



U. S. Department of Commerce  
Economics and Statistics Administration  
BUREAU OF THE CENSUS

# Manufacturers' Shipments, Inventories, and Orders

**April 1996**

M3-1-(96)-4

For Wire Transmissions 10:00 a.m. E.D.T. June 4, 1996

For Data - (301) 457-4673

For Questions - Kathy Menth or Gloria Cable  
(301) 457-4804 or (301) 457-4832

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

## Summary

New orders for manufactured goods in April decreased \$0.4 billion or 0.1 percent to \$309.1 billion, the Department of Commerce, Bureau of the Census reported today. This follows a 1.7 percent March increase and is the third decline in the last four months. Excluding transportation, new orders increased 1.9 percent, the fourth increase in the last five months. Year to date, new orders are 3.0 percent above the same period a year ago.

Shipments, up for the third consecutive month, increased \$5.2 billion or 1.7 percent to \$309.9 billion, following a 0.3 percent March increase. Year to date, shipments are 2.5 percent above the same period a year ago.

Unfilled orders, down for the first month since August, decreased \$0.8 billion or 0.2 percent to \$479.0 billion, following a 1.0 percent March increase. The unfilled orders-to-shipments ratio was 2.84, down from 2.86 in March.

Inventories increased \$0.2 billion to \$421.7 billion, the eighteenth increase in the last nineteen months. This follows a 0.2 percent March decline. The inventories-to-shipments ratio was 1.36, down from 1.38 in March.

## New Orders

New orders for manufactured durable goods in April decreased \$3.3 billion or 1.9 percent to \$166.0 billion, unrevised from the previously published 1.9 percent decrease. This follows a 2.6 percent March increase and is the third decrease in the last four months. Excluding transportation, new orders increased 1.8 percent to \$128.1 billion, the fourth increase in the last five months.

Transportation equipment, down three of the last four months, had the largest decrease, \$5.6 billion or 12.8 percent to \$37.9 billion, as a large decrease in aircraft and parts more than offset an increase in motor vehicles and parts. This follows a 14.6 percent March increase. Electronic and other electrical equipment, down three of the last four months, decreased \$0.8 billion or 2.7 percent to \$27.3 billion, due to communication equipment. This follows a 4.9 percent March increase. Primary metals, up for the first month since October, increased \$1.0 billion or 7.3 percent to \$14.9 billion, following a 3.6 percent March decrease. Fabricated metal products, up for the first month since January, increased \$0.8 billion or 5.3 percent to \$16.6 billion, following a 1.6 percent March decline. Instruments and related products increased \$0.8 billion or 7.0 percent to \$12.1 billion, following a 8.8 percent March decline. Industrial machinery and equipment, up three of the last four months, increased \$0.1 billion or 0.4 percent to \$32.8 billion. This follows a 4.7 percent March decrease.

New orders for nondurable goods, up six of the last seven months, increased \$2.8 billion or 2.0 percent to \$143.0 billion, following a 0.7 percent March increase. Nearly every category increased led by petroleum and coal products, food and kindred products, chemicals and allied products, and paper and allied products.

## Shipments

Shipments of durable goods in April increased \$3.0 billion or 1.9 percent to \$166.9 billion, revised from the previously published 1.8 percent increase. This follows a 0.2 percent March decrease and is the second increase in the last three months.

Transportation equipment, up two of the last three months, had the largest increase, \$2.5 billion or 6.8 percent to \$39.1 billion, due to motor vehicles

and parts. This follows a 3.0 percent March decrease. Fabricated metal products, up for the first month since January, increased \$0.8 billion or 4.9 percent to \$16.6 billion. Primary metals, up for the first month since September, increased \$0.5 billion or 3.3 percent to \$14.7 billion, following a 0.2 percent March decline. Industrial machinery and equipment, down three of the last four months, decreased \$0.6 billion or 1.8 percent to \$32.6 billion, following a 1.0 percent March decrease. Electronic and other electrical equipment, down for the first month since January, decreased \$0.3 billion or 1.1 percent to \$27.8 billion, following a 1.5 percent March increase.

Shipments of nondurable goods, up five of the last six months, increased \$2.2 billion or 1.5 percent to \$142.9 billion, following a 0.9 percent March increase. Petroleum and coal products, up for the sixth consecutive month, had the largest increase, \$1.0 billion or 6.9 percent to \$16.1 billion. Food and kindred products and chemicals and allied products also had large increases.

## Unfilled Orders

Unfilled orders for durable goods in April decreased \$0.9 billion or 0.2 percent to \$456.4 billion, unrevised from the previously published 0.2 percent decrease. This follows a 1.2 percent March increase and is the first decline since August.

Transportation equipment, down for the first month since October, decreased \$1.3 billion or 0.6 percent to \$217.2 billion; led by aircraft and parts, all component industries declined. This follows a 3.2 percent March increase. Electronic and other electrical equipment, down two of the last three months, decreased \$0.4 billion or 0.8 percent to \$53.6 billion, following a slight March increase. Instruments and related products, up six of the last seven months, increased \$0.4 billion or 0.8 percent to \$46.7 billion, following a 0.8 percent March decline. Industrial machinery and equipment, up three of the last four months, increased \$0.2 billion or 0.3 percent to \$73.9 billion. This follows a 0.7 percent March decrease. Primary metals increased \$0.2 billion or 0.6 percent to \$28.4 billion, following a 1.3 percent March decrease.

## Inventories

Inventories of durable goods in April, up eighteen of the last nineteen months, increased \$0.3 billion or 0.1 percent to \$267.5 billion, following a slight March decrease. Electronic and other electrical equipment had the largest increase, \$0.5 billion or 1.1 percent to \$47.6 billion, following decreases of 0.5 percent in March and 0.8 percent in February. Industrial machinery and equipment, up nine of the last ten months, increased \$0.4 billion or 0.6 percent to \$55.7 billion, following a 0.3 percent March decline. Instruments and related products, up for the eleventh consecutive month, increased \$0.1 billion or 0.5 percent to \$23.6 billion following a 1.0 percent March increase. Transportation equipment, down for the first month since December, decreased \$0.2 billion or 0.3 percent to \$61.1 billion. This follows a 0.7 percent March increase. Primary metals, down for the first month since November, decreased \$0.2 billion or 0.7 percent to \$21.9 billion, following a 0.8 percent March increase.

Inventories of nondurable goods decreased \$0.1 billion or 0.1 percent to \$154.2 billion, following a 0.4 percent March decline. Decreases were led by paper and allied products and rubber and plastic products.

By stage of fabrication, April finished goods decreased 0.2 percent in durables and 0.3 percent in nondurables. Work in process increased 0.4 percent in durables and 0.5 percent in nondurables. Materials and supplies increased 0.1 percent in durables and decreased 0.1 percent in nondurables.

## SEE BACK PAGE FOR UPCOMING REVISIONS

The advance report on durable goods for May is scheduled for June 26, 1996 at 8:30 a.m. and the full report on July 3, 1996 at 10:00 a.m. For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. This report is also available the day of issue through the Department of Commerce's online Economic Bulletin Board (N-8-1) (202-482-3870) and through the Census Bureau's online information service--CENDATA. CENDATA is available from Dialog Information Services, Inc. (1-800-334-2564) and CompuServe (1-800-848-8199). The CENDATA staff at the Bureau of the Census (301-457-1305) can provide content information and general guidance.

