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ADVANCE REPORT ON DURABLE GOODS MANUFACTURERS' SHIPMENTS AND ORDERS
September 2000

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

● **NEW ORDERS** New orders for manufactured durable goods in September increased \$3.8 billion or 1.8 percent to \$221.0 billion, the Department of Commerce, Bureau of the Census reported today. This follows a 3.5 percent August increase and is the fourth increase in the last five months. Excluding transportation, new orders increased 0.8 percent. Year-to-date, new orders are 8.9 percent above the same period a year ago; new orders for the third quarter are 3.2 percent below the second quarter.

Electronic and other electrical equipment had the largest increase, \$4.8 billion or 11.8 percent to \$45.3 billion, due to electronic components and communication equipment. Transportation equipment, up four of the last five months, increased \$2.5 billion or 5.1 percent to \$51.9 billion; led by aircraft and parts, all components increased. Primary metals increased \$0.5 billion or 3.4 percent to \$16.0 billion. Industrial machinery and equipment, down for the first time since May, decreased \$3.3 billion or 7.1 percent to \$42.9 billion. This is the largest decrease since October 1998.

● **SHIPMENTS** Shipments of durable goods in September increased \$0.3 billion or 0.2 percent to \$214.4 billion, following a 0.9 percent August increase. This is the fourth increase in the last five months. Year-to-date, shipments are 6.4 percent above the same period a year ago; shipments for the third quarter are 0.2 percent below the second quarter.

Transportation equipment had the largest increase, \$0.9 billion or 1.9 percent to \$48.6 billion, led by motor vehicles and parts. This is the fourth increase in the last five months. Electronic and other electrical equipment, up six of the last seven months, increased \$0.8 billion or 1.8 percent to \$42.0 billion. Industrial machinery and equipment, down four of the last five months, decreased \$0.7 billion or 1.6 percent to \$42.9 billion. Primary metals, down three consecutive months, decreased 0.3 percent to \$15.8 billion.

● **UNFILLED ORDERS** Unfilled orders for durable goods in September increased \$6.6 billion or 1.2 percent to \$563.7 billion, following a 0.6 percent August increase. This is the thirteenth increase in the last fifteen months. Transportation equipment had the largest increase, \$3.4 billion or 1.4 percent to \$247.5 billion, due to aircraft and parts. Electronic and other electrical equipment increased \$3.2 billion or 3.2 percent to \$104.1 billion. Primary metals increased \$0.2 billion or 0.7 percent to \$30.8 billion. This is the first increase since October 1999. Industrial machinery and equipment increased slightly to \$92.8 billion. This is the fifteenth consecutive increase.

● **CAPITAL GOODS INDUSTRIES, DEFENSE** New orders in September decreased \$0.4 billion or 5.6 percent to \$6.9 billion. Shipments increased \$0.1 billion or 1.7 percent to \$6.4 billion. Unfilled orders increased \$0.5 billion or 0.5 percent to \$109.5 billion.

● **CAPITAL GOODS INDUSTRIES, NONDEFENSE** New orders in September increased \$1.7 billion or 2.6 percent to \$67.3 billion. Shipments decreased \$0.2 billion or 0.3 percent to \$62.6 billion. Unfilled orders increased \$4.7 billion or 1.7 percent to \$281.0 billion. This is the ninth increase in the last ten months. Excluding aircraft and parts, new orders, down three consecutive months, decreased \$0.4 billion or 0.8 percent to \$55.0 billion; shipments, up six of the last seven months, increased \$0.1 billion or 0.2 percent to \$54.0 billion; and unfilled orders, up thirteen consecutive months, increased \$0.9 billion or 0.7 percent to \$130.9 billion.

