.8	18,685	18,530	19,689	19,264	-3.0	149,222	152,211
Construction materials and supplies	15,254	15,379	15,396	-0.8	-0.1	+1.2	16,198	15,138	16,889	15,031	+7.8	121,327	112,110
Defense products	7,041	5,914	7,681	+19.1	-23.0	+22.0	5,457	4,849	7,433	8,968	-39.2	50,548	60,701
Other materials, supplies and intermediate products	78,854	80,242	80,143	-1.7	+0.1	+2.5	79,199	74,236	84,378	79,092	+0.1	631,919	619,682
Durable goods industries :													
Nondefense capital goods ³	28,149	29,296	30,953	-3.9	-5.4	+1.6	26,444	25,528	35,541	27,710	-4.6	235,287	235,361
Excluding aircraft and parts	24,769	25,559	25,885	-3.1	-1.3	+4.9	23,551	22,364	29,596	22,452	+4.9	195,605	185,552
Defense capital goods ⁴	6,577	5,630	7,167	+16.8	-21.4	+22.4	4,860	4,476	6,939	8,708	-44.2	48,092	60,140
Durables excluding capital goods	85,025	84,935	85,044	+0.1	-0.1	+1.9	85,003	75,039	90,315	81,184	+4.7	668,102	626,845
Miscellaneous series :													
Producers' durable equipment	74,841	75,274	78,047	-0.6	-3.6	+1.6	72,469	63,979	85,309	70,525	+2.8	599,540	564,817
Household durable goods	7,198	7,388	6,952	-2.6	+6.3	+0.7	7,286	6,497	7,223	7,131	+2.2	55,894	52,270
Information technology industries	13,975	14,527	13,978	-3.8	+3.9	+1.2	13,065	12,117	16,771	11,911	+9.7	106,270	99,583
Health care equipment and products	8,172	7,932	7,665	+3.0	+3.5	-1.2	8,175	7,437	8,054	7,411	+10.3	61,243	57,523

^p Preliminary. ^r 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' UNFULFILLED ORDERS AND TOTAL INVENTORIES
FOR TOPICAL SERIES¹
(Millions of dollars)**

