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ADVANCE REPORT ON DURABLE GOODS MANUFACTURERS' SHIPMENTS AND ORDERS
June 1999

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

• **NEW ORDERS** New orders for manufactured durable goods in June increased \$0.6 billion or 0.3 percent to \$196.9 billion, the Department of Commerce, Bureau of the Census reported today. This follows a 0.8 percent May increase and is the tenth increase in the last thirteen months. Excluding transportation, new orders decreased 0.4 percent. Year-to-date, new orders are 6.2 percent above the same period a year ago.

Transportation equipment had the largest increase, \$1.2 billion or 2.7 percent to \$46.6 billion; an increase in motor vehicles and parts more than offset a decrease in aircraft and parts. This follows a 9.0 percent May increase and is the sixth increase in the last eight months. Electronic and other electrical equipment increased \$0.7 billion or 2.1 percent to \$34.8 billion, following a 0.8 percent May decrease. Industrial machinery and equipment decreased \$2.0 billion or 5.4 percent to \$35.7 billion, following a 4.5 percent May decrease. Primary metals increased slightly to \$14.8 billion, following a 0.5 percent May increase.

• **SHIPMENTS** Shipments of durable goods in June increased \$1.7 billion or 0.9 percent to \$201.0 billion, following a 1.1 percent May increase. This is the eleventh increase in the last thirteen months. Year-to-date, shipments are 5.9 percent above the same period a year ago.

Transportation equipment had the largest increase, \$1.3 billion or 2.7 percent to \$50.2 billion, as an increase in motor vehicles and parts more than offset a decrease in aircraft and parts. This follows a 2.2 percent May increase and is the fourth increase in the last five months. Electronic and other electrical equipment, up ten of the last thirteen months, increased \$0.3 billion or 0.8 percent to \$34.2 billion. This follows a 0.7 percent May increase. Primary metals increased \$0.1 billion or 0.8 percent to \$14.6 billion, following a 2.0 percent May increase. Industrial machinery and equipment, down for the first month since January, decreased \$0.5 billion or 1.5 percent to \$37.0 billion, following a 0.1 percent May increase.

• **UNFILLED ORDERS** Unfilled orders for durable goods in June decreased \$4.1 billion or 0.8 percent to \$493.5 billion, following a 0.6 percent May decrease. This is the third consecutive decline. Transportation equipment, down twelve of the last fourteen months, had the largest decrease, \$3.5 billion or 1.5 percent to \$231.5 billion. This follows a 1.4 percent May decrease. Industrial machinery and equipment, down for the first month since November 1998, decreased \$1.2 billion or 1.5 percent to \$77.9 billion. This follows a 0.3 percent May increase. Electronic and other electrical equipment, up seven consecutive months, increased \$0.7 billion or 1.0 percent to \$65.8 billion. This follows a 0.3 percent May increase. Primary metals, up five consecutive months, increased \$0.2 billion or 0.7 percent to \$30.4 billion. This follows a 1.1 percent May increase.

• **CAPITAL GOODS INDUSTRIES, DEFENSE** New orders in June decreased \$0.2 billion or 3.8 percent to \$5.6 billion, following a 14.5 percent May increase. Shipments decreased \$0.2 billion or 3.7 percent to \$6.3 billion, following a 0.7 percent May increase. This is the fourth decrease in the last five months. Unfilled orders decreased \$0.8 billion or 0.8 percent to \$94.1 billion, following a 0.8 percent May decrease. This is the third consecutive decrease.

• **CAPITAL GOODS INDUSTRIES, NONDEFENSE** New orders in June decreased \$2.4 billion or 4.6 percent to \$50.5 billion, following a 0.8 percent May increase. Shipments, down for the first month since February, decreased \$1.1 billion or 2.0 percent to \$54.5 billion. This follows a 1.6 percent May increase. Unfilled orders, down for the fourth consecutive month, decreased \$4.0 billion or 1.6 percent to \$252.0 billion. This follows a 1.0 percent May decrease. Excluding aircraft and parts, new orders decreased \$1.8 billion or 4.0 percent to \$44.2 billion; shipments, up for the fourth consecutive month, increased 0.1 percent to \$46.5 billion; and unfilled orders decreased \$2.2 billion or 2.0 percent to \$109.6 billion.