● **REVISED AUGUST DATA** Revised seasonally adjusted August figures for all manufacturing industries are: shipments, \$381.0 billion (revised from \$381.4 billion); new orders, \$383.9 billion (revised from \$382.5 billion); unfilled orders, \$582.5 billion (revised from \$580.7 billion); and total inventories, \$487.8 billion (revised from \$487.6 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 Sep. 00/99
	Sep. 2000 ²	Aug. 2000 ¹	Jul. 2000	Aug. - Sep. ²	Jul. - Aug. ¹	Jun. - Jul.	Sep. 2000 ²	Aug. 2000 ¹	Sep. 1999	
DURABLE GOODS										
Total:										
Shipments.....	214,395	214,070	212,142	+0.2	+0.9	-2.5	232,808	210,548	219,306	+6.2
New Orders.....	220,967	217,155	209,877	+1.8	+3.5	-13.2	232,939	211,783	216,720	+7.5
Unfilled Orders.....	563,704	557,132	554,047	+1.2	+0.6	-0.4	558,562	558,431	495,949	+12.6
Excluding defense:										
Shipments.....	208,036	207,817	205,591	+0.1	+1.1	-2.4	226,092	204,612	212,455	+6.4
New Orders.....	214,076	209,852	203,791	+2.0	+3.0	-7.8	226,570	206,221	211,647	+7.1
Unfilled Orders.....	454,164	448,124	446,089	+1.3	+0.5	-0.4	450,800	450,322	406,569	+10.9
With unfilled orders:										
Shipments.....	179,510	180,005	177,514	-0.3	+1.4	-1.8	196,083	176,358	181,172	+8.2
New Orders.....	186,082	183,090	175,249	+1.6	+4.5	-14.4	196,214	177,593	178,586	+9.9
Primary metals:										
Shipments.....	15,815	15,855	15,917	-0.3	-0.4	-1.1	16,330	15,905	15,852	+3.0
New Orders.....	16,028	15,507	15,597	+3.4	-0.6	-2.5	15,895	15,258	15,242	+4.3
Unfilled Orders.....	30,835	30,622	30,970	+0.7	-1.1	-1.0	29,963	30,398	31,194	-3.9
Industrial machinery and equipment:										
Shipments.....	42,870	43,564	44,185	-1.6	-1.4	+5.0	46,952	40,649	41,716	+12.6
New Orders.....	42,904	46,202	45,820	-7.1	+0.8	+5.1	46,551	43,642	43,040	+8.2
Unfilled Orders.....	92,767	92,733	90,095	0.0	+2.9	+1.8	91,987	92,388	80,213	+14.7
Electronic and other electrical equipment:										
Shipments.....	42,022	41,271	40,771	+1.8	+1.2	-1.3	48,134	39,650	40,421	+19.1
New Orders.....	45,263	40,478	38,150	+11.8	+6.1	-18.9	47,767	37,958	40,871	+16.9
Unfilled Orders.....	104,123	100,882	101,675	+3.2	-0.8	-2.5	101,319	101,686	74,178	+36.6
Transportation equipment:										
Shipments.....	48,560	47,650	46,651	+1.9	+2.1	-10.7	51,805	47,457	51,593	+0.4
New Orders.....	51,927	49,423	46,161	+5.1	+7.1	-32.6	54,287	48,644	49,046	+10.7
Unfilled Orders.....	247,547	244,180	242,407	+1.4	+0.7	-0.2	247,253	244,771	224,857	+10.0
CAPITAL GOODS INDUSTRIES³										
Total:										
Shipments.....	68,928	69,026	67,324	-0.1	+2.5	-2.4	77,329	64,615	68,718	+12.5
New Orders.....	74,161	72,858	68,369	+1.8	+6.6	-25.4	80,986	67,309	67,945	+19.2
Unfilled Orders.....	390,590	385,357	381,525	+1.4	+1.0	+0.3	387,932	384,275	340,550	+13.9
Nondefense:										
Shipments.....	62,569	62,773	60,773	-0.3	+3.3	-1.9	70,613	58,679	61,867	+14.1
New Orders.....	67,270	65,555	62,283	+2.6	+5.3	-12.2	74,617	61,747	62,872	+18.7
Unfilled Orders.....	281,050	276,349	273,567	+1.7	+1.0	+0.6	280,170	276,166	251,170	+11.5
Excluding aircraft and parts:										
Shipments.....	54,018	53,909	53,971	+0.2	-0.1	+0.8	61,280	50,154	53,933	+13.6
New Orders.....	54,951	55,369	55,506	-0.8	-0.2	-3.7	61,516	51,900	55,377	+11.1
Unfilled Orders.....	130,939	130,006	128,546	+0.7	+1.1	+1.2	130,059	129,823	110,689	+17.5
Defense:										
Shipments.....	6,359	6,253	6,551	+1.7	-4.5	-7.1	6,716	5,936	6,851	-2.0
New Orders.....	6,891	7,303	6,086	-5.6	+20.0	-70.6	6,369	5,562	5,073	+25.5
Unfilled Orders.....	109,540	109,008	107,958	+0.5	+1.0	-0.4	107,762	108,109	89,380	+20.6

(NA) Not Available ¹ Revised

¹ 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.

² 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, 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(97), "Manufacturers' Shipments, Inventories, and Orders: 1987-1997."

³ 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)

