



# Manufacturers' Shipments, Inventories, and Orders

April 1993

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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 April declined \$0.8 billion or 0.3 percent to \$253.5 billion, the Department of Commerce, Bureau of the Census reported today. This follows a 1.6 percent decrease in March for the first back-to-back declines since July and August 1992. Year-to-date new orders for 1993 totaled \$1,021.3 billion, 8.2 percent above the same period a year ago.

Shipments decreased \$3.9 billion or 1.5 percent to \$255.5 billion, following a 0.8 percent increase in March. This is the first decline since January. Year-to-date shipments for 1993 totaled \$1,025.2 billion, 7.5 percent above the same period a year ago.

Unfilled orders decreased \$1.9 billion or 0.4 percent to \$468.9 billion, the lowest level since November 1988. The unfilled orders-to-shipments ratio increased from 3.43 in March to 3.48 in April.

Inventories increased \$0.6 billion or 0.1 percent to \$380.5 billion. This is the third consecutive monthly increase. The inventories-to-shipments ratio increased from 1.46 in March to 1.49 in April.

## New Orders

New orders for durable goods in April decreased \$0.4 billion or 0.3 percent to \$130.3 billion. This follows a 3.3 percent decrease in March for the first back-to-back declines since July and August 1992. Year-to-date new orders for 1993 totaled \$528.4 billion, 10.5 percent above the same period a year ago.

Industrial machinery and equipment had the largest decrease, down \$1.0 billion or 4.4 percent to \$22.7 billion, primarily due to engines and turbines and computers and office equipment. Primary metals decreased \$0.9 billion or 7.6 percent to \$11.3 billion, primarily due to blast furnaces and steel mills. Transportation equipment declined \$0.4 billion or 1.3 percent to \$32.6 billion, as declines in motor vehicles and parts and shipbuilding and tanks more than offset an increase in aircraft and parts. Electronic and other electrical equipment had the largest increase, up \$1.1 billion or 6.1 percent to \$19.2 billion, primarily due to electronic components and communications equipment. Instruments and related products increased \$0.9 billion or 9.4 percent to \$10.8 billion, primarily due to search and navigation equipment.

New orders for nondurable goods declined \$0.4 billion or 0.4 percent to \$123.2 billion. This is the first decrease since January. Decreases, led by tobacco products, chemicals and allied products, and petroleum and coal products, more than offset increases led by textile mill products and food and kindred products.

## Shipments

Shipments of durable goods in April decreased \$2.8 billion or 2.1 percent to \$132.6 billion, the first decrease since January. This follows a 1.0 percent increase in March.

Except for stone, clay, and glass products, all major groups declined. Industrial machinery and equipment had the largest decrease, down \$1.3 billion or 5.5 percent to \$22.7 billion, primarily due to computer and office equipment. Transportation equipment decreased \$0.9 billion or 2.5 percent to \$35.4 billion, with declines in all industries.

Shipments of nondurable goods decreased \$1.1 billion or 0.9 percent to \$122.9 billion, following a 0.7 percent increase in March. This is the first decrease since January. The largest declines were in tobacco products, down \$0.4 billion or 13.6 percent to \$2.5 billion, chemicals and allied products, down \$0.3 billion or 1.1 percent to \$25.7 billion, and petroleum and coal products, down \$0.3 billion or 1.9 percent to \$13.4 billion.

## Unfilled Orders

Unfilled orders for durable goods in April decreased \$2.2 billion or 0.5 percent to \$445.6 billion, the lowest level since November 1988. This is the second consecutive monthly decrease. Transportation equipment had the largest decrease, down \$2.8 billion or 1.2 percent to \$236.0 billion, primarily due to aircraft and parts and shipbuilding and tanks. This is the fifth decline in the last six months. Excluding transportation equipment, unfilled orders increased \$0.6 billion. Instruments and related products had the largest increase, up \$0.6 billion or 1.2 percent to \$54.6 billion, primarily due to search and navigation equipment. Unfilled orders for nondurable goods increased \$0.3 billion or 1.2 percent to \$23.3 billion, the sixth increase in the last seven months.

## Inventories

Inventories for durable goods in April increased \$0.2 billion or 0.1 percent to \$235.6 billion. This is the third consecutive monthly increase. Lumber and wood products had the largest increase. Transportation equipment had the largest decrease, down \$0.5 billion or 0.8 percent to \$65.8 billion, due to aircraft and parts. Nondurable goods increased \$0.4 billion or 0.3 percent to a new high of \$144.9 billion. This is the third increase in the last four months.

By stage of fabrication, finished goods increased 1.4 percent in durables and 0.2 percent in nondurables. Work in process was down 0.8 percent in durables and 0.4 percent in nondurables. Materials and supplies increased 0.3 percent in durables and 0.7 percent in nondurables.

(SEE BACK PAGE FOR UPCOMING REVISIONS)