Industry	Seasonally adjusted						Not seasonally adjusted				
	Monthly			Percent Change			Monthly				Percent change Aug. 92/91
	Aug. 1992 ^b	July 1992 ^f	June 1992	July-Aug.	June-July	May-June	Aug. 1992 ^b	July 1992 ^f	June 1992	Aug. 1991	
UNFILLED ORDERS											
All manufacturing industries	482,135	485,883	490,792	-0.8	-1.0	-0.5	481,387	487,247	491,103	516,664	-6.8
Market categories :											
Automotive equipment	1,680	1,700	1,725	-1.2	-1.4	-0.9	1,681	1,701	1,685	1,584	+6.1
Home goods and apparel	9,832	9,689	9,608	+1.5	+0.8	+3.5	10,355	10,406	10,066	9,718	+6.6
Consumer staples	1,292	1,299	1,253	-0.5	+3.7	-0.5	1,338	1,315	1,224	1,351	-1.0
Machinery and equipment	205,849	208,375	210,500	-1.2	-1.0	-0.8	205,941	208,562	210,602	218,508	-5.8
Business supplies	5,774	5,804	5,788	-0.5	+0.3	+1.4	5,934	5,921	5,791	5,997	-1.1
Construction materials and supplies	13,920	13,935	13,991	-0.1	-0.4	-0.1	14,050	14,124	14,075	14,287	-1.7
Defense products	124,930	125,811	128,165	-0.7	-1.8	-0.4	122,617	124,958	127,503	138,809	-11.7
Other materials, supplies and intermediate products	118,858	119,270	119,762	-0.3	-0.4	-0.7	119,471	120,260	120,157	126,410	-5.5
Durable goods industries :											
Nondefense capital goods ³	225,137	228,141	230,692	-1.3	-1.1	-0.8	225,232	228,083	230,535	240,439	-6.3
Excluding aircraft and parts	72,971	73,766	74,434	-1.1	-0.9	-0.4	73,066	73,708	74,277	77,235	-5.4
Defense capital goods ⁴	131,830	132,936	135,382	-0.8	-1.8	-0.7	129,572	132,205	134,825	147,555	-12.2
Durables excluding capital goods	102,083	101,666	101,597	+0.4	+0.1	+0.1	102,911	103,359	102,545	105,442	-2.4
Miscellaneous series :											
Producers' durable equipment	227,928	230,471	233,221	-1.1	-1.2	-0.6	228,759	231,394	233,187	242,909	-5.8
Household durable goods	5,202	5,228	5,193	-0.5	+0.7	-0.2	5,635	5,748	5,535	5,624	+0.2
Information technology industries	31,753	31,915	32,242	-0.5	-1.0	-1.3	31,976	32,065	32,309	35,892	-10.9
Health care equipment and products	8,170	7,676	7,630	+6.4	+0.6	-3.7	8,170	7,677	7,630	8,528	-4.2
TOTAL INVENTORIES											
All manufacturing industries	385,599	383,491	382,854	+0.5	+0.2	-0.1	386,969	383,467	381,008	389,161	-0.6
Market categories :											
Automotive equipment	6,424	6,318	6,340	+1.7	-0.3	-0.1	6,411	6,120	6,154	6,415	-0.1
Home goods and apparel	29,197	29,014	28,874	+0.6	+0.5	+1.3	29,434	29,685	29,815	26,003	+13.2
Consumer staples	59,599	59,073	58,329	+0.9	+1.3	-0.6	59,765	58,146	56,841	57,272	+4.4
Machinery and equipment	88,152	87,218	87,332	+1.1	-0.1	-0.1	88,655	87,259	86,902	91,215	-2.8
Business supplies	22,103	21,792	21,706	+1.4	+0.4	-0.4	22,360	21,994	21,786	22,479	-0.5
Construction materials and supplies	23,017	23,062	23,060	-0.2	0.0	+0.6	22,896	23,073	23,108	22,633	+1.2
Defense products	30,777	31,309	31,783	-1.7	-1.5	-1.6	31,315	31,726	31,796	35,602	-12.0
Other materials, supplies and intermediate products	126,330	125,705	125,430	+0.5	+0.2	+0.1	126,133	125,464	124,606	127,542	-1.1
Durable goods industries :											
Nondefense capital goods ³	83,023	82,130	82,312	+1.1	-0.2	-0.5	83,760	82,471	81,927	87,347	-4.1
Excluding aircraft and parts	54,539	54,208	54,190	+0.6	0.0	-0.4	55,151	54,467	53,946	57,318	-3.8
Defense capital goods ⁴	32,920	33,682	34,164	-2.3	-1.4	-1.6	33,520	34,136	34,167	37,899	-11.6
Durables excluding capital goods	126,088	125,446	125,415	+0.5	0.0	+0.3	126,153	125,009	125,016	126,429	-0.2
Miscellaneous series :											
Producers' durable equipment	143,115	141,772	141,803	+0.9	0.0	0.0	143,727	141,530	141,173	145,293	-1.1
Household durable goods	13,075	13,046	13,046	+0.2	0.0	+0.8	13,154	13,215	13,295	12,426	+5.9
Information technology industries	27,979	27,749	27,944	+0.8	-0.7	-0.3	28,520	27,998	27,575	29,175	-2.2
Health care equipment and products	13,177	12,979	12,798	+1.5	+1.4	-0.5	13,244	13,075	12,891	12,430	+6.5
See footnotes at end of table 5.											

