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ECONOMICS  
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**ADVANCE REPORT ON DURABLE GOODS MANUFACTURERS' SHIPMENTS AND ORDERS**  
**June 1994**

(All figures in text below are in seasonally adjusted current dollars)

**New Orders**

New orders for manufactured durable goods in June increased \$2.0 billion or 1.3 percent to \$151.0 billion, following a 1.2 percent increase in May, the Department of Commerce, Bureau of the Census reported today. This is the fourth consecutive monthly increase and the tenth in the last eleven months. Year to date, new orders are 13.3 percent above the same period a year ago.

Transportation equipment increased \$0.8 billion or 2.3 percent to \$38.0 billion, due to motor vehicles and parts and railroad equipment. This is the second consecutive monthly increase, following three decreases in a row. Industrial machinery and equipment was up \$0.6 billion or 2.2 percent to \$28.6 billion, the fourth increase in the last five months. Electronic and other electrical equipment increased \$0.3 billion or 1.1 percent to \$22.4 billion, the third increase in the last four months. Instruments and related products also had a large increase. Primary metals had the largest decrease, down \$0.4 billion or 3.1 percent to \$12.9 billion, the second decrease in the last three months.

**Shipments**

Shipments of durable goods in June increased \$1.6 billion or 1.1 percent to \$150.0 billion, the fourth increase in the last five months. All major groups except fabricated metal products, primary metals, and lumber and wood products increased. Transportation equipment had the largest increase, up \$1.0 billion or 2.6 percent to \$38.6 billion, primarily due to motor vehicles and parts and aircraft and parts. Electronic and other electrical equipment increased, \$0.3 billion or 1.2 percent to \$22.6 billion, the eighth consecutive monthly increase. Instruments and related products also increased. Year to date, durable goods shipments are 10.4 percent above the same period a year ago.

**Unfilled Orders**

Unfilled orders for durable goods in June increased \$1.0 billion or 0.2 percent to \$425.4 billion, the third consecutive monthly increase. Industrial machinery and equipment, up for the twelfth consecutive month, had the largest increase, up \$1.5 billion or 2.6 percent to \$60.2 billion, with increases in nearly all categories. Primary metals increased \$0.3 billion or 1.2 percent to \$25.3 billion, the seventh consecutive monthly increase. Transportation equipment had the largest decrease, down \$0.7 billion or 0.3 percent to \$208.7 billion, primarily due to shipbuilding and tanks. This is the twenty-fifth decrease in the last twenty-six months. Stone, clay, and glass products and electronic and other electrical equipment also declined.

**Capital Goods Industries**

**Defense** - New orders were down \$0.2 billion or 2.9 percent to \$6.9 billion, following increases of 13.7 percent in May and 28.1 percent in April. Shipments increased 0.4 percent to \$6.8 billion, following decreases of 2.0 percent in May and 2.6 percent in April. Unfilled orders increased \$0.1 billion or 0.1 percent to \$113.7 billion, the second consecutive increase.

**Nondefense** - New orders increased \$2.2 billion or 6.2 percent to \$37.6 billion, with increases in nearly all categories. This is the first increase since January. Shipments increased \$0.7 billion or 1.8 percent to \$36.9 billion, the fourth increase in the last five months. Unfilled orders increased \$0.7 billion or 0.4 percent to \$199.5 billion, the first increase in four months. Excluding aircraft and parts, new orders increased \$2.0 billion or 6.4 percent, the first increase in three months; shipments increased \$0.3 billion or 0.8 percent, the fourth increase in the last five months; and unfilled orders increased \$1.9 billion or 2.3 percent, the thirteenth consecutive monthly increase.

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This report presents advance information on two key business indicators: durable goods manufacturers' shipments and orders. Revised and more detailed estimates plus nondurable goods and inventory data will be published August 3, 1994. The advance report on durable goods for July is scheduled for August 24, 1994. This report is available on 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. Further information about accessing CENDATA can be obtained from Dialog Information Services, Inc. (1-800-334-2564) and CompuServe (1-800-848-8199). The CENDATA staff at the Bureau of the Census (301-763-2074) can provide

