



Manufacturers' Shipments, Inventories, and Orders

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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 June increased \$6.4 billion or 2.6 percent to \$254.8 billion, the Department of Commerce, Bureau of the Census reported today. This follows a 1.6 percent decrease in May, and is the first increase since February. Year-to-date new orders for 1993 totaled \$1,519.3 billion, 6.1 percent above the same period a year ago.

Shipments increased \$4.6 billion or 1.8 percent to \$258.7 billion, following a 0.4 percent decrease in May. Year-to-date shipments for 1993 totaled \$1,536.4 billion, 6.2 percent above the same period a year ago.

Unfilled orders decreased \$3.9 billion or 0.8 percent to \$458.3 billion, the lowest level since September 1988. This is the fourth consecutive monthly decline. The unfilled orders-to-shipments ratio decreased from 3.42 in May to 3.33 in June, the lowest ratio since April 1978.

Inventories decreased \$0.2 billion or 0.1 percent to \$381.4 billion. This is the first decline since January. The inventories-to-shipments ratio decreased from 1.50 in May to 1.47 in June.

Please note that revisions in data reported for new orders and unfilled orders for October 1992 through March 1993 appear in Tables A - I.

New Orders

New orders for durable goods in June increased \$4.9 billion or 3.8 percent to \$131.6 billion, following a 2.4 percent decrease in May. This is the first increase since February.

Transportation equipment had the largest increase, up \$4.6 billion or 15.1 percent to \$35.1 billion, primarily due to aircraft and parts. This follows three consecutive monthly declines. Excluding transportation equipment, new orders for durable goods increased \$0.3 billion or 0.3 percent. Electronic and other electrical equipment was up \$0.8 billion or 4.5 percent to \$19.0 billion, primarily due to electronic components. Stone, clay and glass products had the largest decline, down \$0.4 billion or 7.4 percent to \$5.5 billion. Industrial machinery and equipment was down \$0.3 billion or 1.4 percent to \$22.9 billion.

New orders for nondurable goods increased \$1.6 billion or 1.3 percent to \$123.1 billion, following a 0.8 percent decrease in May. The largest increases were in chemicals and allied products and food and kindred products. Paper and allied products and petroleum and coal products had the largest decreases.

Shipments

Shipments of durable goods in June increased \$3.1 billion or 2.3 percent to \$135.4 billion, following a 0.3 percent decrease in May. All major groups increased except lumber and wood products and industrial machinery and equipment. Transportation equipment had the largest increase, up \$1.7 billion or 4.9 percent to \$35.9 billion, due to motor vehicles and parts and aircraft and parts. Electronic and other electrical equipment increased \$0.7 billion or 3.6 percent to \$19.5 billion, primarily due to electronic components. Primary metals increased \$0.4 billion or 3.8 percent to \$11.6 billion.

Shipments of nondurable goods increased \$1.5 billion or 1.3 percent to \$123.2 billion, following a 0.5 percent decrease in May. The largest increases were in chemicals and allied products, up \$1.0 billion or 3.8 percent to \$26.7 billion, and food and kindred products, up \$0.9 billion or 2.6 percent to \$34.3 billion. The largest decrease was in petroleum and coal products, down \$0.3 billion or 2.6 percent to \$12.7 billion. Paper and allied products was down \$0.2 billion or 1.8 percent to \$10.7 billion.

Unfilled Orders

Unfilled orders for durable goods in June decreased \$3.8 billion or 0.9 percent to \$435.4 billion, the lowest level since August 1988. This is the fourth consecutive monthly decline. Instruments and related products had the largest decrease, down \$1.0 billion or 1.8 percent to \$54.0 billion, primarily due to search and navigation equipment. Transportation equipment, down for the fourteenth month in a row, declined \$0.9 billion or 0.4 percent to \$230.1 billion, primarily due to aircraft and parts and shipbuilding and tanks. This is the lowest level since April 1989. Electronic and other electrical equipment declined \$0.5 billion or 1.2 percent to \$41.7 billion, the lowest level since March 1987. Unfilled orders for nondurable goods decreased \$0.1 billion or 0.5 percent to \$22.9 billion.

Inventories

Inventories for durable goods in June decreased \$0.2 billion or 0.1 percent to \$237.5 billion. Transportation equipment had the largest decrease, down \$0.3 billion or 0.4 percent to \$65.3 billion, due to aircraft and parts. Industrial machinery and equipment had the largest increase, up \$0.3 billion or 0.6 percent to \$45.1 billion. Nondurable goods inventories declined slightly to \$143.8 billion.

By stage of fabrication, finished goods decreased 0.5 percent in durables and 0.2 percent in nondurables. Work in process was up 0.4 percent in durables and 0.5 percent in nondurables. Materials and supplies decreased 0.4 percent in durables and was unchanged in nondurables.

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	
	June 1993 ^p	May 1993 ^r	Apr. 1993	May-June	Apr.-May	Mar.-Apr.	June 1993 ^p	May 1993 ^r	Apr. 1993	June 1992		1993 ^p	1992
All manufacturing industries	258,653	254,007	255,114	+1.8	-0.4	-1.5	278,170	256,332	253,519	264,336	+5.2	1,536,894	1,447,106
Manufacturing Industries													
with unfilled orders	137,811	135,264	135,206	+1.9	0.0	-1.7	149,184	134,261	133,076	143,052	+4.3	812,648	776,626
without defense capital goods . . .	251,088	246,619	247,605	+1.8	-0.4	-1.4	270,123	249,143	246,531	255,833	+5.6	1,493,254	1,399,916
Durable goods industries	135,412	132,307	132,763	+2.3	-0.3	-2.0	148,605	134,897	133,168	138,168	+7.6	807,983	746,694
With unfilled orders	108,478	105,706	105,836	+2.6	-0.1	-2.2	119,286	105,404	103,975	113,221	+5.4	638,592	605,770
Stone, clay, and glass products	5,779	5,726	5,819	+0.9	-1.6	+4.2	6,378	5,837	5,940	6,148	+3.7	33,419	31,588
Primary metals	11,605	11,181	11,392	+3.8	-1.9	-2.5	12,273	11,409	11,711	12,147	+1.0	69,955	69,218
Blast furnaces, steel mills	5,228	5,158	5,180	+1.4	-0.4	-1.4	5,542	5,287	5,329	5,150	+7.6	31,750	29,792
Iron and steel foundries	1,014	961	1,038	+5.5	-7.4	-3.1	1,121	1,043	1,102	1,148	-2.4	6,384	6,225
Nonferrous and other primary metals	5,363	5,062	5,174	+5.9	-2.2	-3.4	5,610	5,079	5,280	5,849	-4.1	31,821	33,201
Fabricated metal products	14,320	14,102	13,923	+1.5	+1.3	-1.4	15,482	14,445	13,882	14,407	+7.5	84,736	79,530
Industrial machinery and equipment . .	23,142	23,275	22,911	-0.6	+1.6	-3.8	26,876	23,026	22,505	25,072	+7.2	140,858	126,006
Engines and turbines	1,623	1,496	1,458	+8.5	+2.6	-3.3	1,898	1,478	1,397	1,652	+14.9	9,043	8,163
Farm and garden machinery	1,487	1,555	1,600	-4.4	-2.8	+13.2	1,526	1,795	2,101	1,242	+22.9	10,180	8,767
Construction, mining and material handling equipment	2,457	2,489	2,431	-1.3	+2.4	-3.1	2,666	2,568	2,564	2,387	+11.7	15,153	12,390
Metalworking machinery	2,477	2,633	2,622	-5.9	+0.4	+1.7	2,740	2,579	2,391	2,729	+0.4	15,213	13,783
Computer and office equipment . . .	5,978	5,968	5,964	+0.2	+0.1	-7.1	8,047	5,201	4,808	7,515	+7.1	35,503	31,376
Electronic and other electrical equipment	19,513	18,832	18,596	+3.6	+1.3	-0.9	20,981	18,435	17,808	18,337	+14.4	110,576	100,296
Electrical transmission and distribution equipment and industrial apparatus	2,357	2,361	2,411	-0.2	-2.1	+2.9	2,574	2,371	2,417	2,488	+3.5	14,373	13,813
Household appliances	1,645	1,596	1,567	+3.1	+1.9	-3.2	1,860	1,637	1,599	1,669	+11.4	9,696	8,905
Electric lighting and wiring equipment	1,703	1,689	1,657	+0.8	+1.9	-4.7	1,822	1,674	1,567	1,675	+8.8	10,029	9,125
Household audio and video equipment	861	894	907	-3.7	-1.4	-1.8	857	722	728	829	+3.4	4,770	4,775
Communications equipment	3,938	3,779	3,688	+4.2	+2.5	-0.6	4,354	3,654	3,403	3,737	+16.5	21,701	19,479
Electronic components	7,042	6,569	6,431	+7.2	+2.1	+0.5	7,317	6,546	6,407	5,859	+24.9	38,948	33,843
Transportation equipment	35,934	34,261	35,180	+4.9	-2.6	-3.0	39,337	36,797	36,734	35,818	+9.8	218,548	197,663
Motor vehicles and parts	23,361	22,325	23,127	+4.6	-3.5	-2.7	25,490	25,065	24,903	21,071	+21.0	146,359	119,727
Aircraft, missiles, space vehicles, and parts	10,245	9,617	9,686	+6.5	-0.7	-3.2	11,502	9,335	9,337	12,469	-7.8	57,743	64,425
Shipbuilding and tanks	930	946	977	-1.7	-3.2	-2.3	939	931	929	974	-3.6	5,652	5,861
Instruments and related products	10,759	10,565	10,510	+1.8	+0.5	-1.3	11,760	10,480	10,024	11,667	+0.8	63,098	63,189
Search and navigation equipment	2,803	2,764	2,675	+1.4	+3.3	-3.5	3,052	2,691	2,413	3,077	-0.8	16,029	16,591
Measuring and controlling devices . . .	2,860	2,912	2,863	-1.8	+1.7	+0.7	3,049	2,904	2,773	2,999	+1.7	17,230	16,825
Medical instruments and supplies	2,910	2,755	2,845	+5.6	-3.2	-2.8	3,149	2,716	2,798	3,162	-0.4	17,278	17,431
Photographic goods	1,857	1,802	1,797	+3.1	+0.3	+0.2	2,154	1,828	1,709	2,081	+3.5	10,568	10,455
All other durable goods	14,360	14,365	14,432	0.0	-0.5	-1.6	15,518	14,468	14,564	14,572	+6.5	86,793	79,204
Nondurable goods industries	123,241	121,700	122,351	+1.3	-0.5	-0.9	129,565	121,435	120,351	126,168	+2.7	728,911	700,412
With unfilled orders	29,333	29,558	29,370	-0.8	+0.6	0.0	29,898	28,857	29,101	29,831	+0.2	174,056	170,856
Food and kindred products	34,317	33,440	34,148	+2.6	-2.1	+0.4	35,749	34,023	33,389	33,758	+5.9	201,728	194,205
Meat products	7,948	7,919	7,850	+0.4	+0.9	+0.6	8,282	8,258	7,715	7,683	+7.8	46,886	43,788
Dairy products	4,579	4,472	4,520	+2.4	-1.1	+1.6	4,845	4,576	4,469	4,648	+4.2	26,593	25,895
Beverages	4,910	4,864	4,730	+0.9	+2.8	-0.6	5,651	5,342	4,740	5,436	+4.0	28,938	28,623
All other foods, except fats and oils .	15,135	14,518	15,382	+4.2	-5.6	+0.7	15,226	14,180	14,799	14,401	+5.7	89,097	86,326
Tobacco products	2,666	2,584	2,669	+3.2	-3.2	-9.4	3,437	2,842	1,873	4,264	-19.4	15,939	15,480
Textile mill products	5,948	5,866	5,802	+1.4	+1.1	+0.9	6,613	5,812	5,641	6,505	+1.7	34,927	34,482
Broadwoven fabrics and other textiles	3,570	3,627	3,652	-1.6	-0.7	+0.9	3,863	3,689	3,569	4,019	-3.9	21,888	21,867
Paper and allied products	10,702	10,903	10,741	-1.8	+1.5	-0.9	11,156	10,728	10,564	11,461	-2.7	64,768	65,393
Pulp, paper, and paperboard mill products	4,344	4,400	4,386	-1.3	+0.3	+1.5	4,513	4,355	4,315	4,681	-3.6	26,212	26,795
Paperboard containers and boxes . .	2,627	2,672	2,684	-1.7	-0.4	-0.4	2,711	2,677	2,691	2,855	-5.0	15,943	16,188
Miscellaneous converted paper products	3,731	3,831	3,671	-2.6	+4.4	-4.1	3,932	3,696	3,558	3,925	+0.2	22,613	22,410
Chemicals and allied products	26,671	25,683	25,971	+3.8	-1.1	-1.7	28,474	25,920	26,958	26,888	+5.9	159,558	151,946
Industrial chemicals	13,641	13,346	13,445	+2.2	-0.7	-1.0	14,337	13,476	13,891	13,867	+3.4	82,133	78,219
Drugs, soaps, and toiletries	9,856	9,301	9,573	+6.0	-2.8	-3.0	10,438	8,623	9,159	9,675	+7.9	57,151	53,669
Petroleum and coal products	12,685	13,021	13,072	-2.6	-0.4	-1.9	13,237	13,139	12,589	14,190	-6.7	74,836	73,432
Rubber and plastics products	8,710	8,608	8,523	+1.2	+1.0	-2.1	9,439	8,765	8,708	9,341	+1.0	52,853	52,705
All other nondurable goods	21,542	21,595	21,425	-0.2	+0.8	-0.1	21,460	20,206	20,629	19,761	+8.6	124,302	112,769

