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ADVANCE REPORT ON DURABLE GOODS MANUFACTURERS' SHIPMENTS, INVENTORIES, AND ORDERS
July 2001

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

• **NEW ORDERS** for manufactured durable goods in July decreased \$1.2 billion or 0.6 percent to \$182.0 billion, the Department of Commerce, Bureau of the Census reported today. This follows a 2.6 percent June decrease. Excluding transportation, new orders decreased 1.4 percent. Year to date, new orders are 11.6 percent below the same period a year ago.

Computers and electronic products had the largest decrease, \$1.5 billion or 4.4 percent to \$32.5 billion, due to semiconductors. Machinery decreased \$0.7 billion or 3.0 percent to \$23.5 billion. Transportation equipment increased \$0.7 billion or 1.3 percent to \$53.0 billion, due to motor vehicles and parts; nondefense aircraft and parts decreased \$0.9 billion or 10.6 percent to \$7.6 billion.

• **SHIPMENTS** of durable goods in July increased \$0.3 billion or 0.2 percent to \$187.9 billion, following a 2.5 percent June decrease. Year to date, shipments are 6.2 percent below the same period a year ago.

Transportation equipment had the largest increase, \$0.7 billion or 1.4 percent to \$54.4 billion, due to motor vehicles and parts; nondefense aircraft and parts decreased \$0.4 billion or 4.6 percent to \$8.5 billion. Machinery increased \$0.4 billion or 1.5 percent to \$24.6 billion. Computers and electronic products, led by nondefense communications equipment and semiconductors, decreased \$1.2 billion or 3.4 percent to \$35.7 billion; this is the seventh consecutive decrease. Electrical equipment decreased \$0.4 billion or 3.8 percent to \$10.5 billion; this is the largest decrease since September 1999.

• **UNFILLED ORDERS** for durable goods in July, down seven consecutive months, decreased \$5.9 billion or 1.0 percent to \$568.2 billion, following a 0.8 percent June decrease; this is the largest decrease since January. Computers and electronic products, led by semiconductors, had the largest decrease, \$3.3 billion or 2.4 percent to \$133.1 billion; this is the eighth consecutive decrease. Transportation equipment decreased \$1.4 billion or 0.5 percent to \$286.2 billion; nondefense aircraft and parts decreased \$1.0 billion or 0.6 percent to \$149.9 billion. Machinery, down six of the last seven months, decreased \$1.0 billion or 1.6 percent to \$60.3 billion.

• **INVENTORIES** for durable goods in July, down six consecutive months, decreased \$1.9 billion or 0.6 percent to \$299.0 billion, following a 1.1 percent June decrease. Computers and electronic products, down five consecutive months, had the largest decrease, \$0.8 billion or 1.4 percent to \$56.8 billion.

• **CAPITAL GOODS INDUSTRIES, DEFENSE** New orders in July increased \$0.8 billion or 15.6 percent to \$6.3 billion. Shipments decreased \$0.3 billion or 4.1 percent to \$6.4 billion. Unfilled orders decreased \$0.1 billion or 0.1 percent to \$123.8 billion. Inventories decreased 0.3 percent to \$18.2 billion.

• **CAPITAL GOODS INDUSTRIES, NONDEFENSE** New orders in July, down four consecutive months, decreased \$1.2 billion or 1.9 percent to \$60.2 billion. Shipments, down four of the last five months, decreased \$1.1 billion or 1.7 percent to \$63.6 billion. Unfilled orders, down seven consecutive months, decreased \$3.4 billion or 1.2 percent to \$268.3 billion. Inventories, down six consecutive months, decreased \$0.6 billion or 0.4 percent to \$128.5 billion.

• **REVISED JUNE DATA** Revised seasonally adjusted June figures for all manufacturing industries are: shipments, \$336.8 billion (revised from \$337.7 billion); new orders, \$332.4 billion (revised from \$334.6 billion); unfilled orders, \$574.1 billion (revised from \$575.4 billion); and total inventories, \$472.3 billion (revised from \$473.3 billion).