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

Industry	Seasonally adjusted						Not seasonally adjusted <sup>1</sup>						
	Monthly			Percent Change			Monthly				Percent change	Year to date	
	Apr. 1996 <sup>p</sup>	Mar. 1996 <sup>r</sup>	Feb. 1996	Mar.-Apr.	Feb.-Mar.	Jan.-Feb.	Apr. 1996 <sup>p</sup>	Mar. 1996 <sup>r</sup>	Feb. 1996	Apr. 1995		1996 <sup>p</sup>	1995
All manufacturing industries . . . . .	309,854	304,660	303,812	+1.7	+0.3	+0.8	307,164	319,575	301,631	292,233	+5.1	1,200,184	1,169,685
Manufacturing Industries													
with unfilled orders . . . . .	168,547	167,856	167,481	+0.4	+0.2	+1.4	164,137	178,822	164,857	157,515	+4.2	654,447	634,699
without defense capital goods . . .	303,662	298,207	297,535	+1.8	+0.2	+0.8	301,436	312,696	295,599	286,170	+5.3	1,176,355	1,144,712
Durable goods industries . . . . .	166,904	163,867	164,254	+1.9	-0.2	+1.3	165,560	176,514	164,940	156,874	+5.5	650,470	634,739
With unfilled orders . . . . .	133,704	132,946	132,741	+0.6	+0.2	+1.8	129,897	143,646	130,665	123,301	+5.3	518,805	500,085
Stone, clay, and glass products . . . .	7,530	7,486	7,329	+0.6	+2.1	-2.3	7,750	7,308	6,753	6,831	+13.5	28,246	26,506
Primary metals . . . . .	14,714	14,245	14,269	+3.3	-0.2	-1.1	15,083	14,946	14,684	15,205	-0.8	58,420	61,287
Blast furnaces, steel mills . . . . .	6,194	5,944	6,036	+4.2	-1.5	-1.3	6,336	6,258	6,291	6,375	-0.6	24,801	25,977
Iron and steel foundries . . . . .	1,373	1,288	1,291	+6.6	-0.2	-0.6	1,464	1,364	1,345	1,330	+10.1	5,396	5,421
Nonferrous and other primary metals . . . . .	7,147	7,013	6,942	+1.9	+1.0	-1.0	7,283	7,324	7,048	7,500	-2.9	28,223	29,889
Fabricated metal products . . . . .	16,557	15,781	15,947	+4.9	-1.0	-1.8	16,619	16,547	16,052	15,637	+6.3	64,011	62,781
Industrial machinery and equipment . .	32,600	33,184	33,534	-1.8	-1.0	+4.6	31,150	39,086	32,763	29,119	+7.0	129,891	118,368
Engines and turbines . . . . .	1,632	1,832	1,869	-10.9	-2.0	+0.4	1,568	2,107	1,836	1,865	-15.9	7,023	7,314
Farm and garden machinery . . . . .	1,814	1,905	1,937	-4.8	-1.7	+1.6	2,404	2,630	2,348	2,469	-2.6	9,096	8,905
Construction, mining and material handling equipment . . . .	3,450	3,479	3,370	-0.8	+3.2	-0.6	3,536	3,855	3,526	3,192	+10.8	14,013	12,792
Metalworking machinery . . . . .	3,525	3,505	3,544	+0.6	-1.1	+8.8	3,296	3,748	3,464	3,162	+4.2	13,178	12,660
Computer and office equipment . . .	9,493	9,885	10,278	-4.0	-3.8	+15.8	7,433	12,745	9,016	6,541	+13.6	35,667	29,871
Electronic and other													
electrical equipment . . . . .	27,783	28,088	27,678	-1.1	+1.5	+2.5	26,156	29,687	26,717	23,594	+10.9	106,130	95,655
Electrical transmission and distribution equipment and industrial apparatus . . . . .	2,871	2,804	2,756	+2.4	+1.7	-2.7	2,857	3,063	2,838	2,733	+4.5	11,236	11,301
Household appliances . . . . .	2,006	2,034	1,928	-1.4	+5.5	-0.4	2,008	2,212	1,827	1,837	+9.3	7,700	7,278
Electric lighting and wiring equipment . . . . .	1,952	1,969	1,931	-0.9	+2.0	-0.4	1,876	2,119	2,004	1,841	+1.9	7,734	7,652
Household audio and video equipment . . . . .	1,358	1,256	1,171	+8.1	+7.3	+5.6	1,099	1,183	1,066	898	+22.4	4,254	3,904
Communications equipment . . . . .	6,601	6,959	6,719	-5.1	+3.6	+6.5	5,997	7,635	6,111	5,471	+9.6	24,847	21,784
Electronic components . . . . .	10,760	10,882	10,816	-1.1	+0.6	+1.0	10,276	11,386	10,618	8,805	+16.7	42,108	35,730
Transportation equipment . . . . .	39,131	36,649	37,787	+6.8	-3.0	+1.2	41,050	39,225	40,914	39,707	+3.4	154,739	161,194
Motor vehicles and parts . . . . .	28,464	25,353	27,197	+12.3	-6.8	-1.2	30,560	26,939	30,685	28,230	+8.3	113,826	116,772
Aircraft, missiles, space vehicles, and parts . . . . .	7,865	8,243	7,690	-4.6	+7.2	+6.3	7,532	8,938	7,363	8,443	-10.8	29,443	32,736
Shipbuilding and tanks . . . . .	866	796	854	+8.8	-6.8	+4.8	843	841	843	793	+6.3	3,217	3,319
Instruments and related products . . .	11,731	11,705	11,812	+0.2	-0.9	+1.5	11,129	12,464	11,506	10,685	+4.2	45,409	44,358
Search and navigation equipment . . .	2,370	2,364	2,461	+0.3	-3.9	-0.8	2,180	2,544	2,448	2,380	-8.4	9,274	9,951
Measuring and controlling devices . .	3,782	3,785	3,834	-0.1	-1.3	+4.3	3,593	4,162	3,754	3,274	+9.7	14,857	14,002
Medical instruments and supplies . .	3,246	3,281	3,252	-1.1	+0.9	+3.8	3,093	3,519	3,213	2,866	+7.9	12,716	12,092
Photographic goods . . . . .	1,893	1,850	1,859	+2.3	-0.5	-3.6	1,810	1,805	1,711	1,753	+3.3	6,923	6,767
All other durable goods . . . . .	16,858	16,729	15,898	+0.8	+5.2	-0.1	16,623	17,251	15,551	16,096	+3.3	63,624	64,590
Nondurable goods industries . . . . .	142,950	140,793	139,558	+1.5	+0.9	+0.2	141,604	143,061	136,691	135,359	+4.6	549,714	534,946
With unfilled orders . . . . .	34,843	34,910	34,740	-0.2	+0.5	-0.2	34,240	35,176	34,192	34,214	+0.1	135,642	134,614
Food and kindred products . . . . .	38,372	37,807	37,816	+1.5	0.0	-1.2	37,232	38,346	36,933	35,034	+6.3	147,789	140,382
Meat products . . . . .	8,836	8,878	8,701	-0.5	+2.0	+0.5	8,580	8,792	8,431	8,163	+5.1	33,892	31,667
Dairy products . . . . .	4,770	4,810	4,803	-0.8	+0.1	-3.5	4,675	4,909	4,724	4,593	+1.8	19,022	18,574
Beverages . . . . .	5,882	5,645	5,588	+4.2	+1.0	-1.7	5,847	5,598	5,017	5,296	+10.4	21,333	19,832
All other foods, except fats and oils .	16,755	16,527	16,462	+1.4	+0.4	-2.5	16,001	17,100	16,499	15,108	+5.9	65,141	62,405
Tobacco products . . . . .	2,940	3,014	3,017	-2.5	-0.1	-0.8	2,787	3,142	2,851	2,865	-2.7	11,428	11,037
Textile mill products . . . . .	6,005	6,094	6,006	-1.5	+1.5	+2.9	5,771	6,465	5,837	6,052	-4.6	23,066	24,511
Broadwoven fabrics and other textiles . . . . .	3,713	3,755	3,678	-1.1	+2.1	+0.3	3,598	4,072	3,643	3,785	-4.9	14,526	15,551
Paper and allied products . . . . .	13,003	13,053	13,218	-0.4	-1.2	-1.7	12,644	13,189	13,247	13,326	-5.1	51,959	53,158
Pulp, paper, and paperboard mill products . . . . .	5,147	5,184	5,297	-0.7	-2.1	-3.3	5,003	5,235	5,306	5,883	-15.0	20,780	22,980
Paperboard containers and boxes . .	3,439	3,539	3,659	-2.8	-3.3	-1.6	3,449	3,564	3,626	3,615	-4.6	14,193	14,287
Miscellaneous converted paper products . . . . .	4,417	4,330	4,262	+2.0	+1.6	+0.3	4,192	4,390	4,315	3,828	+9.5	16,986	15,891
Chemicals and allied products . . . . .	30,901	30,380	30,259	+1.7	+0.4	-1.1	32,027	32,175	29,998	30,905	+3.6	123,322	122,664
Industrial chemicals . . . . .	16,035	15,928	15,843	+0.7	+0.5	-0.6	16,516	16,632	16,030	16,962	-2.6	64,380	67,650
Drugs, soaps, and toiletries . . . . .	11,096	11,069	10,801	+0.2	+2.5	-0.9	10,530	11,605	10,381	9,637	+9.3	43,123	40,227
Petroleum and coal products . . . . .	16,069	15,038	14,262	+6.9	+5.4	+2.5	16,021	13,783	12,961	13,298	+20.5	55,216	48,572
Rubber and plastics products . . . . .	10,292	10,081	10,016	+2.1	+0.6	+2.0	10,576	10,660	10,092	10,251	+3.2	40,435	40,544
All other nondurable goods . . . . .	25,368	25,326	24,964	+0.2	+1.5	+2.4	24,546	25,301	24,772	23,628	+3.9	96,499	94,078

<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.

See note at end of table 2 relating to survey variability.

