



# Manufacturers' Shipments, Inventories, and Orders

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

## Summary

New orders for manufactured goods in October decreased \$1.2 billion or 0.4 percent to \$286.0 billion, the Department of Commerce, Bureau of the Census reported today. This follows a slight increase in September and is the first decrease since July. Excluding transportation equipment, new orders in October increased 0.9 percent. Year to date, new orders are 9.8 percent above the same period a year ago.

Shipments decreased \$1.9 billion or 0.7 percent to \$284.2 billion, following a 0.7 percent decrease in September. This is the third decrease in the last four months and the fifth this year. Excluding transportation equipment, shipments increased 0.1 percent. Year-to-date shipments are 8.3 percent above the same period a year ago.

Unfilled orders increased \$1.8 billion or 0.4 percent to \$450.6 billion, following a 0.2 percent increase in September. The unfilled orders-to-shipments ratio increased to 2.93 from 2.90 in September.

Inventories increased \$1.5 billion or 0.4 percent to \$388.0 billion, following a 0.1 percent decrease in September. This is the sixth increase in the last seven months. The inventories-to-shipments ratio increased to 1.37 from 1.35 in September.

## New Orders

New orders for manufactured durable goods in October decreased \$1.5 billion or 1.0 percent to \$153.9 billion, following a 0.5 percent increase in September. The October percent change is revised from the previously published 1.5 percent decrease. This is the first decline since July and the third this year.

Transportation equipment had the largest decrease, \$3.4 billion or 8.8 percent to \$35.5 billion, with declines in nearly all industries. This follows increases in September of 0.2 percent and August of 20.1 percent. Instruments and related products, following three consecutive declines, had the largest increase, \$1.0 billion or 9.5 percent to \$11.5 billion; all industries increased. Industrial machinery and equipment increased \$0.4 billion or 1.5 percent to \$30.3 billion, following a 0.1 percent decrease in September. Electronic and other electrical equipment increased \$0.1 billion or 0.5 percent to \$23.5 billion, the third consecutive increase and the seventh this year; a large decline in communication equipment was more than offset by increases in the other industries.

New orders for nondurable goods were \$132.1 billion, up \$0.3 billion or 0.2 percent from September. Except for a 0.6 percent decline in September, new orders have increased each month since October 1993. Increases in orders for tobacco, textile mill products, and paper and allied products were only partially offset by declines in printing and publishing, and petroleum and coal products.

## Shipments

Shipments of durable goods in October decreased \$1.7 billion or 1.1 percent to \$152.7 billion, revised from the previously published 1.2 percent decline. This follows a 0.8 percent decline

in September and is the fifth this year. Transportation equipment had the largest decrease, \$2.1 billion or 5.4 percent to \$37.4 billion. This follows a 2.8 percent decrease in September and is the sixth this year. Instruments and related products declined \$0.1 billion or 1.2 percent to \$11.0 billion, following a 0.9 percent decline in September. The largest increase was in industrial machinery and equipment, \$0.3 billion or 1.0 percent to \$28.7 billion, the sixth consecutive increase. Electronic and other electrical equipment increased \$0.1 billion or 0.6 percent to \$23.5 billion, the twelfth consecutive increase.

Shipments of nondurable goods decreased \$0.2 billion or 0.2 percent to \$131.6 billion. This follows a 0.5 percent September decline and ten consecutive increases. The largest declines were in printing and publishing and petroleum and coal products; the largest increases were in tobacco products, and paper and allied products.

## Unfilled Orders

Unfilled orders for durable goods in October increased \$1.3 billion or 0.3 percent to \$426.0 billion, revised from the previously published 0.1 percent increase. This follows an increase in September of 0.3 percent and is the sixth increase this year. Industrial machinery and equipment, up for the sixteenth consecutive month, increased \$1.5 billion or 2.4 percent to \$66.0 billion. Primary metals increased \$1.1 billion or 3.9 percent to \$28.0 billion, the eleventh consecutive monthly increase. Instruments and related products were up \$0.5 billion or 1.1 percent to \$48.5 billion, following a 1.3 percent decline in September. Transportation equipment, down twenty-nine of the last thirty months, had the largest decrease, \$1.9 billion or 0.9 percent to \$201.9 billion, due to aircraft and parts.