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

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

Item	Seasonally Adjusted						Not Seasonally Adjusted ¹			
	Monthly			Percent Change			Monthly			Percent Change Jul 01/00
	Jul 2001 ²	Jun 2001 ^r	May 2001	Jun - Jul ²	May - Jun ^r	Apr - May	Jul 2001 ²	Jun 2001 ^r	Jul 2000	
DURABLE GOODS										
Total:										
Shipments.....	187,945	187,616	192,463	+0.2	-2.5	+3.2	157,742	206,146	172,267	-8.4
New Orders.....	182,024	183,203	188,089	-0.6	-2.6	+2.8	151,254	196,711	176,518	-14.3
Excluding transportation:										
Shipments.....	133,535	133,941	138,148	-0.3	-3.0	+0.7	120,410	147,090	135,423	-11.1
New Orders.....	129,042	130,924	133,729	-1.4	-2.1	+2.7	117,888	140,475	140,486	-16.1
Excluding defense:										
Shipments.....	180,572	180,009	185,482	+0.3	-3.0	+3.1	151,204	197,721	166,292	-9.1
New Orders.....	174,770	176,596	180,533	-1.0	-2.2	+2.8	146,837	190,650	172,364	-14.8
Primary metals:										
Shipments.....	12,099	11,881	12,340	+1.8	-3.7	+4.7	10,971	12,427	12,439	-11.8
New Orders.....	11,935	12,126	12,455	-1.6	-2.6	+7.0	10,783	12,399	12,042	-10.5
Fabricated metal products:										
Shipments.....	20,332	20,098	20,729	+1.2	-3.0	+2.4	18,970	21,332	20,062	-5.4
New Orders.....	20,356	20,180	20,500	+0.9	-1.6	+3.5	19,218	21,271	20,073	-4.3
Machinery:										
Shipments.....	24,553	24,193	25,266	+1.5	-4.2	+1.8	21,646	26,785	22,921	-5.6
New Orders.....	23,549	24,265	24,645	-3.0	-1.5	+2.3	20,833	25,485	23,886	-12.8
Computers and electronic products:										
Shipments.....	35,712	36,956	37,811	-3.4	-2.3	-3.2	30,233	42,560	40,058	-24.5
New Orders.....	32,459	33,964	35,168	-4.4	-3.4	+1.1	27,915	38,363	43,715	-36.1
Computers and related products:										
Shipments.....	8,780	8,677	9,414	+1.2	-7.8	-5.5	7,332	10,996	10,022	-26.8
New Orders.....	8,440	8,804	9,262	-4.1	-4.9	-6.2	7,061	11,007	9,774	-27.8
Communications equipment:										
Shipments.....	6,719	7,176	7,246	-6.4	-1.0	-2.9	5,608	8,513	8,094	-30.7
New Orders.....	6,254	5,286	6,109	+18.3	-13.5	-16.4	4,552	6,517	8,398	-45.8
Semiconductors:										
Shipments.....	6,748	7,150	7,298	-5.6	-2.0	-6.7	5,704	7,832	8,380	-31.9
New Orders.....	4,583	6,191	6,532	-26.0	-5.2	+34.6	5,098	6,275	11,542	-55.8
Electrical equipment, appliances, and components:										
Shipments.....	10,540	10,960	11,292	-3.8	-2.9	+0.8	9,312	12,133	10,060	-7.4
New Orders.....	10,728	10,580	10,757	+1.4	-1.6	-0.4	9,708	11,450	10,452	-7.1
Transportation equipment:										
Shipments.....	54,410	53,675	54,315	+1.4	-1.2	+10.0	37,332	59,056	36,844	+1.3
New Orders.....	52,982	52,279	54,360	+1.3	-3.8	+3.2	33,366	56,236	36,032	-7.4
Motor vehicles and parts:										
Shipments.....	38,195	36,778	38,540	+3.9	-4.6	+8.5	24,216	39,894	25,319	-4.4
New Orders.....	38,045	36,669	38,338	+3.8	-4.4	+6.8	24,172	39,529	25,414	-4.9
Aircraft and parts:										
Shipments.....	11,075	11,748	10,882	-5.7	+8.0	+17.3	8,659	13,488	7,400	+17.0
New Orders.....	9,986	10,725	11,551	-6.9	-7.2	+3.9	5,770	12,733	6,908	-16.5
All other durable goods:										
Shipments.....	30,299	29,853	30,710	+1.5	-2.8	+2.2	29,278	31,853	29,883	-2.0
New Orders.....	30,015	29,809	30,204	+0.7	-1.3	+3.7	29,431	31,507	30,318	-2.9
Capital goods:³										
Shipments.....	69,999	71,366	72,616	-1.9	-1.7	+1.9	60,643	81,180	67,156	-9.7
New Orders.....	66,514	66,819	69,937	-0.5	-4.5	-1.3	54,760	73,407	67,945	-19.4
Nondefense capital goods:										
Shipments.....	63,595	64,686	66,527	-1.7	-2.8	+1.6	54,875	73,825	61,993	-11.5
New Orders.....	60,225	61,379	63,765	-1.9	-3.7	-1.3	50,490	68,763	64,102	-21.2
Defense capital goods:										
Shipments.....	6,404	6,680	6,089	-4.1	+9.7	+5.8	5,768	7,355	5,163	+11.7
New Orders.....	6,289	5,440	6,172	+15.6	-11.9	-1.2	4,270	4,644	3,843	+11.1

(NA) Not Available ^r Revised

¹ Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations; unfilled orders and total inventories 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(00), "Manufacturers' Shipments, Inventories, and Orders: 1992-2000."