^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	
	June 1993 ^p	May 1993 ^r	Apr. 1993	May-June	Apr.-May	Mar.-Apr.	June 1993 ^p	May 1993 ^r	Apr. 1993	June 1992	June 93/92	1993 ^p	1992
All manufacturing industries	254,769	248,335	252,369	+2.6	-1.6	-0.3	271,444	250,090	251,370	259,968	+4.4	1,522,932	1,436,052
Manufacturing industries with unfilled orders	133,927	129,592	132,461	+3.3	-2.2	+0.7	142,458	128,019	130,927	138,684	+2.7	798,686	765,572
without defense capital goods	248,894	242,901	245,516	+2.5	-1.1	0.0	265,978	245,793	245,336	253,050	+5.1	1,485,840	1,398,114
Durable goods industries	131,648	126,783	129,838	+3.8	-2.4	-0.1	142,017	128,752	130,821	133,979	+6.0	793,002	735,010
With unfilled orders	104,714	100,182	102,911	+4.5	-2.7	+0.3	112,698	99,259	101,628	109,032	+3.4	623,611	594,086
Stone, clay, and glass products	5,457	5,894	5,892	-7.4	0.0	+3.5	6,063	6,214	6,011	6,265	-3.2	34,337	32,321
Primary metals	11,096	10,962	11,212	+1.2	-2.2	-6.7	11,481	10,946	11,435	12,145	-5.5	72,208	69,112
Blast furnaces, steel mills	5,127	5,140	5,078	-0.3	+1.2	-9.7	5,307	5,041	5,082	5,117	+3.7	33,887	29,297
Iron and steel foundries	924	970	1,049	-4.7	-7.5	+4.4	999	1,063	1,116	1,144	-12.7	6,333	6,186
Nonferrous and other primary metals	5,045	4,852	5,085	+4.0	-4.6	-5.6	5,175	4,842	5,237	5,884	-12.0	31,988	33,629
Fabricated metal products	13,921	13,913	13,648	+0.1	+1.9	-0.8	14,917	14,111	13,583	14,692	+1.5	83,561	78,843
Industrial machinery and equipment	22,874	23,200	22,999	-1.4	+0.9	-2.0	26,176	23,211	22,362	24,505	+6.8	140,863	124,836
Engines and turbines	1,722	1,393	1,344	+23.6	+3.6	-25.4	2,046	1,309	1,175	1,828	+11.9	8,589	7,945
Construction, mining and material handling equipment	2,316	2,585	2,400	-10.4	+7.7	-3.7	2,377	2,647	2,415	2,289	+3.8	15,098	12,283
Metalworking machinery	2,664	2,409	2,506	+10.6	-3.9	+3.4	2,927	2,355	2,275	2,572	+13.8	14,735	13,827
Computer and office equipment	5,915	6,258	5,900	-5.5	+6.1	-2.5	7,869	5,882	4,741	7,222	+9.0	36,010	30,528
Electronic and other electrical equipment	19,023	18,197	18,862	+4.5	-3.5	+5.5	19,724	17,817	18,682	18,027	+9.4	110,128	100,779
Electrical transmission and distribution equipment and industrial apparatus	2,323	2,315	2,479	+0.3	-6.6	+5.8	2,494	2,312	2,487	2,377	+4.9	14,563	13,685
Electric lighting and wiring equipment	1,685	1,748	1,706	-3.6	+2.5	+2.5	1,804	1,733	1,616	1,583	+14.0	10,174	8,993
Communications equipment	4,186	3,825	3,834	+9.4	-0.2	+13.8	4,614	3,658	3,528	3,827	+20.6	21,439	19,438
Electronic components	6,362	5,891	6,437	+8.0	-8.5	+6.1	6,064	5,939	7,026	5,800	+4.6	38,196	34,506
Transportation equipment	35,072	30,482	31,798	+15.1	-4.1	-1.3	37,836	32,169	33,341	33,622	+12.5	202,502	188,671
Aircraft, missiles, space vehicles, and parts	9,798	6,294	6,852	+55.7	-8.1	+8.1	10,545	5,130	6,430	10,618	-0.7	42,624	55,955
Shipbuilding and tanks	616	246	442	+150.4	-44.3	-36.5	643	308	482	430	+49.5	4,506	4,214
Instruments and related products	9,776	9,838	11,041	-0.6	-10.9	+7.3	10,424	9,751	10,361	10,299	+1.2	61,290	59,663
Search and navigation equipment	2,033	2,114	3,338	-3.8	-36.7	+22.2	1,889	2,027	2,872	2,000	-5.5	14,594	13,988
Measuring and controlling devices	2,856	2,731	2,954	+4.6	-7.5	+6.9	3,045	2,723	2,864	2,978	+2.2	17,200	16,479
Medical instruments and supplies	2,727	2,882	2,712	-5.4	+6.3	-1.8	2,966	2,843	2,665	2,865	+3.5	16,962	16,836
All other durable goods	14,429	14,297	14,386	+0.9	-0.6	-1.2	15,396	14,533	15,046	14,424	+6.7	88,113	80,785
Nondurable goods industries	123,121	121,552	122,531	+1.3	-0.8	-0.5	129,427	121,338	120,549	125,989	+2.7	729,930	701,042
With unfilled orders	29,213	29,410	29,550	-0.7	-0.5	+1.8	29,760	28,760	29,299	29,652	+0.4	175,075	171,486