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

Industry	Seasonally adjusted						Not seasonally adjusted <sup>1</sup>						
	Monthly			Percent Change			Monthly				Percent change	Year to date	
	Apr. 1993 <sup>p</sup>	Mar. 1993 <sup>r</sup>	Feb. 1993	Mar.-Apr.	Feb.-Mar.	Jan.-Feb.	Apr. 1993 <sup>p</sup>	Mar. 1993 <sup>r</sup>	Feb. 1993	Apr. 1992		Apr. 93/92	1993 <sup>p</sup>
All manufacturing industries . . . . .	255,482	259,381	257,266	-1.5	+0.8	+1.7	253,111	269,779	252,026	240,550	+5.2	1,001,372	935,848
Manufacturing Industries with unfilled orders . . . . .	134,903	137,467	135,571	-1.9	+1.4	+1.7	132,508	144,962	132,472	127,683	+3.8	527,296	501,854
without defense capital goods . . . . .	247,955	251,550	249,406	-1.4	+0.9	+1.7	246,081	261,656	244,614	232,653	+5.8	972,777	904,621
Durable goods industries . . . . .	132,570	135,396	134,104	-2.1	+1.0	+2.8	132,423	144,077	131,807	123,510	+7.2	521,898	479,358
With unfilled orders . . . . .	106,065	108,625	106,626	-2.4	+1.9	+2.3	103,921	115,829	103,835	99,421	+4.5	413,987	390,952
Stone, clay, and glass products . . . . .	5,530	5,265	5,432	+5.0	-3.1	+6.1	5,642	5,133	4,986	5,222	+8.0	20,112	18,803
Primary metals . . . . .	11,299	11,405	11,418	-0.9	-0.1	+2.7	11,522	11,723	11,381	11,372	+1.3	45,140	44,083
Blast furnaces, steel mills . . . . .	5,104	5,102	5,061	0.0	+0.8	+4.1	5,181	5,318	5,036	4,830	+7.3	20,270	19,045
Iron and steel foundries . . . . .	1,027	1,055	1,058	-2.7	-0.3	+1.2	1,075	1,065	1,047	1,026	+4.8	4,117	3,865
Nonferrous and other primary metals . . . . .	5,168	5,248	5,299	-1.5	-1.0	+1.7	5,266	5,340	5,298	5,516	-4.5	20,753	21,173
Fabricated metal products . . . . .	13,962	14,145	13,933	-1.3	+1.5	+0.5	13,909	14,814	13,741	13,233	+5.1	54,743	51,569
Industrial machinery and equipment . . . . .	22,738	24,054	23,036	-5.5	+4.4	+0.8	22,204	27,412	22,021	20,116	+10.4	90,744	79,962
Engines and turbines . . . . .	1,621	1,669	1,695	-2.9	-1.5	+8.2	1,521	1,917	1,577	1,437	+5.8	6,207	5,673
Farm and garden machinery . . . . .	1,431	1,264	1,305	+13.2	-3.1	+8.8	1,859	1,580	1,482	1,431	+29.9	6,069	5,411
Construction, mining and material handling equipment . . . . .	2,702	2,785	2,738	-3.0	+1.7	+4.2	2,832	3,004	2,783	2,355	+20.3	10,950	8,746
Metalworking machinery . . . . .	2,396	2,367	2,341	+1.2	+1.1	-8.9	2,197	2,600	2,271	1,984	+10.7	9,093	8,116
Computer and office equipment . . . . .	6,388	7,220	6,722	-11.5	+7.4	+2.8	5,155	8,655	5,750	4,702	+9.6	24,495	20,705
Electronic and other electrical equipment . . . . .	18,865	19,053	18,660	-1.0	+2.1	+5.5	18,058	20,080	18,362	16,508	+9.4	72,093	65,961
Electrical transmission and distribution equipment and industrial apparatus . . . . .	2,451	2,370	2,408	+3.4	-1.6	+2.3	2,455	2,583	2,459	2,303	+6.6	9,568	9,121
Household appliances . . . . .	1,627	1,684	1,700	-3.4	-0.9	+11.6	1,663	1,824	1,615	1,600	+3.9	6,450	5,923
Electric lighting and wiring equipment . . . . .	1,844	1,956	1,855	-5.7	+5.4	+1.7	1,739	2,039	1,883	1,637	+6.2	7,252	6,571
Household audio and video equipment . . . . .	1,017	1,036	1,027	-1.8	+0.9	-0.7	815	998	918	858	-5.0	3,573	3,581
Communications equipment . . . . .	4,076	4,140	3,938	-1.5	+5.1	+4.7	3,809	4,482	3,796	3,366	+13.2	15,297	13,919
Electronic components . . . . .	6,062	6,030	6,000	+0.5	+0.5	+6.9	6,032	6,281	6,114	5,269	+14.5	23,611	20,989
Transportation equipment . . . . .	35,406	36,310	36,218	-2.5	+0.3	+2.6	36,700	38,705	36,567	33,610	+9.2	142,139	127,187
Motor vehicles and parts . . . . .	23,467	23,913	23,936	-1.9	-0.1	+3.2	24,901	25,375	24,826	20,735	+20.1	95,822	76,700
Aircraft, missiles, space vehicles, and parts . . . . .	9,539	9,866	9,627	-3.3	+2.5	-1.3	9,277	10,623	9,123	10,494	-11.6	36,494	41,324
Shipbuilding and tanks . . . . .	1,051	1,069	1,114	-1.7	-4.0	+3.4	997	1,112	1,099	1,007	-1.0	4,050	4,211
Instruments and related products . . . . .	10,140	10,294	10,283	-1.5	+0.1	+1.2	9,699	10,926	9,900	9,962	-2.6	39,570	39,884
Search and navigation equipment . . . . .	2,566	2,663	2,739	-3.6	-2.8	+1.5	2,313	2,862	2,535	2,553	-9.4	9,902	10,473
Measuring and controlling devices . . . . .	2,700	2,704	2,758	-0.1	-2.0	+7.4	2,622	2,910	2,707	2,553	+2.7	10,662	10,557
Medical instruments and supplies . . . . .	2,862	2,921	2,797	-2.0	+4.4	-1.6	2,799	3,111	2,804	2,843	-1.5	11,415	11,378
Photographic goods . . . . .	1,651	1,667	1,628	-1.0	+2.4	-2.0	1,603	1,686	1,491	1,673	-4.2	6,176	6,143
All other durable goods . . . . .	14,630	14,870	15,124	-1.6	-1.7	+5.3	14,689	15,284	14,849	13,487	+8.9	57,357	51,909
Nondurable goods industries . . . . .	122,912	123,985	123,162	-0.9	+0.7	+0.5	120,688	125,702	120,219	117,040	+3.1	479,474	456,490
With unfilled orders . . . . .	28,838	28,842	28,945	0.0	-0.4	-0.3	28,587	29,133	28,637	28,262	+1.1	113,309	110,902
Food and kindred products . . . . .	34,201	33,934	33,473	+0.8	+1.4	-0.3	33,327	34,635	32,848	32,300	+3.2	131,771	126,554
Meat products . . . . .	7,871	7,772	7,715	+1.3	+0.7	-2.9	7,714	7,802	7,470	7,184	+7.4	30,342	28,203
Dairy products . . . . .	4,472	4,388	4,349	+1.9	+0.9	+3.2	4,414	4,432	4,188	4,272	+3.3	16,971	16,547
Beverages . . . . .	4,593	4,645	4,677	-1.1	-0.7	-1.2	4,630	4,605	4,230	4,685	-1.2	17,530	17,516
All other foods, except fats and oils . . . . .	15,476	15,282	14,809	+1.3	+3.2	-0.9	14,780	15,949	15,037	14,464	+2.2	59,624	57,404
Tobacco products . . . . .	2,512	2,908	2,760	-13.6	+5.4	-9.2	1,849	3,612	2,097	1,849	0.0	9,537	8,837
Textile mill products . . . . .	5,978	5,966	6,165	+0.2	-3.2	-2.4	5,822	6,119	5,956	5,917	-1.6	23,340	23,071
Broadwoven fabrics and other textiles . . . . .	3,818	3,799	3,910	+0.5	-2.8	-3.4	3,707	3,923	3,815	3,775	-1.8	14,992	14,822
Paper and allied products . . . . .	10,265	10,346	10,285	-0.8	+0.6	-1.2	10,104	10,519	10,293	10,280	-1.7	41,002	41,355
Pulp, paper, and paperboard mill products . . . . .	4,377	4,303	4,307	+1.7	-0.1	-1.6	4,298	4,370	4,357	4,382	-1.9	17,280	17,647
Paperboard containers and boxes . . . . .	2,481	2,476	2,448	+0.2	+1.1	+1.2	2,491	2,509	2,420	2,492	0.0	9,769	9,826
Miscellaneous converted paper products . . . . .	3,407	3,567	3,530	-4.5	+1.0	-2.3	3,315	3,640	3,516	3,406	-2.7	13,953	13,882
Chemicals and allied products . . . . .	25,721	26,019	25,713	-1.1	+1.2	+2.0	26,529	27,183	25,669	25,426	+4.3	103,588	98,046
Industrial chemicals . . . . .	13,375	13,403	13,421	-0.2	-0.1	+2.5	13,696	13,835	13,641	13,101	+4.5	53,592	50,417
Drugs, soaps, and toiletries . . . . .	9,481	9,720	9,381	-2.5	+3.6	+0.1	9,054	10,055	9,302	8,453	+7.1	37,704	35,179
Petroleum and coal products . . . . .	13,437	13,703	13,655	-1.9	+0.4	+5.0	12,955	12,451	12,270	12,831	+1.0	49,724	46,817
Rubber and plastics products . . . . .	8,822	9,051	9,159	-2.5	-1.2	+1.4	9,006	9,328	9,162	9,195	-2.1	35,828	35,713
All other nondurable goods . . . . .	21,976	22,058	21,952	-0.4	+0.5	0.0	21,096	21,855	21,924	19,242	+9.6	84,684	76,097

<sup>p</sup> Preliminary. <sup>r</sup> Revised.

<sup>1</sup> 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 <sup>1</sup>							
	Monthly			Percent Change			Monthly				Percent change	Year to date		
	Apr. 1993 <sup>p</sup>	Mar. 1993 <sup>r</sup>	Feb. 1993	Mar.-Apr.	Feb.-Mar.	Jan.-Feb.	Apr. 1993 <sup>p</sup>	Mar. 1993 <sup>r</sup>	Feb. 1993	Apr. 1992		Apr. 93/92	1993 <sup>p</sup>	1992
All manufacturing industries . . . . .	253,533	254,354	258,377	-0.3	-1.6	+1.3	251,494	265,232	254,715	239,643	+4.9	1,002,943	933,157	
Manufacturing industries with unfilled orders . . . . .	132,954	132,440	136,682	+0.4	-3.1	+1.0	130,891	140,415	135,161	126,776	+3.2	528,867	499,163	
without defense capital goods . . . . .	246,275	246,904	252,017	-0.3	-2.0	+2.4	245,391	256,961	249,128	232,874	+5.4	975,473	906,304	
Durable goods industries . . . . .	130,347	130,732	135,209	-0.3	-3.3	+2.3	130,595	139,381	134,084	122,551	+6.6	522,214	475,528	
With unfilled orders . . . . .	103,842	103,961	107,731	-0.1	-3.5	+1.7	102,093	111,133	106,112	98,462	+3.7	414,303	387,122	
Stone, clay, and glass products . . . . .	5,620	5,374	5,782	+4.6	-7.1	+10.1	5,712	5,299	5,549	5,467	+4.5	20,930	19,188	
Primary metals . . . . .	11,265	12,197	12,307	-7.6	-0.9	-1.6	11,548	12,432	12,581	11,263	+2.5	48,859	44,278	
Blast furnaces, steel mills . . . . .	4,777	5,968	5,909	-20.0	+1.0	+0.1	4,864	5,725	6,145	4,773	+1.9	22,744	18,750	
Iron and steel foundries . . . . .	1,026	944	1,056	+8.7	-10.6	-3.5	1,089	1,007	954	1,008	+8.0	4,167	3,791	
Nonferrous and other primary metals . . . . .	5,462	5,285	5,342	+3.3	-1.1	-3.0	5,595	5,700	5,482	5,482	+2.1	21,948	21,737	
Fabricated metal products . . . . .	13,643	13,738	13,902	-0.7	-1.2	-0.2	13,596	14,535	13,660	12,740	+6.7	54,469	51,387	
Industrial machinery and equipment . . . . .	22,692	23,735	23,521	-4.4	+0.9	+1.8	22,019	26,500	22,611	19,720	+11.7	91,298	79,788	
Engines and turbines . . . . .	1,476	1,978	1,659	-25.4	+19.2	+7.7	1,287	1,986	1,361	1,185	+8.6	5,786	5,199	
Construction, mining and material handling equipment . . . . .	2,609	2,808	2,803	-7.1	+0.2	+4.3	2,671	2,999	2,869	2,201	+21.4	11,118	8,803	
Metalworking machinery . . . . .	2,288	2,224	2,326	+2.9	-4.4	-4.0	2,089	2,457	2,256	1,997	+4.6	8,681	8,458	
Computer and office equipment . . . . .	6,302	6,783	7,142	-7.1	-5.0	+9.7	5,096	8,201	6,276	4,520	+12.7	24,510	19,979	
Electronic and other electrical equipment . . . . .	19,204	18,101	18,044	+6.1	+0.3	-4.4	18,923	18,706	18,596	16,801	+12.6	73,499	66,740	
Electrical transmission and distribution equipment and industrial apparatus . . . . .	2,518	2,372	2,460	+6.2	-3.6	-1.8	2,526	2,548	2,532	2,354	+7.3	9,902	9,203	
Electric lighting and wiring equipment . . . . .	1,890	1,885	1,904	+0.3	-1.0	+0.3	1,785	1,968	1,932	1,695	+5.3	7,350	6,550	
Communications equipment . . . . .	4,238	3,811	3,722	+11.2	+2.4	+2.8	3,958	4,092	3,640	3,122	+26.8	14,810	13,746	
Electronic components . . . . .	6,134	5,604	5,567	+9.5	+0.7	-14.1	6,622	5,572	6,202	5,662	+17.0	24,666	21,573	
Transportation equipment . . . . .	32,559	32,998	36,427	-1.3	-9.4	+9.6	33,619	36,128	36,478	33,839	-0.7	134,605	122,566	
Aircraft, missiles, space vehicles, and parts . . . . .	7,263	6,974	9,988	+4.1	-30.2	+51.3	6,723	8,463	9,203	9,932	-32.3	28,888	36,853	
Shipbuilding and tanks . . . . .	504	734	711	-31.3	+3.2	-66.7	516	788	666	1,524	-66.1	3,853	3,132	
Instruments and related products . . . . .	10,764	9,840	10,056	+9.4	-2.1	-7.5	9,986	10,350	9,556	8,669	+15.2	39,761	38,204	
Search and navigation equipment . . . . .	3,393	2,528	2,489	+34.2	+1.6	-20.5	2,773	2,585	2,181	1,300	+113.3	10,280	9,471	
Measuring and controlling devices . . . . .	2,740	2,629	2,841	+4.2	-7.5	+8.4	2,662	2,835	2,790	2,601	+2.3	10,764	10,293	
Medical instruments and supplies . . . . .	2,730	2,758	2,564	-1.0	+7.6	-17.6	2,667	2,948	2,571	2,763	-3.5	11,157	11,055	
All other durable goods . . . . .	14,600	14,749	15,170	-1.0	-2.8	+5.7	15,192	15,431	15,053	14,052	+8.1	58,793	53,377	
Nondurable goods industries . . . . .	123,186	123,622	123,168	-0.4	+0.4	+0.2	120,899	125,851	120,631	117,092	+3.3	480,729	457,629	
With unfilled orders . . . . .	29,112	28,479	28,951	+2.2	-1.6	-1.5	28,798	29,282	29,049	28,314	+1.7	114,564	112,041	