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 Aug. 92/91
	Aug. 1992 ^p	July 1992 ^r	June 1992	July- Aug.	June- July	May- June	Aug. 1992 ^p	July 1992 ^r	June 1992	Aug. 1991	
MATERIALS AND SUPPLIES											
All manufacturing industries	120,036	119,762	119,832	+0.2	-0.1	+0.9	119,832	119,216	118,558	120,165	-0.3
Durable goods industries	67,257	66,800	67,304	+0.7	-0.7	+0.9	67,675	66,601	66,640	69,240	-2.3
Stone, clay, and glass products	2,467	2,421	2,411	+1.9	+0.4	+1.6	2,471	2,439	2,409	2,497	-1.0
Primary metals	6,150	6,164	6,222	-0.2	-0.9	+2.3	6,204	6,141	6,095	6,487	-4.4
Fabricated metal products	8,191	8,171	8,130	+0.2	+0.5	-0.5	8,254	8,185	8,115	8,223	+0.4
Industrial machinery and equipment	13,475	13,136	13,169	+2.6	-0.3	+2.0	13,563	13,126	13,100	13,945	-2.7
Electronic and other electrical equipment	9,111	9,024	9,237	+1.0	-2.3	+0.2	9,158	9,092	9,144	9,661	-5.2
Transportation equipment	13,067	13,056	13,271	+0.1	-1.6	-0.1	13,204	12,856	13,145	14,170	-6.8
Instruments and related products	7,084	7,011	7,008	+1.0	0.0	+0.7	7,143	7,052	7,053	6,769	+5.5
Lumber, furniture and miscellaneous durable goods	7,712	7,817	7,856	-1.3	-0.5	+1.4	7,678	7,710	7,579	7,488	+2.5
Nondurable goods industries	52,779	52,962	52,528	-0.3	+0.8	+0.9	52,157	52,615	51,918	50,925	+2.4
Food and kindred products	10,115	10,172	10,202	-0.6	-0.3	+0.4	9,783	9,937	9,912	9,371	+4.4
Tobacco products	5,300	5,348	5,244	-0.9	+2.0	+3.0	4,996	4,977	4,938	4,688	+6.6
Textile mill products	2,780	2,816	2,750	-1.3	+2.4	+2.2	2,783	2,896	2,781	2,507	+11.0
Paper and allied products	6,890	6,884	6,827	+0.1	+0.8	-1.8	6,818	6,847	6,831	6,589	+3.5
Chemicals and allied products	11,760	11,776	11,744	-0.1	+0.3	+1.5	11,810	11,865	11,782	11,775	+0.3
Petroleum and coal products	3,171	3,223	2,977	-1.6	+8.3	0.0	3,122	3,197	2,987	3,219	-3.0
Rubber and plastics products	4,370	4,381	4,373	-0.3	+0.2	+1.5	4,288	4,339	4,263	4,256	+0.8
Apparel, printing and publishing and leather goods	8,393	8,362	8,411	+0.4	-0.6	+1.2	8,557	8,557	8,424	8,520	+0.4
WORK IN PROCESS											
All manufacturing industries	134,639	134,287	135,185	+0.3	-0.7	-0.8	135,987	135,120	134,637	142,512	-4.6
Durable goods industries	111,677	111,644	112,540	0.0	-0.8	-1.0	112,892	112,331	112,201	120,515	-6.3
Stone, clay, and glass products	1,139	1,135	1,118	+0.4	+1.5	-1.4	1,126	1,140	1,128	1,135	-0.8
Primary metals	7,510	7,490	7,587	+0.3	-1.3	-0.6	7,590	7,566	7,607	8,154	-6.9
Fabricated metal products	7,524	7,541	7,383	-0.2	+2.1	+0.7	7,491	7,494	7,325	7,598	-1.4
Industrial machinery and equipment	18,323	18,208	18,405	+0.6	-1.1	-2.5	18,444	18,176	18,253	20,053	-8.0
Electronic and other electrical equipment	13,164	12,944	12,885	+1.7	+0.5	0.0	13,337	13,107	12,988	13,323	+0.1
Transportation equipment	48,728	48,873	49,624	-0.3	-1.5	-1.1	49,337	49,245	49,349	52,945	-6.8
Instruments and related products	11,113	11,265	11,308	-1.3	-0.4	-0.9	11,339	11,397	11,313	13,095	-13.4
Lumber, furniture and miscellaneous durable goods	4,176	4,188	4,230	-0.3	-1.0	-0.9	4,228	4,206	4,238	4,212	+0.4
Nondurable goods industries	22,962	22,643	22,645	+1.4	0.0	+0.2	23,095	22,789	22,436	21,997	+5.0
Food and kindred products	3,555	3,457	3,423	+2.8	+1.0	+0.8	3,349	3,308	3,261	3,294	+1.7
Tobacco products	52	58	61	-10.3	-4.9	+7.0	45	44	45	71	-36.6
Textile mill products	2,475	2,431	2,454	+1.8	-0.9	-1.5	2,512	2,463	2,452	2,493	+0.8
Paper and allied products	1,107	1,113	1,091	-0.5	+2.0	+0.3	1,122	1,152	1,118	1,233	-9.0
Chemicals and allied products	5,485	5,372	5,454	+2.1	-1.5	-0.5	5,569	5,418	5,428	5,244	+6.2
Petroleum and coal products	3,050	3,055	3,095	-0.2	-1.3	+2.8	3,057	3,076	3,137	2,932	+4.3
Rubber and plastics products	1,472	1,484	1,490	-0.8	-0.4	-0.7	1,478	1,468	1,436	1,586	-6.8
Apparel, printing and publishing and leather goods	5,766	5,673	5,577	+1.6	+1.7	-0.1	5,963	5,860	5,559	5,144	+15.9
FINISHED GOODS											
All manufacturing industries	130,924	129,442	127,837	+1.1	+1.3	-0.2	131,150	129,131	127,813	126,484	+3.7
Durable goods industries	63,097	62,814	62,047	+0.5	+1.2	+0.1	62,866	62,684	62,269	61,920	+1.5
Stone, clay, and glass products	4,411	4,385	4,426	+0.6	-0.9	+0.2	4,335	4,387	4,464	4,326	+0.2
Primary metals	6,344	6,179	6,026	+2.7	+2.5	-1.6	6,241	6,131	6,048	6,232	+0.1
Fabricated metal products	7,615	7,546	7,460	+0.9	+1.2	-0.2	7,467	7,545	7,687	7,117	+4.9
Industrial machinery and equipment	13,367	13,562	13,271	-1.4	+2.2	0.0	13,481	13,592	13,096	14,214	-5.2
Electronic and other electrical equipment	8,818	8,927	8,887	-1.2	+0.5	+1.3	8,863	8,941	9,136	8,714	+1.7
Transportation equipment	8,444	8,217	7,994	+2.8	+2.8	-0.8	8,448	8,042	7,734	8,305	+1.7
Instruments and related products	5,677	5,644	5,602	+0.6	+0.7	+1.7	5,662	5,677	5,610	5,365	+5.5
Lumber, furniture and miscellaneous durable goods	8,421	8,354	8,381	+0.8	-0.3	+0.3	8,369	8,369	8,494	7,647	+9.4
Nondurable goods industries	67,827	66,628	65,790	+1.8	+1.3	-0.6	68,284	66,447	65,544	64,564	+5.8
Food and kindred products	17,011	16,929	16,906	+0.5	+0.1	+0.9	17,662	16,418	15,782	16,615	+6.3
Tobacco products	1,568	1,345	1,155	+16.6	+16.5	-31.9	1,637	1,286	1,077	1,483	+10.4
Textile mill products	3,857	3,785	3,738	+1.9	+1.3	+1.9	3,911	3,854	3,802	3,631	+7.7
Paper and allied products	5,739	5,634	5,636	+1.9	0.0	-1.4	5,656	5,633	5,713	5,244	+7.9
Chemicals and allied products	17,476	17,073	16,695	+2.4	+2.3	-1.7	17,129	16,962	16,582	16,350	+4.8
Petroleum and coal products	5,799	5,793	5,751	+0.1	+0.7	+4.8	5,685	5,752	5,725	5,695	-0.2
Rubber and plastics products	5,337	5,247	5,214	+1.7	+0.6	+1.3	5,238	5,212	5,291	5,264	-0.5
Apparel, printing and publishing and leather goods	11,040	10,822	10,695	+2.0	+1.2	-0.3	11,366	11,330	11,572	10,282	+10.5