^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 June 93/92
	June 1993 ^p	May 1993 ^r	Apr. 1993	May- June	Apr.- May	Mar.- Apr.	June 1993 ^p	May 1993 ^r	Apr. 1993	June 1992	
All manufacturing industries	458,262	462,146	467,818	-0.8	-1.2	-0.6	458,224	464,950	471,192	496,713	-7.7
Manufacturing industries without defense capital goods	334,351	336,545	340,263	-0.7	-1.1	-0.6	334,992	339,137	342,487	360,516	-7.1
Durable goods industries	435,397	439,161	444,685	-0.9	-1.2	-0.7	435,144	441,732	447,877	473,706	-8.1
Stone, clay, and glass products	7,192	7,514	7,346	-4.3	+2.3	+1.0	7,310	7,625	7,248	7,273	+0.5
Primary metals	22,650	23,159	23,378	-2.2	-0.9	-0.8	22,929	23,721	24,184	21,708	+5.6
Blast furnaces, steel mills	10,559	10,660	10,678	-0.9	-0.2	-0.9	10,559	10,794	11,040	8,278	+27.6
Iron and steel foundries	2,779	2,869	2,860	-3.1	+0.3	+0.4	2,779	2,901	2,881	2,919	-4.8
Nonferrous and other primary metals	9,312	9,630	9,840	-3.3	-2.1	-0.9	9,591	10,026	10,263	10,511	-8.8
Fabricated metal products	21,714	22,113	22,302	-1.8	-0.8	-1.2	21,586	22,151	22,485	23,243	-7.1
Industrial machinery and equipment	50,352	50,620	50,695	-0.5	-0.1	+0.2	50,124	50,824	50,639	51,589	-2.8
Engines and turbines	9,893	9,794	9,897	+1.0	-1.0	-1.1	9,602	9,454	9,623	9,286	+3.4
Construction, mining and material handling equipment	5,628	5,769	5,673	-2.4	+1.7	-0.5	5,544	5,833	5,754	5,599	-1.0
Metalworking machinery	6,855	6,668	6,892	+2.8	-3.3	-1.7	6,855	6,668	6,892	8,521	-19.6
Computer and office equipment	7,508	7,571	7,281	-0.8	+4.0	-0.9	7,628	7,806	7,125	7,799	-2.2
Electronic and other electrical equipment	41,671	42,161	42,796	-1.2	-1.5	+0.6	41,639	42,896	43,514	42,051	-1.0
Electrical transmission and distribution equipment and industrial apparatus	5,782	5,816	5,862	-0.6	-0.8	+1.2	5,742	5,822	5,881	6,081	-5.6
Electric lighting and wiring equipment	3,125	3,143	3,084	-0.6	+1.9	+1.6	3,125	3,143	3,084	2,991	+4.5
Communications equipment	13,198	12,950	12,904	+1.9	+0.4	+1.1	13,160	12,900	12,896	13,194	-0.3
Electronic components	14,797	15,477	16,155	-4.4	-4.2	0.0	14,930	16,183	16,790	15,142	-1.4
Transportation equipment	230,142	231,004	234,783	-0.4	-1.6	-1.4	229,800	231,301	235,929	264,891	-13.2
Aircraft, missiles, space vehicles, and parts	202,386	202,833	206,156	-0.2	-1.6	-1.4	202,057	203,014	207,219	232,908	-13.2
Shipbuilding and tanks	19,989	20,303	21,003	-1.5	-3.3	-2.5	20,068	20,364	20,987	24,029	-16.5
Instruments and related products	54,044	55,027	55,754	-1.8	-1.3	+1.0	53,779	55,115	55,844	54,794	-1.9
Search and navigation equipment	36,032	36,802	37,452	-2.1	-1.7	+1.8	35,720	36,883	37,547	37,295	-4.2
Measuring and controlling devices	9,158	9,162	9,343	0.0	-1.9	+1.0	9,158	9,162	9,343	8,874	+3.2
Medical instruments and supplies	8,107	8,290	8,163	-2.2	+1.6	-1.6	8,107	8,290	8,163	7,633	+6.2
All other durable goods	7,632	7,563	7,631	+0.9	-0.9	-0.6	7,977	8,099	8,034	8,157	-2.2
Nondurable goods industries	22,865	22,985	23,133	-0.5	-0.6	+0.8	23,080	23,218	23,315	23,007	+0.3

^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 June 93/92
	June 1993 ^p	May 1993 ^r	Apr. 1993	May- June	Apr.- May	Mar.- Apr.	June 1993 ^p	May 1993 ^r	Apr. 1993	June 1992	
All manufacturing industries	381,362	381,591	380,307	-0.1	+0.3	+0.2	379,587	383,932	382,062	381,052	-0.4
Manufacturing industries with unfilled orders	251,326	251,705	250,732	-0.2	+0.4	+0.1	251,447	254,302	252,355	258,191	-2.6
without defense capital goods	352,869	352,921	351,799	0.0	+0.3	+0.3	350,812	354,937	353,433	347,736	+0.9
Durable goods industries	237,542	237,734	237,043	-0.1	+0.3	+0.1	236,927	239,823	238,331	242,887	-2.5
With unfilled orders	218,166	218,427	217,578	-0.1	+0.4	0.0	218,013	220,543	218,745	224,725	-3.0
Stone, clay, and glass products	7,687	7,724	7,757	-0.5	-0.4	-0.3	7,717	7,878	7,931	7,913	-2.5
Primary metals	19,112	19,206	19,123	-0.5	+0.4	-1.1	19,045	19,250	19,119	19,767	-3.7
Blast furnaces, steel mills	9,390	9,444	9,409	-0.6	+0.4	-1.9	9,221	9,352	9,262	9,796	-5.9
Iron and steel foundries	1,375	1,389	1,383	-1.0	+0.4	-0.8	1,394	1,425	1,425	1,422	-2.0
Nonferrous and other primary metals	8,347	8,373	8,331	-0.3	+0.5	-0.3	8,430	8,473	8,432	8,549	-1.4
Fabricated metal products	23,093	23,128	23,123	-0.2	0.0	-0.8	23,330	23,418	23,399	23,859	-2.2
Industrial machinery and equipment	45,071	44,805	44,773	+0.6	+0.1	+0.7	44,569	45,262	44,838	45,591	-2.2
Engines and turbines	3,542	3,552	3,562	-0.3	-0.3	+1.7	3,524	3,615	3,591	3,313	+6.4
Farm and garden machinery	2,105	2,098	2,194	+0.3	-4.4	-5.7	2,033	2,072	2,191	2,253	-9.8
Construction, mining and material handling equipment	5,873	5,863	5,899	+0.2	-0.6	-1.1	5,902	5,928	5,979	6,082	-3.0
Metalworking machinery	5,231	5,171	5,179	+1.2	-0.2	-0.2	5,179	5,199	5,214	5,383	-3.8
Computer and office equipment	10,277	10,130	9,904	+1.5	+2.3	+3.3	9,876	10,319	9,761	9,952	-0.8
Electronic and other electrical equipment	32,527	32,621	32,258	-0.3	+1.1	+1.1	32,865	33,335	32,621	31,834	+3.2
Electrical transmission and distribution equipment and industrial apparatus	4,364	4,380	4,394	-0.4	-0.3	+0.5	4,392	4,459	4,461	4,551	-3.5
Household appliances	2,566	2,614	2,599	-1.8	+0.6	+2.1	2,679	2,831	2,759	2,667	+0.4
Electric lighting and wiring equipment	2,863	2,860	2,863	+0.1	-0.1	-0.3	2,955	2,937	2,906	3,025	-2.3
Household audio and video equipment	1,143	1,097	1,051	+4.2	+4.4	-0.1	1,191	1,105	1,030	1,225	-2.8
Communications equipment	8,272	8,292	8,113	-0.2	+2.2	+2.2	8,282	8,470	8,203	7,234	+14.5
Electronic components	9,943	10,007	9,899	-0.6	+1.1	+0.9	9,963	10,079	9,873	9,607	+3.7
Transportation equipment	65,349	65,642	65,434	-0.4	+0.3	-0.7	64,541	65,573	65,573	69,591	-7.3
Motor vehicles and parts	11,533	11,478	11,414	+0.5	+0.6	+0.5	10,948	11,089	11,318	11,442	-4.3
Aircraft, missiles, space vehicles, and parts	49,377	49,809	49,640	-0.9	+0.3	-1.0	49,154	50,138	49,877	53,774	-8.6
Shipbuilding and tanks	1,884	1,815	1,807	+3.8	+0.4	-1.8	1,919	1,822	1,813	2,037	-5.8
Instruments and related products	22,781	22,776	22,898	0.0	-0.5	-0.4	22,905	23,071	23,094	23,724	-3.5
Search and navigation equipment	6,016	6,064	6,153	-0.8	-1.4	-1.2	6,042	6,126	6,198	7,352	-17.8
Measuring and controlling devices	6,617	6,607	6,662	+0.2	-0.8	+0.2	6,637	6,677	6,696	6,663	-0.4
Medical instruments and supplies	6,366	6,346	6,336	+0.3	+0.2	+0.4	6,366	6,418	6,362	6,191	+2.8
Photographic goods	2,997	2,978	2,975	+0.6	+0.1	-1.7	3,048	3,044	3,040	2,768	+10.1
All other durable goods	21,922	21,832	21,677	+0.4	+0.7	+2.4	21,955	22,036	21,756	20,608	+6.5
Nondurable goods industries	143,820	143,857	143,264	0.0	+0.4	+0.4	142,660	144,109	143,731	138,165	+3.3
With unfilled orders	33,160	33,278	33,154	-0.4	+0.4	+0.5	33,434	33,759	33,610	33,466	-0.1
Food and kindred products	30,343	30,177	30,073	+0.6	+0.3	+0.5	28,860	28,927	29,210	28,166	+2.5
Meat products	3,087	3,087	3,059	0.0	+0.9	+0.4	3,099	3,130	3,128	2,810	+10.3
Dairy products	2,823	2,887	2,763	-2.2	+4.5	+2.8	2,919	2,959	2,793	2,872	+1.6
Beverages	5,337	5,344	5,331	-0.1	+0.2	+1.5	5,316	5,341	5,370	5,291	+0.5
All other foods, except fats and oils	17,621	17,425	17,448	+1.1	-0.1	0.0	16,106	16,100	16,419	15,796	+2.0
Tobacco products	6,828	6,732	6,558	+1.4	+2.7	-2.1	6,418	6,528	6,697	5,978	+7.4
Textile mill products	9,184	9,308	9,279	-1.3	+0.3	+0.9	9,256	9,622	9,457	8,999	+2.9
Broadwoven fabrics and other textiles	5,249	5,377	5,358	-2.4	+0.4	+1.0	5,212	5,504	5,450	5,203	+0.2
Paper and allied products	13,476	13,513	13,495	-0.3	+0.1	+0.2	13,538	13,768	13,800	13,615	-0.6
Pulp, paper, and paperboard mill products	5,622	5,620	5,611	0.0	+0.2	+0.5	5,644	5,735	5,724	5,736	-1.6
Paperboard containers and boxes	3,245	3,239	3,239	+0.2	0.0	-0.9	3,239	3,241	3,272	3,259	-0.6
Miscellaneous converted paper products	4,609	4,654	4,645	-1.0	+0.2	+0.6	4,655	4,792	4,804	4,620	+0.8
Chemicals and allied products	34,975	35,053	34,877	-0.2	+0.5	0.0	34,714	35,239	35,240	33,598	+3.3
Industrial chemicals	17,118	17,208	17,198	-0.5	+0.1	+0.4	17,050	17,218	17,306	17,149	-0.6
Drugs, soaps, and toiletries	13,496	13,462	13,272	+0.3	+1.4	-1.0	13,590	13,736	13,368	12,540	+8.4
Petroleum and coal products	11,402	11,619	11,869	-1.9	-2.1	+1.6	11,445	11,748	11,740	11,945	-4.2
Rubber and plastics products	12,100	12,087	11,940	+0.1	+1.2	+0.9	12,004	12,197	12,108	11,197	+7.2
All other nondurable goods	25,512	25,368	25,173	+0.6	+0.8	+0.7	26,425	26,080	25,479	24,667	+7.1