<sup>p</sup> Preliminary. <sup>r</sup> Revised.

<sup>1</sup> 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 Apr. 93/92
	Apr. 1993 <sup>p</sup>	Mar. 1993 <sup>r</sup>	Feb. 1993	Mar.- Apr.	Feb.- Mar.	Jan.- Feb.	Apr. 1993 <sup>p</sup>	Mar. 1993 <sup>r</sup>	Feb. 1993	Apr. 1992	
All manufacturing industries . . . . .	468,883	470,832	475,859	-0.4	-1.1	+0.2	471,363	472,980	477,527	499,574	-5.6
Manufacturing industries without defense capital goods . . . . .	342,386	344,066	348,712	-0.5	-1.3	+0.8	344,135	344,825	349,520	360,317	-4.5
Durable goods industries . . . . .	445,590	447,813	452,477	-0.5	-1.0	+0.2	447,895	449,723	454,419	475,894	-5.9
Stone, clay, and glass products . . . . .	7,006	6,916	6,807	+1.3	+1.6	+5.4	6,931	6,861	6,695	6,637	+4.4
Primary metals . . . . .	23,468	23,502	22,710	-0.1	+3.5	+4.1	23,950	23,924	23,215	21,540	+11.2
Blast furnaces, steel mills . . . . .	10,647	10,974	10,108	-3.0	+8.6	+9.2	10,679	10,996	10,589	8,252	+29.4
Iron and steel foundries . . . . .	2,786	2,787	2,898	0.0	-3.8	-0.1	2,825	2,811	2,869	2,826	0.0
Nonferrous and other primary metals . . . . .	10,035	9,741	9,704	+3.0	+0.4	+0.4	10,446	10,117	9,757	10,462	-0.2
Fabricated metal products . . . . .	22,802	23,121	23,528	-1.4	-1.7	-0.1	23,015	23,328	23,607	24,066	-4.4
Industrial machinery and equipment . . . . .	51,116	51,162	51,481	-0.1	-0.6	+1.0	50,991	51,176	52,088	52,897	-3.6
Engines and turbines . . . . .	11,001	11,146	10,837	-1.3	+2.9	-0.3	10,746	10,980	10,911	10,070	+6.7
Construction, mining and material handling equipment . . . . .	6,131	6,224	6,201	-1.5	+0.4	+1.1	6,217	6,378	6,383	6,222	-0.1
Metalworking machinery . . . . .	6,437	6,545	6,688	-1.7	-2.1	-0.2	6,437	6,545	6,688	8,259	-22.1
Computer and office equipment . . . . .	7,734	7,820	8,257	-1.1	-5.3	+5.4	7,564	7,623	8,077	8,489	-10.9
Electronic and other electrical equipment . . . . .	42,845	42,506	43,458	+0.8	-2.2	-1.4	43,510	42,645	44,019	42,404	+2.6
Electrical transmission and distribution equipment and industrial apparatus . . . . .	5,924	5,857	5,855	+1.1	0.0	+0.9	5,946	5,875	5,910	6,359	-6.5
Electric lighting and wiring equipment . . . . .	2,940	2,894	2,965	+1.6	-2.4	+1.7	2,940	2,894	2,965	2,958	-0.6
Communications equipment . . . . .	14,105	13,943	14,272	+1.2	-2.3	-1.5	14,101	13,952	14,342	14,212	-0.8
Electronic components . . . . .	15,414	15,342	15,768	+0.5	-2.7	-2.7	15,969	15,379	16,088	14,354	+11.3
Transportation equipment . . . . .	236,004	238,851	242,163	-1.2	-1.4	+0.1	236,885	239,966	242,543	264,972	-10.6
Aircraft, missiles, space vehicles, and parts . . . . .	205,551	207,827	210,719	-1.1	-1.4	+0.2	206,413	208,967	211,127	230,543	-10.5
Shipbuilding and tanks . . . . .	22,581	23,128	23,463	-2.4	-1.4	-1.7	22,508	22,989	23,313	26,401	-14.7
Instruments and related products . . . . .	54,596	53,972	54,426	+1.2	-0.8	-0.4	54,472	54,185	54,761	55,260	-1.4
Search and navigation equipment . . . . .	36,781	35,954	36,089	+2.3	-0.4	-0.7	36,654	36,194	36,471	37,952	-3.4
Measuring and controlling devices . . . . .	8,887	8,847	8,922	+0.5	-0.8	+0.9	8,887	8,847	8,922	8,552	+3.9
Medical instruments and supplies . . . . .	8,130	8,262	8,425	-1.6	-1.9	-2.7	8,130	8,262	8,425	7,871	+3.3
All other durable goods . . . . .	7,753	7,783	7,904	-0.4	-1.5	+0.6	8,141	7,638	7,491	8,118	+0.3
Nonurable goods industries . . . . .	23,293	23,019	23,382	+1.2	-1.6	0.0	23,468	23,257	23,108	23,680	-0.9