**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. 1996 <sup>p</sup>	Mar. 1996 <sup>r</sup>	Feb. 1996	Mar.-Apr.	Feb.-Mar.	Jan.-Feb.	Apr. 1996 <sup>p</sup>	Mar. 1996 <sup>r</sup>	Feb. 1996	Apr. 1995		1996 <sup>p</sup>	1995
											Apr. 96/95		
All manufacturing industries . . . . .	309,053	309,485	304,281	-0.1	+1.7	-1.5	308,238	326,253	303,942	291,915	+5.6	1,224,521	1,185,762
Manufacturing industries													
with unfilled orders . . . . .	167,746	172,681	167,950	-2.9	+2.8	-2.7	165,211	185,500	167,168	157,197	+5.1	678,784	650,776
without defense capital goods . . . . .	302,895	300,034	298,496	+1.0	+0.5	-0.9	302,936	313,892	298,999	287,493	+5.4	1,195,049	1,161,106
Durable goods industries . . . . .	166,006	169,278	164,980	-1.9	+2.6	-2.5	166,179	183,169	167,205	156,020	+6.5	673,535	648,535
With unfilled orders . . . . .	132,806	138,357	133,467	-4.0	+3.7	-2.9	130,516	150,301	132,930	122,447	+6.6	541,870	513,881
Stone, clay, and glass products . . . . .	7,592	7,514	7,304	+1.0	+2.9	-2.9	7,836	7,197	7,104	6,676	+17.4	28,706	26,741
Primary metals . . . . .	14,871	13,859	14,372	+7.3	-3.6	-0.1	15,076	15,193	15,601	14,813	+1.8	60,975	64,105
Blast furnaces, steel mills . . . . .	6,106	5,629	5,877	+8.5	-4.2	-4.3	6,098	6,175	6,705	6,202	-1.7	25,830	27,741
Iron and steel foundries . . . . .	1,392	1,291	1,533	+7.8	-15.8	+9.7	1,474	1,404	1,640	1,390	+6.0	5,979	5,745
Nonferrous and other primary metals . . . . .	7,373	6,939	6,962	+6.3	-0.3	+1.6	7,504	7,614	7,256	7,221	+3.9	29,166	30,619
Fabricated metal products . . . . .	16,563	15,733	15,984	+5.3	-1.6	-1.5	16,621	16,555	16,238	15,636	+6.3	64,415	63,605
Industrial machinery and equipment . . . . .	32,803	32,664	34,266	+0.4	-4.7	+4.5	31,396	37,448	33,856	29,286	+7.2	131,514	123,092
Engines and turbines . . . . .	1,623	1,522	1,895	+6.6	-19.7	-4.2	1,320	1,470	1,676	1,510	-12.6	5,971	6,245
Construction, mining and material handling equipment . . . . .	3,520	3,366	3,788	+4.6	-11.1	+10.6	3,489	3,883	4,065	3,145	+10.9	14,787	13,746
Metalworking machinery . . . . .	3,442	3,524	3,790	-2.3	-7.0	+9.4	3,213	3,767	3,710	3,402	-5.6	13,565	13,984
Computer and office equipment . . . . .	9,564	9,720	10,016	-1.6	-3.0	+14.8	7,849	12,321	9,007	6,915	+13.5	35,399	30,946
Electronic and other electrical equipment . . . . .	27,340	28,108	26,799	-2.7	+4.9	-2.1	27,457	28,549	26,006	25,949	+5.8	108,188	102,198
Electrical transmission and distribution equipment and industrial apparatus . . . . .	2,747	2,843	2,870	-3.4	-0.9	+3.0	2,751	3,082	2,971	2,782	-1.1	11,288	11,632
Electric lighting and wiring equipment . . . . .	1,984	1,989	1,979	-0.3	+0.5	-3.4	1,908	2,139	2,052	1,840	+3.7	7,945	7,882
Communications equipment . . . . .	6,672	7,632	6,975	-12.6	+9.4	+0.6	6,134	8,304	6,393	5,568	+10.2	26,527	23,056
Electronic components . . . . .	10,303	10,232	9,482	+0.7	+7.9	-5.5	11,545	9,839	9,380	11,179	+3.3	41,759	40,950
Transportation equipment . . . . .	37,879	43,437	37,900	-12.8	+14.6	-12.4	39,713	48,425	40,643	37,141	+6.9	169,026	159,688
Aircraft, missiles, space vehicles, and parts . . . . .	7,281	15,582	8,372	-53.3	+86.1	-31.3	6,865	18,597	7,525	6,479	+6.0	44,060	31,598
Shipbuilding and tanks . . . . .	423	554	577	-23.6	-4.0	-65.8	453	693	601	353	+28.3	3,345	2,808
Instruments and related products . . . . .	12,109	11,314	12,406	+7.0	-8.8	+5.4	11,057	12,349	12,014	10,008	+10.5	45,853	43,280
Search and navigation equipment . . . . .	2,476	2,337	2,822	+5.9	-17.2	+20.5	1,911	2,686	2,706	1,733	+10.3	9,257	8,725
Measuring and controlling devices . . . . .	3,943	3,620	3,841	+8.9	-5.8	-2.1	3,754	3,997	3,761	3,343	+12.3	15,107	14,475
Medical instruments and supplies . . . . .	3,294	2,967	3,382	+11.0	-12.3	+4.9	3,141	3,205	3,343	2,812	+11.7	12,671	11,684
All other durable goods . . . . .	16,849	16,649	15,949	+1.2	+4.4	+0.4	17,023	17,453	15,743	16,511	+3.1	64,858	65,826
Nondurable goods industries . . . . .	143,047	140,207	139,301	+2.0	+0.7	-0.2	142,059	143,084	136,737	135,895	+4.5	550,986	537,227
With unfilled orders . . . . .	34,940	34,324	34,483	+1.8	-0.5	-1.8	34,695	35,199	34,238	34,750	-0.2	136,914	136,895

<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.

Note : Estimates of manufacturers' shipments, inventories and orders are subject to survey error and revision. One major component of survey error is nonsampling error, which includes errors of coverage, response, and nonreporting. Since the survey panel is not a probability sample, estimates of sampling error cannot be calculated. Further details on survey design, methodology, and data limitations are contained in our most recent annual benchmark publication, Current Industrial Reports: M3-1(92), "Manufacturers' Shipments, Inventories, and Orders: 1982-1992."

**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. 96/95
	Apr. 1996 <sup>p</sup>	Mar. 1996 <sup>r</sup>	Feb. 1996	Mar.- Apr.	Feb.- Mar.	Jan.- Feb.	Apr. 1996 <sup>p</sup>	Mar. 1996 <sup>r</sup>	Feb. 1996	Apr. 1995	
All manufacturing industries . . . . .	478,959	479,760	474,936	-0.2	+1.0	+0.1	485,694	484,620	477,942	467,845	+3.8
Manufacturing industries without defense capital goods . . . . .	367,451	368,218	366,391	-0.2	+0.5	+0.3	371,766	370,266	369,070	355,057	+4.7
Durable goods industries . . . . .	456,428	457,326	451,916	-0.2	+1.2	+0.2	462,524	461,905	455,250	441,244	+4.8
Stone, clay, and glass products . . . . .	8,090	8,028	8,000	+0.8	+0.3	-0.3	8,100	8,014	8,125	7,749	+4.5
Primary metals . . . . .	28,380	28,223	28,609	+0.6	-1.3	+0.4	30,037	30,044	29,797	30,677	-2.1
Blast furnaces, steel mills . . . . .	11,901	11,989	12,304	-0.7	-2.6	-1.3	12,698	12,936	13,019	12,415	+2.3
Iron and steel foundries . . . . .	4,011	3,992	3,989	+0.5	+0.1	+6.5	4,123	4,113	4,073	4,011	+2.8
Nonferrous and other primary metals . . . . .	12,468	12,242	12,316	+1.8	-0.6	+0.2	13,216	12,995	12,705	14,251	-7.3
Fabricated metal products . . . . .	20,964	20,958	21,006	0.0	-0.2	+0.2	21,095	21,093	21,085	21,316	-1.0
Industrial machinery and equipment . . . . .	73,906	73,703	74,223	+0.3	-0.7	+1.0	74,025	73,779	75,417	71,920	+2.9
Engines and turbines . . . . .	10,259	10,268	10,578	-0.1	-2.9	+0.2	9,807	10,055	10,692	9,555	+2.6
Construction, mining and material handling equipment . . . . .	8,955	8,885	8,998	+0.8	-1.3	+4.9	9,233	9,280	9,252	7,953	+16.1
Metalworking machinery . . . . .	9,937	10,020	10,001	-0.8	+0.2	+2.5	9,937	10,020	10,001	10,901	-8.8
Computer and office equipment . . . . .	11,167	11,096	11,261	+0.6	-1.5	-2.3	10,955	10,539	10,963	12,275	-10.8
Electronic and other electrical equipment . . . . .	53,569	54,012	53,992	-0.8	0.0	-1.6	54,818	53,517	54,655	52,675	+4.1
Electrical transmission and distribution equipment and industrial apparatus . . . . .	5,713	5,837	5,798	-2.1	+0.7	+2.0	5,731	5,837	5,818	6,077	-5.7
Electric lighting and wiring equipment . . . . .	4,054	4,022	4,002	+0.8	+0.5	+1.2	4,054	4,022	4,002	3,873	+4.7
Communications equipment . . . . .	18,888	18,817	18,144	+0.4	+3.7	+1.4	18,937	18,800	18,131	16,276	+16.3
Electronic components . . . . .	19,943	20,400	21,050	-2.2	-3.1	-6.0	21,219	19,950	21,497	21,152	+0.3
Transportation equipment . . . . .	217,244	218,496	211,709	-0.6	+3.2	+0.1	219,756	221,093	211,893	201,668	+9.0
Aircraft, missiles, space vehicles, and parts . . . . .	189,303	189,887	182,548	-0.3	+4.0	+0.4	191,546	192,213	182,554	169,754	+12.8
Shipbuilding and tanks . . . . .	16,290	16,733	16,976	-2.6	-1.4	-1.6	16,382	16,772	16,920	18,428	-11.1
Instruments and related products . . . . .	46,663	46,285	46,676	+0.8	-0.8	+1.3	46,812	46,884	46,999	46,940	-0.3
Search and navigation equipment . . . . .	29,342	29,236	29,263	+0.4	-0.1	+1.2	29,470	29,739	29,597	30,481	-3.3
Measuring and controlling devices . . . . .	10,356	10,195	10,360	+1.6	-1.6	+0.1	10,356	10,195	10,360	9,722	+6.5
Medical instruments and supplies . . . . .	5,898	5,850	6,164	+0.8	-5.1	+2.2	5,898	5,850	6,164	5,884	+0.2
All other durable goods . . . . .	7,612	7,621	7,701	-0.1	-1.0	+0.7	7,881	7,481	7,279	8,299	-5.0
Nondurable goods industries . . . . .	22,531	22,434	23,020	+0.4	-2.5	-1.1	23,170	22,715	22,692	26,601	-12.9

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

See note at end of table 2 relating to survey variability.