• **REVISED MAY DATA** Revised seasonally adjusted May figures for all manufacturing industries are: shipments, \$350.6 billion (revised from \$350.9 billion); new orders, \$347.9 billion (revised from \$348.6 billion); unfilled orders, \$521.3 billion (revised from \$521.8 billion); and total inventories, \$463.9 billion (revised from \$464.0 billion).

Our internet site address is: <http://www.census.gov/indicator/www/m3>

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

Item	Seasonally adjusted						Not seasonally adjusted ¹			
	Monthly			Percent Change			Monthly			Percent change June99/98
	June 1999 ²	May 1999 ³	Apr. 1999	May-June ²	Apr.-May ⁴	Mar.-Apr.	June 1999 ²	May 1999 ³	June 1998	
DURABLE GOODS										
Total :										
Shipments	201,048	199,353	197,246	+0.9	+1.1	-0.5	219,381	198,707	204,742	+7.1
New orders	196,948	196,308	194,674	+0.3	+0.8	-2.4	209,697	192,207	196,102	+6.9
Unfilled orders	493,465	497,565	500,610	-0.8	-0.6	-0.5	490,160	499,844	501,923	-2.3
Excluding defense :										
Shipments	194,715	192,779	190,720	-1.0	+1.1	-0.5	212,576	192,333	197,861	+7.4
New orders	191,374	190,512	189,614	-0.5	+0.5	-1.0	204,372	187,544	190,513	+7.3
Unfilled orders	399,377	402,718	404,985	-0.8	-0.6	-0.3	395,613	403,817	402,257	-1.7
With unfilled orders :										
Shipments	163,820	163,998	162,442	-0.1	+1.0	0.0	180,451	161,424	172,345	+4.7
New orders	159,720	160,953	159,870	-0.8	+0.7	-2.3	170,767	154,924	163,705	+4.3
Primary metals :										
Shipments	14,626	14,506	14,225	+0.8	+2.0	-1.9	15,460	14,876	15,842	-2.4
New orders	14,848	14,846	14,767	0.0	+0.5	+1.6	15,032	14,734	14,514	+3.6
Unfilled orders	30,417	30,195	29,855	-0.7	+1.1	+1.8	30,522	30,950	32,915	-7.3
Industrial machinery and equipment:										
Shipments	36,958	37,504	37,464	-1.5	+0.1	+1.3	43,676	36,510	44,856	-2.6
New orders	35,757	37,757	39,556	-5.4	-4.5	+3.2	41,587	36,748	43,007	-3.3
Unfilled orders	77,880	79,101	78,848	-1.5	+0.3	+2.7	77,125	79,214	71,967	+7.2
Electronic and other electrical equipment :										
Shipments	34,162	33,875	33,655	-0.8	+0.7	+1.9	37,567	32,391	33,909	+10.8
New orders	34,818	34,096	34,364	-2.1	-0.8	+0.3	35,641	30,346	30,788	+15.8
Unfilled orders	65,829	65,173	64,952	-1.0	+0.3	+1.1	63,037	64,963	55,291	+14.0
Transportation equipment :										
Shipments	50,160	48,818	47,755	-2.7	+2.2	-3.1	52,296	50,270	43,265	+20.9
New orders	46,617	45,378	41,616	-2.7	+9.0	-12.5	48,041	45,756	41,140	+16.8
Unfilled orders	231,453	234,996	238,436	-1.5	-1.4	-2.5	231,485	235,740	251,320	-7.9
CAPITAL GOODS INDUSTRIES⁵										
Total :										
Shipments	60,807	62,163	61,257	-2.2	+1.5	+0.6	70,527	59,334	68,765	+2.6
New orders	56,067	58,718	57,585	-4.5	+2.0	-5.7	64,218	54,951	65,374	-1.8
Unfilled orders	346,066	350,806	354,251	-1.4	-1.0	-1.0	345,959	352,268	361,976	-4.4
Nondefense :										
Shipments	54,474	55,589	54,731	-2.0	+1.6	+0.9	63,722	52,960	61,884	+3.0
New orders	50,493	52,922	52,525	-4.6	+0.8	-1.5	58,893	50,288	59,785	-1.5
Unfilled orders	251,978	255,959	258,626	-1.6	-1.0	-0.8	251,412	256,241	262,310	-4.2
Excluding aircraft and parts :										
Shipments	46,455	46,421	46,016	+0.1	+0.9	+0.8	55,202	44,091	53,557	+3.1
New orders	44,244	46,089	47,437	-4.0	-2.8	+0.3	52,143	43,754	52,208	-0.1
Unfilled orders	109,602	111,813	112,145	-2.0	-0.3	+1.3	109,036	112,095	104,048	+4.8
Defense :										
Shipments	6,333	6,574	6,526	-3.7	+0.7	-2.2	6,805	6,374	6,881	-1.1
New orders	5,574	5,796	5,060	-3.8	+14.5	-34.9	5,325	4,663	5,589	-4.7
Unfilled orders	94,088	94,847	95,625	-0.8	-0.8	-1.5	94,547	96,027	99,666	-5.1