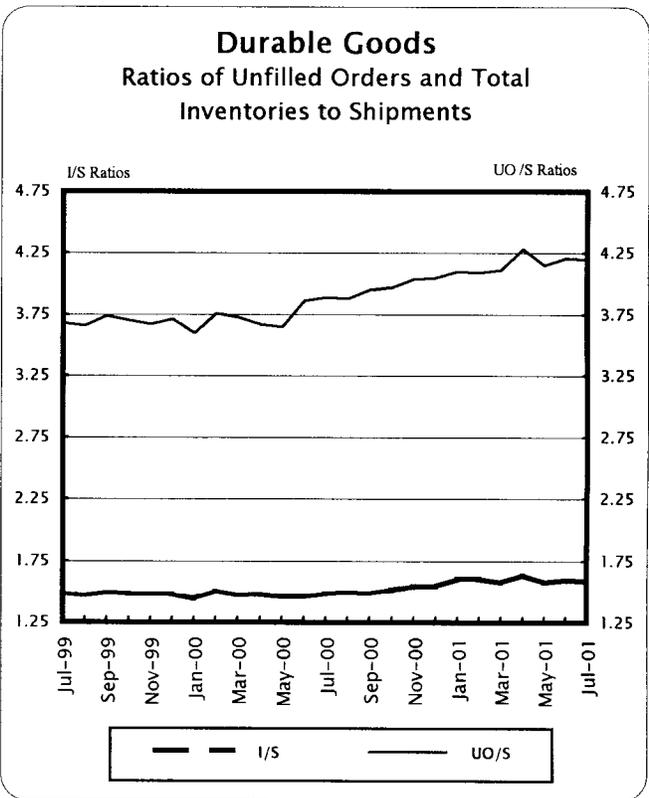
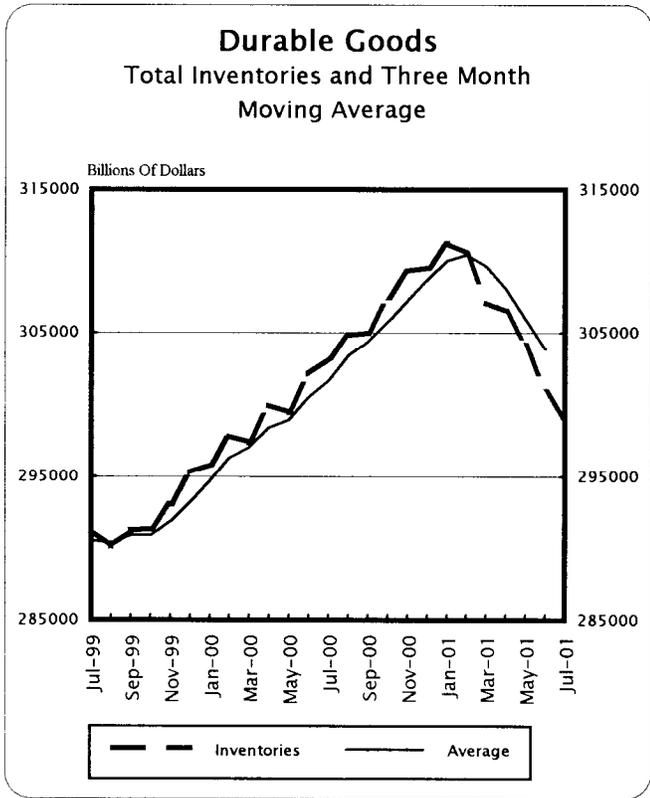
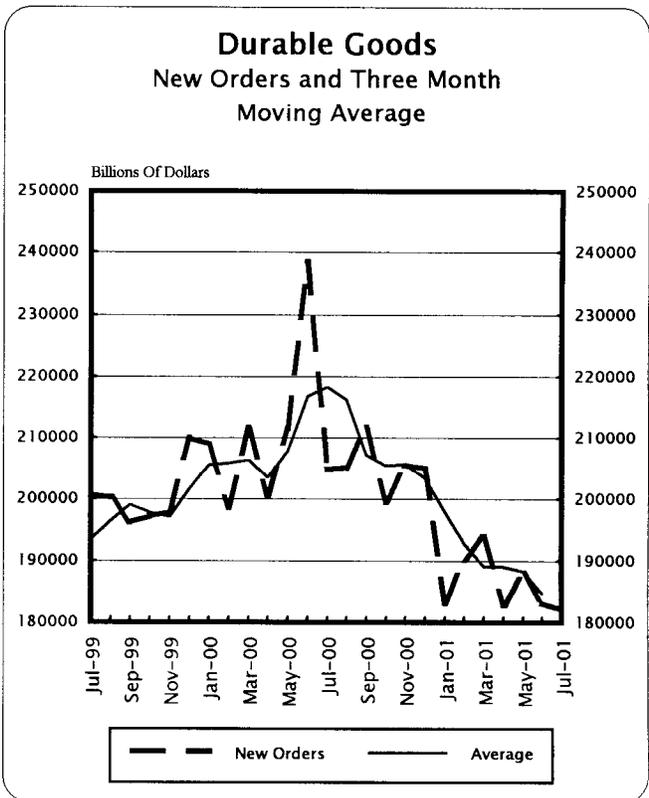
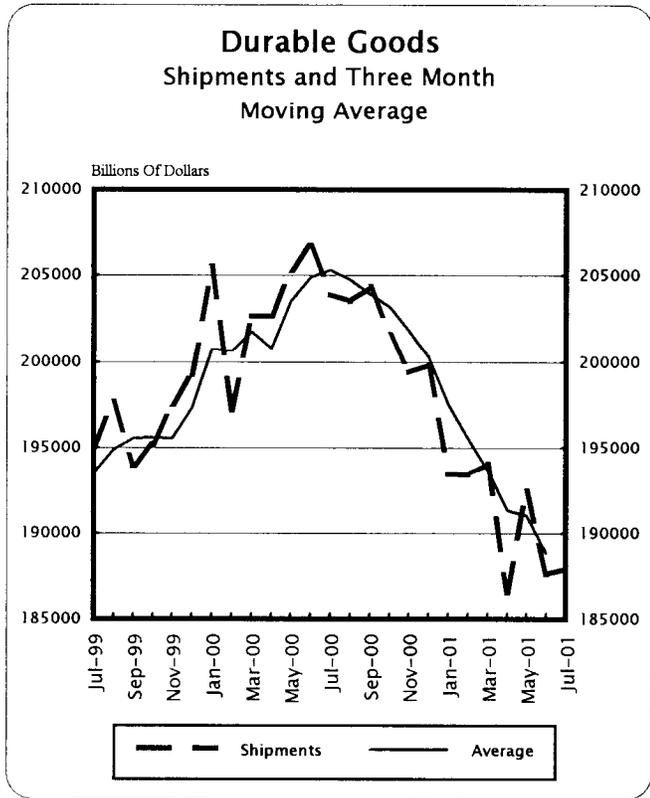
³ The Capital Goods Industries include Nondefense : small arms and ordnance; farm machinery and equipment; construction machinery; mining, oil, and gas field machinery; industrial machinery; vending, laundry, and other machinery; photographic equipment; metalworking machinery; turbines and generators; other power transmission equipment; pumps and compressors; material handling equipment; all other machinery; electronic computers; computer storage devices; other computer peripheral equipment; communications equipment; search and navigation equipment; electromedical, measuring, and control instruments; electrical equipment; other electrical equipment, appliances, and components; heavy duty trucks; aircraft; railroad rolling stock; ships and boats; office and institutional furniture; and medical equipment and supplies.