^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 June 93/92	Year to date	
	June 1993 ^p	May 1993 ^r	Apr. 1993	May- June	Apr.- May	Mar.- Apr.	June 1993 ^p	May 1993 ^r	Apr. 1993	June 1992		1993 ^p	1992
SHIPMENTS													
All manufacturing industries	258,653	254,007	255,114	+1.8	-0.4	-1.5	278,170	256,332	253,519	264,336	+5.2	1,536,894	1,447,106
Market categories :													
Automotive equipment	11,886	11,470	11,702	+3.6	-2.0	-2.6	12,864	12,809	12,620	10,683	+20.4	74,207	60,846
Home goods and apparel	17,675	17,476	17,163	+1.1	+1.8	-0.7	18,594	16,209	16,080	16,342	+13.8	100,919	88,933
Consumer staples	57,157	55,941	56,955	+2.2	-1.8	-1.1	60,198	55,987	54,718	59,011	+2.0	336,006	323,533
Machinery and equipment	43,977	42,981	42,712	+2.3	+0.6	-2.9	49,661	43,429	42,371	45,820	+8.4	261,343	237,766
Business supplies	19,589	19,539	19,493	+0.3	+0.2	-0.9	20,175	19,496	19,852	19,917	+1.3	116,389	113,258
Construction materials and supplies	16,412	16,399	16,263	+0.1	+0.8	-0.7	18,117	16,906	16,340	16,891	+7.3	97,236	89,659
Defense products	7,855	7,551	7,698	+4.0	-1.9	-3.2	8,330	7,375	7,275	8,559	-2.7	45,152	48,001
Other materials, supplies and and intermediate products	84,102	82,650	83,128	+1.8	-0.6	-1.1	90,231	84,121	84,263	87,113	+3.6	505,642	485,110
Durable goods industries :													
Nondefense capital goods ³	33,438	32,703	32,235	+2.2	+1.5	-3.8	38,679	31,782	30,813	36,924	+4.8	195,774	183,993
Excluding aircraft and parts	27,252	27,083	26,706	+0.6	+1.4	-3.8	31,488	26,319	25,367	29,214	+7.8	161,690	145,788
Defense capital goods ⁴	7,565	7,388	7,509	+2.4	-1.6	-3.1	8,047	7,189	6,988	8,503	-5.4	43,640	47,190
Durables excluding capital goods	94,409	92,216	93,019	+2.4	-0.9	-1.3	101,879	95,926	95,367	92,741	+9.9	568,569	515,511
Miscellaneous series :													
Producers' durable equipment	85,923	84,087	84,265	+2.2	-0.2	-2.5	95,364	86,279	84,596	87,218	+9.3	516,727	465,823
Household durable goods	7,330	7,211	7,162	+1.7	+0.7	-1.3	7,661	6,888	6,915	7,067	+8.4	42,623	39,669
Information technology industries	14,840	14,702	14,534	+0.9	+1.2	-3.2	17,851	13,826	12,875	16,619	+7.4	86,494	79,607
Health care equipment and products	8,256	7,804	8,036	+5.8	-2.9	-2.9	8,812	7,407	7,771	8,412	+4.8	48,296	46,565
NEW ORDERS													
All manufacturing industries	254,769	248,335	252,369	+2.6	-1.6	-0.3	271,444	250,090	251,370	259,968	+4.4	1,522,932	1,436,052
Market categories :													
Automotive equipment	11,881	11,529	11,685	+3.1	-1.3	-2.5	12,809	12,866	12,609	10,624	+20.6	74,263	60,858
Home goods and apparel	17,784	17,355	17,113	+2.5	+1.4	-0.8	18,706	16,188	16,313	16,468	+13.6	103,139	90,499
Consumer staples	57,140	56,014	56,942	+2.0	-1.6	-1.2	60,252	55,980	54,703	59,071	+2.0	335,993	323,467
Machinery and equipment	44,133	40,618	40,796	+8.7	-0.4	+2.6	49,327	41,347	40,510	43,919	+12.3	251,730	234,506
Business supplies	19,524	19,496	19,419	+0.1	+0.4	-0.6	20,101	19,479	19,762	19,953	+0.7	116,278	113,325
Construction materials and supplies	16,051	16,457	16,242	-2.5	+1.3	+0.4	17,686	17,032	16,333	17,227	+2.7	97,657	90,277
Defense products	6,240	5,647	7,203	+10.5	-21.6	-7.5	5,854	4,521	6,385	7,355	-20.4	38,635	39,054
Other materials, supplies and and intermediate products	82,016	81,219	82,969	+1.0	-2.1	+0.1	86,709	82,677	84,755	85,351	+1.6	505,237	484,066
Durable goods industries :													
Nondefense capital goods ³	33,372	29,931	30,453	+11.5	-1.7	+4.6	38,097	29,221	28,926	34,666	+9.9	184,403	179,875
Excluding aircraft and parts	26,989	26,755	27,445	+0.9	-2.5	+0.4	30,709	26,202	26,001	28,586	+7.4	162,246	145,399
Defense capital goods ⁴	5,875	5,434	6,853	+8.1	-20.7	-7.5	5,466	4,297	6,034	6,918	-21.0	37,092	37,938
Durables excluding capital goods	92,401	91,418	92,532	+1.1	-1.2	-0.9	98,454	95,234	95,861	92,395	+6.6	571,507	517,197
Miscellaneous series :													
Producers' durable equipment	86,260	81,719	82,239	+5.6	-0.6	+0.3	94,577	84,116	82,968	85,542	+10.6	509,358	462,772
Household durable goods	7,284	7,148	7,215	+1.9	-0.9	+1.5	7,489	6,733	7,360	6,978	+7.3	43,680	40,670
Information technology industries	14,832	14,813	15,197	+0.1	-2.5	+5.9	17,740	14,345	13,524	16,104	+10.2	87,199	78,297
Health care equipment and products	8,074	7,931	7,903	+1.8	+0.4	-2.6	8,630	7,534	7,638	8,115	+6.3	47,982	45,970

^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)**

(billions of dollars)