**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. 96/95
	Apr. 1996 <sup>p</sup>	Mar. 1996 <sup>r</sup>	Feb. 1996	Mar.- Apr.	Feb.- Mar.	Jan.- Feb.	Apr. 1996 <sup>p</sup>	Mar. 1996 <sup>r</sup>	Feb. 1996	Apr. 1995	
All manufacturing industries . . . . .	421,705	421,521	422,203	0.0	-0.2	+0.2	423,282	420,801	424,187	407,559	+3.9
Manufacturing industries with unfilled orders . . . . .	284,234	284,253	284,904	0.0	-0.2	+0.1	285,562	282,770	285,336	272,160	+4.9
without defense capital goods . . . . .	400,820	400,344	401,208	+0.1	-0.2	+0.2	402,341	399,687	403,440	385,546	+4.4
Durable goods industries . . . . .	267,511	267,190	267,264	+0.1	0.0	+0.3	268,502	266,391	269,058	256,567	+4.7
With unfilled orders . . . . .	245,766	245,441	245,399	+0.1	0.0	+0.2	246,703	243,961	246,136	234,876	+5.0
Stone, clay, and glass products . . . . .	8,183	8,243	8,272	-0.7	-0.4	+0.4	8,360	8,388	8,400	8,321	+0.5
Primary metals . . . . .	21,891	22,045	21,879	-0.7	+0.8	+0.1	21,904	21,986	21,884	21,777	+0.6
Blast furnaces, steel mills . . . . .	10,674	10,825	10,639	-1.4	+1.7	+0.1	10,493	10,646	10,653	10,215	+2.7
Iron and steel foundries . . . . .	1,712	1,711	1,683	+0.1	+1.7	+2.6	1,763	1,762	1,692	1,673	+5.4
Nonferrous and other primary metals . . . . .	9,505	9,509	9,557	0.0	-0.5	-0.4	9,648	9,578	9,539	9,889	-2.4
Fabricated metal products . . . . .	24,538	24,644	24,871	-0.4	-0.9	+0.7	24,901	24,924	25,085	25,734	-3.2
Industrial machinery and equipment . . . . .	55,654	55,299	55,443	+0.6	-0.3	+0.4	55,709	54,544	56,211	51,770	+7.6
Engines and turbines . . . . .	3,574	3,580	3,657	-0.2	-2.1	-2.0	3,537	3,455	3,554	3,728	-5.1
Farm and garden machinery . . . . .	2,859	2,798	2,751	+2.2	+1.7	+0.7	2,833	2,953	3,049	2,757	+2.8
Construction, mining and material handling equipment . . . . .	6,537	6,492	6,587	+0.7	-1.4	+0.7	6,648	6,614	6,691	6,499	+2.3
Metalworking machinery . . . . .	6,590	6,609	6,638	-0.3	-0.4	+0.2	6,597	6,503	6,618	6,005	+9.9
Computer and office equipment . . . . .	13,081	12,906	13,052	+1.4	-1.1	+0.3	12,885	12,041	13,262	11,076	+16.3
Electronic and other electrical equipment . . . . .	47,642	47,126	47,369	+1.1	-0.5	-0.8	47,920	46,626	47,357	43,509	+10.1
Electrical transmission and distribution equipment and industrial apparatus . . . . .	4,401	4,407	4,659	-0.1	-5.4	0.0	4,402	4,368	4,610	4,872	-9.6
Household appliances . . . . .	2,625	2,654	2,738	-1.1	-3.1	+0.7	2,824	2,794	2,881	3,120	-9.5
Electric lighting and wiring equipment . . . . .	3,214	3,223	3,264	-0.3	-1.3	-0.8	3,230	3,199	3,254	3,244	-0.4
Household audio and video equipment . . . . .	1,808	1,802	1,843	+0.3	-2.2	+2.0	1,774	1,711	1,758	1,483	+19.6
Communications equipment . . . . .	15,980	15,574	15,507	+2.6	+0.4	-1.7	16,292	15,389	15,651	14,159	+15.1
Electronic components . . . . .	15,707	15,529	15,464	+1.1	+0.4	-1.0	15,456	15,231	15,381	12,926	+19.6
Transportation equipment . . . . .	61,087	61,251	60,815	-0.3	+0.7	+1.2	61,083	61,412	61,133	58,644	+4.2
Motor vehicles and parts . . . . .	12,369	12,461	12,122	-0.7	+2.8	-0.1	12,309	12,498	12,247	12,236	+0.6
Aircraft, missiles, space vehicles, and parts . . . . .	43,954	44,048	43,895	-0.2	+0.3	+1.6	43,946	44,027	43,908	41,642	+5.5
Shipbuilding and tanks . . . . .	1,673	1,709	1,672	-2.1	+2.2	-0.4	1,724	1,743	1,709	1,570	+9.8
Instruments and related products . . . . .	23,556	23,435	23,207	+0.5	+1.0	+0.4	23,676	23,229	23,104	22,125	+7.0
Search and navigation equipment . . . . .	5,818	5,726	5,624	+1.6	+1.8	-1.6	5,871	5,633	5,642	5,550	+5.8
Measuring and controlling devices . . . . .	7,701	7,677	7,614	+0.3	+0.8	+1.3	7,740	7,675	7,596	7,028	+10.1
Medical instruments and supplies . . . . .	6,574	6,568	6,552	+0.1	+0.2	+0.7	6,581	6,464	6,507	6,115	+7.6
Photographic goods . . . . .	2,586	2,592	2,553	-0.2	+1.5	+0.8	2,596	2,585	2,497	2,539	+2.2
All other durable goods . . . . .	24,960	25,147	25,408	-0.7	-1.0	-0.5	24,949	25,282	25,884	24,687	+1.1
Nondurable goods industries . . . . .	154,194	154,331	154,939	-0.1	-0.4	+0.1	154,780	154,410	155,129	150,992	+2.5
With unfilled orders . . . . .	38,468	38,812	39,505	-0.9	-1.8	-0.5	38,859	38,809	39,200	37,284	+4.2
Food and kindred products . . . . .	31,987	31,671	31,660	+1.0	0.0	+0.7	31,237	31,339	31,800	30,303	+3.1
Meat products . . . . .	4,121	4,061	4,067	+1.5	-0.1	+1.0	4,187	4,125	4,134	3,524	+18.8
Dairy products . . . . .	2,651	2,542	2,668	+4.3	-4.7	-4.1	2,725	2,507	2,620	2,880	-5.4
Beverages . . . . .	5,417	5,433	5,390	-0.3	+0.8	+0.9	5,450	5,497	5,383	5,359	+1.7
All other foods, except fats and oils . . . . .	17,658	17,582	17,513	+0.4	+0.4	+1.1	16,669	17,053	17,488	16,987	-1.9
Tobacco products . . . . .	5,534	5,555	5,578	-0.4	-0.4	+0.1	5,484	5,631	5,960	5,412	+1.3
Textile mill products . . . . .	10,199	10,230	10,332	-0.3	-1.0	-0.6	10,470	10,280	10,461	10,411	+0.6
Broadwoven fabrics and other textiles . . . . .	5,692	5,707	5,758	-0.3	-0.9	-0.1	5,829	5,722	5,848	5,789	+0.7
Paper and allied products . . . . .	16,455	16,684	16,813	-1.4	-0.8	-0.1	16,692	16,846	16,889	15,130	+10.3
Pulp, paper, and paperboard mill products . . . . .	7,068	7,229	7,237	-2.2	-0.1	+1.3	7,174	7,338	7,305	5,808	+23.5
Paperboard containers and boxes . . . . .	4,192	4,239	4,314	-1.1	-1.7	-1.7	4,209	4,240	4,334	4,144	+1.6
Miscellaneous converted paper products . . . . .	5,195	5,216	5,262	-0.4	-0.9	-0.6	5,309	5,268	5,250	5,178	+2.5
Chemicals and allied products . . . . .	36,412	36,293	36,075	+0.3	+0.6	+0.4	36,766	36,612	36,418	35,582	+3.3
Industrial chemicals . . . . .	17,989	17,870	17,837	+0.7	+0.2	+0.3	17,953	17,884	18,041	17,427	+3.0
Drugs, soaps, and toiletries . . . . .	13,540	13,565	13,418	-0.2	+1.1	+0.3	13,621	13,455	13,185	13,128	+3.8
Petroleum and coal products . . . . .	11,626	11,676	11,410	-0.4	+2.3	+0.5	11,737	11,512	11,052	11,191	+4.9
Rubber and plastics products . . . . .	13,812	13,932	13,918	-0.9	+0.1	+0.1	14,043	14,211	14,157	14,376	-2.3
All other nondurable goods . . . . .	28,169	28,290	29,153	-0.4	-3.0	-0.7	28,351	27,979	28,392	28,587	-0.8

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

See note at end of table 2 relating to survey variability.