## Inventories

Inventories for durable goods in October increased \$1.2 billion or 0.5 percent to \$245.0 billion. Except for the 0.1 percent decrease in September, inventories have increased since March of this year. Electronic and other electrical equipment had the largest increase, \$0.6 billion or 1.6 percent to \$39.1 billion. This is the tenth consecutive increase and the twenty-second in the last twenty-four months. Industrial machinery and equipment increased \$0.3 billion or 0.6 percent to \$49.3 billion. This follows a 0.7 percent decline in September, the first decline since March 1993. Primary metals increased \$0.2 billion or 1.2 percent to \$20.1 billion.

Nondurable goods inventories increased \$0.2 billion or 0.2 percent to \$143.0 billion, following a 0.1 percent September decline. The largest increases were in rubber and plastic products, printing and publishing, and food and kindred products; the largest decline was in tobacco products.

By stage of fabrication, finished goods increased 1.2 percent in durables and 0.3 percent in nondurables. Work in process decreased 0.2 percent in durables and increased 0.3 percent in nondurables. Materials and supplies increased 0.9 percent in durables and declined 0.1 percent in nondurables.

**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	
	Oct. 1994 <sup>P</sup>	Sept. 1994 <sup>r</sup>	Aug. 1994	Sept.-Oct.	Aug.-Sept.	July-Aug.	Oct. 1994 <sup>P</sup>	Sept. 1994 <sup>r</sup>	Aug. 1994	Oct. 1993	Oct. 94/93	1994 <sup>P</sup>	1993
All manufacturing industries . . . . .	284,217	286,134	288,080	-0.7	-0.7	+4.6	295,046	304,359	288,395	272,140	+8.4	2,788,278	2,572,873
Manufacturing Industries													
with unfilled orders . . . . .	153,591	154,585	155,013	-0.6	-0.3	+3.4	158,723	166,360	153,480	144,879	+9.6	1,495,729	1,365,801
without defense capital goods . . . . .	277,471	279,451	280,967	-0.7	-0.5	+4.6	288,429	297,166	281,544	264,673	+9.0	2,721,176	2,500,223
Durable goods industries . . . . .	152,660	154,350	155,619	-1.1	-0.8	+6.2	158,066	164,273	152,591	144,241	+9.6	1,496,389	1,344,111
With unfilled orders . . . . .	121,264	121,902	122,161	-0.5	-0.2	+3.6	124,335	131,620	119,785	113,064	+10.0	1,180,208	1,070,187
Stone, clay, and glass products . . . . .	6,694	6,699	6,796	-0.1	-1.4	+0.7	7,341	7,466	7,310	6,687	+9.8	67,230	58,883
Primary metals . . . . .	13,486	13,393	13,358	+0.7	+0.3	+4.3	14,028	13,935	13,535	11,861	+18.3	128,589	115,546
Blast furnaces, steel mills . . . . .	5,944	5,938	5,963	+0.1	-0.4	+4.5	6,104	6,069	6,029	5,499	+11.0	57,568	52,853
Iron and steel foundries . . . . .	1,204	1,246	1,249	-3.4	-0.2	+5.6	1,333	1,312	1,271	1,218	+9.4	12,070	10,500