Industry	Seasonally adjusted						Not seasonally adjusted				
	Monthly			Percent Change			Monthly				Percent change June 93/92
	June 1993 ^p	May 1993 ^r	Apr. 1993	May- June	Apr.- May	Mar.- Apr.	June 1993 ^p	May 1993 ^r	Apr. 1993	June 1992	
UNFULFILLED ORDERS											
All manufacturing industries	458,262	462,146	467,818	-0.8	-1.2	-0.6	458,224	464,950	471,192	496,713	-7.7
Market categories :											
Automotive equipment	1,666	1,672	1,612	-0.4	+3.7	-1.0	1,641	1,696	1,639	1,683	-2.5
Home goods and apparel	10,374	10,265	10,385	+1.1	-1.2	-0.5	10,811	10,698	10,719	9,801	+10.3
Consumer staples	1,462	1,479	1,407	-1.1	+5.1	-0.9	1,425	1,372	1,379	1,275	+11.8
Machinery and equipment	187,870	187,714	190,077	+0.1	-1.2	-1.0	187,892	188,226	190,308	211,126	-11.0
Business supplies	5,585	5,650	5,693	-1.2	-0.8	-1.3	5,577	5,651	5,668	5,898	-5.4
Construction materials and supplies	14,668	15,029	14,971	-2.4	+0.4	-0.1	14,748	15,179	15,053	14,890	-1.0
Defense products	117,618	119,233	121,137	-1.4	-1.6	-0.4	116,819	119,295	122,149	128,546	-9.1
Other materials, supplies and and intermediate products	119,019	121,104	122,536	-1.7	-1.2	-0.1	119,311	122,833	124,277	123,494	-3.4
Durable goods industries :											
Nondefense capital goods ³	206,112	206,178	208,950	0.0	-1.3	-0.8	205,813	206,395	208,956	231,614	-11.1
Excluding aircraft and parts	71,115	71,378	71,706	-0.4	-0.5	+1.0	70,816	71,595	71,712	72,514	-2.3
Defense capital goods ⁴	123,911	125,601	127,555	-1.3	-1.5	-0.5	123,232	125,813	128,705	136,197	-9.5
Durables excluding capital goods	105,374	107,382	108,180	-1.9	-0.7	-0.4	106,099	109,524	110,216	105,895	+0.2
Miscellaneous series :											
Producers' durable equipment	211,228	210,891	213,259	+0.2	-1.1	-0.9	211,005	211,792	213,955	233,575	-9.7
Household durable goods	5,283	5,329	5,392	-0.9	-1.2	+1.0	5,483	5,655	5,810	5,407	+1.4
Information technology industries	31,683	31,691	31,580	0.0	+0.4	+2.1	31,821	31,932	31,413	31,458	+1.2
Health care equipment and products	8,136	8,319	8,192	-2.2	+1.6	-1.6	8,137	8,319	8,192	7,663	+6.2
TOTAL INVENTORIES											
All manufacturing industries	381,362	381,591	380,307	-0.1	+0.3	+0.2	379,587	383,932	382,062	381,052	-0.4
Market categories :											
Automotive equipment	6,218	6,204	6,207	+0.2	0.0	+0.7	5,987	6,121	6,211	5,980	+0.1
Home goods and apparel	30,148	29,985	29,688	+0.5	+1.0	+1.0	31,289	31,232	30,171	28,906	+8.2
Consumer staples	59,692	59,598	59,201	+0.2	+0.7	+0.1	58,136	58,659	58,610	56,160	+3.5
Machinery and equipment	88,368	88,354	88,104	0.0	+0.3	+0.2	87,591	89,281	88,659	87,938	-0.4
Business supplies	21,500	21,682	21,606	-0.8	+0.4	+1.0	21,466	21,756	21,766	21,842	-1.7
Construction materials and supplies	23,397	23,300	23,354	+0.4	-0.2	+0.6	23,619	23,648	23,694	23,024	+2.6
Defense products	26,930	27,186	26,947	-0.9	+0.9	-0.6	27,122	27,498	27,052	30,940	-12.3
Other materials, supplies and and intermediate products	125,109	125,282	125,200	-0.1	+0.1	0.0	124,377	125,737	125,899	126,262	-1.5
Durable goods industries :											
Nondefense capital goods ³	83,132	83,152	82,893	0.0	+0.3	+0.3	82,372	84,065	83,324	83,588	-1.5
Excluding aircraft and parts	55,191	54,892	54,541	+0.5	+0.6	+1.2	54,952	55,773	54,847	55,057	-0.2
Defense capital goods ⁴	28,493	28,670	28,508	-0.6	+0.6	-0.9	28,775	28,995	28,629	33,316	-13.6
Durables excluding capital goods	125,917	125,912	125,642	0.0	+0.2	+0.1	125,780	126,763	126,378	125,983	-0.2
Miscellaneous series :											
Producers' durable equipment	142,333	142,303	141,801	0.0	+0.4	+0.5	141,531	143,661	142,662	142,561	-0.7
Household durable goods	13,373	13,358	13,129	+0.1	+1.7	+1.3	13,690	13,767	13,277	13,275	+3.1
Information technology industries	29,250	29,055	28,699	+0.7	+1.2	+1.5	28,930	29,581	28,759	28,088	+3.0
Health care equipment and products	13,692	13,655	13,542	+0.3	+0.8	-0.3	13,740	13,873	13,620	13,002	+5.7

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 June 93/92
	June 1993 ^p	May 1993 ^r	Apr. 1993	May- June	Apr.- May	Mar.- Apr.	June 1993 ^p	May 1993 ^r	Apr. 1993	June 1992	
MATERIALS AND SUPPLIES											
All manufacturing industries	121,071	121,366	120,761	-0.2	+0.5	+0.5	119,891	120,645	120,339	120,510	-0.5
Durable goods industries	68,120	68,401	68,089	-0.4	+0.5	+0.3	67,457	67,985	67,481	68,831	-2.0
Stone, clay, and glass products	2,524	2,497	2,490	+1.1	+0.3	+0.4	2,518	2,477	2,459	2,454	+2.6
Primary metals	6,222	6,187	6,254	+0.6	-1.1	-0.1	6,107	5,995	6,064	6,145	-0.6
Fabricated metal products	7,695	7,595	7,645	+1.3	-0.7	-4.5	7,683	7,523	7,554	8,152	-5.8
Industrial machinery and equipment	14,459	14,616	14,366	-1.1	+1.7	+2.8	14,279	14,549	14,232	13,293	+7.4
Electronic and other											
electrical equipment	10,384	10,364	10,305	+0.2	+0.6	0.0	10,332	10,461	10,343	10,300	+0.3
Transportation equipment	11,605	12,047	12,034	-3.7	+0.1	-0.4	11,471	12,070	12,063	13,588	-15.6
Instruments and related products	6,745	6,828	6,856	-1.2	-0.4	+0.4	6,791	6,874	6,861	6,926	-1.9
Lumber, furniture and											
miscellaneous durable goods	8,486	8,267	8,139	+2.6	+1.6	+2.7	8,276	8,036	7,905	7,973	+3.8
Nondurable goods industries	52,951	52,965	52,672	0.0	+0.6	+0.7	52,434	52,660	52,858	51,679	+1.5
Food and kindred products	10,298	10,086	10,094	+2.1	-0.1	+0.5	10,085	9,951	10,191	9,854	+2.3
Tobacco products	5,324	5,297	5,252	+0.5	+0.9	-0.3	5,056	5,176	5,287	4,890	+3.4
Textile mill products	2,614	2,639	2,552	-0.9	+3.4	-1.9	2,644	2,698	2,580	2,675	-1.2
Paper and allied products	6,717	6,723	6,724	-0.1	0.0	-0.2	6,704	6,715	6,774	6,778	-1.1
Chemicals and allied products	11,571	11,743	11,671	-1.5	+0.6	+0.8	11,569	11,707	11,632	11,539	+0.3
Petroleum and coal products	3,228	3,285	3,260	-1.7	+0.8	+1.1	3,238	3,326	3,255	3,258	-0.6
Rubber and plastics products	4,409	4,450	4,407	-0.9	+1.0	+1.3	4,319	4,408	4,399	4,292	+0.6
Apparel, printing and publishing											
and leather goods	8,790	8,742	8,712	+0.5	+0.3	+2.2	8,819	8,679	8,740	8,393	+5.1
WORK IN PROCESS											
All manufacturing industries	129,552	129,032	128,770	+0.4	+0.2	-0.3	129,028	129,714	129,563	132,119	-2.3
Durable goods industries	106,436	106,042	105,671	+0.4	+0.4	-0.4	106,206	106,735	106,279	109,856	-3.3
Stone, clay, and glass products	1,126	1,123	1,135	+0.3	-1.1	-0.7	1,135	1,154	1,182	1,169	-2.9
Primary metals	6,835	6,913	6,961	-1.1	-0.7	-3.4	6,892	7,002	7,049	7,566	-8.9
Fabricated metal products	7,646	7,653	7,616	-0.1	+0.5	-0.3	7,619	7,688	7,662	7,707	-1.1
Industrial machinery and equipment	17,446	17,164	17,122	+1.6	+0.2	+0.6	17,367	17,447	17,219	18,224	-4.7
Electronic and other											
electrical equipment	13,730	13,811	13,616	-0.6	+1.4	+1.2	13,758	14,010	13,760	12,498	+10.1
Transportation equipment	45,076	44,935	44,745	+0.3	+0.4	-1.0	44,779	44,887	44,852	47,583	-5.9
Instruments and related products	9,979	9,853	9,956	+1.3	-1.0	-0.2	10,016	9,921	10,003	10,926	-8.3
Lumber, furniture and											
miscellaneous durable goods	4,598	4,590	4,520	+0.2	+1.5	+1.7	4,640	4,626	4,552	4,183	+10.9
Nondurable goods industries	23,116	22,990	23,099	+0.5	-0.5	-0.1	22,822	22,979	23,284	22,263	+2.5
Food and kindred products	3,750	3,692	3,716	+1.6	-0.6	-0.7	3,503	3,469	3,607	3,378	+3.7
Tobacco products	188	179	165	+5.0	+8.5	+9.3	139	142	135	79	+75.9
Textile mill products	2,424	2,462	2,468	-1.5	-0.2	+2.9	2,427	2,522	2,492	2,411	+0.7
Paper and allied products	1,224	1,223	1,220	+0.1	+0.2	+1.2	1,249	1,225	1,244	1,230	+1.5
Chemicals and allied products	5,652	5,528	5,537	+2.2	-0.2	-1.8	5,628	5,644	5,663	5,328	+5.6
Petroleum and coal products	2,588	2,693	2,816	-3.9	-4.4	+1.0	2,609	2,710	2,823	2,961	-11.9
Rubber and plastics products	1,746	1,701	1,688	+2.6	+0.8	+1.7	1,689	1,685	1,688	1,555	+8.6
Apparel, printing and publishing											
and leather goods	5,544	5,512	5,489	+0.6	+0.4	-1.0	5,578	5,582	5,632	5,321	+4.8
FINISHED GOODS											
All manufacturing industries	130,739	131,193	130,776	-0.3	+0.3	+0.5	130,668	133,573	132,160	128,423	+1.7
Durable goods industries	62,986	63,291	63,283	-0.5	0.0	+0.6	63,264	65,103	64,571	64,200	-1.5
Stone, clay, and glass products	4,037	4,104	4,132	-1.6	-0.7	-0.7	4,064	4,247	4,290	4,290	-5.3
Primary metals	6,055	6,106	5,908	-0.8	+3.4	+0.5	6,046	6,253	6,006	6,056	-0.2
Fabricated metal products	7,752	7,880	7,862	-1.6	+0.2	+2.6	8,028	8,207	8,183	8,000	+0.3
Industrial machinery and equipment	13,166	13,025	13,285	+1.1	-2.0	-1.5	12,923	13,266	13,387	14,074	-8.2
Electronic and other											
electrical equipment	8,413	8,446	8,337	-0.4	+1.3	+2.4	8,775	8,864	8,518	9,036	-2.9
Transportation equipment	8,668	8,660	8,655	+0.1	+0.1	+0.6	8,291	8,616	8,658	8,420	-1.5
Instruments and related products	6,057	6,095	6,086	-0.6	+0.1	-1.4	6,098	6,276	6,230	5,872	+3.8
Lumber, furniture and											
miscellaneous durable goods	8,838	8,975	9,018	-1.5	-0.5	+2.4	9,039	9,374	9,299	8,452	+6.9
Nondurable goods industries	67,753	67,902	67,493	-0.2	+0.6	+0.4	67,404	68,470	67,589	64,223	+5.0
Food and kindred products	16,295	16,399	16,263	-0.6	+0.8	+0.8	15,272	15,507	15,412	14,934	+2.3
Tobacco products	1,316	1,256	1,141	+4.8	+10.1	-10.8	1,223	1,210	1,275	1,009	+21.2
Textile mill products	4,146	4,207	4,259	-1.4	-1.2	+1.6	4,185	4,402	4,385	3,913	+7.0
Paper and allied products	5,535	5,567	5,551	-0.6	+0.3	+0.5	5,585	5,828	5,782	5,607	-0.4
Chemicals and allied products	17,752	17,782	17,669	-0.2	+0.6	0.0	17,517	17,888	17,945	16,731	+4.7
Petroleum and coal products	5,586	5,641	5,793	-1.0	-2.6	+2.2	5,598	5,712	5,662	5,726	-2.2
Rubber and plastics products	5,945	5,936	5,845	+0.2	+1.6	+0.3	5,996	6,104	6,021	5,350	+12.1
Apparel, printing and publishing											
and leather goods	11,178	11,114	10,972	+0.6	+1.3	+0.3	12,028	11,819	11,107	10,953	+9.8