**Table 1. DURABLE GOODS MANUFACTURERS' SHIPMENTS AND ORDERS**  
(Millions of dollars)

Item	Seasonally adjusted						Not seasonally adjusted <sup>1</sup>			
	Monthly			Percent Change			Monthly			Percent change June94/93
	June 1994 <sup>2</sup>	May 1994 <sup>2</sup>	Apr. 1994	May- June <sup>2</sup>	Apr.- May <sup>2</sup>	Mar.- Apr.	June 1994 <sup>2</sup>	May 1994 <sup>2</sup>	June 1993	
<b>DURABLE GOODS</b>										
<b>Total :</b>										
Shipments . . . . .	149,986	148,342	146,932	+1.1	+1.0	-0.3	164,414	151,040	148,762	+10.5
New orders . . . . .	151,013	149,049	147,345	+1.3	+1.2	+0.3	162,927	150,572	143,151	+13.8
Unfilled orders . . . . .	425,415	424,388	423,681	+0.2	+0.2	+0.1	425,852	427,339	436,121	-2.4
<b>Excluding defense :</b>										
Shipments . . . . .	143,149	141,532	139,980	+1.1	+1.1	-0.2	157,063	144,464	140,693	+11.6
New orders . . . . .	144,079	141,906	141,065	+1.5	+0.6	-0.7	155,646	144,651	137,711	+13.0
Unfilled orders . . . . .	311,757	310,827	310,453	+0.3	+0.1	+0.4	312,183	313,600	312,937	-0.2
<b>With unfilled orders :</b>										
Shipments . . . . .	118,866	117,627	116,404	+1.1	+1.1	-0.2	130,699	117,091	119,458	+9.4
New orders . . . . .	119,893	118,334	116,817	+1.3	+1.3	+0.6	129,212	116,623	113,847	+13.5
<b>Primary metals :</b>										
Shipments . . . . .	12,617	12,653	12,292	-0.3	+2.9	+0.4	13,388	12,989	12,286	+9.0
New orders . . . . .	12,908	13,317	12,581	-3.1	+5.9	-5.1	13,257	13,478	11,517	+15.1
Unfilled orders . . . . .	25,302	25,011	24,347	+1.2	+2.7	+1.2	25,874	26,005	22,952	+12.7
<b>Industrial machinery and equipment:</b>										
Shipments . . . . .	27,008	26,932	26,396	+0.3	+2.0	-0.4	31,204	26,730	26,974	+15.7
New orders . . . . .	28,555	27,941	28,012	+2.2	-0.3	+0.7	32,415	27,747	26,248	+23.5
Unfilled orders . . . . .	60,180	58,633	57,624	+2.6	+1.8	+2.9	60,113	58,902	50,098	+20.0
<b>Electronic and other electrical equipment :</b>										
Shipments . . . . .	22,625	22,348	22,138	+1.2	+0.9	+3.3	24,361	21,862	20,958	+16.2
New orders . . . . .	22,423	22,171	23,360	+1.1	-5.1	+8.7	23,240	21,360	20,514	+13.3
Unfilled orders . . . . .	46,977	47,179	47,356	-0.4	-0.4	+2.6	46,528	47,649	42,452	+9.6
<b>Transportation equipment :</b>										
Shipments . . . . .	38,618	37,645	37,867	+2.6	-0.6	-2.5	42,313	40,352	39,396	+7.4
New orders . . . . .	37,962	37,118	35,933	+2.3	+3.3	-0.9	41,701	38,967	38,284	+8.9
Unfilled orders . . . . .	208,658	209,314	209,841	-0.3	-0.3	-0.9	209,122	209,734	230,189	-9.2
<b>CAPITAL GOODS INDUSTRIES<sup>3</sup></b>										
<b>Total :</b>										
Shipments . . . . .	43,709	43,019	42,825	+1.6	+0.5	-1.7	50,037	41,658	46,837	+6.8
New orders . . . . .	44,520	42,522	42,095	+4.7	+1.0	+2.6	50,301	40,095	44,138	+14.0
Unfilled orders . . . . .	313,199	312,388	312,885	+0.3	-0.2	-0.2	313,126	312,862	329,509	-5.0
<b>Nondefense :</b>										
Shipments . . . . .	36,872	36,209	35,873	+1.8	+0.9	-1.5	42,686	35,082	38,768	+10.1
New orders . . . . .	37,586	35,379	35,815	+6.2	-1.2	-0.9	43,020	34,174	38,698	+11.2
Unfilled orders . . . . .	199,541	198,827	199,657	+0.4	-0.4	0.0	199,457	199,123	206,325	-3.3
<b>Excluding aircraft and parts :</b>										
Shipments . . . . .	32,136	31,867	31,288	+0.8	+1.9	+1.3	36,974	30,920	31,576	+17.1
New orders . . . . .	34,020	31,984	32,936	+6.4	-2.9	-0.4	38,478	30,959	31,311	+22.9
Unfilled orders . . . . .	83,461	81,577	81,460	+2.3	+0.1	+2.1	83,377	81,873	71,330	+16.9
<b>Defense :</b>										
Shipments . . . . .	6,837	6,810	6,952	+0.4	-2.0	-2.6	7,351	6,576	8,069	-8.9
New orders . . . . .	6,934	7,143	6,280	-2.9	+13.7	+28.1	7,281	5,921	5,440	+33.8
Unfilled orders . . . . .	113,658	113,561	113,228	+0.1	+0.3	-0.6	113,669	113,739	123,184	-7.7