^p Preliminary. ^r 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			
	Aug. 1992 ^P	July 1992 ^T	June 1992	May 1992	Aug. 1992 ^P	July 1992 ^T	June 1992	May 1992
All manufacturing industries	1.60	1.55	1.55	1.59	3.74	3.67	3.71	3.84
Durable goods industries	1.96	1.93	1.92	1.98	4.56	4.50	4.52	4.71
Stone, clay, and glass products	1.48	1.44	1.50	1.53	1.38	1.38	1.41	1.43
Primary metals	1.83	1.78	1.76	1.77	1.95	1.89	1.85	1.85
Fabricated metal products	1.73	1.74	1.71	1.76	1.84	1.86	1.91	1.98
Industrial machinery and equipment	2.16	2.13	2.07	2.18	2.57	2.58	2.53	2.68
Electronic and other electrical equipment	1.79	1.70	1.79	1.80	2.43	2.31	2.43	2.43
Transportation equipment	2.21	2.22	2.16	2.24	14.05	13.74	13.21	14.09
Instruments and related products	2.37	2.35	2.28	2.36	5.26	5.23	5.12	5.44
Nondurable goods industries	1.22	1.16	1.16	1.18	0.82	0.79	0.80	0.81
Food and kindred products	0.94	0.94	0.94	0.92	(X)	(X)	(X)	(X)
Tobacco products	3.41	2.04	1.83	3.16	(X)	(X)	(X)	(X)
Textile mill products	1.50	1.46	1.45	1.47	(NA)	(NA)	(NA)	(NA)
Paper and allied products	1.30	1.28	1.29	1.32	(NA)	(NA)	(NA)	(NA)
Chemicals and allied products	1.40	1.34	1.34	1.36	(X)	(X)	(X)	(X)
Petroleum and coal products	0.91	0.85	0.82	0.84	(X)	(X)	(X)	(X)
Rubber and plastics products	1.27	1.24	1.25	1.25	(X)	(X)	(X)	(X)