**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. 1996 <sup>p</sup>	Mar. 1996 <sup>r</sup>	Feb. 1996	Mar.-Apr.	Feb.-Mar.	Jan.-Feb.	Apr. 1996 <sup>p</sup>	Mar. 1996 <sup>r</sup>	Feb. 1996	Apr. 1995		Apr. 96/95	1996 <sup>p</sup>
SHIPMENTS													
All manufacturing industries . . . . .	309,854	304,660	303,812	+1.7	+0.3	+0.8	307,164	319,575	301,631	292,233	+5.1	1,200,184	1,169,685
Market categories :													
Automotive equipment . . . . .	14,909	13,620	14,314	+9.5	-4.8	-0.2	16,035	14,522	15,870	14,787	+8.4	59,610	60,099
Home goods and apparel . . . . .	20,348	20,444	19,719	-0.5	+3.7	+4.6	19,098	21,387	19,547	18,188	+5.0	76,283	75,164
Consumer staples . . . . .	65,457	64,440	63,173	+1.6	+2.0	-0.8	63,472	64,829	60,910	58,701	+8.1	248,186	232,826
Machinery and equipment . . . . .	56,656	56,577	56,697	+0.1	-0.2	+4.6	55,174	63,219	56,146	52,009	+6.1	220,413	209,407
Business supplies . . . . .	23,897	23,300	23,162	+2.6	+0.6	+1.0	24,445	23,529	22,760	22,613	+8.1	91,733	87,035
Construction materials and supplies . . . . .	18,800	18,339	18,157	+2.5	+1.0	-2.6	18,869	18,502	17,317	18,141	+4.0	70,942	71,921
Defense products . . . . .	6,620	6,866	6,726	-3.6	+2.1	0.0	6,230	7,303	6,534	6,631	-6.0	25,739	27,249
Other materials, supplies and intermediate products . . . . .	103,167	101,074	101,864	+2.1	-0.8	-0.1	103,841	106,284	102,547	101,163	+2.6	407,278	405,984
Durable goods industries :													
Nondefense capital goods <sup>3</sup> . . . . .	43,600	44,633	44,363	-2.3	+0.6	+6.4	40,648	51,109	42,411	38,948	+4.4	168,252	158,164
Excluding aircraft and parts . . . . .	39,022	39,972	39,901	-2.4	+0.2	+6.0	36,149	45,929	38,096	33,683	+7.3	151,206	138,348
Defense capital goods <sup>4</sup> . . . . .	6,192	6,453	6,277	-4.0	+2.8	-0.4	5,728	6,879	6,032	6,063	-5.5	23,829	24,973
Durables excluding capital goods . . . . .	117,112	112,781	113,614	+3.8	-0.7	-0.4	119,184	118,526	116,497	111,863	+6.5	458,389	451,602
Miscellaneous series :													
Producers' durable equipment . . . . .	107,749	105,117	106,538	+2.5	-1.3	+2.5	106,843	115,639	108,132	100,270	+6.6	421,792	407,969
Household durable goods . . . . .	9,259	9,350	8,741	-1.0	+7.0	+2.7	8,830	10,058	8,420	7,882	+12.0	34,663	32,190
Information technology industries . . . . .	22,017	22,664	22,910	-2.9	-1.1	+9.1	19,073	26,539	20,866	17,289	+10.3	83,181	73,424
Health care equipment and products . . . . .	9,269	9,284	9,113	-0.2	+1.9	+0.8	8,818	9,813	8,856	8,109	+8.7	36,126	33,962
NEW ORDERS													
All manufacturing industries . . . . .	309,053	309,485	304,281	-0.1	+1.7	-1.5	308,238	326,253	303,942	291,915	+5.6	1,224,521	1,185,762
Market categories :													
Automotive equipment . . . . .	14,901	13,592	14,300	+9.6	-5.0	-0.7	16,014	14,473	15,874	14,759	+8.5	59,661	60,114
Home goods and apparel . . . . .	20,460	20,643	19,871	-0.9	+3.9	+5.1	19,524	21,912	19,985	18,507	+5.5	78,748	77,179
Consumer staples . . . . .	65,489	64,391	63,156	+1.7	+2.0	-1.0	63,499	64,739	60,843	58,719	+8.1	248,093	232,818
Machinery and equipment . . . . .	55,864	60,342	59,116	-7.4	+2.1	-1.4	54,771	66,462	59,105	51,405	+6.5	233,240	213,280
Business supplies . . . . .	24,041	23,162	22,997	+3.8	+0.7	+0.2	24,650	23,445	22,614	22,760	+8.3	91,816	87,554
Construction materials and supplies . . . . .	18,824	18,323	18,229	+2.7	+0.5	-2.6	18,912	18,507	17,732	18,035	+4.9	71,619	72,546
Defense products . . . . .	6,646	9,896	6,311	-32.8	+56.8	-19.5	5,791	12,789	5,479	4,979	+16.3	31,146	27,009
Other materials, supplies and intermediate products . . . . .	102,828	99,136	100,301	+3.7	-1.2	-2.0	105,077	103,926	102,310	102,751	+2.3	410,198	415,262
Durable goods industries :													
Nondefense capital goods <sup>3</sup> . . . . .	42,606	48,782	46,605	-12.7	+4.7	-2.5	39,839	54,277	45,023	37,866	+5.2	180,599	161,727
Excluding aircraft and parts . . . . .	38,909	40,246	41,048	-3.3	-2.0	+4.8	36,221	45,222	39,613	33,939	+6.7	154,929	144,497
Defense capital goods <sup>4</sup> . . . . .	6,158	9,451	5,785	-34.8	+63.4	-23.0	5,302	12,361	4,943	4,422	+19.9	29,472	24,656
Durables excluding capital goods . . . . .	117,242	111,045	112,590	+5.6	-1.4	-1.2	121,038	116,531	117,239	113,732	+6.4	463,464	462,152
Miscellaneous series :													
Producers' durable equipment . . . . .	106,980	107,967	108,919	-0.9	-0.9	-0.4	106,520	117,616	111,305	99,562	+7.0	434,677	413,966
Household durable goods . . . . .	9,306	9,431	8,776	-1.3	+7.5	+3.2	9,064	10,219	8,542	7,837	+15.7	35,890	32,853
Information technology industries . . . . .	22,445	22,900	23,038	-2.0	-0.6	+6.1	19,826	26,528	21,265	17,772	+11.6	84,937	75,946
Health care equipment and products . . . . .	9,317	8,969	9,243	+3.9	-3.0	+1.2	8,866	9,499	8,987	8,057	+10.0	36,081	33,556

<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.

See note at end of table 2 relating to survey variability.