(NA) Not available. <sup>1</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; unfilled orders are as of the end of the period and are not adjusted for trading-day or calendar-month variations.<sup>2</sup> Based on advance sample. Estimates of manufacturers' shipments and orders are subject to survey variability and revision. Since the survey panel is not a probability sample, estimates of sampling variability cannot be calculated. Further details on survey design, methodology, and data limitation are contained in our most recent annual benchmark publication, Current Industrial Reports: M3-1(92), "Manufacturers' Shipments, Inventories, and Orders: 1982-1992."<sup>3</sup> The Capital Goods Industries include Nondefense : ordnance and accessories, steam engines and 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, communication equipment, complete aircraft, missiles, and space vehicles, aircraft missiles, and space vehicle engines and parts, ships and tank components, railroad equipment, and search and navigation equipment. Defense capital goods include : ordnance, communication equipment, aircraft, missiles, space vehicles, and parts, ships, tanks and tank components, search and navigation equipment.

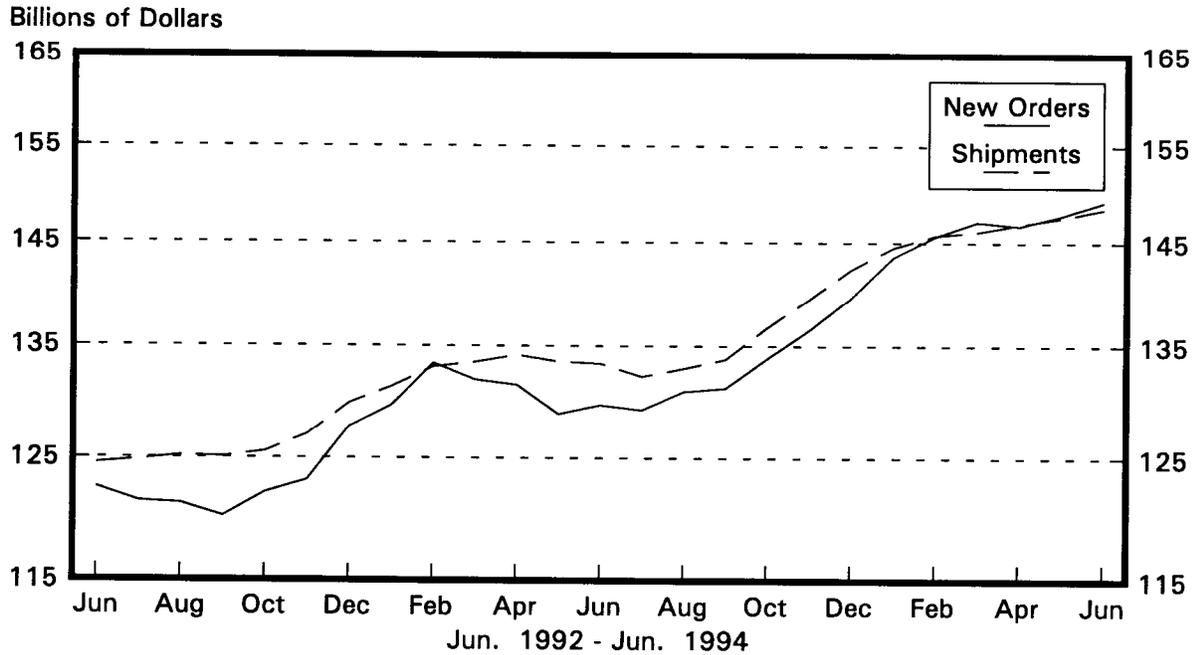
**Table 2. AVERAGE REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES**  
(Based on seasonally adjusted data)