Defense Capital Goods include : small arms and ordnance, communications equipment, aircraft; missiles, space vehicles, and parts, ships and boats, and search and navigation equipment.

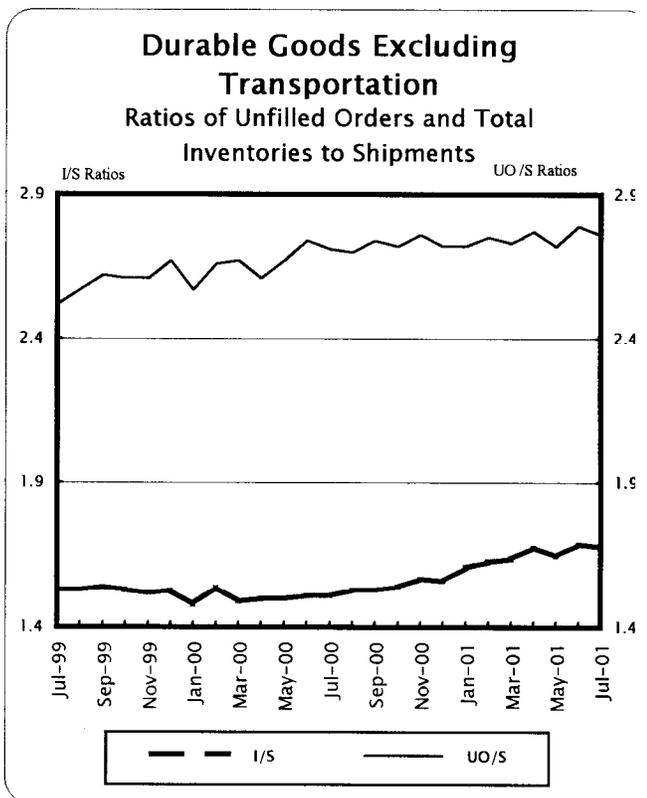
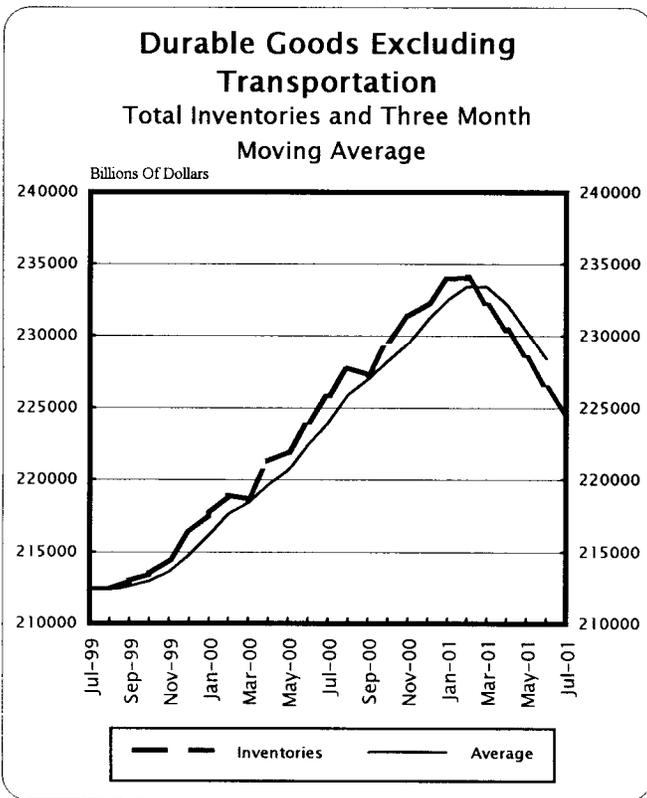
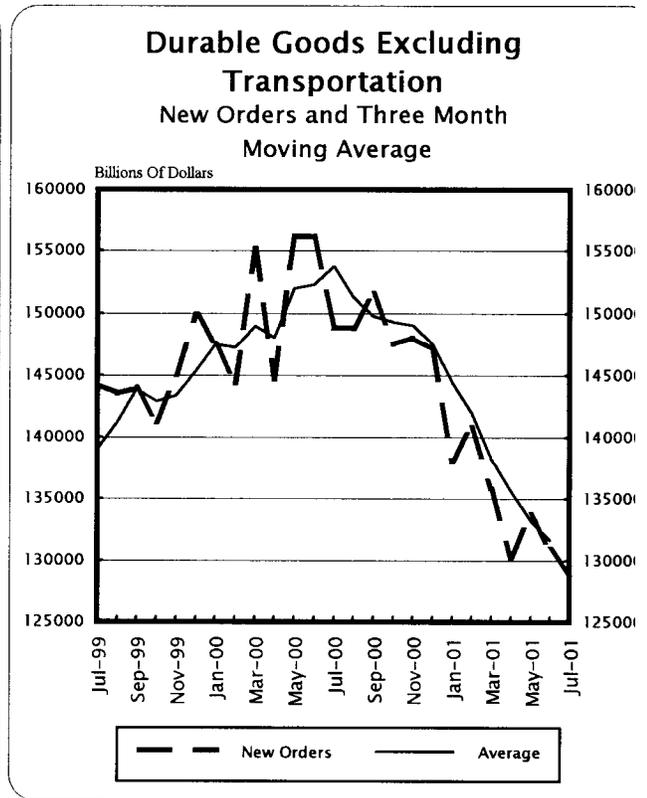
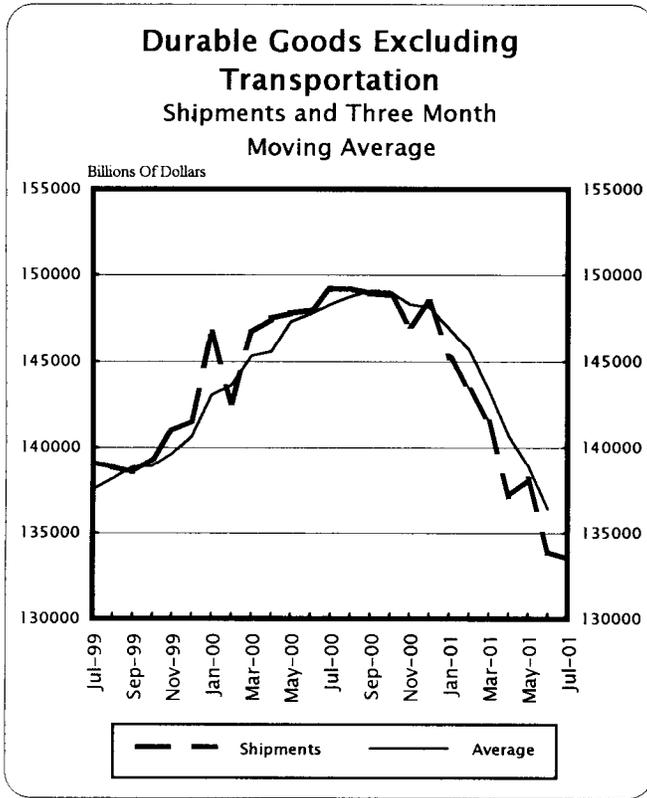
Table 2. DURABLE GOODS MANUFACTURERS' UNFILLED ORDERS AND TOTAL INVENTORIES
(Millions of Dollars)