Nonferrous and other primary metals . . . . .	6,338	6,209	6,146	+2.1	+1.0	+3.9	6,591	6,554	6,235	5,144	+28.1	58,951	52,193
Fabricated metal products . . . . .	15,231	15,327	15,674	-0.6	-2.2	+3.5	16,148	16,181	15,806	15,312	+5.5	152,164	141,855
Industrial machinery and equipment . . . . .	28,746	28,448	28,407	+1.0	+0.1	+4.2	28,199	30,703	26,270	23,723	+18.9	270,318	233,721
Engines and turbines . . . . .	1,878	1,933	1,950	-2.8	-0.9	+18.7	1,714	2,202	1,728	1,398	+22.6	17,600	14,674
Farm and garden machinery . . . . .	1,876	1,834	1,986	+2.3	-7.7	+10.9	1,812	1,589	1,504	1,427	+27.0	18,305	15,098
Construction, mining and material handling equipment . . . . .	2,855	2,814	2,846	+1.5	-1.1	+2.9	2,949	2,843	2,737	2,628	+12.2	27,434	24,773
Metalworking machinery . . . . .	3,198	3,203	3,098	-0.2	+3.4	+4.0	3,358	3,529	2,895	2,694	+24.6	28,577	25,131
Computer and office equipment . . . . .	7,820	7,703	7,367	+1.5	+4.6	+2.6	7,077	9,492	6,548	5,793	+22.2	70,916	60,606
Electronic and other electrical equipment . . . . .	23,470	23,341	23,133	+0.6	+0.9	+1.5	23,879	25,691	22,891	20,346	+17.4	222,457	189,655
Electrical transmission and distribution equipment and industrial apparatus . . . . .	2,607	2,613	2,653	-0.2	-1.5	+0.3	2,541	2,898	2,601	2,392	+6.2	26,126	23,925
Household appliances . . . . .	1,865	1,895	1,929	-1.6	-1.8	+2.7	1,854	2,010	1,974	1,700	+9.1	18,834	16,613
Electric lighting and wiring equipment . . . . .	1,882	1,877	1,878	+0.3	-0.1	+3.8	1,901	2,009	1,841	1,705	+11.5	17,782	16,518
Household audio and video equipment . . . . .	1,112	1,047	1,074	+6.2	-2.5	+0.5	1,505	1,299	1,184	1,309	+15.0	10,157	9,151
Communications equipment . . . . .	5,372	5,316	5,107	+1.1	+4.1	+1.3	5,120	6,028	4,846	3,936	+30.1	48,175	37,339
Electronic components . . . . .	8,370	8,413	8,336	-0.5	+0.9	+3.9	8,370	8,976	8,368	6,809	+22.9	79,476	66,609
Transportation equipment . . . . .	37,360	39,485	40,612	-5.4	-2.8	+17.1	39,812	40,393	38,786	39,473	+0.9	384,305	350,596
Motor vehicles and parts . . . . .	26,473	28,324	29,270	-6.5	-3.2	+22.2	29,097	28,534	27,939	27,876	+4.4	274,145	233,405
Aircraft, missiles, space vehicles, and parts . . . . .	8,128	8,362	8,634	-2.8	-3.2	+4.8	7,843	8,948	8,105	8,975	-12.6	82,813	92,888
Shipbuilding and tanks . . . . .	848	940	932	-9.8	+0.9	+9.6	846	982	913	1,028	-17.7	9,744	9,659
Instruments and related products . . . . .	11,021	11,151	11,256	-1.2	-0.9	+3.6	10,927	12,222	10,912	10,684	+2.3	108,715	105,739
Search and navigation equipment . . . . .	2,457	2,535	2,552	-3.1	-0.7	-2.1	2,323	2,814	2,410	2,447	-5.1	24,373	26,167
Measuring and controlling devices . . . . .	3,201	3,305	3,315	-3.1	-0.3	+5.6	3,188	3,587	3,265	3,007	+6.0	31,831	28,911