<sup>p</sup> Preliminary. <sup>r</sup> 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 Apr. 93/92
	Apr. 1993 <sup>p</sup>	Mar. 1993 <sup>r</sup>	Feb. 1993	Mar.- Apr.	Feb.- Mar.	Jan.- Feb.	Apr. 1993 <sup>p</sup>	Mar. 1993 <sup>r</sup>	Feb. 1993	Apr. 1992	
All manufacturing industries . . . . .	380,454	379,897	379,080	+0.1	+0.2	+0.2	382,779	380,178	381,601	384,499	-0.4
Manufacturing industries with unfilled orders . . . . .	249,694	249,752	250,064	0.0	-0.1	+0.1	251,744	249,832	250,916	260,040	-3.2
without defense capital goods . . . . .	351,277	350,380	348,921	+0.3	+0.4	+0.3	353,413	350,697	351,841	349,738	+1.1
Durable goods industries . . . . .	235,550	235,386	235,120	+0.1	+0.1	+0.3	237,133	235,730	236,736	244,122	-2.9
With unfilled orders . . . . .	216,231	216,408	216,739	-0.1	-0.2	+0.2	217,760	216,287	217,541	225,888	-3.6
Stone, clay, and glass products . . . . .	7,855	7,873	7,838	-0.2	+0.4	-0.2	8,025	8,022	8,061	8,088	-0.8
Primary metals . . . . .	19,205	19,311	19,361	-0.5	-0.3	+0.2	19,202	19,153	19,349	19,879	-3.4
Blast furnaces, steel mills . . . . .	9,349	9,405	9,616	-0.6	-2.2	+0.1	9,218	9,220	9,586	9,623	-4.2
Iron and steel foundries . . . . .	1,401	1,424	1,424	-1.6	0.0	+3.0	1,444	1,450	1,442	1,469	-1.7
Nonferrous and other primary metals . . . . .	8,455	8,482	8,321	-0.3	+1.9	-0.1	8,540	8,483	8,321	8,787	-2.8
Fabricated metal products . . . . .	22,468	22,518	22,385	-0.2	+0.6	0.0	22,766	22,757	22,539	23,044	-1.2
Industrial machinery and equipment . . . . .	44,018	43,928	44,157	+0.2	-0.5	+0.1	44,275	43,756	44,589	45,400	-2.5
Engines and turbines . . . . .	3,657	3,589	3,573	+1.9	+0.4	-0.7	3,676	3,492	3,513	3,536	+4.0
Farm and garden machinery . . . . .	2,156	2,307	2,322	-6.5	-0.6	-2.8	2,165	2,423	2,459	2,275	-4.8
Construction, mining and material handling equipment . . . . .	5,864	5,916	5,865	-0.9	+0.9	+0.1	5,928	5,985	5,964	6,142	-3.5
Metalworking machinery . . . . .	5,317	5,317	5,445	0.0	-2.4	+1.9	5,360	5,280	5,422	5,643	-5.0
Computer and office equipment . . . . .	9,520	9,425	9,499	+1.0	-0.8	+1.3	9,520	9,125	9,531	9,539	-0.2
Electronic and other electrical equipment . . . . .	31,614	31,322	31,146	+0.9	+0.6	+0.3	32,044	31,286	31,158	31,265	+2.5
Electrical transmission and distribution equipment and industrial apparatus . . . . .	4,125	4,097	4,066	+0.7	+0.8	+0.9	4,188	4,100	4,080	4,352	-3.8
Household appliances . . . . .	2,804	2,740	2,645	+2.3	+3.6	+0.2	2,958	2,834	2,737	2,890	+2.4
Electric lighting and wiring equipment . . . . .	2,891	2,893	2,878	-0.1	+0.5	-0.9	2,937	2,895	2,838	3,018	-2.7
Household audio and video equipment . . . . .	1,116	1,118	1,102	-0.2	+1.5	-1.5	1,094	1,086	1,087	1,239	-11.7
Communications equipment . . . . .	8,239	8,089	8,007	+1.9	+1.0	+0.6	8,355	8,030	7,981	7,311	+14.3
Electronic components . . . . .	9,125	9,071	9,080	+0.6	-0.1	+0.9	9,125	9,001	9,022	8,860	+3.0
Transportation equipment . . . . .	65,804	66,353	66,625	-0.8	-0.4	+0.2	66,050	66,639	67,190	72,143	-8.4
Motor vehicles and parts . . . . .	11,660	11,580	11,397	+0.7	+1.6	+0.5	11,580	11,659	11,860	12,267	-5.6
Aircraft, missiles, space vehicles, and parts . . . . .	49,724	50,379	50,875	-1.3	-1.0	0.0	50,074	50,583	50,897	55,463	-9.7
Shipbuilding and tanks . . . . .	1,812	1,834	1,847	-1.2	-0.7	+3.8	1,818	1,798	1,816	2,110	-13.8
Instruments and related products . . . . .	23,161	23,212	23,252	-0.2	-0.2	+0.4	23,346	23,120	23,214	24,134	-3.3
Search and navigation equipment . . . . .	6,337	6,395	6,592	-0.9	-3.0	-0.6	6,392	6,334	6,581	7,751	-17.5
Measuring and controlling devices . . . . .	6,699	6,682	6,660	+0.3	+0.3	+0.3	6,712	6,649	6,644	6,693	+0.3
Medical instruments and supplies . . . . .	6,288	6,254	6,237	+0.5	+0.3	-0.4	6,338	6,259	6,266	6,127	+3.4
Photographic goods . . . . .	3,151	3,199	3,076	-1.5	+4.0	+4.8	3,195	3,190	3,036	2,893	+10.4
All other durable goods . . . . .	21,425	20,869	20,356	+2.7	+2.5	+1.7	21,425	20,997	20,636	20,169	+6.2
Nondurable goods industries . . . . .	144,904	144,511	143,960	+0.3	+0.4	-0.1	145,646	144,448	144,865	140,377	+3.8
With unfilled orders . . . . .	33,463	33,344	33,325	+0.4	+0.1	-0.5	33,984	33,545	33,375	34,152	-0.5
Food and kindred products . . . . .	30,823	30,726	30,668	+0.3	+0.2	-0.2	30,041	30,106	30,839	29,137	+3.1
Meat products . . . . .	3,009	3,035	2,969	-0.9	+2.2	+1.2	3,102	3,076	3,016	2,732	+13.5
Dairy products . . . . .	2,816	2,747	2,750	+2.5	-0.1	-0.6	2,872	2,704	2,689	2,784	+3.2
Beverages . . . . .	5,599	5,495	5,501	+1.9	-0.1	-0.5	5,661	5,547	5,524	5,536	+2.3
All other foods, except fats and oils . . . . .	17,730	17,795	17,765	-0.4	+0.2	0.0	16,719	17,092	17,854	16,490	+1.4
Tobacco products . . . . .	6,608	6,830	6,707	-3.3	+1.8	+0.4	6,786	6,922	7,195	6,783	0.0
Textile mill products . . . . .	9,287	9,201	9,162	+0.9	+0.4	-0.1	9,480	9,216	9,252	8,949	+5.9
Broadwoven fabrics and other textiles . . . . .	5,274	5,223	5,178	+1.0	+0.9	-0.7	5,379	5,251	5,255	5,230	+2.8
Paper and allied products . . . . .	13,528	13,509	13,473	+0.1	+0.3	+0.3	13,842	13,731	13,688	13,942	-0.7
Pulp, paper, and paperboard mill products . . . . .	5,623	5,601	5,561	+0.4	+0.7	-0.1	5,747	5,712	5,699	5,786	-0.7
Paperboard containers and boxes . . . . .	3,244	3,271	3,314	-0.8	-1.3	+1.7	3,276	3,305	3,334	3,283	-0.2
Miscellaneous converted paper products . . . . .	4,661	4,637	4,598	+0.5	+0.8	-0.1	4,819	4,714	4,655	4,873	-1.1
Chemicals and allied products . . . . .	35,109	35,157	35,213	-0.1	-0.2	-0.5	35,527	35,575	35,690	34,433	+3.2
Industrial chemicals . . . . .	17,225	17,218	17,302	0.0	-0.5	-0.7	17,397	17,416	17,566	17,216	+1.1
Drugs, soaps, and toiletries . . . . .	13,116	13,246	13,220	-1.0	+0.2	+0.3	13,195	13,101	13,052	12,581	+4.9
Petroleum and coal products . . . . .	11,790	11,514	11,421	+2.4	+0.8	+0.8	11,650	11,270	11,159	11,151	+4.5
Rubber and plastics products . . . . .	11,660	11,635	11,559	+0.2	+0.7	-0.3	11,877	11,793	11,749	11,106	+6.9
All other nondurable goods . . . . .	26,099	25,939	25,757	+0.6	+0.7	0.0	26,443	25,835	25,293	24,876	+6.3

<sup>p</sup> Preliminary. <sup>r</sup> Revised.