Item	Seasonally Adjusted						Not Seasonally Adjusted ¹			
	Monthly			Percent Change			Monthly			Percent Change Jul 01/00
	Jul 2001 ²	Jun 2001 ^r	May 2001	Jun - Jul ²	May - Jun ^r	Apr - May	Jul 2001 ²	Jun 2001 ^r	Jul 2000	
DURABLE GOODS										
Total:										
Unfilled Orders.....	568,161	574,082	578,495	-1.0	-0.8	-0.8	565,829	572,317	581,622	-2.7
Total Inventories.....	299,008	300,897	304,174	-0.6	-1.1	-0.8	299,713	297,874	305,380	-1.9
Excluding transportation:										
Unfilled Orders.....	281,945	286,438	289,455	-1.6	-1.0	-1.5	282,027	284,549	318,109	-11.3
Total Inventories.....	224,644	226,353	228,429	-0.8	-0.9	-0.9	224,703	224,402	227,092	-1.1
Excluding defense:										
Unfilled Orders.....	426,108	431,910	435,323	-1.3	-0.8	-1.1	424,509	428,876	443,187	-4.2
Total Inventories.....	277,579	279,428	281,910	-0.7	-0.9	-0.8	277,906	276,350	281,920	-1.4
Primary metals:										
Unfilled Orders.....	18,851	19,015	18,770	-0.9	+1.3	+0.6	18,992	19,180	20,817	-8.8
Total Inventories.....	20,838	21,128	21,456	-1.4	-1.5	-1.8	20,866	20,875	23,095	-9.7
Fabricated metal products:										
Unfilled Orders.....	42,043	42,019	41,937	+0.1	+0.2	-0.5	42,470	42,222	43,857	-3.2
Total Inventories.....	34,278	34,410	34,912	-0.4	-1.4	-0.8	34,497	34,526	35,211	-2.0
Machinery:										
Unfilled Orders.....	60,256	61,260	61,188	-1.6	+0.1	-1.0	59,590	60,403	63,398	-6.0
Total Inventories.....	50,862	50,994	51,023	-0.3	-0.1	-0.9	50,500	50,317	49,196	+2.7
Computers and electronic products:										
Unfilled Orders.....	133,097	136,350	139,342	-2.4	-2.1	-1.9	132,911	135,229	157,143	-15.4
Total Inventories.....	56,775	57,563	58,532	-1.4	-1.7	-0.9	57,215	56,838	57,902	-1.2
Computers and related products:										
Unfilled Orders.....	10,060	10,400	10,273	-3.3	+1.2	-1.5	10,153	10,424	9,553	+6.3
Total Inventories.....	8,755	8,786	9,191	-0.4	-4.4	-3.2	8,773	8,410	8,897	-1.4
Communications equipment:										
Unfilled Orders.....	45,020	45,485	47,375	-1.0	-4.0	-2.3	44,566	45,622	48,936	-8.9
Total Inventories.....	11,432	11,508	11,640	-0.7	-1.1	-0.2	11,288	11,101	12,938	-12.8
Semiconductors:										
Unfilled Orders.....	15,256	17,421	18,380	-12.4	-5.2	-4.0	15,524	16,130	32,427	-52.1
Total Inventories.....	7,973	8,472	8,458	-5.9	+0.2	-0.2	8,128	8,496	7,426	+9.5
Electrical equipment, appliances, and components:										
Unfilled Orders.....	17,599	17,411	17,791	+1.1	-2.1	-2.9	17,560	17,164	19,395	-9.5
Total Inventories.....	15,235	15,487	15,776	-1.6	-1.8	-1.2	15,206	15,421	15,118	+0.6
Transportation equipment:										
Unfilled Orders.....	286,216	287,644	289,040	-0.5	-0.5	0.0	283,802	287,768	263,513	+7.7
Total Inventories.....	74,364	74,544	75,745	-0.2	-1.6	-0.4	75,010	73,472	78,288	-4.2
Motor vehicles and parts:										
Unfilled Orders.....	12,833	12,983	13,092	-1.2	-0.8	-1.5	12,581	12,625	14,065	-10.6
Total Inventories.....	21,539	21,704	21,959	-0.8	-1.2	-1.8	21,778	21,274	23,264	-6.4
Aircraft and parts:										
Unfilled Orders.....	195,963	197,052	198,075	-0.6	-0.5	+0.3	194,597	197,486	174,995	+11.2
Total Inventories.....	41,009	40,875	41,228	+0.3	-0.9	0.0	41,308	40,338	43,032	-4.0
All other durable goods:										
Unfilled Orders.....	10,099	10,383	10,427	-2.7	-0.4	-4.6	10,504	10,351	13,499	-22.2
Total Inventories.....	46,656	46,771	46,730	-0.2	+0.1	-0.3	46,419	46,425	46,570	-0.3
Capital goods:³										
Unfilled Orders.....	392,070	395,555	400,102	-0.9	-1.1	-0.7	388,969	394,852	387,998	+0.3
Total Inventories.....	146,710	147,325	149,203	-0.4	-1.3	-0.5	147,022	145,355	148,165	-0.8
Nondefense capital goods:										
Unfilled Orders.....	268,300	271,670	274,977	-1.2	-1.2	-1.0	266,169	270,554	264,323	+0.7
Total Inventories.....	128,493	129,059	130,179	-0.4	-0.9	-0.6	128,467	127,035	128,631	-0.1
Defense capital goods:										
Unfilled Orders.....	123,770	123,885	125,125	-0.1	-1.0	+0.1	122,800	124,298	123,675	-0.7
Total Inventories.....	18,217	18,266	19,024	-0.3	-4.0	-0.1	18,555	18,320	19,534	-5.0