Medical instruments and supplies . . . . .	3,006	2,984	3,049	+0.7	-2.1	+1.4	2,931	3,214	2,981	2,895	+1.2	29,635	29,050
Photographic goods . . . . .	1,962	1,931	1,965	+1.6	-1.7	+10.8	2,091	2,167	1,874	2,001	+4.5	19,132	18,225
All other durable goods . . . . .	16,652	16,506	16,383	+0.9	+0.8	+1.2	17,732	17,682	17,081	16,155	+9.8	162,611	148,116
Nondurable goods industries . . . . .	131,557	131,784	132,461	-0.2	-0.5	+2.7	136,980	140,086	135,804	127,899	+7.1	1,291,889	1,228,762
With unfilled orders . . . . .	32,327	32,683	32,852	-1.1	-0.5	+2.7	34,388	34,740	33,695	31,815	+8.1	315,521	295,614
Food and kindred products . . . . .	35,880	35,810	35,836	+0.2	-0.1	+1.9	37,271	38,219	36,372	36,095	+3.3	355,319	343,616
Meat products . . . . .	8,170	8,145	8,056	+0.3	+1.1	-0.4	8,497	8,522	8,300	8,344	+1.8	80,814	79,710
Dairy products . . . . .	4,641	4,641	4,601	0.0	+0.9	+2.2	4,627	4,815	4,718	4,452	+3.9	46,317	44,950
Beverages . . . . .	5,296	5,182	5,293	+2.2	-2.1	+2.1	5,142	5,305	5,749	4,678	+9.9	52,581	49,486
All other foods, except fats and oils . . . . .	15,996	16,015	16,051	-0.1	-0.2	+1.9	17,228	17,750	15,770	16,859	+2.2	157,532	152,333
Tobacco products . . . . .	2,821	2,529	2,766	+11.5	-8.6	-0.3	2,691	2,784	2,802	2,205	+22.0	26,908	25,730
Textile mill products . . . . .	6,269	6,302	6,261	-0.5	+0.7	+1.1	6,689	6,959	6,678	6,252	+7.0	62,076	58,856
Broadwoven fabrics and other textiles . . . . .	3,892	3,890	3,866	+0.1	+0.6	+1.0	4,005	4,278	4,081	3,703	+8.2	38,380	36,387
Paper and allied products . . . . .	12,053	11,843	11,739	+1.8	+0.9	+3.5	12,370	12,283	12,087	10,885	+13.6	113,615	108,412
Pulp, paper, and paperboard mill products . . . . .	4,898	4,776	4,695	+2.6	+1.7	+4.8	4,937	4,862	4,775	4,292	+15.0	44,933	43,593
Paperboard containers and boxes . . . . .	3,177	3,120	3,106	+1.8	+0.5	+4.4	3,352	3,214	3,242	2,711	+23.6	29,722	26,707
Miscellaneous converted paper products . . . . .	3,978	3,947	3,938	+0.8	+0.2	+1.2	4,081	4,207	4,070	3,882	+5.1	38,960	38,112
Chemicals and allied products . . . . .	29,344	29,475	29,069	-0.4	+1.4	+3.5	28,753	30,783	28,966	25,650	+12.1	283,901	262,793
Industrial chemicals . . . . .	15,679	15,726	15,374	-0.3	+2.3	+3.8	15,679	16,090	15,525	13,258	+18.3	148,782	135,303
Drugs, soaps, and toiletries . . . . .	10,307	10,304	10,349	0.0	-0.4	+2.5	10,266	11,720	10,372	9,967	+3.0	101,410	97,035
Petroleum and coal products . . . . .	11,749	11,971	12,750	-1.9	-6.1	+2.8	12,601	12,711	13,593	12,797	-1.5	119,451	125,086
Rubber and plastics products . . . . .	9,685	9,639	9,690	+0.5	-0.5	+4.5	10,071	10,013	9,872	9,070	+11.0	95,187	87,557
All other nondurable goods . . . . .	23,756	24,215	24,350	-1.9	-0.6	+2.5	26,534	26,334	25,434	24,945	+6.4	235,432	216,712