^P Preliminary. ^T 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		
	Aug. ¹ 1992	Aug. ² 1987-1991	Aug. 1991-July 1992	Aug. ¹ 1992	Aug. ² 1987-1991	Aug. 1991-July 1992	Aug. ¹ 1992	Aug. ² 1987-1991	Aug. 1991-July 1992	Aug. ¹ 1992	Aug. ² 1987-1991	Aug. 1991-July 1992
All manufacturing industries	(X)	0.3	0.1	(X)	0.6	0.3	(X)	0.2	0.1	(X)	0.0	0.1
Durable goods industries	-0.1	0.3	0.2	0.0	1.0	0.6	0.0	0.1	0.1	(X)	0.0	0.1
Stone, clay, and glass products	(X)	1.0	0.9	(X)	0.9	1.5	(X)	0.4	0.6	(X)	0.3	0.3
Primary metals	0.2	0.9	0.2	0.4	1.3	0.7	0.1	0.4	0.3	(X)	0.1	0.1
Fabricated metal products	(X)	0.3	0.3	(X)	0.3	0.6	(X)	0.2	0.3	(X)	0.1	0.2
Industrial machinery and equipment	0.0	0.4	0.3	-0.1	0.3	0.4	0.0	0.1	0.1	(X)	0.1	0.1
Electronic and other electrical equipment	-0.2	0.6	0.3	-0.2	1.5	0.9	0.0	0.4	0.2	(X)	0.3	0.1
Transportation equipment	0.0	0.2	0.5	-0.3	1.4	1.4	0.0	0.2	0.1	(X)	0.0	0.2
Instruments and related products	(X)	0.8	0.7	(X)	2.4	0.6	(X)	0.7	0.1	(X)	0.2	0.1
Nondurable goods industries	(X)	0.3	0.1	(X)	0.3	0.1	(X)	0.2	0.5	(X)	0.1	0.2
Food and kindred products	(X)	0.5	0.4	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.4
Tobacco products	(X)	0.5	2.4	(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)	0.2	0.4
Paper and allied products	(X)	0.5	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)	0.2	0.2
Petroleum and coal products	(X)	0.2	0.2	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.2	0.2
Rubber and plastics products	(X)	0.2	0.4	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.2	0.3
Capital goods industries :												
Nondefense	-0.1	0.4	0.5	-0.2	0.9	1.2	0.0	0.1	0.1	(X)	0.1	0.1
Defense	0.3	0.6	1.1	0.1	5.8	5.4	0.0	0.3	0.2	(X)	0.0	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.