Industry	Shipments			New Orders			Unfilled Orders		
	Year ago June 1993	June 1989-1993	June 1993- May 1994	Year ago June 1993	June 1989-1993	June 1993- May 1994	Year ago June 1993	June 1989-1993	June 1993- May 1994
	Durable goods . . . . .	0.2	0.2	0.3	0.7	0.7	0.5	0.2	0.1
Primary metals . . . . .	0.5	0.6	0.6	0.5	0.6	1.1	0.0	0.3	0.6
Industrial machinery and equipment . . . . .	0.4	0.6	0.7	0.1	1.0	0.6	0.5	0.2	0.2
Electronic and other electrical equipment . . . . .	0.3	0.4	0.6	7.3	2.3	1.9	3.1	0.8	0.6
Transportation equipment . . . . .	1.3	0.4	0.5	0.8	0.9	1.0	0.1	0.2	0.1
Nondefense capital goods . . . . .	0.0	0.5	0.5	1.7	1.7	0.8	0.2	0.2	0.1
Defense capital goods . . . . .	0.8	0.4	0.9	3.6	2.2	6.4	0.2	0.1	0.3

Note : The revisions are the differences between the month-to-month percent changes of the advance and final estimates. The monthly averages are the simple averages of the differences, without regard to for the months specified.

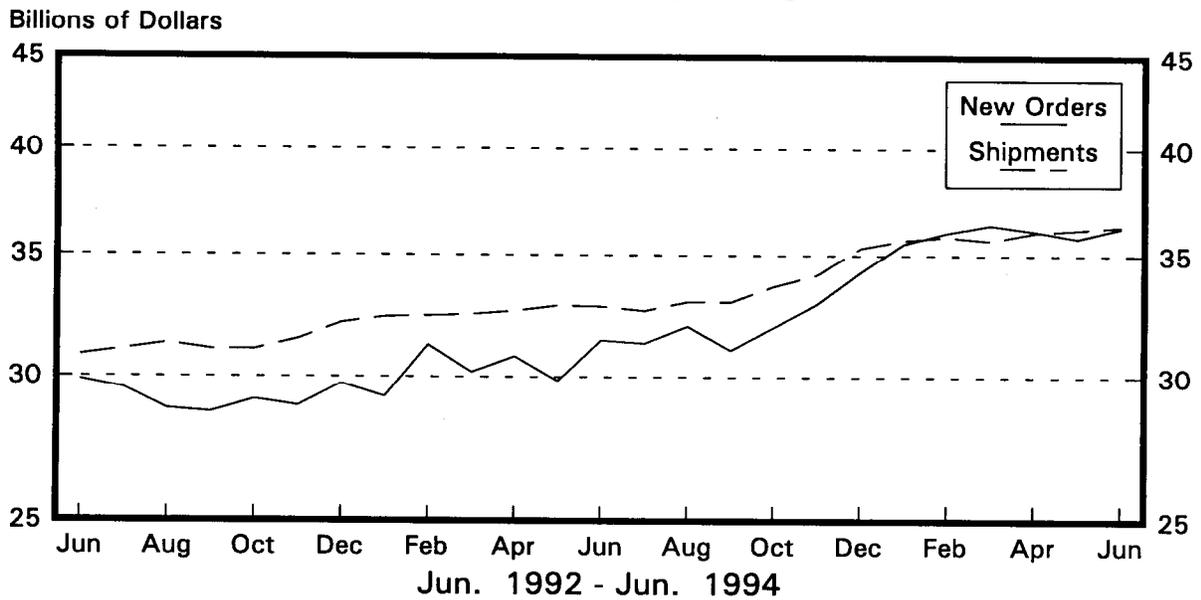
# Total Durable Goods

New Orders and Shipments  
Three Month Moving Averages



# Nondefense Capital Goods

New Orders and Shipments  
Three Month Moving Averages



Note: All Charts based on seasonally adjusted current dollars.