<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	
	Oct. 1994 <sup>p</sup>	Sept. 1994 <sup>r</sup>	Aug. 1994	Sept.-Oct.	Aug.-Sept.	July-Aug.	Oct. 1994 <sup>p</sup>	Sept. 1994 <sup>r</sup>	Aug. 1994	Oct. 1993	Oct. 94/93	1994 <sup>p</sup>	1993
All manufacturing industries . . . . .	286,012	287,248	287,222	-0.4	0.0	+4.7	295,861	302,249	285,567	268,794	+10.1	2,796,649	2,545,397
Manufacturing industries													
with unfilled orders . . . . .	155,386	155,699	154,155	-0.2	+1.0	+3.6	159,538	164,250	150,652	141,533	+12.7	1,504,100	1,338,325
without defense capital goods . . . . .	280,020	280,309	281,075	-0.1	-0.3	+4.6	289,311	295,003	281,003	262,703	+10.1	2,736,709	2,483,876
Durable goods industries . . . . .	153,934	155,433	154,675	-1.0	+0.5	+6.5	159,274	162,557	149,592	142,295	+11.9	1,501,257	1,317,738
With unfilled orders . . . . .	122,538	122,985	121,217	-0.4	+1.5	+3.8	125,543	129,904	116,786	111,118	+13.0	1,185,076	1,043,814
Stone, clay, and glass products . . . . .	6,801	6,702	6,783	+1.5	-1.2	-0.1	7,189	7,252	7,327	6,376	+12.8	67,808	59,720
Primary metals . . . . .	14,544	14,398	13,696	+1.0	+5.1	+5.2	14,390	14,028	13,059	11,589	+24.2	133,313	115,986
Blast furnaces, steel mills . . . . .	6,126	6,221	6,032	-1.5	+3.1	+7.2	5,901	6,037	5,830	5,355	+10.2	58,513	54,164
Iron and steel foundries . . . . .	1,220	1,277	1,140	-4.5	+12.0	-6.9	1,380	1,265	1,116	1,325	+4.2	12,506	10,719
Nonferrous and other primary metals . . . . .	7,198	6,900	6,524	+4.3	+5.8	+5.8	7,109	6,726	6,113	4,909	+44.8	62,294	51,103
Fabricated metal products . . . . .	15,111	15,052	15,722	+0.4	-4.3	+2.8	15,810	15,849	15,974	14,731	+7.3	152,410	139,699
Industrial machinery and equipment . . . . .	30,287	29,842	29,883	+1.5	-0.1	+4.9	30,404	31,656	27,875	24,428	+24.5	283,398	234,925
Engines and turbines . . . . .	2,065	1,906	2,533	+8.3	-24.8	+49.4	2,158	2,196	2,605	1,466	+47.2	18,652	15,025
Construction, mining and material handling equipment . . . . .	2,993	3,010	2,865	-0.6	+5.1	+4.6	3,168	3,007	2,723	2,759	+14.8	28,520	24,873
Metalworking machinery . . . . .	3,112	3,337	3,264	-6.7	+2.2	+7.2	3,272	3,663	3,061	2,499	+30.9	30,648	24,626
Computer and office equipment . . . . .	8,522	8,289	7,748	+2.8	+7.0	-0.1	8,060	9,915	6,963	5,880	+37.1	75,442	60,498
Electronic and other electrical equipment . . . . .	23,515	23,403	22,437	+0.5	+4.3	+1.1	24,181	25,176	22,100	22,101	+9.4	223,271	193,340
Electrical transmission and distribution equipment and industrial apparatus . . . . .	2,749	2,517	2,582	+9.2	-2.5	-1.2	2,690	2,767	2,534	2,406	+11.8	26,346	24,227
Electric lighting and wiring equipment . . . . .	1,977	1,931	1,875	+2.4	+3.0	+0.3	1,996	2,063	1,838	1,727	+15.6	18,202	16,697
Communications equipment . . . . .	5,004	5,832	4,706	-14.2	+23.9	-3.3	4,826	6,554	4,429	4,369	+10.5	47,363	39,021
Electronic components . . . . .	8,540	8,042	8,053	+6.2	-0.1	+2.8	8,629	8,100	7,922	7,785	+10.8	79,978	67,195
Transportation equipment . . . . .	35,469	38,887	38,798	-8.8	+0.2	+20.1	38,238	39,264	35,970	36,568	+4.6	371,472	322,359
Aircraft, missiles, space vehicles, and parts . . . . .	6,158	7,145	7,167	-13.8	-0.3	+31.1	6,260	7,355	5,618	5,916	+5.8	70,318	63,975
Shipbuilding and tanks . . . . .	535	1,423	419	-62.4	+239.6	-52.2	537	1,449	406	689	-22.1	6,810	9,158
Instruments and related products . . . . .	11,534	10,531	10,862	+9.5	-3.0	-0.5	11,640	11,779	10,244	10,632	+9.5	105,850	102,547
Search and navigation equipment . . . . .	2,481	2,400	2,385	+3.4	+0.6	-5.7	2,573	2,842	1,958	2,251	+14.3	21,904	23,984
Measuring and controlling devices . . . . .	3,533	3,087	3,223	+14.4	-4.2	-0.8	3,520	3,369	3,173	3,064	+14.9	32,251	28,442
Medical instruments and supplies . . . . .	3,077	2,700	2,923	+14.0	-7.6	-4.0	3,002	2,930	2,855	3,092	-2.9	28,757	28,527
All other durable goods . . . . .	16,673	16,618	16,494	+0.3	+0.8	+1.4	17,422	17,553	17,043	15,870	+9.8	163,735	149,162
Nondurable goods industries . . . . .	132,078	131,815	132,547	+0.2	-0.6	+2.7	136,587	139,692	135,975	126,499	+8.0	1,295,392	1,227,659
With unfilled orders . . . . .	32,848	32,714	32,938	+0.4	-0.7	+2.9	33,995	34,346	33,866	30,415	+11.8	319,024	294,511