**Table 5. VALUE OF MANUFACTURERS' SHIPMENTS AND NEW ORDERS  
FOR TOPICAL SERIES<sup>1</sup>  
(Millions of dollars)**

Industry	Seasonally adjusted						Not seasonally adjusted <sup>2</sup>						
	Monthly			Percent Change			Monthly				Percent change	Year to date	
	Apr. 1993 <sup>p</sup>	Mar. 1993 <sup>r</sup>	Feb. 1993	Mar.-Apr.	Feb.-Mar.	Jan.-Feb.	Apr. 1993 <sup>p</sup>	Mar. 1993 <sup>r</sup>	Feb. 1993	Apr. 1992		Apr. 93/92	1993 <sup>p</sup>
<b>SHIPMENTS</b>													
All manufacturing industries . . . . .	255,482	259,381	257,266	-1.5	+0.8	+1.7	253,111	269,779	252,026	240,550	+5.2	1,001,372	935,848
Market categories :													
Automotive equipment . . . . .	11,584	11,812	12,013	-1.9	-1.7	+3.5	12,380	12,560	12,361	10,446	+18.5	47,596	38,255
Home goods and apparel . . . . .	18,247	18,490	18,448	-1.3	+0.2	-0.9	17,091	18,873	18,457	15,423	+10.8	70,397	61,775
Consumer staples . . . . .	56,613	57,201	56,172	-1.0	+1.8	-0.3	54,395	58,166	54,079	52,683	+3.2	218,531	208,149
Machinery and equipment . . . . .	42,780	44,322	42,935	-3.5	+3.2	+0.6	42,359	48,682	41,649	38,877	+9.0	168,892	152,812
Business supplies . . . . .	19,308	19,503	19,460	-1.0	+0.2	+2.8	19,622	19,642	18,967	19,295	+1.7	75,868	73,299
Construction materials and supplies . . . . .	16,337	16,457	16,668	-0.7	-1.3	+5.3	16,353	16,641	15,686	15,251	+7.2	62,204	57,144
Defense products . . . . .	7,803	8,100	8,045	-3.7	+0.7	+1.7	7,386	8,441	7,687	8,061	-8.4	29,897	31,993
Other materials, supplies and intermediate products . . . . .	82,810	83,496	83,525	-0.8	0.0	+3.0	83,525	86,774	83,140	80,514	+3.7	327,987	312,421
Durable goods industries :													
Nondefense capital goods <sup>3</sup> . . . . .	32,840	34,493	32,997	-4.8	+4.5	+0.9	31,453	38,749	31,389	29,762	+5.7	128,476	119,918
Excluding aircraft and parts . . . . .	27,418	28,888	27,644	-5.1	+4.5	+1.8	26,057	32,426	26,295	23,740	+9.8	107,416	95,722
Defense capital goods <sup>4</sup> . . . . .	7,527	7,831	7,860	-3.9	-0.4	+2.5	7,030	8,123	7,412	7,897	-11.0	28,595	31,227
Durables excluding capital goods . . . . .	92,203	93,072	93,247	-0.9	-0.2	+3.5	93,940	97,205	93,006	85,851	+9.4	364,827	328,213
Miscellaneous series :													
Producers' durable equipment . . . . .	84,750	87,187	85,209	-2.8	+2.3	+1.5	84,664	94,391	84,247	77,091	+9.8	336,209	300,643
Household durable goods . . . . .	7,406	7,502	7,574	-1.3	-1.0	0.0	7,143	8,019	7,470	6,878	+3.9	29,036	26,987
Information technology industries . . . . .	14,974	15,912	15,273	-5.9	+4.2	+3.5	13,312	17,963	13,989	12,459	+6.8	57,404	52,101
Health care equipment and products . . . . .	8,009	8,201	7,896	-2.3	+3.9	-0.4	7,722	8,571	7,861	7,443	+3.7	31,894	30,493
<b>NEW ORDERS</b>													
All manufacturing industries . . . . .	253,533	254,354	258,377	-0.3	-1.6	+1.3	251,494	265,232	254,715	239,643	+4.9	1,002,943	933,157
Market categories :													
Automotive equipment . . . . .	11,563	11,777	12,024	-1.8	-2.1	+3.3	12,368	12,521	12,398	10,505	+17.7	47,650	38,344
Home goods and apparel . . . . .	18,268	18,418	18,562	-0.8	-0.8	-2.1	17,361	19,053	19,104	15,857	+9.5	72,625	63,319
Consumer staples . . . . .	56,605	57,201	56,217	-1.0	+1.8	-0.1	54,380	58,144	54,084	52,694	+3.2	218,472	208,110
Machinery and equipment . . . . .	41,160	40,818	44,658	+0.8	-8.6	+9.7	40,803	44,926	43,553	38,066	+7.2	164,194	150,853
Business supplies . . . . .	19,237	19,403	19,543	-0.9	-0.7	+3.2	19,535	19,561	19,068	19,193	+1.8	75,853	73,254
Construction materials and supplies . . . . .	16,301	16,267	17,054	+0.2	-4.6	+5.8	16,369	16,591	16,150	15,401	+6.3	62,924	57,463
Defense products . . . . .	7,717	7,913	6,540	-2.5	+21.0	-27.4	6,522	8,674	5,785	6,776	-3.7	28,674	27,273
Other materials, supplies and intermediate products . . . . .	82,682	82,557	83,779	+0.2	-1.5	+0.5	84,156	85,762	84,573	81,151	+3.7	332,551	314,541
Durable goods industries :													
Nondefense capital goods <sup>3</sup> . . . . .	31,263	30,808	34,567	+1.5	-10.9	+13.9	29,812	34,491	33,089	28,897	+3.2	122,709	118,073
Excluding aircraft and parts . . . . .	28,021	28,447	28,306	-1.5	+0.5	+2.8	26,596	31,412	27,087	23,312	+14.1	108,888	96,109
Defense capital goods <sup>4</sup> . . . . .	7,258	7,450	6,360	-2.6	+17.1	-27.7	6,103	8,271	5,587	6,769	-9.8	27,470	26,853
Durables excluding capital goods . . . . .	91,826	92,474	94,282	-0.7	-1.9	+1.4	94,680	96,619	95,408	86,885	+9.0	372,035	330,602
Miscellaneous series :													
Producers' durable equipment . . . . .	82,991	83,279	87,536	-0.3	-4.9	+5.7	83,389	90,283	86,975	76,719	+8.7	334,321	298,762
Household durable goods . . . . .	7,452	7,313	7,593	+1.9	-3.7	-0.5	7,604	7,957	7,749	7,364	+3.3	30,488	28,273
Information technology industries . . . . .	15,528	15,153	15,766	+2.5	-3.9	+8.2	13,878	17,200	14,579	12,012	+15.5	57,637	51,078
Health care equipment and products . . . . .	7,877	8,038	7,663	-2.0	+4.9	-6.5	7,590	8,408	7,628	7,363	+3.1	31,637	30,170

<sup>p</sup> Preliminary. <sup>r</sup> Revised.

<sup>1</sup> Topical series are regroupings of the separate industry categories.

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

<sup>3</sup> 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.

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

**Table 6. VALUE OF MANUFACTURERS' UNFILLED ORDERS AND TOTAL INVENTORIES  
FOR TOPICAL SERIES<sup>1</sup>  
(Millions of dollars)**

Industry	Seasonally adjusted						Not seasonally adjusted				
	Monthly			Percent Change			Monthly				Percent change Apr. 93/92
	Apr. 1993 <sup>p</sup>	Mar. 1993 <sup>r</sup>	Feb. 1993	Mar.- Apr.	Feb.- Mar.	Jan.- Feb.	Apr. 1993 <sup>p</sup>	Mar. 1993 <sup>r</sup>	Feb. 1993	Apr. 1992	
<b>UNFILLED ORDERS</b>											
All manufacturing industries . . . . .	468,883	470,832	475,859	-0.4	-1.1	+0.2	471,363	472,980	477,527	499,574	-5.6
Market categories :											
Automotive equipment . . . . .	1,607	1,629	1,664	-1.4	-2.1	+0.7	1,638	1,650	1,689	1,763	-7.1
Home goods and apparel . . . . .	10,651	10,629	10,701	+0.2	-0.7	+1.1	11,008	10,738	10,558	9,982	+10.3
Consumer staples . . . . .	1,357	1,365	1,365	-0.6	0.0	+3.3	1,322	1,337	1,358	1,247	+6.0
Machinery and equipment . . . . .	195,049	196,668	200,173	-0.8	-1.8	+0.9	195,144	196,701	200,457	211,903	-7.9
Business supplies . . . . .	5,660	5,731	5,831	-1.2	-1.7	+1.4	5,597	5,685	5,766	5,711	-2.0
Construction materials and supplies . . . . .	14,515	14,551	14,741	-0.2	-1.3	+2.7	14,620	14,604	14,654	14,197	+3.0
Defense products . . . . .	120,375	120,460	120,647	-0.1	-0.2	-1.2	120,979	121,843	121,611	131,303	-7.9
Other materials, supplies and and intermediate products . . . . .	119,669	119,799	120,737	-0.1	-0.8	+0.2	121,055	120,422	121,434	123,468	-2.0
Durable goods industries :											
Nondefense capital goods <sup>3</sup> . . . . .	213,253	214,830	218,515	-0.7	-1.7	+0.7	213,152	214,793	219,051	232,756	-8.4
Excluding aircraft and parts . . . . .	73,605	73,002	73,443	+0.8	-0.6	+0.9	73,504	72,965	73,979	75,050	-2.1
Defense capital goods <sup>4</sup> . . . . .	126,497	126,766	127,147	-0.2	-0.3	-1.2	127,228	128,155	128,007	139,257	-8.6
Durables excluding capital goods . . . . .	105,840	106,217	106,815	-0.4	-0.6	+1.0	107,515	106,775	107,361	103,881	+3.5
Miscellaneous series :											
Producers' durable equipment . . . . .	218,754	220,513	224,421	-0.8	-1.7	+1.0	219,353	220,628	224,736	234,882	-6.6
Household durable goods . . . . .	5,484	5,438	5,627	+0.8	-3.4	+0.3	5,927	5,466	5,528	5,776	+2.6
Information technology industries . . . . .	32,296	31,742	32,501	+1.7	-2.3	+1.5	32,111	31,545	32,308	32,618	-1.6
Health care equipment and products . . . . .	8,159	8,291	8,454	-1.6	-1.9	-2.7	8,158	8,290	8,453	7,899	+3.3
<b>TOTAL INVENTORIES</b>											
All manufacturing industries . . . . .	380,454	379,897	379,080	+0.1	+0.2	+0.2	382,779	380,178	381,601	384,499	-0.4
Market categories :											
Automotive equipment . . . . .	6,408	6,365	6,215	+0.7	+2.4	+1.3	6,398	6,457	6,527	6,392	+0.1
Home goods and apparel . . . . .	30,614	30,304	29,830	+1.0	+1.6	+0.8	31,113	30,216	29,722	28,622	+8.7
Consumer staples . . . . .	59,802	59,846	59,551	-0.1	+0.5	+0.1	59,332	59,104	59,777	57,582	+3.0
Machinery and equipment . . . . .	87,246	87,229	87,166	0.0	+0.1	+0.9	88,029	87,326	88,029	88,504	-0.5
Business supplies . . . . .	21,527	21,347	21,461	+0.8	-0.5	-1.1	21,740	21,493	21,501	22,039	-1.4
Construction materials and supplies . . . . .	23,577	23,305	22,865	+1.2	+1.9	+0.8	23,825	23,589	23,191	22,973	+3.7
Defense products . . . . .	27,617	27,886	28,470	-1.0	-2.1	-0.8	27,790	27,864	28,154	32,684	-15.0
Other materials, supplies and and intermediate products . . . . .	123,663	123,615	123,522	0.0	+0.1	-0.1	124,552	124,129	124,700	125,703	-0.9
Durable goods industries :											
Nondefense capital goods <sup>3</sup> . . . . .	81,574	81,533	81,773	+0.1	-0.3	+0.7	82,272	81,350	82,386	83,777	-1.8
Excluding aircraft and parts . . . . .	53,842	53,399	53,519	+0.8	-0.2	+0.6	54,356	53,044	53,740	54,834	-0.9
Defense capital goods <sup>4</sup> . . . . .	29,177	29,517	30,159	-1.2	-2.1	-1.1	29,366	29,481	29,760	34,761	-15.5
Durables excluding capital goods . . . . .	124,799	124,336	123,188	+0.4	+0.9	+0.4	125,495	124,899	124,590	125,584	-0.1
Miscellaneous series :											
Producers' durable equipment . . . . .	140,651	140,226	139,766	+0.3	+0.3	+0.6	141,794	140,495	141,203	143,003	-0.8
Household durable goods . . . . .	13,124	12,971	12,717	+1.2	+2.0	+0.2	13,281	12,969	12,792	13,029	+1.9
Information technology industries . . . . .	28,726	28,539	28,393	+0.7	+0.5	+1.3	28,914	28,141	28,366	28,054	+3.1
Health care equipment and products . . . . .	13,409	13,444	13,413	-0.3	+0.2	0.0	13,504	13,372	13,353	12,960	+4.2