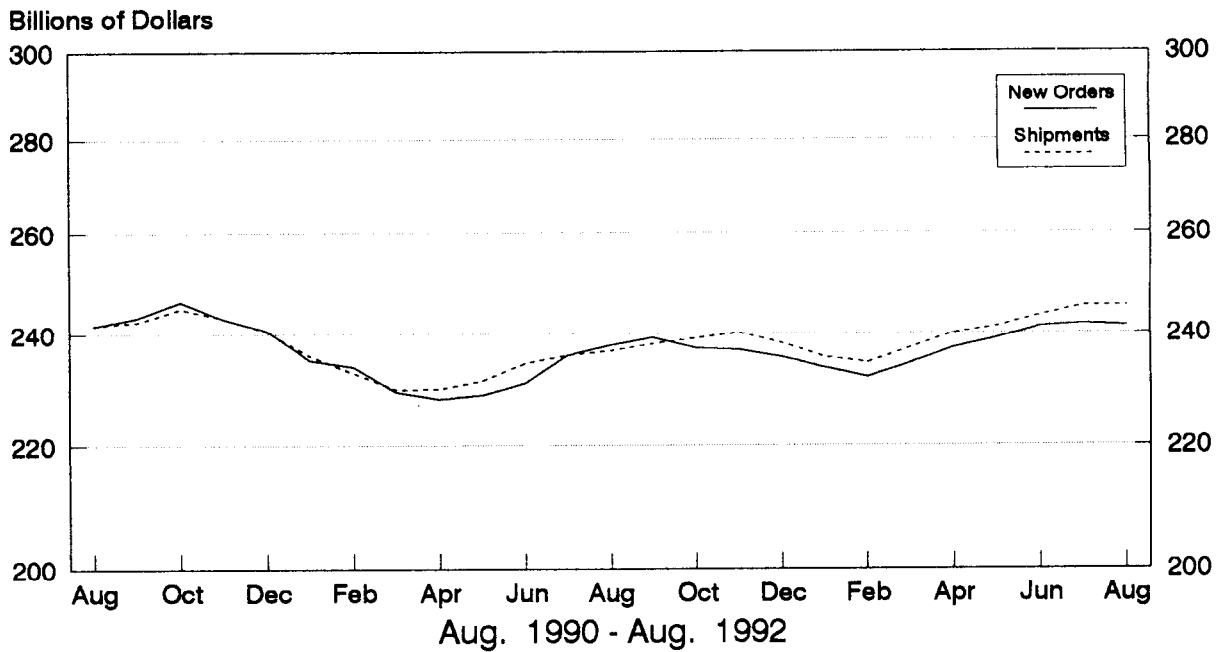
¹ The current month revisions are the difference between the advance percent change and the percent change as shown in this publication.

² Average for this month for the last five years.