<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 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."

**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 Oct. 94/93
	Oct. 1994 <sup>p</sup>	Sept. 1994 <sup>r</sup>	Aug. 1994	Sept.- Oct.	Aug.- Sept.	July- Aug.	Oct. 1994 <sup>p</sup>	Sept. 1994 <sup>r</sup>	Aug. 1994	Oct. 1993	
All manufacturing industries . . . . .	450,638	448,843	447,729	+0.4	+0.2	-0.2	446,729	445,914	448,024	444,710	+0.5
Manufacturing industries without defense capital goods . . . . .	339,612	337,063	336,205	+0.8	+0.3	0.0	336,753	335,871	338,034	326,059	+3.3
Durable goods industries . . . . .	425,976	424,702	423,619	+0.3	+0.3	-0.2	422,495	421,287	423,003	423,752	-0.3
Stone, clay, and glass products . . . . .	7,432	7,325	7,322	+1.5	0.0	-0.2	7,397	7,549	7,763	7,229	+2.3
Primary metals . . . . .	28,006	26,948	25,943	+3.9	+3.9	+1.3	26,272	25,910	25,817	21,116	+24.4
Blast furnaces, steel mills . . . . .	11,435	11,253	10,970	+1.6	+2.6	+0.6	10,657	10,860	10,892	9,733	+9.5
Iron and steel foundries . . . . .	3,507	3,491	3,460	+0.5	+0.9	-3.1	3,479	3,432	3,479	3,049	+14.1
Nonferrous and other primary metals . . . . .	13,064	12,204	11,513	+7.0	+6.0	+3.4	12,136	11,618	11,446	8,334	+45.6
Fabricated metal products . . . . .	20,437	20,557	20,832	-0.6	-1.3	+0.2	20,292	20,630	20,962	20,605	-1.5
Industrial machinery and equipment . . . . .	66,008	64,467	63,073	+2.4	+2.2	+2.4	66,058	63,853	62,900	51,323	+28.7
Engines and turbines . . . . .	10,793	10,606	10,633	+1.8	-0.3	+5.8	11,191	10,747	10,753	10,407	+7.5
Construction, mining and material handling equipment . . . . .	6,968	6,830	6,634	+2.0	+3.0	+0.3	6,877	6,658	6,494	5,699	+20.7
Metalworking machinery . . . . .	9,406	9,492	9,358	-0.9	+1.4	+1.8	9,406	9,492	9,358	6,828	+37.8
Computer and office equipment . . . . .	11,368	10,666	10,080	+6.6	+5.8	+3.9	11,777	10,794	10,371	7,013	+67.9
Electronic and other electrical equipment . . . . .	45,516	45,471	45,409	+0.1	+0.1	-1.5	45,252	44,950	45,465	45,772	-1.1
Electrical transmission and distribution equipment and industrial apparatus . . . . .	5,999	5,857	5,953	+2.4	-1.6	-1.2	5,990	5,841	5,972	5,854	+2.3
Electric lighting and wiring equipment . . . . .	3,657	3,562	3,508	+2.7	+1.5	-0.1	3,657	3,562	3,508	3,159	+15.8
Communications equipment . . . . .	14,162	14,530	14,014	-2.5	+3.7	-2.8	14,220	14,514	13,988	15,104	-5.9
Electronic components . . . . .	16,023	15,853	16,224	+1.1	-2.3	-1.7	15,606	15,347	16,223	16,268	-4.1
Transportation equipment . . . . .	201,890	203,781	204,379	-0.9	-0.3	-0.9	200,643	202,217	203,346	217,609	-7.8
Aircraft, missiles, space vehicles, and parts. . . . .	172,610	174,580	175,797	-1.1	-0.7	-0.8	171,530	173,113	174,706	188,263	-8.9
Shipbuilding and tanks . . . . .	16,346	16,659	16,176	-1.9	+3.0	-3.1	16,362	16,671	16,204	20,713	-21.0
Instruments and related products . . . . .	48,547	48,034	48,654	+1.1	-1.3	-0.8	48,529	47,816	48,259	52,395	-7.4
Search and navigation equipment . . . . .	31,849	31,825	31,960	+0.1	-0.4	-0.5	31,821	31,571	31,543	34,972	-9.0
Measuring and controlling devices . . . . .	9,252	8,920	9,138	+3.7	-2.4	-1.0	9,252	8,920	9,138	8,719	+6.1
Medical instruments and supplies . . . . .	6,578	6,507	6,791	+1.1	-4.2	-1.8	6,578	6,507	6,791	7,900	-16.7
All other durable goods . . . . .	8,140	8,119	8,007	+0.3	+1.4	+1.4	8,052	8,362	8,491	7,703	+4.5
Nondurable goods industries . . . . .	24,662	24,141	24,110	+2.2	+0.1	+0.4	24,234	24,627	25,021	20,958	+15.6