^p Preliminary. ^r Revised.

Table 8. RATIOS OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFULFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP
(Based on seasonally adjusted data)

Industry	Inventory / Shipments ratio				Unfilled Orders / Shipments ratio ¹			
	June 1993 ^p	May 1993 ^r	Apr. 1993	Mar. 1993	June 1993 ^p	May 1993 ^r	Apr. 1993	Mar. 1993
All manufacturing industries	1.47	1.50	1.49	1.47	3.33	3.42	3.46	3.42
Durable goods industries	1.75	1.80	1.79	1.75	4.01	4.15	4.20	4.14
Stone, clay, and glass products	1.33	1.35	1.33	1.39	1.34	1.41	1.36	1.41
Primary metals	1.65	1.72	1.68	1.66	1.95	2.07	2.05	2.02
Fabricated metal products	1.61	1.64	1.66	1.65	1.65	1.71	1.74	1.74
Industrial machinery and equipment	1.95	1.93	1.95	1.87	2.33	2.33	2.38	2.26
Electronic and other electrical equipment	1.67	1.73	1.73	1.70	2.14	2.24	2.30	2.27
Transportation equipment	1.82	1.92	1.86	1.82	12.06	12.84	12.56	12.33
Instruments and related products	2.12	2.16	2.18	2.16	5.02	5.21	5.30	5.19
Nondurable goods industries	1.17	1.18	1.17	1.16	0.78	0.78	0.79	0.78
Food and kindred products	0.88	0.90	0.88	0.88	(X)	(X)	(X)	(X)
Tobacco products	2.56	2.61	2.46	2.27	(X)	(X)	(X)	(X)
Textile mill products	1.54	1.59	1.60	1.60	(NA)	(NA)	(NA)	(NA)
Paper and allied products	1.26	1.24	1.26	1.24	(NA)	(NA)	(NA)	(NA)
Chemicals and allied products	1.31	1.36	1.34	1.32	(X)	(X)	(X)	(X)
Petroleum and coal products	0.90	0.89	0.91	0.88	(X)	(X)	(X)	(X)
Rubber and plastics products	1.39	1.40	1.40	1.36	(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		
	June ¹ 1993	June ² 1988-1992	June 1992-May 1993	June ¹ 1993	June ² 1988-1992	June 1992-May 1993	June ¹ 1993	June ² 1988-1992	June 1992-May 1993	June ¹ 1993	June ² 1988-1992	June 1992-May 1993
All manufacturing industries	(X)	0.1	0.2	(X)	0.1	0.2	(X)	0.1	0.1	(X)	0.1	0.0
Durable goods industries	0.0	0.1	0.3	0.0	0.4	0.3	-0.1	0.1	0.1	(X)	0.1	0.1
Stone, clay, and glass products	(X)	0.6	0.6	(X)	1.0	1.0	(X)	0.6	0.5	(X)	0.4	0.2
Primary metals	0.3	0.4	0.3	0.5	0.7	1.0	0.1	0.3	0.3	(X)	0.3	0.1
Fabricated metal products	(X)	0.6	0.3	(X)	1.4	0.7	(X)	0.5	0.4	(X)	0.1	0.2
Industrial machinery and equipment	0.1	0.5	0.5	-0.4	0.8	0.5	-0.2	0.2	0.1	(X)	0.2	0.1
Electronic and other electrical equipment	0.3	0.2	0.4	1.2	0.7	0.4	0.4	0.1	0.1	(X)	0.2	0.1
Transportation equipment	0.1	0.4	0.7	0.0	1.0	0.9	0.0	0.1	0.1	(X)	0.2	0.1
Instruments and related products	(X)	0.3	0.4	(X)	0.7	0.9	(X)	0.3	0.1	(X)	0.1	0.2
Nondurable goods industries	(X)	0.2	0.1	(X)	0.4	0.1	(X)	0.9	0.4	(X)	0.1	0.1
Food and kindred products	(X)	0.4	0.1	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.1
Tobacco products	(X)	0.2	0.3	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.1
Textile mill products	(X)	1.3	0.5	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	0.5	0.2
Paper and allied products	(X)	0.7	0.3	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	0.8	0.4
Chemicals and allied products	(X)	0.6	0.2	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.3	0.2
Petroleum and coal products	(X)	0.5	0.3	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.5	0.2
Rubber and plastics products	(X)	1.1	0.3	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.4	0.2
Capital goods industries :												
Nondefense	0.1	0.3	0.5	0.1	1.2	0.5	0.0	0.4	0.1	(X)	0.1	0.1
Defense	0.3	0.9	0.6	0.0	2.3	1.6	0.0	0.1	0.1	(X)	0.3	0.2

(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.

Table A. REVISED 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	
	Mar. 1993	Feb. 1993	Jan. 1993	Feb.-Mar.	Jan.-Feb.	Dec.-Jan.	Mar. 1993	Feb. 1993	Jan. 1993	Mar. 1992		1993	1992
All manufacturing industries	253,007	257,250	253,626	-1.6	+1.4	-1.2	264,583	254,237	231,208	249,846	+5.9	750,028	694,901
Manufacturing industries with unfilled orders	131,600	136,116	134,440	-3.3	+1.2	-2.2	139,965	134,927	122,390	136,062	+2.9	397,282	374,299
without defense capital goods	245,596	250,889	244,814	-2.1	+2.5	-1.7	256,275	248,735	223,723	242,246	+5.8	728,733	675,333
Durable goods industries	129,903	134,533	131,266	-3.4	+2.5	-2.3	139,127	134,067	118,218	130,088	+6.9	391,412	355,072
With unfilled orders	102,563	106,627	104,597	-3.8	+1.9	-2.8	110,166	105,388	94,472	106,044	+3.9	310,026	289,188
Transportation equipment	32,225	35,552	32,636	-9.4	+8.9	-6.8	35,577	35,832	27,747	34,634	+2.7	99,156	88,917
Aircraft, missiles, space vehicles, and parts.	6,340	9,471	6,334	-33.1	+49.5	-29.3	7,947	8,604	3,968	12,435	-36.1	20,519	27,313