Total Manufacturing

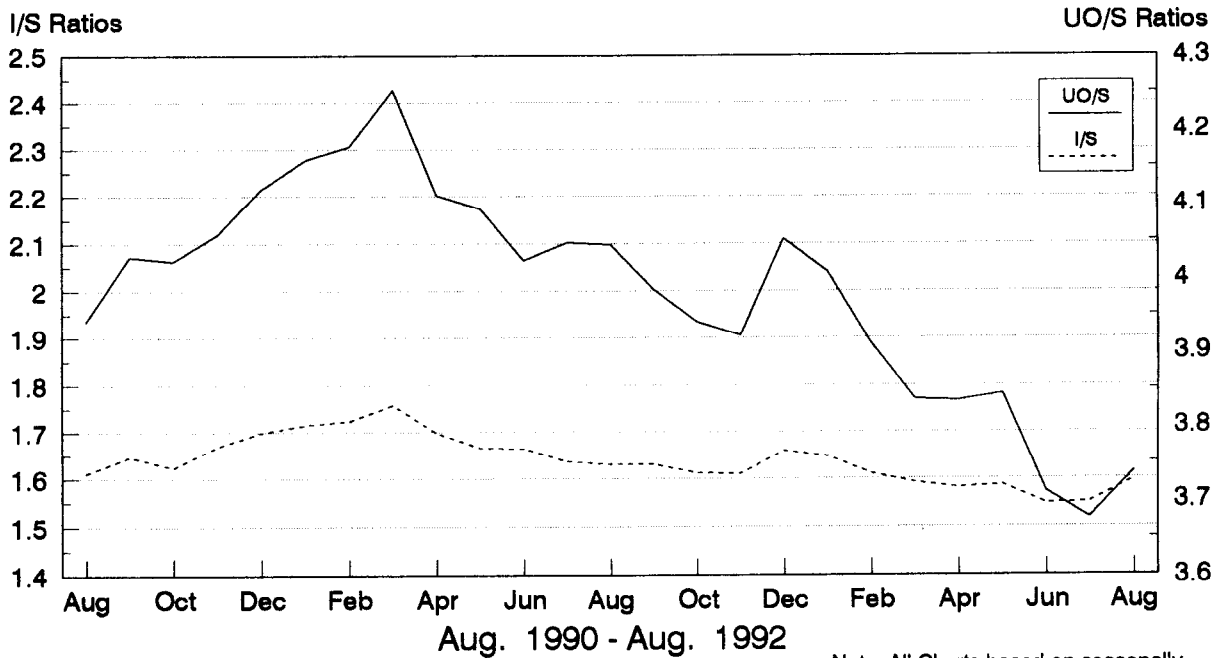
New Orders and Shipments

Three Month Moving Averages



Total Manufacturing

Ratio of Unfilled Orders and Inventories to Shipments



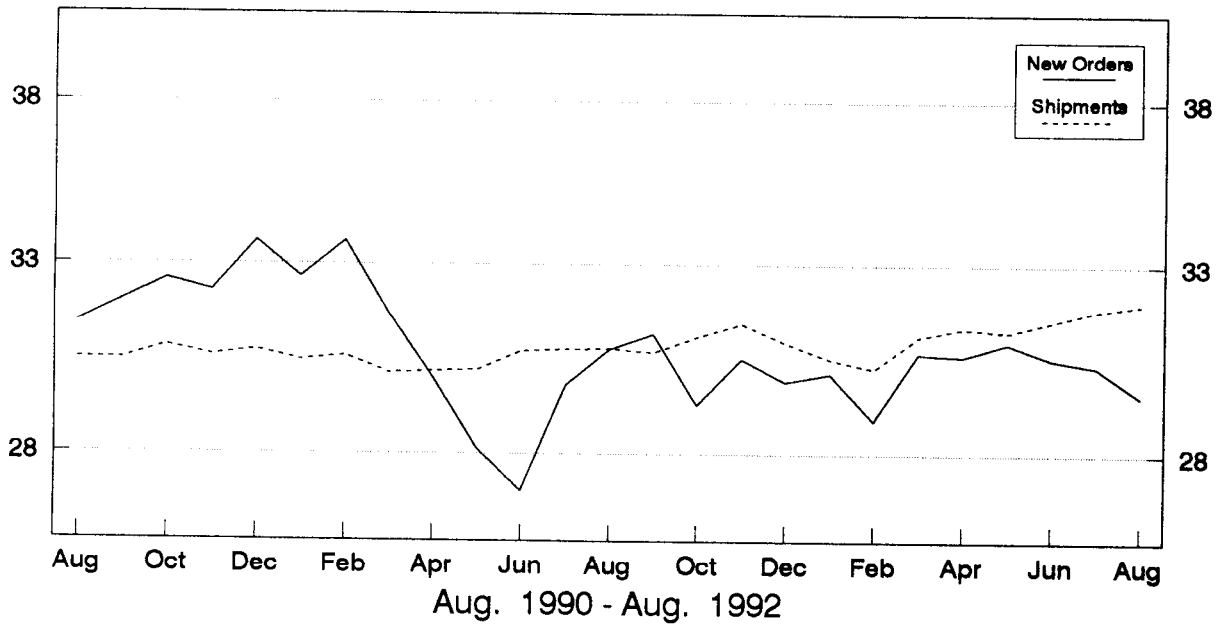
Note: All Charts based on seasonally adjusted current dollars.