<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 Oct. 94/93
	Oct. 1994 <sup>p</sup>	Sept. 1994 <sup>r</sup>	Aug. 1994	Sept.- Oct.	Aug.- Sept.	July- Aug.	Oct. 1994 <sup>p</sup>	Sept. 1994 <sup>r</sup>	Aug. 1994	Oct. 1993	
All manufacturing industries . . . . .	387,987	386,531	387,012	+0.4	-0.1	+0.1	389,635	386,321	390,510	381,337	+2.2
Manufacturing industries with unfilled orders . . . . .	257,769	256,451	256,822	+0.5	-0.1	+0.3	258,584	256,491	260,447	251,455	+2.8
without defense capital goods . . . . .	364,402	362,987	363,014	+0.4	0.0	+0.2	365,746	362,721	366,009	353,563	+3.4
Durable goods industries . . . . .	245,031	243,814	244,116	+0.5	-0.1	+0.3	245,782	243,587	246,726	238,113	+3.2
With unfilled orders . . . . .	224,136	222,960	223,370	+0.5	-0.2	+0.4	225,154	223,028	226,375	218,470	+3.1
Stone, clay, and glass products . . . . .	7,527	7,500	7,448	+0.4	+0.7	-0.1	7,308	7,303	7,398	7,365	-0.8
Primary metals . . . . .	20,103	19,870	19,813	+1.2	+0.3	-0.4	20,233	19,954	20,022	19,452	+4.0
Blast furnaces, steel mills . . . . .	9,697	9,580	9,548	+1.2	+0.3	-0.6	9,755	9,572	9,587	9,517	+2.5
Iron and steel foundries . . . . .	1,551	1,536	1,538	+1.0	-0.1	0.0	1,526	1,517	1,531	1,382	+10.4
Nonferrous and other primary metals . . . . .	8,855	8,754	8,727	+1.2	+0.3	-0.3	8,952	8,865	8,904	8,553	+4.7
Fabricated metal products . . . . .	23,695	23,637	23,754	+0.2	-0.5	-0.1	23,437	23,457	23,837	22,874	+2.5
Industrial machinery and equipment . . . . .	49,309	48,993	49,341	+0.6	-0.7	+0.9	49,910	49,082	49,986	46,455	+7.4
Engines and turbines . . . . .	3,676	3,780	3,703	-2.8	+2.1	+1.9	3,871	3,867	3,905	3,733	+3.7
Farm and garden machinery . . . . .	2,652	2,628	2,584	+0.9	+1.7	+1.4	2,615	2,555	2,448	2,289	+14.2
Construction, mining and material handling equipment . . . . .	6,001	5,931	5,878	+1.2	+0.9	+0.8	5,947	5,887	5,845	5,677	+4.8
Metalworking machinery . . . . .	5,585	5,595	5,704	-0.2	-1.9	+1.2	5,652	5,674	5,879	5,251	+7.6
Computer and office equipment . . . . .	11,426	11,219	11,933	+1.8	-6.0	0.0	11,792	11,363	12,431	11,189	+5.4
Electronic and other electrical equipment . . . . .	39,078	38,447	37,823	+1.6	+1.6	+1.8	39,081	38,286	38,462	33,379	+17.1
Electrical transmission and distribution equipment and industrial apparatus . . . . .	4,603	4,544	4,502	+1.3	+0.9	+0.9	4,619	4,557	4,598	4,290	+7.7
Household appliances . . . . .	2,781	2,717	2,675	+2.4	+1.6	+3.6	2,673	2,564	2,590	2,431	+10.0
Electric lighting and wiring equipment . . . . .	3,024	3,003	2,997	+0.7	+0.2	+0.7	3,039	2,993	3,044	2,825	+7.6
Household audio and video equipment . . . . .	1,193	1,223	1,167	-2.5	+4.8	+3.0	1,211	1,292	1,265	1,025	+18.1
Communications equipment . . . . .	11,804	11,536	11,222	+2.3	+2.8	+2.3	11,742	11,381	11,421	8,974	+30.8
Electronic components . . . . .	12,206	11,984	11,830	+1.9	+1.3	+1.2	12,316	12,020	12,004	10,573	+16.5
Transportation equipment . . . . .	59,364	59,400	60,015	-0.1	-1.0	-0.9	59,887	59,539	60,723	63,385	-5.5
Motor vehicles and parts . . . . .	11,795	11,830	11,804	-0.3	+0.2	-2.9	12,014	12,057	12,028	11,666	+3.0
Aircraft, missiles, space vehicles, and parts . . . . .	43,334	43,523	44,156	-0.4	-1.4	-0.5	43,749	43,522	44,645	47,667	-8.2
Shipbuilding and tanks . . . . .	1,497	1,378	1,406	+8.6	-2.0	+0.9	1,439	1,337	1,440	1,574	-8.6
Instruments and related products . . . . .	21,830	21,927	21,979	-0.4	-0.2	+0.2	21,995	22,041	22,314	22,718	-3.2