NA: Not available. ¹ Revised.

² 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.

³ Based on advance sample. 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, nonresponse, 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(96), "Manufacturers' Shipments, Inventories, and Orders: 1987-1996."

⁴ 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.

⁵ Defense capital goods include : ordnance, communication equipment, aircraft, missiles, space vehicles, and parts, ships tanks and tank components, search and navigation equipment.

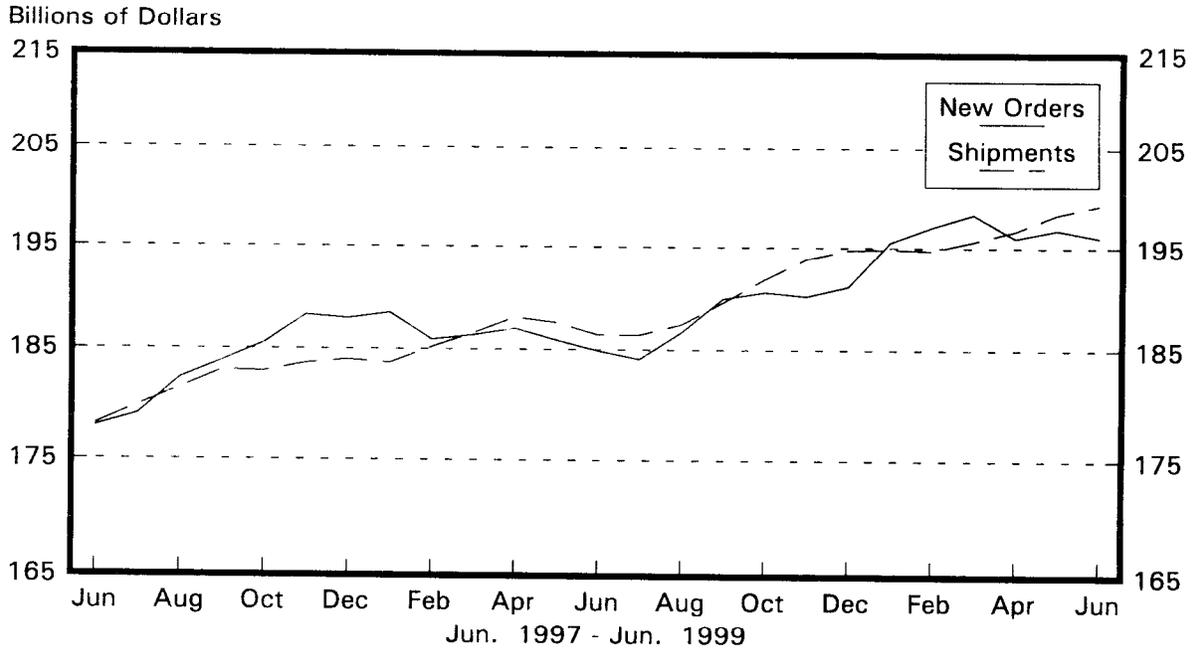
Table 2. AVERAGE REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES
(Based on seasonally adjusted data)