See footnotes at end of table 5.

**Table 7. VALUE OF MANUFACTURERS' INVENTORIES, BY STAGE OF FABRICATION,  
BY INDUSTRY GROUP  
(Millions of dollars)**

Industry	Seasonally adjusted						Not seasonally adjusted				
	Monthly			Percent Change			Monthly				Percent change Apr. 93/92
	Apr. 1993 <sup>p</sup>	Mar. 1993 <sup>r</sup>	Feb. 1993	Mar.- Apr.	Feb.- Mar.	Jan.- Feb.	Apr. 1993 <sup>p</sup>	Mar. 1993 <sup>r</sup>	Feb. 1993	Apr. 1992	
<b>MATERIALS AND SUPPLIES</b>											
All manufacturing industries . . . . .	118,779	118,207	117,797	+0.5	+0.3	-0.2	118,500	118,010	118,608	118,129	+0.3
Durable goods industries . . . . .	65,851	65,630	65,486	+0.3	+0.2	0.0	65,387	65,217	65,807	66,105	-1.1
Stone, clay, and glass products . . . . .	2,445	2,438	2,414	+0.3	+1.0	0.0	2,416	2,418	2,434	2,354	+2.6
Primary metals . . . . .	6,158	6,205	6,119	-0.8	+1.4	-1.5	5,958	5,967	6,071	5,970	-0.2
Fabricated metal products . . . . .	7,867	7,940	7,873	-0.9	+0.9	+0.4	7,814	7,966	7,841	7,787	+0.3
Industrial machinery and equipment Electronic and other	13,944	13,785	13,985	+1.2	-1.4	+0.8	13,878	13,657	14,073	12,878	+7.8
electrical equipment . . . . .	9,121	9,138	9,089	-0.2	+0.5	-0.8	9,172	9,113	9,100	9,218	-0.5
Transportation equipment . . . . .	11,626	11,664	11,483	-0.3	+1.6	+0.6	11,652	11,738	11,621	13,567	-14.1
Instruments and related products . . . . .	6,990	6,945	6,889	+0.6	+0.8	-2.6	7,009	6,963	6,937	6,917	+1.3
Lumber, furniture and miscellaneous durable goods . . . . .	7,700	7,515	7,634	+2.5	-1.6	+1.8	7,488	7,395	7,730	7,414	+1.0
Nondurable goods industries . . . . .	52,928	52,577	52,311	+0.7	+0.5	-0.4	53,113	52,793	52,801	52,024	+2.1
Food and kindred products . . . . .	10,169	10,100	10,131	+0.7	-0.3	-1.3	10,247	10,155	10,233	10,196	+0.5
Tobacco products . . . . .	5,316	5,361	5,306	-0.8	+1.0	+1.1	5,347	5,477	5,588	5,090	+5.0
Textile mill products . . . . .	2,650	2,708	2,737	-2.1	-1.1	+1.2	2,684	2,737	2,786	2,734	-1.8
Paper and allied products . . . . .	6,794	6,813	6,726	-0.3	+1.3	+0.5	6,829	6,862	6,801	6,921	-1.3
Chemicals and allied products . . . . .	11,945	11,834	11,728	+0.9	+0.9	-1.7	11,910	11,793	11,775	11,580	+2.8
Petroleum and coal products . . . . .	2,977	2,942	3,000	+1.2	-1.9	+0.8	2,988	2,890	2,927	2,907	+2.8
Rubber and plastics products . . . . .	4,365	4,318	4,300	+1.1	+0.4	-0.4	4,364	4,302	4,291	4,274	+2.1
Apparel, printing and publishing and leather goods . . . . .	8,712	8,501	8,383	+2.5	+1.4	0.0	8,744	8,577	8,400	8,322	+5.1
<b>WORK IN PROCESS</b>											
All manufacturing industries . . . . .	130,732	131,707	132,130	-0.7	-0.3	+0.2	131,590	131,821	132,270	137,612	-4.4
Durable goods industries . . . . .	107,460	108,350	108,789	-0.8	-0.4	+0.1	108,136	108,616	109,016	114,808	-5.8
Stone, clay, and glass products . . . . .	1,097	1,101	1,091	-0.4	+0.9	-0.1	1,142	1,154	1,127	1,156	-1.2
Primary metals . . . . .	7,149	7,259	7,239	-1.5	+0.3	0.0	7,218	7,277	7,196	7,571	-4.7
Fabricated metal products . . . . .	7,120	7,250	7,230	-1.8	+0.3	-1.0	7,164	7,265	7,279	7,499	-4.5
Industrial machinery and equipment Electronic and other	16,795	17,035	17,258	-1.4	-1.3	-0.4	16,902	17,047	17,212	19,173	-11.8
electrical equipment . . . . .	14,069	13,976	13,919	+0.7	+0.4	+0.4	14,274	13,979	13,935	13,148	+8.6
Transportation equipment . . . . .	46,265	46,850	47,307	-1.2	-1.0	+0.1	46,460	47,146	47,498	50,436	-7.9
Instruments and related products . . . . .	10,360	10,370	10,497	-0.1	-1.2	+1.2	10,377	10,233	10,464	11,580	-10.4
Lumber, furniture and miscellaneous durable goods . . . . .	4,605	4,509	4,248	+2.1	+6.1	+0.7	4,599	4,515	4,305	4,245	+8.3
Nondurable goods industries . . . . .	23,272	23,357	23,341	-0.4	+0.1	+1.0	23,454	23,205	23,254	22,804	+2.9
Food and kindred products . . . . .	3,570	3,601	3,595	-0.9	+0.2	-1.3	3,483	3,617	3,646	3,385	+2.9
Tobacco products . . . . .	95	87	88	+9.2	-1.1	-5.4	77	78	91	55	+40.0
Textile mill products . . . . .	2,509	2,442	2,457	+2.7	-0.6	-0.2	2,536	2,426	2,459	2,455	+3.3
Paper and allied products . . . . .	1,098	1,097	1,139	+0.1	-3.7	+1.5	1,117	1,111	1,137	1,144	-2.4
Chemicals and allied products . . . . .	5,652	5,804	5,856	-2.6	-0.9	+2.1	5,788	5,674	5,862	5,598	+3.4
Petroleum and coal products . . . . .	2,998	2,937	2,936	+2.1	0.0	+3.5	2,994	2,896	2,838	3,029	-1.2
Rubber and plastics products . . . . .	1,557	1,537	1,538	+1.3	-0.1	+1.6	1,558	1,519	1,561	1,514	+2.9
Apparel, printing and publishing and leather goods . . . . .	5,793	5,852	5,732	-1.0	+2.1	+0.5	5,901	5,884	5,660	5,624	+4.9
<b>FINISHED GOODS</b>											
All manufacturing industries . . . . .	130,943	129,983	129,153	+0.7	+0.6	+0.4	132,689	130,347	130,723	128,758	+3.1
Durable goods industries . . . . .	62,239	61,406	60,845	+1.4	+0.9	+1.1	63,610	61,897	61,913	63,209	+0.6
Stone, clay, and glass products . . . . .	4,313	4,334	4,333	-0.5	0.0	-0.3	4,467	4,450	4,500	4,578	-2.4
Primary metals . . . . .	5,898	5,847	6,003	+0.9	-2.6	+2.2	6,026	5,909	6,082	6,338	-4.9
Fabricated metal products . . . . .	7,481	7,328	7,282	+2.1	+0.6	+0.6	7,788	7,526	7,419	7,758	+0.4
Industrial machinery and equipment Electronic and other	13,279	13,108	12,914	+1.3	+1.5	+0.2	13,495	13,052	13,304	13,349	+1.1
electrical equipment . . . . .	8,424	8,208	8,138	+2.6	+0.9	+1.5	8,598	8,194	8,123	8,899	-3.4
Transportation equipment . . . . .	7,913	7,839	7,835	+0.9	+0.1	+0.6	7,938	7,755	8,071	8,140	-2.5
Instruments and related products . . . . .	5,811	5,897	5,866	-1.5	+0.5	+2.7	5,960	5,924	5,813	5,637	+5.7
Lumber, furniture and miscellaneous durable goods . . . . .	9,120	8,845	8,474	+3.1	+4.4	+2.0	9,338	9,087	8,601	8,510	+9.7
Nondurable goods industries . . . . .	68,704	68,577	68,308	+0.2	+0.4	-0.2	69,079	68,450	68,810	65,549	+5.4
Food and kindred products . . . . .	17,084	17,025	16,942	+0.3	+0.5	+0.7	16,311	16,334	16,960	15,556	+4.9
Tobacco products . . . . .	1,197	1,382	1,313	-13.4	+5.3	-1.7	1,362	1,367	1,516	1,638	-16.8
Textile mill products . . . . .	4,128	4,051	3,968	+1.9	+2.1	-0.8	4,260	4,053	4,007	3,760	+13.3
Paper and allied products . . . . .	5,636	5,599	5,608	+0.7	-0.2	-0.2	5,896	5,758	5,750	5,877	+0.3
Chemicals and allied products . . . . .	17,512	17,519	17,629	0.0	-0.6	-0.6	17,829	18,108	18,053	17,255	+3.3
Petroleum and coal products . . . . .	5,815	5,635	5,485	+3.2	+2.7	-0.6	5,668	5,484	5,394	5,215	+8.7
Rubber and plastics products . . . . .	5,738	5,780	5,721	-0.7	+1.0	-0.8	5,955	5,972	5,897	5,318	+12.0
Apparel, printing and publishing and leather goods . . . . .	11,594	11,586	11,642	+0.1	-0.5	-0.3	11,798	11,374	11,233	10,930	+7.9