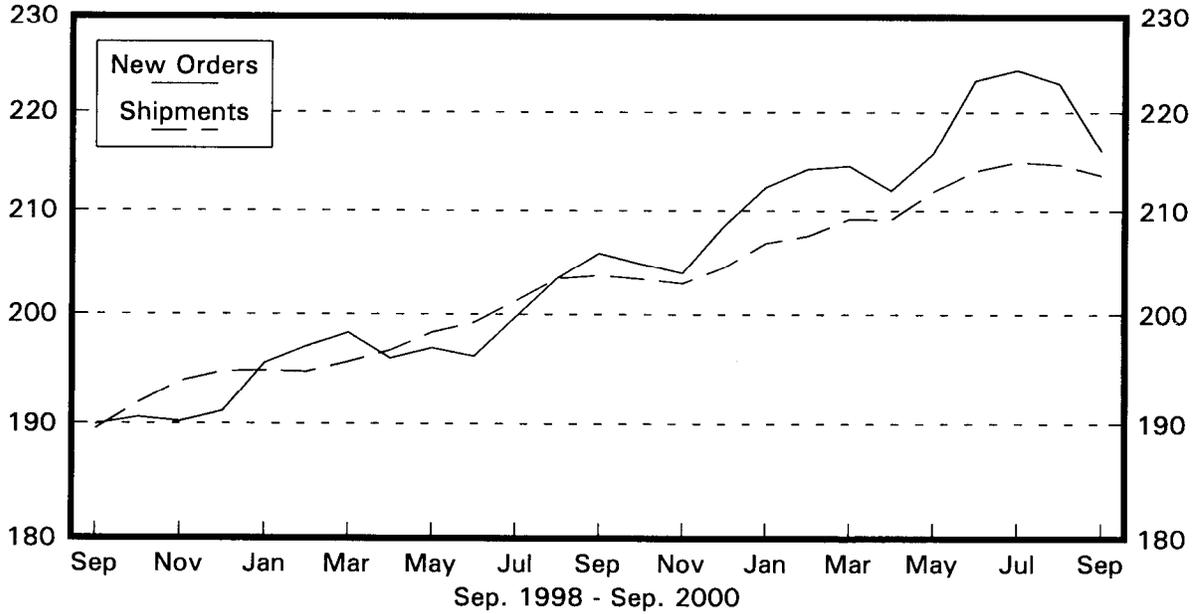
Industry	Shipments			New Orders			Unfilled Orders		
	Year ago	Sep.	Sep. 1999-	Year ago	Sep.	Sep. 1999-	Year ago	Sep.	Sep. 1999-
	Sep. 1999	1995-1999	Aug. 2000	Sep. 1999	1995-1999	Aug. 2000	Sep. 1999	1995-1999	Aug. 2000
Durable Goods.....	0.0	0.4	0.5	0.2	0.4	0.8	0.1	0.1	0.3
Primary metals.....	0.1	0.5	0.3	0.5	1.5	0.9	0.2	0.3	0.3
Industrial machinery and equipment.....	0.5	0.6	0.9	0.3	0.7	1.0	0.0	0.2	0.4
Electronic and other electrical equipment.....	0.4	0.7	0.5	0.1	1.1	2.3	0.1	0.4	0.8
Transportation equipment.....	0.1	0.3	0.9	1.0	1.2	2.2	0.2	0.2	0.3
Nondefense capital goods.....	0.4	0.6	0.9	0.5	0.4	1.5	0.2	0.2	0.2
Defense capital goods.....	1.7	1.4	1.6	7.3	2.7	9.5	0.4	0.3	0.5

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

Total Durable Goods

New Orders and Shipments
Three Month Moving Averages

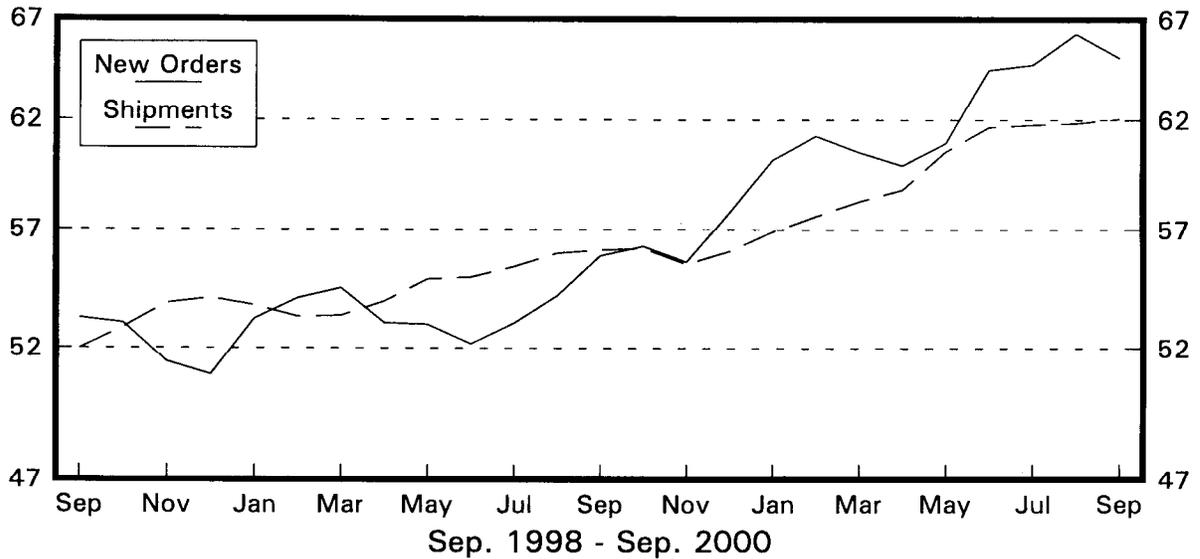
Billions of Dollars



Nondefense Capital Goods

New Orders and Shipments
Three Month Moving Averages

Billions of Dollars



Note: All Charts based on seasonally adjusted current dollars.