See footnotes at end of Table 1

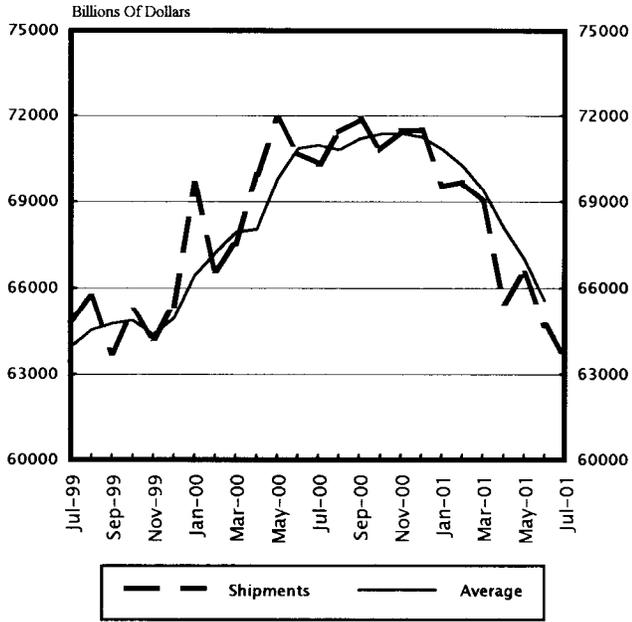


Note: All charts based on seasonally adjusted current dollars.