Industry	Shipments			New Orders			Unfilled Orders		
	Year ago June 1998	June 1994-1998	June 1998- May 1999	Year ago June 1998	June 1994-1998	June 1998- May 1999	Year ago June 1998	June 1994-1998	June 1998- May 1999
Durable goods	0.6	0.4	0.6	2.8	0.9	2.2	0.2	0.1	0.4
Primary metals	0.9	0.6	1.1	0.9	1.2	2.3	0.9	0.5	0.8
Industrial machinery and equipment	4.2	1.5	1.0	2.9	1.6	1.0	0.9	0.4	0.7
Electronic and other electrical equipment	5.2	1.3	1.4	10.5	3.4	4.5	0.8	0.8	1.1
Transportation equipment	7.0	2.0	1.9	3.7	1.1	6.7	0.2	0.1	0.5
Nondefense capital goods	3.2	1.6	1.3	1.9	1.1	3.1	0.4	0.1	0.4
Defense capital goods	1.6	1.2	1.4	25.3	7.4	22.8	0.4	0.2	1.0

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 sign, for the months specified.

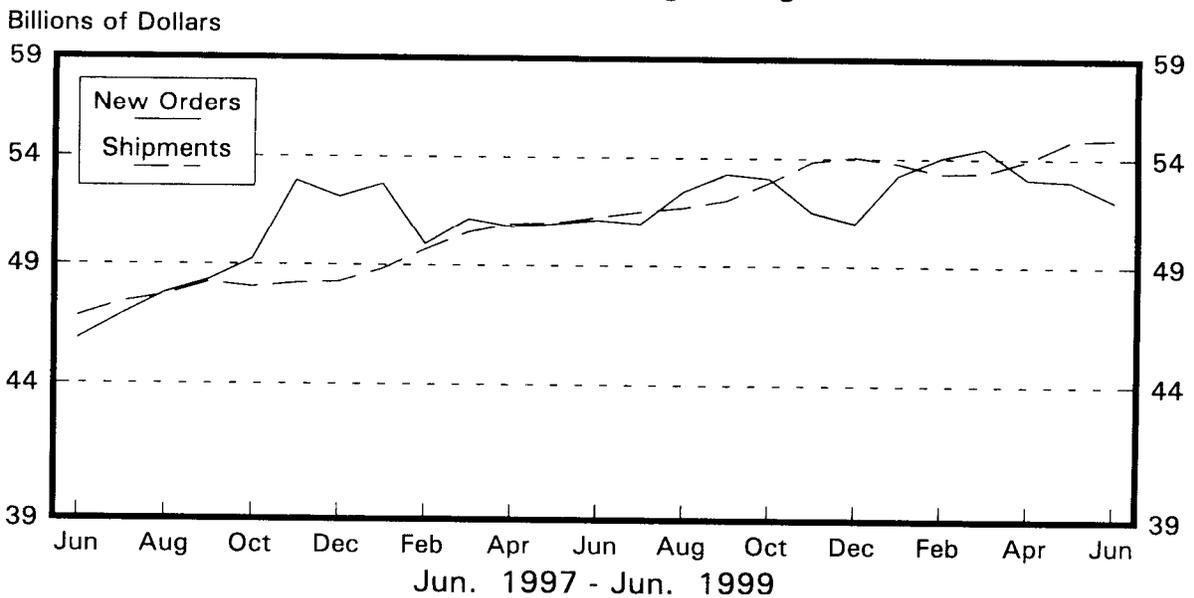
Total Durable Goods

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.