Nondefense Capital Goods

11

New Orders and Shipments
Three Month Moving Averages

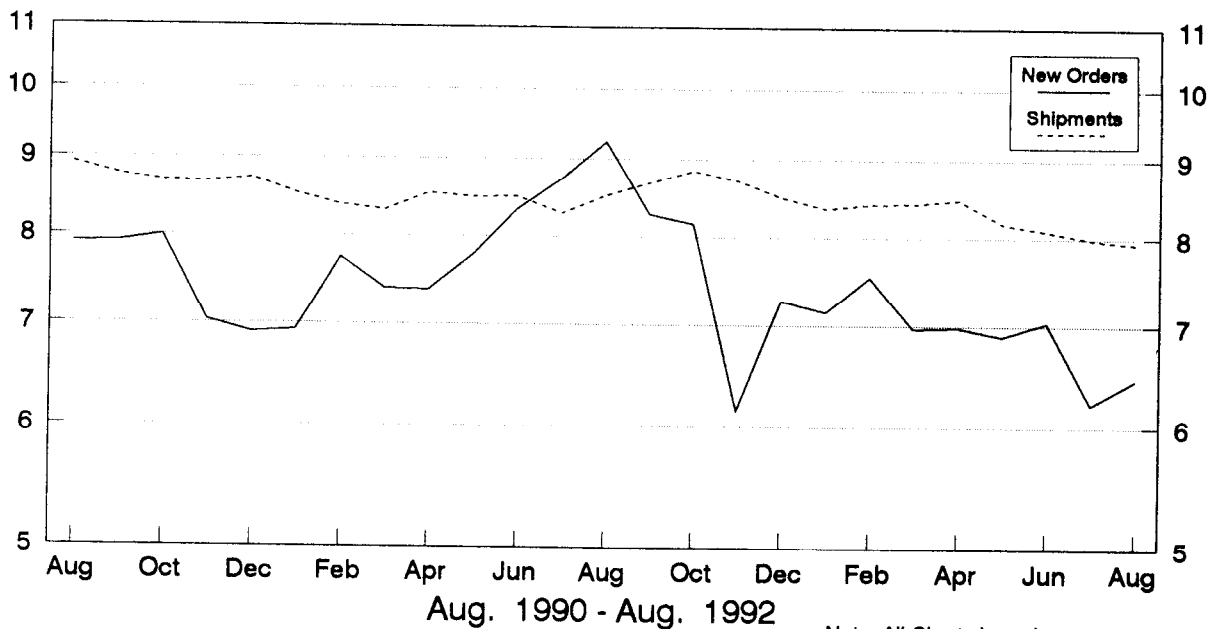
Billions of Dollars



Defense Capital Goods

New Orders and Shipments
Three Month Moving Averages

Billions of Dollars



Note: All Charts based on seasonally adjusted current dollars.