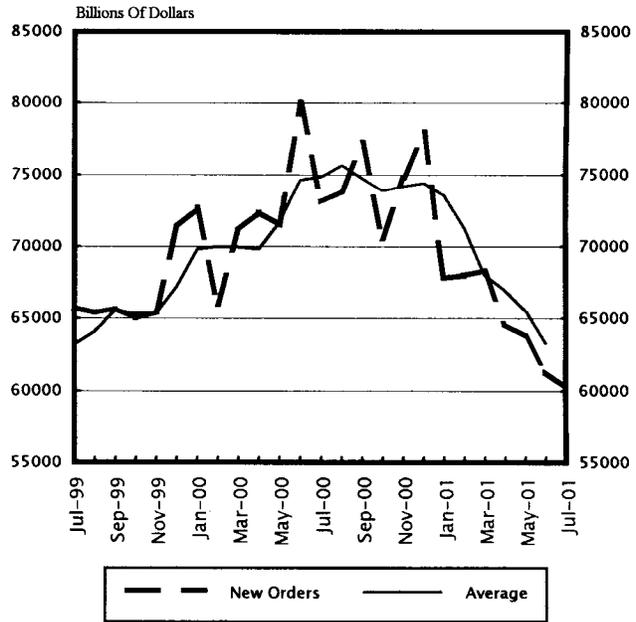


Note: All charts based on seasonally adjusted current dollars.

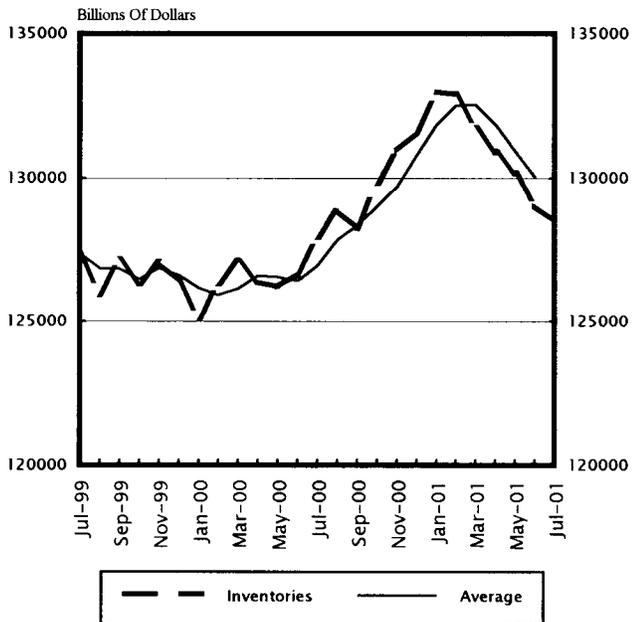
Nondefense Capital Goods Shipments and Three Month Moving Average



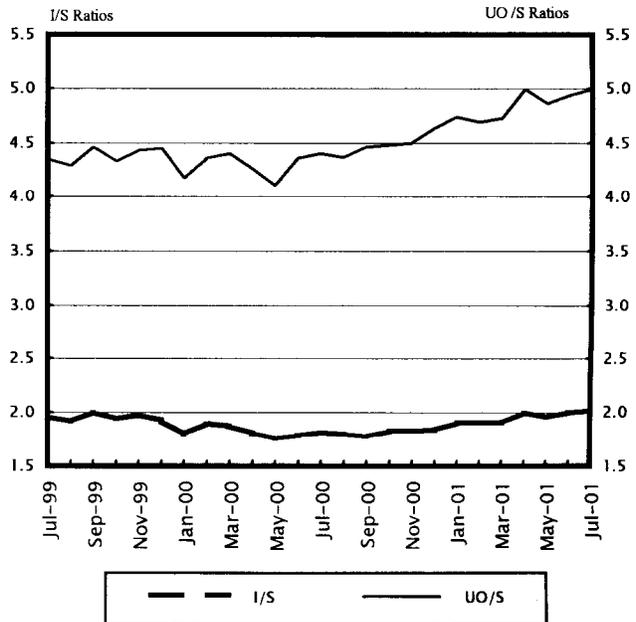
Nondefense Capital Goods New Orders and Three Month Moving Average