Table B. REVISED 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	
	Dec. 1992	Nov. 1992	Oct. 1992	Nov.-Dec.	Oct.-Nov.	Sep.-Oct.	Dec. 1992	Nov. 1992	Oct. 1992	Dec. 1991		1992	1991
All manufacturing industries	256,727	243,106	244,882	+5.6	-0.7	+1.7	250,087	242,949	254,210	225,220	+11.0	2,898,545	2,812,243
Manufacturing industries with unfilled orders	137,395	127,747	131,153	+7.6	-2.6	+3.8	139,441	127,915	134,842	124,905	+11.6	1,541,111	1,513,079
without defense capital goods	249,135	236,486	237,468	+5.3	-0.4	+0.8	239,289	234,896	246,316	213,702	+12.0	2,818,261	2,719,864
Durable goods industries	134,348	123,096	125,656	+9.1	-2.0	+4.2	132,707	122,583	130,473	114,132	+16.3	1,471,367	1,414,535
With unfilled orders	107,620	98,306	101,718	+9.5	-3.4	+4.4	110,699	98,407	104,185	96,953	+14.2	1,192,554	1,166,871
Transportation equipment	35,003	28,290	31,891	+23.7	-11.3	+18.0	34,036	29,344	34,829	27,851	+22.2	363,255	359,827
Aircraft, missiles, space vehicles, and parts.	8,963	5,253	9,501	+70.6	-44.7	+41.7	12,342	6,169	9,624	12,855	-4.0	103,776	131,477

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

Table C. REVISED VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS
(Millions of dollars)

Industry	Seasonally adjusted						Not seasonally adjusted				
	Monthly			Percent Change			Monthly				Percent change Mar. 93/92
	Mar. 1993	Feb. 1993	Jan. 1993	Feb.- Mar.	Jan.- Feb.	Dec.- Jan.	Mar. 1993	Feb. 1993	Jan. 1993	Mar. 1992	
All manufacturing industries	470,563	476,535	476,085	-1.3	+0.1	+0.2	473,341	478,551	476,613	505,663	-6.4
Manufacturing industries: without defense capital goods	342,352	347,983	346,138	-1.6	+0.5	-0.1	343,682	349,136	345,335	363,768	-5.5
Durable goods industries	447,610	453,244	452,844	-1.2	+0.1	+0.1	450,224	455,596	454,071	482,227	-6.6
Transportation equipment	238,165	242,204	242,639	-1.7	-0.2	-1.1	239,322	242,530	243,366	269,048	-11.0
Aircraft, missiles, space vehicles, and parts	208,990	212,652	212,866	-1.7	-0.1	-1.7	210,126	212,943	213,589	237,382	-11.5

Table D. REVISED VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR INDUSTRY GROUPS
(Millions of dollars)

Industry	Seasonally adjusted						Not seasonally adjusted				
	Monthly			Percent Change			Monthly				Percent change Dec. 92/91
	Dec. 1992	Nov. 1992	Oct. 1992	Nov.- Dec.	Oct.- Nov.	Sep.- Oct.	Dec. 1992	Nov. 1992	Oct. 1992	Dec. 1991	
All manufacturing industries	475,304	475,186	480,605	+0.0	-1.1	-0.1	472,186	471,455	477,677	507,767	-7.0
Manufacturing industries: without defense capital goods	346,577	346,238	350,659	+0.1	-1.3	-0.1	342,406	342,463	348,625	362,318	-5.5
Durable goods industries	452,383	452,263	457,887	+0.0	-1.2	-0.2	450,125	449,259	455,010	485,390	-7.3
Transportation equipment	245,267	246,649	252,477	-0.6	-2.3	-0.4	245,846	246,853	251,888	273,883	-10.2
Aircraft, missiles, space vehicles, and parts	216,462	218,215	223,489	-0.8	-2.4	-0.3	217,176	218,487	222,968	241,378	-10.0

Table E. REVISED VALUE OF MANUFACTURERS' NEW ORDERS FOR TOPICAL SERIES¹
(Millions of dollars)

Industry	Seasonally adjusted						Not seasonally adjusted ²						
	Monthly			Percent Change			Monthly				Percent change	Year to date	
	Mar. 1993	Feb. 1993	Jan. 1993	Feb.-Mar.	Jan.-Feb.	Dec.-Jan.	Mar. 1993	Feb. 1993	Jan. 1993	Mar. 1992		1993	1992
NEW ORDERS													
All manufacturing industries	253,007	257,250	253,626	-1.6	+1.4	-1.2	264,583	254,237	231,208	249,846	+5.9	750,028	694,901
Market categories :													
Machinery and equipment	39,772	43,408	39,546	-8.4	+9.8	-7.3	43,806	42,641	34,099	43,456	+0.8	120,546	112,798
Durable goods industries :													
Nondefense capital goods ³	29,122	32,748	28,645	-11.1	+14.3	-11.2	32,662	31,526	23,971	34,773	-6.1	88,159	87,670

Table F. REVISED VALUE OF MANUFACTURERS' NEW ORDERS FOR TOPICAL SERIES¹
(Millions of dollars)

Industry	Seasonally adjusted						Not seasonally adjusted ²						
	Monthly			Percent Change			Monthly				Percent change	Year to date	
	Dec. 1992	Nov. 1992	Oct. 1992	Nov.-Dec.	Oct.-Nov.	Sep.-Oct.	Dec. 1992	Nov. 1992	Oct. 1992	Dec. 1991		1992	1991
NEW ORDERS													
All manufacturing industries	256,727	243,106	244,882	+5.6	-0.7	+1.7	250,087	242,949	254,210	225,220	+11.0	2,898,545	2,812,243
Market categories :													
Machinery and equipment	42,660	36,791	39,312	+16.0	-6.4	+2.0	45,233	36,196	39,738	36,962	+22.4	464,223	447,850
Durable goods industries :													
Nondefense capital goods ³	32,275	26,804	30,129	+20.4	-11.0	+1.1	36,800	26,121	29,152	30,161	+22.0	355,832	353,611

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 engine and parts; ships and tank components; railroad equipment; and search and navigation equipment.

Table G. REVISED VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR TOPICAL SERIES¹
(Millions of dollars)

Industry	Seasonally adjusted						Not seasonally adjusted				
	Monthly			Percent Change			Monthly				Percent change
	Mar. 1993	Feb. 1993	Jan. 1993	Feb.-Mar.	Jan.-Feb.	Dec.-Jan.	Mar. 1993	Feb. 1993	Jan. 1993	Mar. 1992	Mar. 93/92
UNFILLED ORDERS											
All manufacturing industries	470,563	476,535	476,085	-1.3	+0.1	+0.2	473,341	478,551	476,613	505,663	-6.4
Market categories :											
Machinery and equipment	191,992	196,200	195,330	-2.1	+0.4	-1.4	192,170	196,651	195,510	213,214	-9.9
Durable goods industries :											
Nondefense capital goods ³	210,732	215,122	214,411	-2.0	+0.3	-1.5	210,843	215,825	214,904	234,775	-10.2

Table H. REVISED VALUE OF MANUFACTURERS' UNFILLED ORDERS FOR TOPICAL SERIES¹
(Millions of dollars)

Industry	Seasonally adjusted						Not seasonally adjusted				
	Monthly			Percent Change			Monthly				Percent change
	Dec. 1992	Nov. 1992	Oct. 1992	Nov.-Dec.	Oct.-Nov.	Sep.-Oct.	Dec. 1992	Nov. 1992	Oct. 1992	Dec. 1991	Dec. 92/91
UNFILLED ORDERS											
All manufacturing industries	475,304	475,186	480,605	+0.0	-1.1	-0.1	472,186	471,455	477,677	507,767	-7.0
Market categories :											
Machinery and equipment	198,157	199,063	203,637	-0.5	-2.2	-0.5	197,505	198,744	203,357	214,388	-7.9
Durable goods industries :											
Nondefense capital goods ³	217,583	218,604	223,705	-0.5	-2.3	-0.4	217,184	218,569	223,536	235,732	-7.9

¹Topical series are regroupings of the separate industry categories.

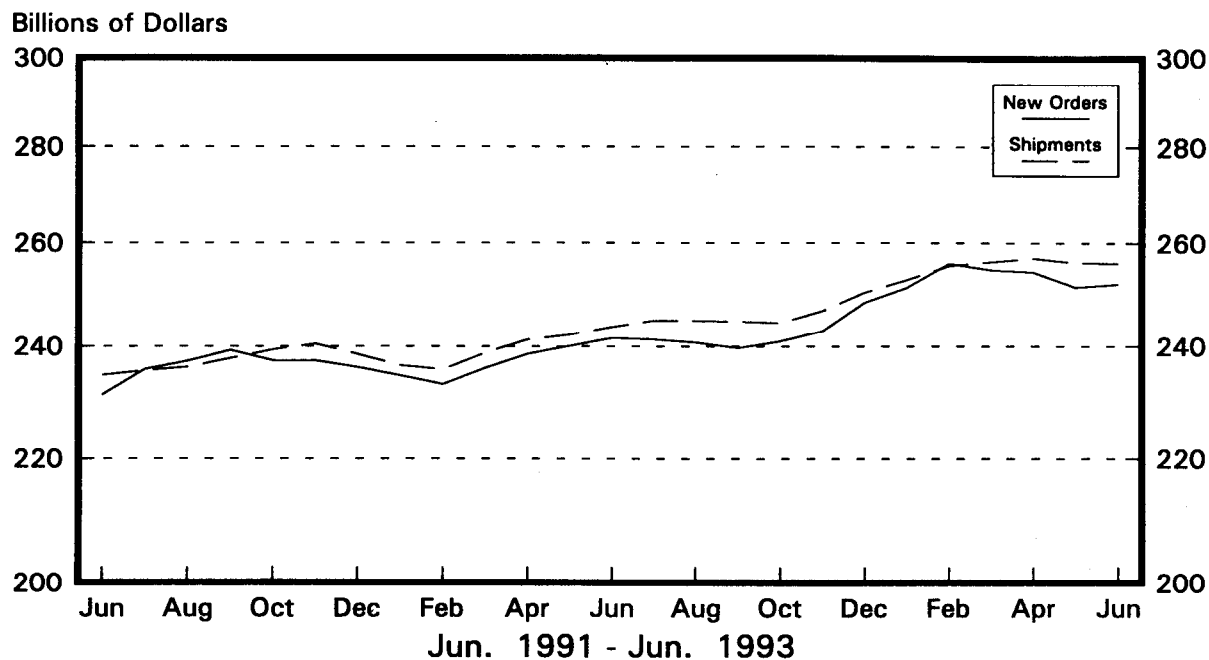
Table I. REVISED RATIOS OF MANUFACTURERS' UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP
(Based on seasonally adjusted data)