**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. 96/95
	Apr. 1996 <sup>p</sup>	Mar. 1996 <sup>r</sup>	Feb. 1996	Mar.- Apr.	Feb.- Mar.	Jan.- Feb.	Apr. 1996 <sup>p</sup>	Mar. 1996 <sup>r</sup>	Feb. 1996	Apr. 1995	
<b>UNFILLED ORDERS</b>											
All manufacturing industries . . . . .	478,959	479,760	474,936	-0.2	+1.0	+0.1	485,694	484,620	477,942	467,845	+3.8
Market categories :											
Automotive equipment . . . . .	1,894	1,902	1,930	-0.4	-1.5	-0.7	1,914	1,935	1,984	2,162	-11.5
Home goods and apparel . . . . .	10,007	9,896	9,696	+1.1	+2.1	+1.6	10,472	10,046	9,521	10,344	+1.2
Consumer staples . . . . .	1,763	1,731	1,780	+1.8	-2.8	-0.9	1,679	1,652	1,743	1,623	+3.5
Machinery and equipment . . . . .	205,661	206,453	202,688	-0.4	+1.9	+1.2	206,388	206,791	203,549	184,705	+11.7
Business supplies . . . . .	5,967	5,823	5,961	+2.5	-2.3	-2.7	6,038	5,832	5,915	6,328	-4.6
Construction materials and supplies . . . . .	15,865	15,841	15,857	+0.2	-0.1	+0.5	16,024	15,982	15,977	16,064	-0.2
Defense products . . . . .	106,474	106,448	103,419	0.0	+2.9	-0.4	108,795	109,234	103,748	106,997	+1.7
Other materials, supplies and and intermediate products . . . . .	131,328	131,666	133,605	-0.3	-1.5	-1.2	134,384	133,148	135,505	139,622	-3.8
Durable goods industries :											
Nondefense capital goods <sup>3</sup> . . . . .	224,384	225,378	221,229	-0.4	+1.9	+1.0	224,673	225,482	222,314	203,479	+10.4
Excluding aircraft and parts . . . . .	101,064	101,177	100,903	-0.1	+0.3	+1.1	101,353	101,281	101,988	97,156	+4.3
Defense capital goods <sup>4</sup> . . . . .	111,508	111,542	108,545	0.0	+2.8	-0.5	113,928	114,354	108,872	112,788	+1.0
Durables excluding capital goods . . . . .	120,536	120,406	122,142	+0.1	-1.4	-0.8	123,923	122,069	124,064	124,977	-0.8
Miscellaneous series :											
Producers' durable equipment . . . . .	239,843	240,612	237,762	-0.3	+1.2	+1.0	240,566	240,889	238,912	219,711	+9.5
Household durable goods . . . . .	6,182	6,135	6,054	+0.8	+1.3	+0.6	6,346	6,112	5,951	5,860	+8.3
Information technology industries . . . . .	41,458	41,030	40,794	+1.0	+0.6	+0.3	41,236	40,483	40,494	39,451	+4.5
Health care equipment and products . . . . .	5,925	5,877	6,192	+0.8	-5.1	+2.2	5,925	5,877	6,190	5,916	+0.2
<b>TOTAL INVENTORIES</b>											
All manufacturing industries . . . . .	421,705	421,521	422,203	0.0	-0.2	+0.2	423,282	420,801	424,187	407,559	+3.9
Market categories :											
Automotive equipment . . . . .	6,947	6,891	6,727	+0.8	+2.4	+1.2	6,996	7,052	6,932	6,600	+6.0
Home goods and apparel . . . . .	33,728	33,790	34,413	-0.2	-1.8	+0.1	34,225	33,650	34,312	34,209	0.0
Consumer staples . . . . .	60,570	60,459	60,337	+0.2	+0.2	+0.4	59,971	59,934	60,233	58,239	+3.0
Machinery and equipment . . . . .	108,104	107,206	107,204	+0.8	0.0	+0.4	108,635	106,415	108,404	99,040	+9.7
Business supplies . . . . .	23,680	23,679	23,945	0.0	-1.1	-0.5	23,977	23,755	23,799	23,619	+1.5
Construction materials and supplies . . . . .	25,904	26,064	26,259	-0.6	-0.7	-0.6	26,168	26,387	26,544	26,435	-1.0
Defense products . . . . .	20,483	20,758	20,594	-1.3	+0.8	+0.5	20,507	20,705	20,368	21,276	-3.6
Other materials, supplies and and intermediate products . . . . .	142,289	142,674	142,724	-0.3	0.0	+0.2	142,803	142,903	143,595	138,141	+3.4
Durable goods industries :											
Nondefense capital goods <sup>3</sup> . . . . .	102,551	101,557	101,942	+1.0	-0.4	+0.4	103,027	100,403	102,803	93,881	+9.7
Excluding aircraft and parts . . . . .	72,932	72,121	72,580	+1.1	-0.6	-0.1	73,417	70,979	73,149	67,688	+8.5
Defense capital goods <sup>4</sup> . . . . .	20,885	21,177	20,995	-1.4	+0.9	+0.5	20,941	21,114	20,747	22,013	-4.9
Durables excluding capital goods . . . . .	144,075	144,456	144,327	-0.3	+0.1	+0.2	144,534	144,874	145,508	140,673	+2.7
Miscellaneous series :											
Producers' durable equipment . . . . .	168,765	168,020	168,184	+0.4	-0.1	+0.3	169,643	167,166	169,690	159,783	+6.2
Household durable goods . . . . .	15,192	15,175	15,345	+0.1	-1.1	+0.9	15,353	15,125	15,489	14,994	+2.4
Information technology industries . . . . .	40,309	39,646	39,539	+1.7	+0.3	-0.3	40,482	38,574	39,818	35,441	+14.2
Health care equipment and products . . . . .	13,940	13,951	13,857	-0.1	+0.7	+0.4	13,992	13,789	13,689	13,272	+5.4

See footnotes at end of table 5.

See note at end of table 2 relating to survey variability.