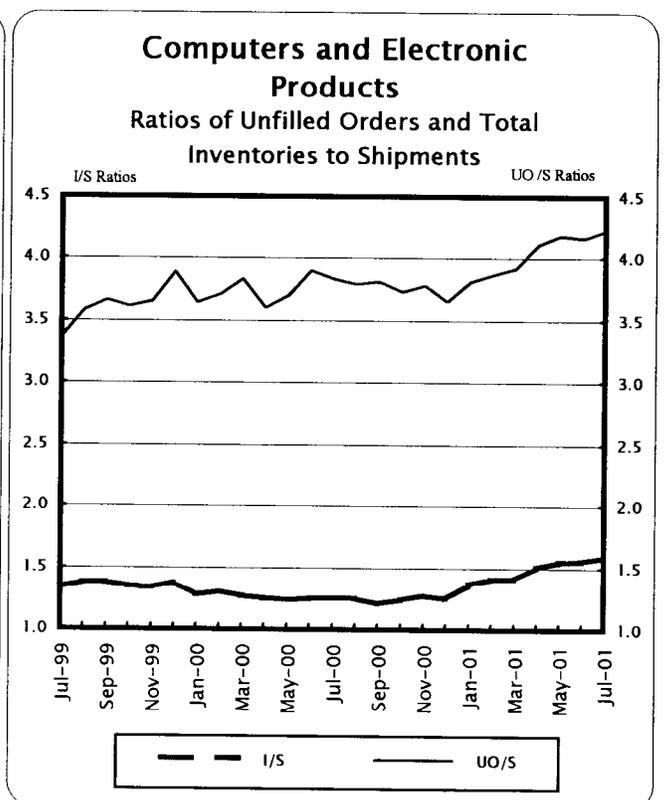
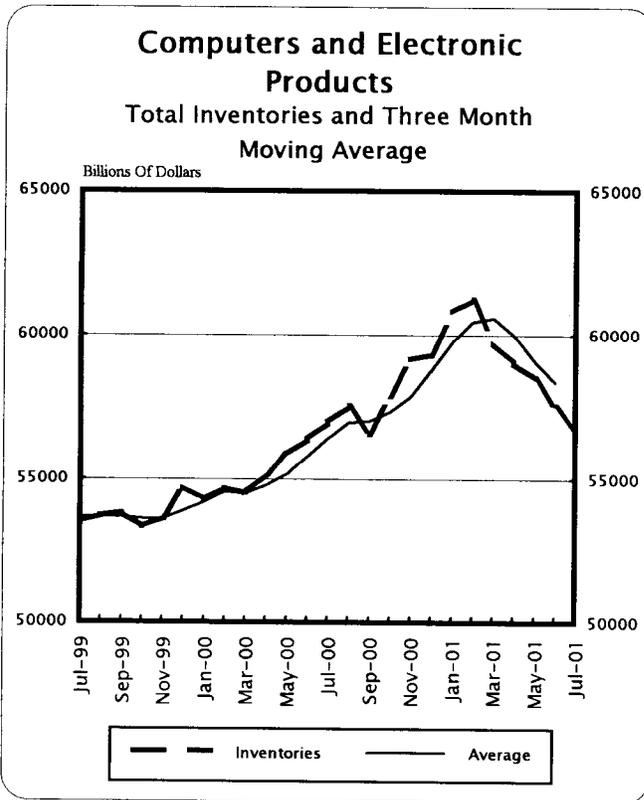
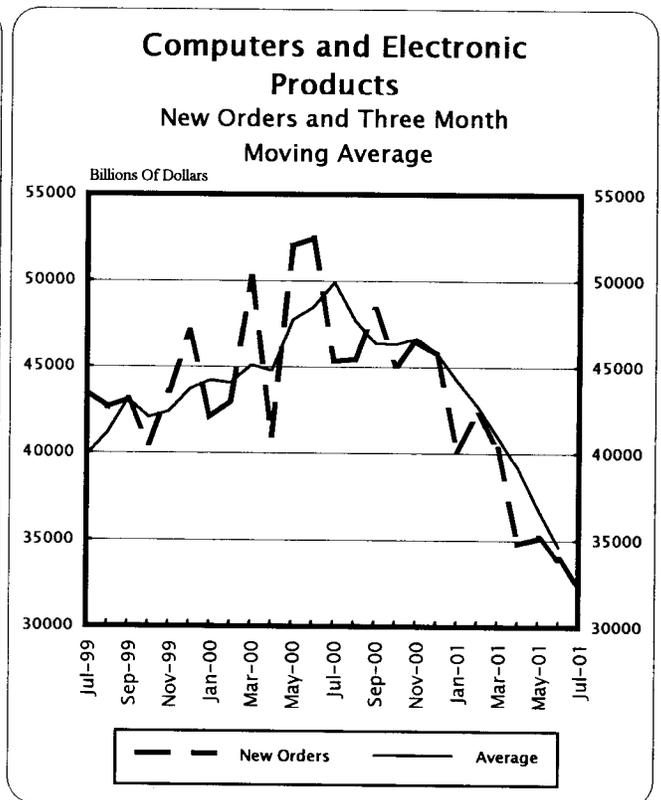
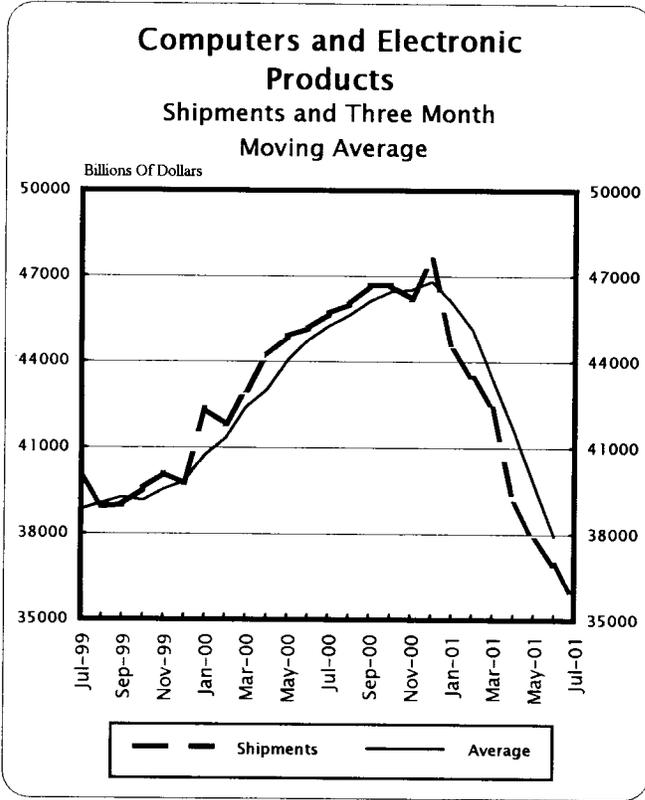
Nondefense Capital Goods Total Inventories and Three Month Moving Average



Nondefense Capital Goods Ratios of Unfilled Orders and Total Inventories to Shipments



Note: All charts based on seasonally adjusted current dollars.



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