<sup>p</sup> Preliminary. <sup>r</sup> 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 <sup>1</sup>			
	Apr. 1993 <sup>p</sup>	Mar. 1993 <sup>r</sup>	Feb. 1993	Jan. 1993	Apr. 1993 <sup>p</sup>	Mar. 1993 <sup>r</sup>	Feb. 1993	Jan. 1993
All manufacturing industries . . . . .	1.49	1.46	1.47	1.50	3.48	3.43	3.51	3.56
Durable goods industries . . . . .	1.78	1.74	1.75	1.80	4.20	4.12	4.24	4.33
Stone, clay, and glass products . . . . .	1.42	1.50	1.44	1.53	1.37	1.43	1.36	1.37
Primary metals . . . . .	1.70	1.69	1.70	1.74	2.08	2.06	1.99	1.96
Fabricated metal products . . . . .	1.61	1.59	1.61	1.61	1.79	1.79	1.85	1.87
Industrial machinery and equipment . . . . .	1.94	1.83	1.92	1.93	2.40	2.24	2.37	2.35
Electronic and other electrical equipment . . . . .	1.68	1.64	1.67	1.75	2.27	2.23	2.33	2.49
Transportation equipment . . . . .	1.86	1.83	1.84	1.88	12.21	12.00	12.43	12.73
Instruments and related products . . . . .	2.28	2.25	2.26	2.28	5.38	5.24	5.29	5.38
Nondurable goods industries . . . . .	1.18	1.17	1.17	1.18	0.81	0.80	0.81	0.80
Food and kindred products . . . . .	0.90	0.91	0.92	0.91	(X)	(X)	(X)	(X)
Tobacco products . . . . .	2.63	2.35	2.43	2.20	(X)	(X)	(X)	(X)
Textile mill products . . . . .	1.55	1.54	1.49	1.45	(NA)	(NA)	(NA)	(NA)
Paper and allied products . . . . .	1.32	1.31	1.31	1.29	(NA)	(NA)	(NA)	(NA)
Chemicals and allied products . . . . .	1.36	1.35	1.37	1.40	(X)	(X)	(X)	(X)
Petroleum and coal products . . . . .	0.88	0.84	0.84	0.87	(X)	(X)	(X)	(X)
Rubber and plastics products . . . . .	1.32	1.29	1.26	1.28	(X)	(X)	(X)	(X)

<sup>p</sup> Preliminary. <sup>r</sup> Revised. (X) Not applicable. (NA) Not available.

<sup>1</sup> 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		
	Apr. <sup>1</sup> 1993	Apr. <sup>2</sup> 1988-1992	Apr. 1992-Mar. 1993	Apr. <sup>1</sup> 1993	Apr. <sup>2</sup> 1988-1992	Apr. 1992-Mar. 1993	Apr. <sup>1</sup> 1993	Apr. <sup>2</sup> 1988-1992	Apr. 1992-Mar. 1993	Apr. <sup>1</sup> 1993	Apr. <sup>2</sup> 1988-1992	Apr. 1992-Mar. 1993
All manufacturing industries . . . . .	(X)	0.1	0.2	(X)	0.2	0.3	(X)	0.1	0.1	(X)	0.0	0.1
Durable goods industries . . . . .	-0.2	0.2	0.3	-0.3	0.4	0.6	0.1	0.1	0.1	(X)	0.1	0.1
Stone, clay, and glass products . . . . .	(X)	1.3	0.8	(X)	1.8	1.5	(X)	1.0	0.7	(X)	0.2	0.2
Primary metals . . . . .	-0.7	0.1	0.3	-0.8	0.9	0.7	0.0	0.4	0.3	(X)	0.1	0.1
Fabricated metal products . . . . .	(X)	0.6	0.4	(X)	0.7	0.8	(X)	0.3	0.4	(X)	0.1	0.2
Industrial machinery and equipment . . . . .	0.3	0.3	0.4	0.4	0.8	0.5	0.0	0.2	0.1	(X)	0.0	0.1
Electronic and other electrical equipment . . . . .	-0.1	0.5	0.5	0.2	0.8	0.7	0.1	0.1	0.1	(X)	0.1	0.1
Transportation equipment . . . . .	-0.4	0.3	0.8	-1.2	0.6	1.9	0.1	0.0	0.2	(X)	0.1	0.2
Instruments and related products . . . . .	(X)	0.2	0.9	(X)	0.3	0.9	(X)	0.1	0.1	(X)	0.1	0.2
Nondurable goods industries . . . . .	(X)	0.1	0.1	(X)	0.2	0.1	(X)	0.5	0.4	(X)	0.0	0.1
Food and kindred products . . . . .	(X)	0.2	0.3	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.2	0.4
Tobacco products . . . . .	(X)	0.3	2.7	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.0	0.1
Textile mill products . . . . .	(X)	0.7	0.5	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	0.3	0.3
Paper and allied products . . . . .	(X)	0.3	0.2	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	0.2	0.4
Chemicals and allied products . . . . .	(X)	0.4	0.2	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.2	0.2
Petroleum and coal products . . . . .	(X)	0.4	0.3	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.3
Rubber and plastics products . . . . .	(X)	0.7	0.3	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.3	0.3
Capital goods industries :												
Nondefense . . . . .	-0.2	0.3	0.6	0.3	0.6	1.1	0.1	0.1	0.1	(X)	0.1	0.1
Defense . . . . .	-0.5	0.3	1.2	-5.5	2.0	5.6	0.2	0.0	0.2	(X)	0.0	0.4

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

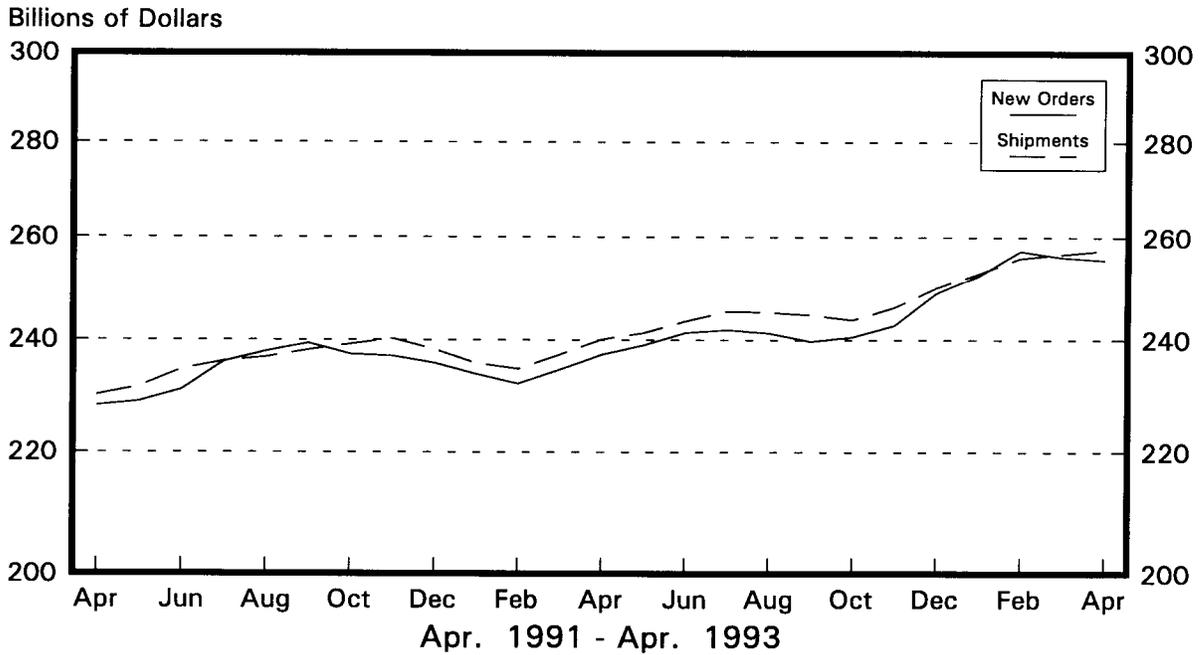
Note : The five year and the twelve month revisions are the differences between the month-to-month percent changes of the preliminary and final estimates. The monthly averages are the simple averages of the absolute values of the differences for the months specified. The advance to final percent change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

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

<sup>2</sup> Average for this month for the last five years.