**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. 96/95
	Apr. 1996 <sup>p</sup>	Mar. 1996 <sup>r</sup>	Feb. 1996	Mar.- Apr.	Feb.- Mar.	Jan.- Feb.	Apr. 1996 <sup>p</sup>	Mar. 1996 <sup>r</sup>	Feb. 1996	Apr. 1995	
MATERIALS AND SUPPLIES											
All manufacturing industries . . . . .	138,139	138,130	138,931	0.0	-0.6	+0.2	137,392	136,973	139,287	132,779	+3.5
Durable goods industries . . . . .	81,749	81,702	81,901	+0.1	-0.2	+0.4	80,793	80,468	82,163	76,769	+5.2
Stone, clay, and glass products . . . . .	2,797	2,807	2,821	-0.4	-0.5	+0.7	2,760	2,786	2,824	2,726	+1.2
Primary metals . . . . .	6,743	6,733	6,754	+0.1	-0.3	+0.3	6,544	6,533	6,697	6,513	+0.5
Fabricated metal products . . . . .	8,730	8,753	8,741	-0.3	+0.1	+1.9	8,667	8,738	8,779	8,871	-2.3
Industrial machinery and equipment . . . . .	18,809	18,787	18,885	+0.1	-0.5	+0.6	18,641	18,281	19,111	17,447	+6.8
Electronic and other . . . . .											
electrical equipment . . . . .	16,396	16,184	16,362	+1.3	-1.1	-0.2	16,306	15,959	16,292	14,626	+11.5
Transportation equipment . . . . .	10,375	10,507	10,424	-1.3	+0.8	0.0	10,418	10,533	10,458	10,305	+1.1
Instruments and related products . . . . .	7,589	7,498	7,407	+1.2	+1.2	+0.9	7,612	7,447	7,354	6,884	+10.6
Lumber, furniture and . . . . .											
miscellaneous durable goods . . . . .	10,310	10,433	10,507	-1.2	-0.7	-0.1	9,845	10,191	10,648	9,397	+4.8
Nondurable goods industries . . . . .	56,390	56,428	57,030	-0.1	-1.1	-0.2	56,599	56,505	57,124	56,010	+1.1
Food and kindred products . . . . .	10,782	10,635	10,666	+1.4	-0.3	+1.1	10,759	10,712	10,797	9,978	+7.8
Tobacco products . . . . .	4,715	4,764	4,771	-1.0	-0.1	+1.0	4,764	4,903	5,061	4,751	+0.3
Textile mill products . . . . .	2,940	2,937	3,013	+0.1	-2.5	-0.4	2,986	2,941	3,052	3,028	-1.4
Paper and allied products . . . . .	7,822	7,804	7,973	+0.2	-2.1	-0.6	7,791	7,818	7,967	7,688	+1.3
Chemicals and allied products . . . . .	11,712	11,685	11,653	+0.2	+0.3	0.0	11,757	11,630	11,610	11,614	+1.2
Petroleum and coal products . . . . .	3,569	3,577	3,527	-0.2	+1.4	-1.0	3,674	3,543	3,378	3,482	+5.5
Rubber and plastics products . . . . .	4,838	4,880	4,973	-0.9	-1.9	0.0	4,880	4,897	5,003	5,408	-9.8
Apparel, printing and publishing . . . . .											
and leather goods . . . . .	10,012	10,146	10,454	-1.3	-2.9	-1.5	9,988	10,061	10,256	10,061	-0.7
WORK IN PROCESS											
All manufacturing industries . . . . .	138,292	137,746	137,451	+0.4	+0.2	+0.2	138,315	137,395	137,428	132,101	+4.7
Durable goods industries . . . . .	113,287	112,866	112,474	+0.4	+0.3	+0.3	113,415	112,611	112,620	107,821	+5.2
Stone, clay, and glass products . . . . .	1,298	1,318	1,325	-1.5	-0.5	+1.9	1,365	1,392	1,371	1,331	+2.6
Primary metals . . . . .	8,458	8,426	8,383	+0.4	+0.5	-0.2	8,487	8,496	8,346	8,092	+4.9
Fabricated metal products . . . . .	7,606	7,550	7,590	+0.7	-0.5	-0.2	7,621	7,575	7,592	7,986	-4.6
Industrial machinery and equipment . . . . .	20,310	20,236	20,441	+0.4	-1.0	+0.9	20,169	19,872	20,339	19,172	+5.2
Electronic and other . . . . .											
electrical equipment . . . . .	18,307	18,104	17,821	+1.1	+1.6	-1.9	18,462	18,123	17,922	16,723	+10.4
Transportation equipment . . . . .	42,464	42,382	42,211	+0.2	+0.4	+1.4	42,300	42,362	42,305	39,924	+6.0
Instruments and related products . . . . .	9,971	9,934	9,722	+0.4	+2.2	+0.1	10,080	9,856	9,740	9,414	+7.1
Lumber, furniture and . . . . .											
miscellaneous durable goods . . . . .	4,873	4,916	4,981	-0.9	-1.3	-0.7	4,931	4,935	5,005	5,179	-4.8
Nondurable goods industries . . . . .	25,005	24,880	24,977	+0.5	-0.4	-0.2	24,900	24,784	24,808	24,280	+2.6
Food and kindred products . . . . .	4,342	4,277	4,280	+1.5	-0.1	0.0	4,155	4,252	4,268	3,910	+6.3
Tobacco products . . . . .	186	185	170	+0.5	+8.8	-11.9	146	158	173	138	+5.8
Textile mill products . . . . .	2,730	2,738	2,734	-0.3	+0.1	-1.3	2,753	2,745	2,734	2,703	+1.8
Paper and allied products . . . . .	1,580	1,598	1,615	-1.1	-1.1	-0.4	1,601	1,602	1,601	1,389	+15.3
Chemicals and allied products . . . . .	5,864	5,819	5,819	+0.8	0.0	+0.8	5,816	5,774	5,827	5,373	+8.2
Petroleum and coal products . . . . .	2,325	2,366	2,240	-1.7	+5.6	-4.2	2,352	2,365	2,174	2,248	+4.6
Rubber and plastics products . . . . .	2,030	2,060	2,038	-1.5	+1.1	+0.7	2,019	2,045	2,068	2,051	-1.6
Apparel, printing and publishing . . . . .											
and leather goods . . . . .	5,948	5,837	6,081	+1.9	-4.0	+0.8	6,058	5,843	5,963	6,468	-6.3
FINISHED GOODS											
All manufacturing industries . . . . .	145,274	145,645	145,821	-0.3	-0.1	+0.2	147,575	146,433	147,472	142,679	+3.4
Durable goods industries . . . . .	72,475	72,622	72,889	-0.2	-0.4	0.0	74,294	73,312	74,275	71,977	+3.2
Stone, clay, and glass products . . . . .	4,088	4,118	4,126	-0.7	-0.2	-0.4	4,235	4,210	4,205	4,264	-0.7
Primary metals . . . . .	6,690	6,886	6,742	-2.8	+2.1	+0.1	6,873	6,957	6,841	7,172	-4.2
Fabricated metal products . . . . .	8,202	8,341	8,540	-1.7	-2.3	+0.2	8,613	8,611	8,714	8,877	-3.0
Industrial machinery and equipment . . . . .	16,535	16,276	16,117	+1.6	+1.0	-0.4	16,899	16,391	16,761	15,151	+11.5
Electronic and other . . . . .											
electrical equipment . . . . .	12,939	12,838	13,186	+0.8	-2.6	0.0	13,152	12,544	13,143	12,160	+8.2
Transportation equipment . . . . .	8,248	8,362	8,180	-1.4	+2.2	+1.6	8,365	8,517	8,370	8,415	-0.6
Instruments and related products . . . . .	5,996	6,003	6,078	-0.1	-1.2	+0.1	5,984	5,926	6,010	5,827	+2.7
Lumber, furniture and . . . . .											
miscellaneous durable goods . . . . .	9,777	9,798	9,920	-0.2	-1.2	-0.8	10,173	10,156	10,231	10,111	+0.6
Nondurable goods industries . . . . .	72,799	73,023	72,932	-0.3	+0.1	+0.4	73,281	73,121	73,197	70,702	+3.6
Food and kindred products . . . . .	16,863	16,759	16,714	+0.6	+0.3	+0.7	16,323	16,375	16,735	16,415	-0.6
Tobacco products . . . . .	633	606	637	+4.5	-4.9	-2.6	574	570	726	523	+9.8
Textile mill products . . . . .	4,529	4,555	4,585	-0.6	-0.7	-0.3	4,731	4,594	4,675	4,680	+1.1
Paper and allied products . . . . .	7,053	7,282	7,225	-3.1	+0.8	+0.6	7,300	7,426	7,321	6,053	+20.6
Chemicals and allied products . . . . .	18,836	18,789	18,603	+0.3	+1.0	+0.5	19,193	19,208	18,981	18,595	+3.2
Petroleum and coal products . . . . .	5,732	5,733	5,643	0.0	+1.6	+3.6	5,711	5,604	5,500	5,461	+4.6
Rubber and plastics products . . . . .	6,944	6,992	6,907	-0.7	+1.2	0.0	7,144	7,269	7,086	6,917	+3.3
Apparel, printing and publishing . . . . .											
and leather goods . . . . .	12,209	12,307	12,618	-0.8	-2.5	-0.8	12,305	12,075	12,173	12,058	+2.0

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

See note at end of table 2 relating to survey variability.

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

Industry	Inventory / Shipments ratio				Unfilled Orders / Shipments ratio <sup>1</sup>			
	Apr. 1996 <sup>p</sup>	Mar. 1996 <sup>r</sup>	Feb. 1996	Jan. 1996	Apr. 1996 <sup>p</sup>	Mar. 1996 <sup>r</sup>	Feb. 1996	Jan. 1996
All manufacturing industries . . . . .	1.36	1.38	1.39	1.40	2.84	2.86	2.84	2.87
Durable goods industries . . . . .	1.60	1.63	1.63	1.64	3.41	3.44	3.40	3.46
Stone, clay, and glass products . . . . .	1.09	1.10	1.13	1.10	1.14	1.13	1.15	1.13
Primary metals . . . . .	1.49	1.55	1.53	1.52	1.93	1.98	2.00	1.98
Fabricated metal products . . . . .	1.48	1.56	1.56	1.52	1.37	1.44	1.43	1.40
Industrial machinery and equipment . . . . .	1.71	1.67	1.65	1.72	2.40	2.36	2.35	2.44
Electronic and other electrical equipment . . . . .	1.71	1.68	1.71	1.77	1.93	1.92	1.95	2.03
Transportation equipment . . . . .	1.56	1.67	1.61	1.61	12.55	12.88	12.41	12.65
Instruments and related products . . . . .	2.01	2.00	1.96	1.99	3.98	3.95	3.95	3.96
Nondurable goods industries . . . . .	1.08	1.10	1.11	1.11	0.65	0.64	0.66	0.67
Food and kindred products . . . . .	0.83	0.84	0.84	0.82	(X)	(X)	(X)	(X)
Tobacco products . . . . .	1.88	1.84	1.85	1.83	(X)	(X)	(X)	(X)
Textile mill products . . . . .	1.70	1.68	1.72	1.78	(NA)	(NA)	(NA)	(NA)
Paper and allied products . . . . .	1.27	1.28	1.27	1.25	(NA)	(NA)	(NA)	(NA)
Chemicals and allied products . . . . .	1.18	1.19	1.19	1.17	(X)	(X)	(X)	(X)
Petroleum and coal products . . . . .	0.72	0.78	0.80	0.82	(X)	(X)	(X)	(X)
Rubber and plastics products . . . . .	1.34	1.38	1.39	1.42	(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> 1996	Apr. <sup>2</sup> 1991-1995	Apr. 1995-Mar. 1996	Apr. <sup>1</sup> 1996	Apr. <sup>2</sup> 1991-1995	Apr. 1995-Mar. 1996	Apr. <sup>1</sup> 1996	Apr. <sup>2</sup> 1991-1995	Apr. 1995-Mar. 1996	Apr. <sup>1</sup> 1996	Apr. <sup>2</sup> 1991-1995	Apr. 1995-Mar. 1996
All manufacturing industries . . . . .	(X)	0.1	0.2	(X)	0.2	0.2	(X)	0.0	0.1	(X)	0.0	0.1
Durable goods industries . . . . .	0.1	0.2	0.2	0.0	0.4	0.3	0.0	0.0	0.1	(X)	0.1	0.1
Stone, clay, and glass products . . . . .	(X)	1.0	0.5	(X)	2.0	0.9	(X)	0.8	0.5	(X)	0.2	0.1
Primary metals . . . . .	0.2	0.4	0.5	0.3	1.7	0.9	0.2	0.4	0.3	(X)	0.3	0.2
Fabricated metal products . . . . .	(X)	0.3	0.3	(X)	0.2	0.4	(X)	0.1	0.3	(X)	0.1	0.2
Industrial machinery and equipment . . . . .	-0.2	0.4	0.4	-0.5	0.6	0.6	-0.2	0.2	0.2	(X)	0.1	0.1
Electronic and other electrical equipment . . . . .	-0.1	0.3	0.3	0.0	0.6	0.5	0.1	0.1	0.3	(X)	0.1	0.1
Transportation equipment . . . . .	0.0	0.2	0.6	-0.2	0.3	1.0	-0.1	0.1	0.2	(X)	0.1	0.3
Instruments and related products . . . . .	(X)	0.3	0.4	(X)	0.6	0.7	(X)	0.1	0.2	(X)	0.1	0.1
Nondurable goods industries . . . . .	(X)	0.1	0.1	(X)	0.1	0.1	(X)	0.2	0.2	(X)	0.1	0.1
Food and kindred products . . . . .	(X)	0.0	0.1	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.2	0.2
Tobacco products . . . . .	(X)	0.6	0.1	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.2	0.0
Textile mill products . . . . .	(X)	0.4	0.3	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	0.1	0.1
Paper and allied products . . . . .	(X)	0.1	0.3	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	0.0	0.3
Chemicals and allied products . . . . .	(X)	0.1	0.2	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.3
Petroleum and coal products . . . . .	(X)	0.2	0.3	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.3	0.2
Rubber and plastics products . . . . .	(X)	0.3	0.2	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.2	0.1
Capital goods industries :												
Nondefense . . . . .	-0.2	0.3	0.4	-0.5	0.5	0.6	0.0	0.0	0.1	(X)	0.1	0.3
Defense . . . . .	0.4	0.4	0.8	0.3	2.8	4.9	0.0	0.1	0.2	(X)	0.1	0.3

(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.