Industry	Unfilled Orders / Shipments ratio ¹					
	Mar. 1993	Feb. 1993	Jan. 1993	Dec. 1992	Nov. 1992	Oct. 1992
All manufacturing industries	3.42	3.51	3.56	3.46	3.57	3.65
Durable goods industries	4.14	4.27	4.35	4.21	4.35	4.47
Transportation equipment	12.33	12.85	13.08	12.46	12.89	13.65

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.

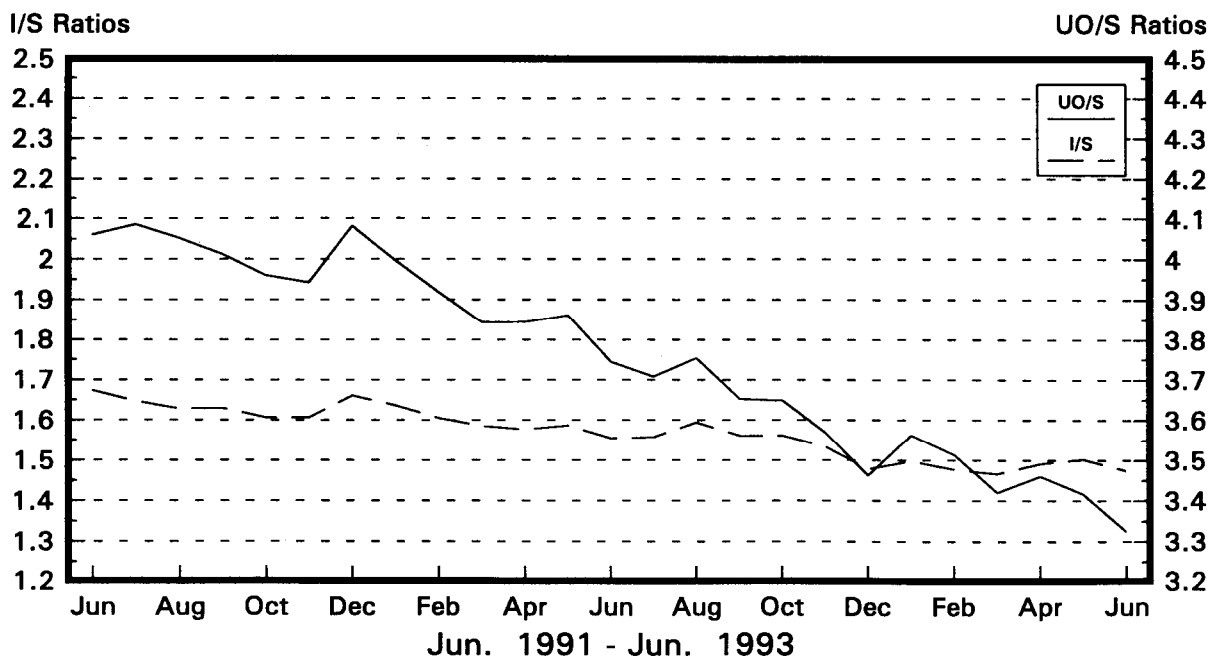
Total Manufacturing

New Orders and Shipments
Three Month Moving Averages



Total Manufacturing

Ratio of Unfilled Orders and
Inventories to Shipments



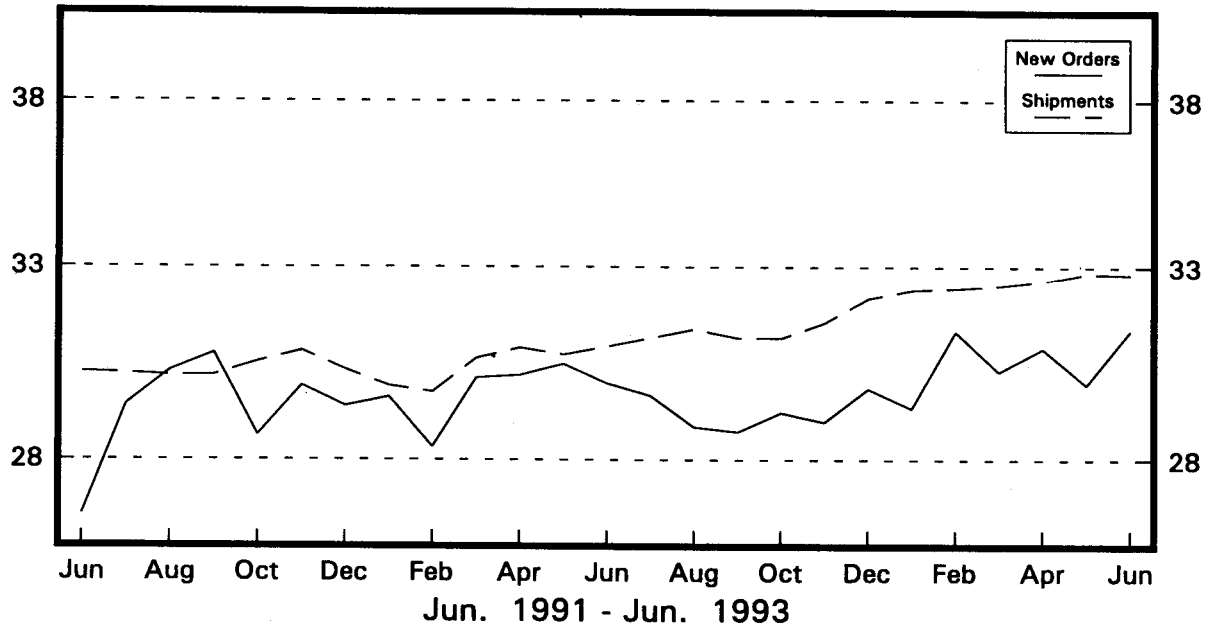
Note: All Charts based on seasonally adjusted current dollars.

Nondefense Capital Goods

15

New Orders and Shipments
Three Month Moving Averages

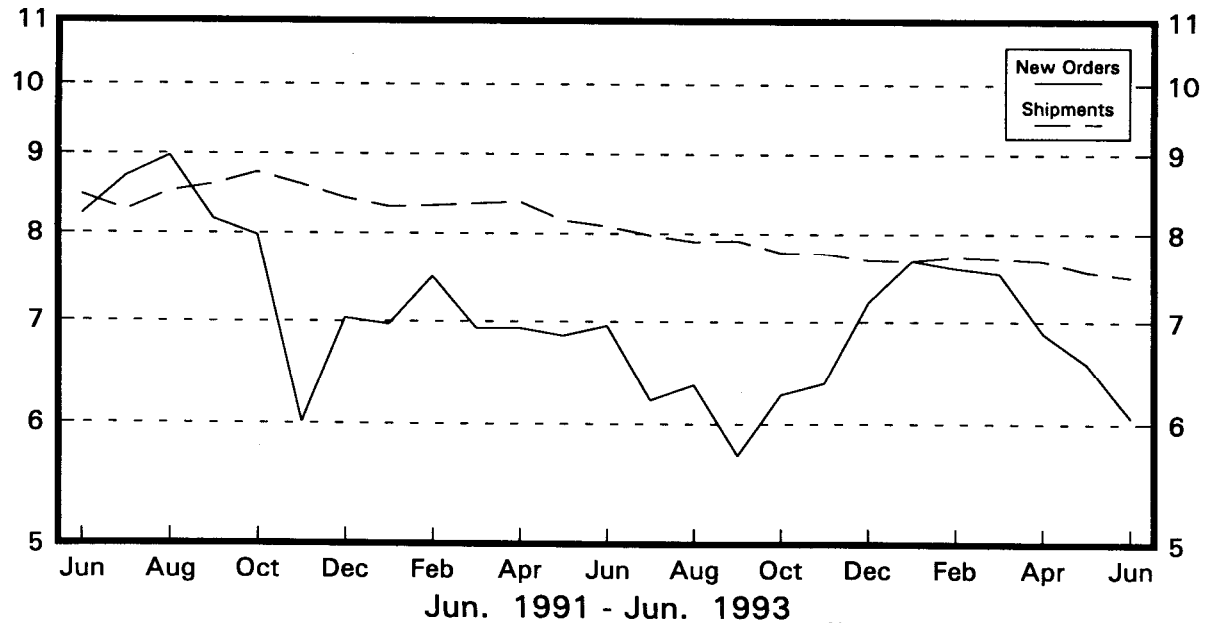
Billions of Dollars



Defense Capital Goods

New Orders and Shipments
Three Month Moving Averages

Billions of Dollars



Note: All Charts based on seasonally adjusted current dollars.