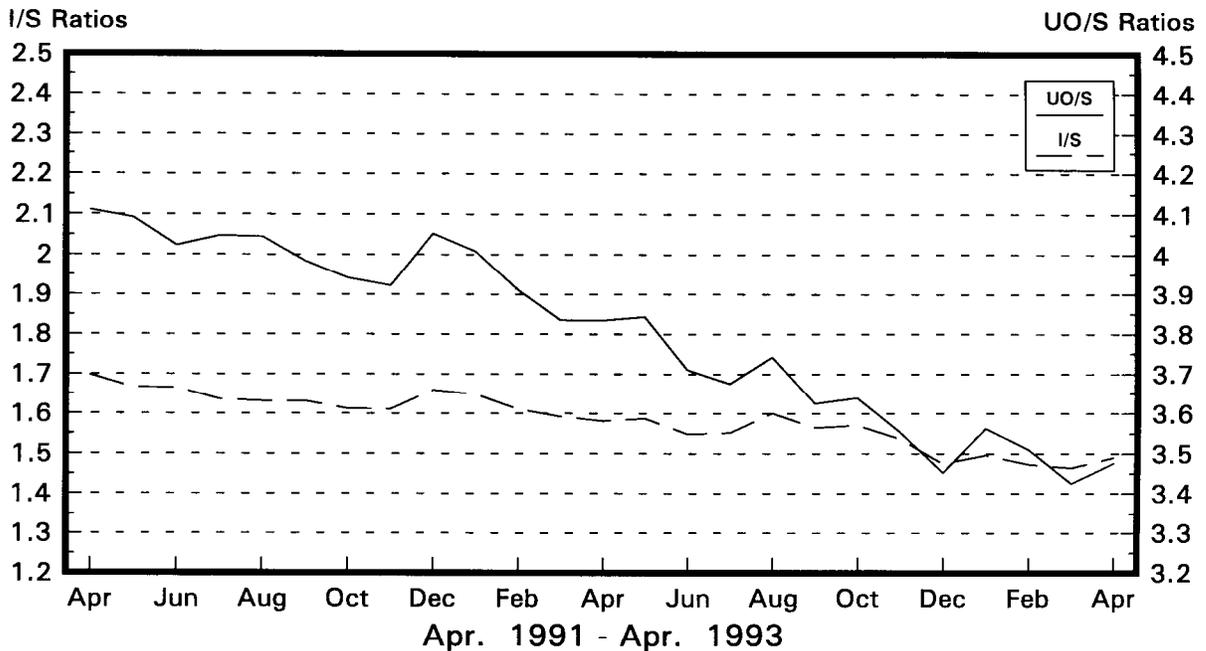
## Total Manufacturing

### New Orders and Shipments Three Month Moving Averages



## Total Manufacturing

### Ratio of Unfilled Orders and Inventories to Shipments

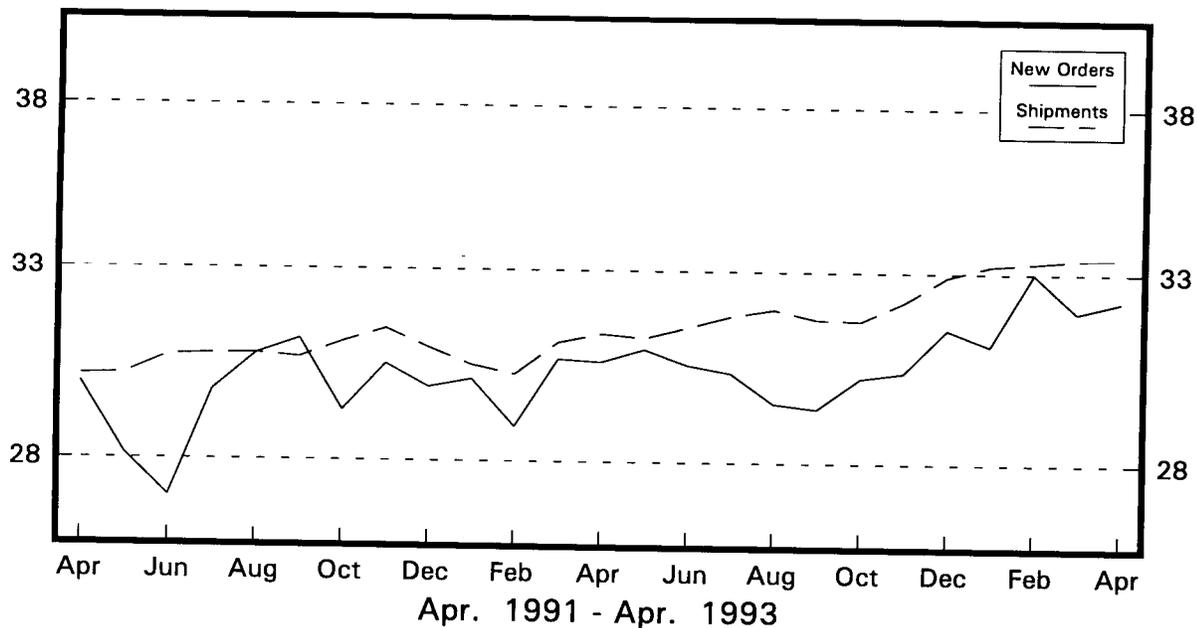


Note: All Charts based on seasonally adjusted current dollars.

# Nondefense Capital Goods

New Orders and Shipments  
Three Month Moving Averages

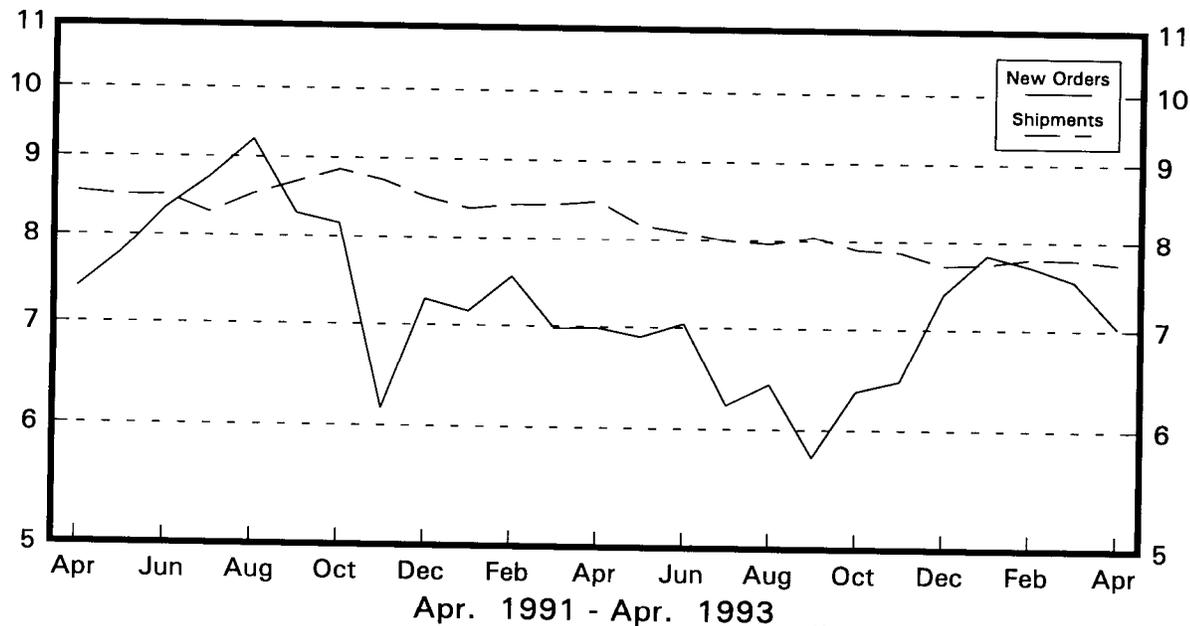
Billions of Dollars



# Defense Capital Goods

New Orders and Shipments  
Three Month Moving Averages

Billions of Dollars



Note: All Charts based on seasonally adjusted current dollars.

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### NOTICE

Revised historical data for Manufacturers' Shipments, Inventories, and Orders will be issued in mid-June. The primary purpose of the revision is to benchmark the data to the 1991 Annual Survey of Manufactures. Less significant revisions will reflect the addition of data received too late to include in the monthly press releases, corrections for misclassified reports, and updating the trading day adjustment methodology. Revisions related to benchmarking affect all industry categories.

Any questions regarding this announcement can be answered by calling Steve Andrews on (301) 763-2502.