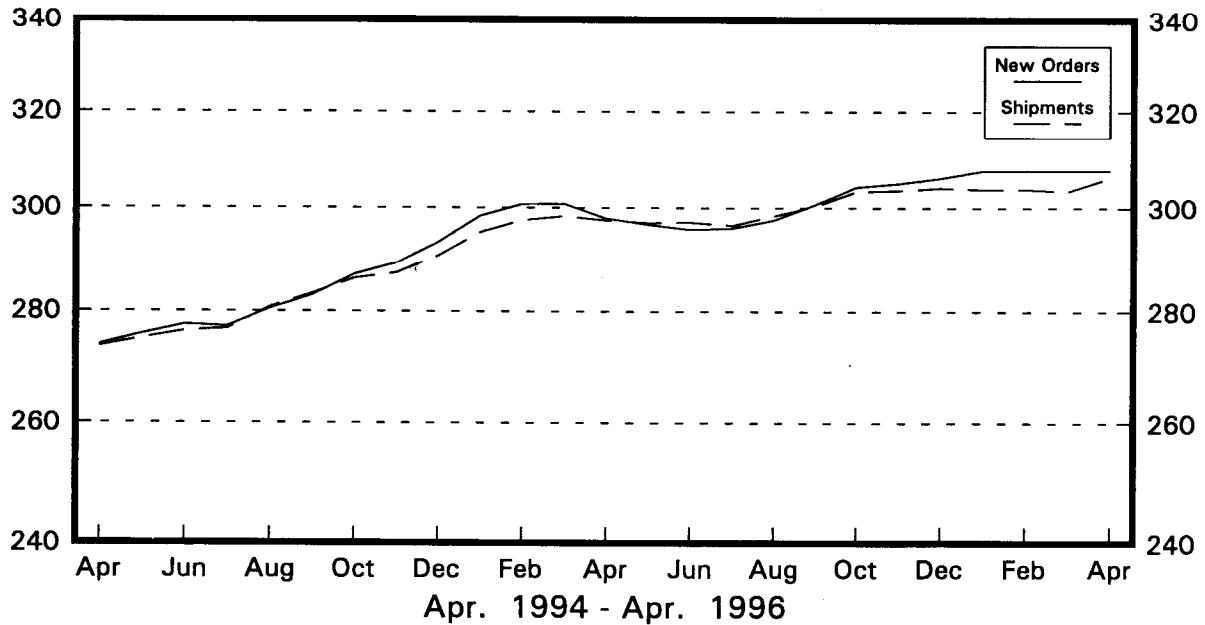
<sup>2</sup> Average for this month for the last five years.

See note at end of table 2 relating to survey variability

## Total Manufacturing

New Orders and Shipments  
Three Month Moving Averages

Billions of Dollars

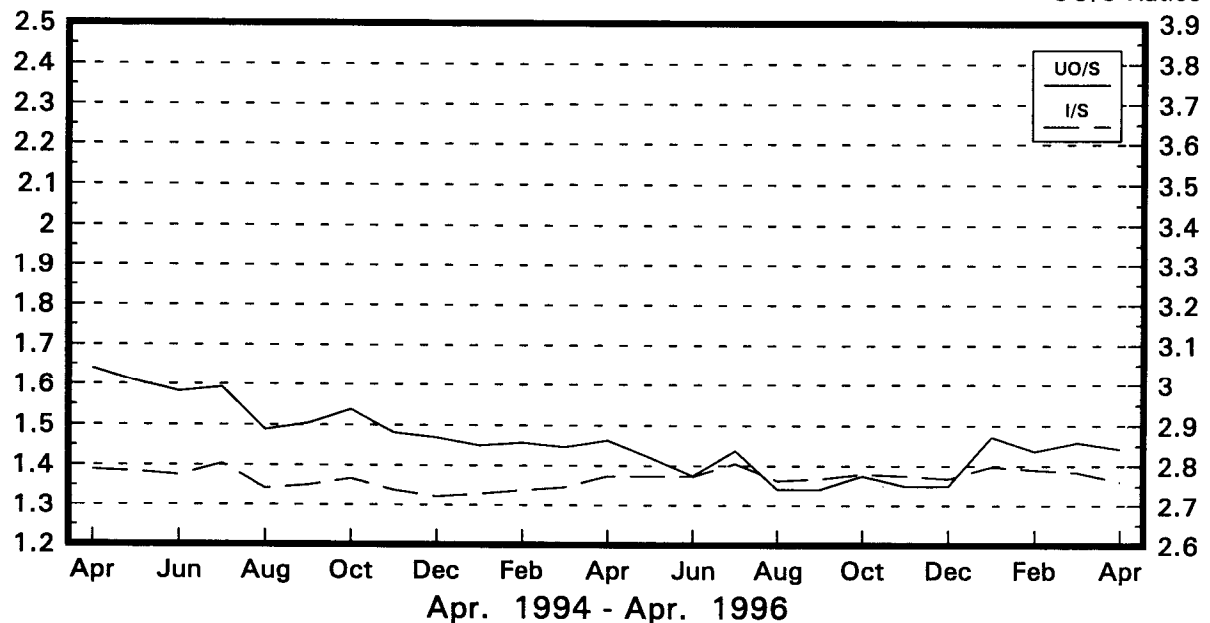


## Total Manufacturing

Ratio of Unfilled Orders and  
Inventories to Shipments

I/S Ratios

UO/S Ratios



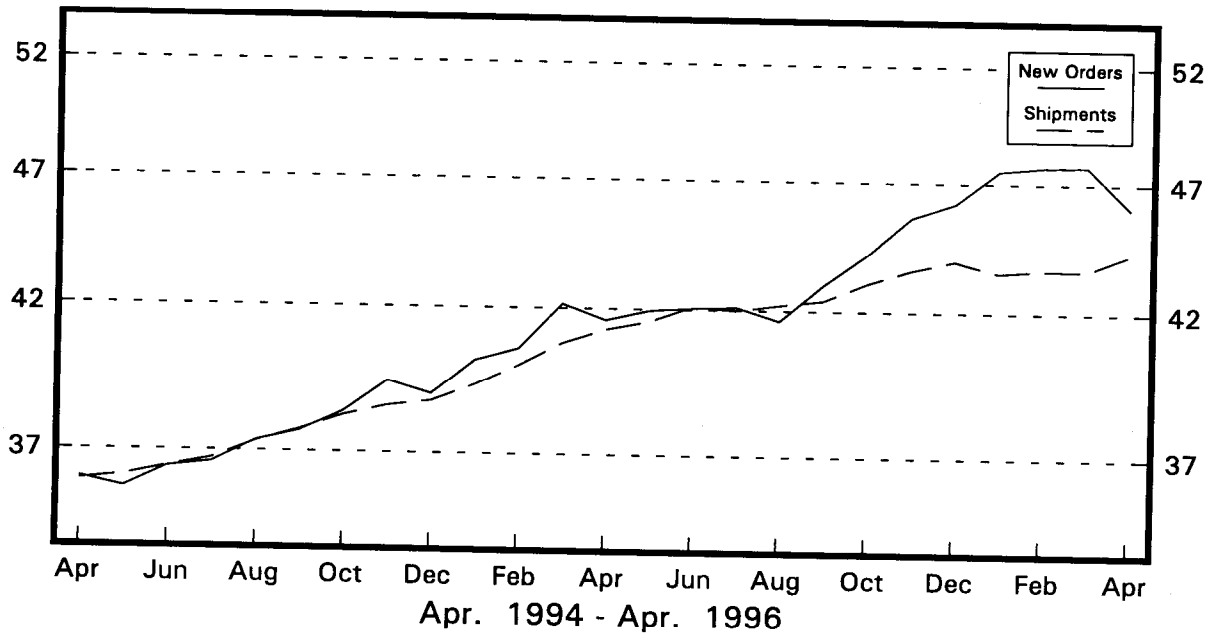
Note: All Charts based on seasonally  
adjusted current dollars.

# Nondefense Capital Goods

11

New Orders and Shipments  
Three Month Moving Averages

Billions of Dollars



# Defense Capital Goods

New Orders and Shipments  
Three Month Moving Averages

Billions of Dollars