Search and navigation equipment . . . . .	5,468	5,531	5,710	-1.1	-3.1	-1.2	5,555	5,615	5,871	6,123	-9.3
Measuring and controlling devices . . . . .	6,597	6,607	6,502	-0.2	+1.6	+1.0	6,617	6,614	6,555	6,554	+1.0
Medical instruments and supplies . . . . .	6,224	6,233	6,257	-0.1	-0.4	+0.7	6,268	6,224	6,320	6,279	-0.2
Photographic goods . . . . .	2,673	2,686	2,674	-0.5	+0.4	+0.3	2,694	2,738	2,731	2,954	-8.8
All other durable goods . . . . .	24,125	24,040	23,943	+0.4	+0.4	+0.8	23,931	23,925	23,984	22,485	+6.4
Nondurable goods industries . . . . .	142,956	142,717	142,896	+0.2	-0.1	-0.2	143,853	142,734	143,784	143,224	+0.4
With unfilled orders . . . . .	33,633	33,491	33,452	+0.4	+0.1	-0.1	33,430	33,463	34,072	32,985	+1.3
Food and kindred products . . . . .	31,147	31,045	30,798	+0.3	+0.8	-0.1	32,828	31,626	31,005	31,524	+4.1
Meat products . . . . .	3,424	3,462	3,489	-1.1	-0.8	-1.7	3,400	3,429	3,472	3,175	+7.1
Dairy products . . . . .	2,740	2,716	2,675	+0.9	+1.5	+0.7	2,732	2,722	2,777	2,754	-0.8
Beverages . . . . .	5,293	5,302	5,298	-0.2	+0.1	-0.3	5,351	5,316	5,206	5,371	-0.4
All other foods, except fats and oils . . . . .	18,034	17,904	17,662	+0.7	+1.4	+0.8	19,639	18,787	18,081	18,551	+5.9
Tobacco products . . . . .	5,601	5,713	5,722	-2.0	-0.2	-2.4	5,668	5,641	5,520	6,635	-14.6
Textile mill products . . . . .	9,700	9,633	9,639	+0.7	-0.1	-0.4	9,470	9,468	9,728	9,085	+4.2
Broadwoven fabrics and other textiles . . . . .	5,447	5,411	5,411	+0.7	0.0	-0.2	5,354	5,268	5,410	5,173	+3.5
Paper and allied products . . . . .	13,481	13,548	13,580	-0.5	-0.2	+0.3	13,245	13,337	13,533	13,302	-0.4
Pulp, paper, and paperboard mill products . . . . .	5,443	5,521	5,606	-1.4	-1.5	-1.0	5,334	5,423	5,577	5,695	-6.3
Paperboard containers and boxes . . . . .	3,377	3,350	3,300	+0.8	+1.5	+2.0	3,306	3,319	3,285	3,106	+6.4
Miscellaneous converted paper products . . . . .	4,661	4,677	4,674	-0.3	+0.1	+0.8	4,605	4,595	4,671	4,501	+2.3
Chemicals and allied products . . . . .	33,910	33,981	34,087	-0.2	-0.3	-0.5	33,667	33,529	33,957	34,372	-2.1
Industrial chemicals . . . . .	16,123	16,024	16,054	+0.6	-0.2	-0.4	15,978	15,891	15,984	16,725	-4.5
Drugs, soaps, and toiletries . . . . .	13,396	13,566	13,663	-1.3	-0.7	-0.8	13,396	13,454	13,860	13,424	-0.2
Petroleum and coal products . . . . .	10,361	10,310	10,594	+0.5	-2.7	-0.6	10,676	10,491	10,844	10,947	-2.5
Rubber and plastics products . . . . .	12,754	12,620	12,650	+1.1	-0.2	0.0	12,568	12,435	12,492	12,002	+4.7
All other nondurable goods . . . . .	26,002	25,867	25,826	+0.5	+0.2	+0.2	25,731	26,207	26,705	25,357	+1.5

<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	
	Oct. 1994 <sup>p</sup>	Sept. 1994 <sup>r</sup>	Aug. 1994	Sept.-Oct.	Aug.-Sept.	July-Aug.	Oct. 1994 <sup>p</sup>	Sept. 1994 <sup>r</sup>	Aug. 1994	Oct. 1993		Oct. 94/93	1994 <sup>p</sup>
SHIPMENTS													
All manufacturing industries . . . . .	284,217	286,134	288,080	-0.7	-0.7	+4.6	295,046	304,359	288,395	272,140	+8.4	2,788,278	2,572,873
Market categories :													
Automotive equipment . . . . .	13,598	14,371	14,796	-5.4	-2.9	+22.3	15,027	14,602	14,264	14,241	+5.5	139,049	119,105
Home goods and apparel . . . . .	19,581	19,565	19,281	+0.1	+1.5	+2.2	22,227	22,072	20,643	20,484	+8.5	191,322	176,908
Consumer staples . . . . .	59,044	59,023	59,964	0.0	-1.6	+2.1	60,875	63,666	61,043	58,792	+3.5	584,833	568,691
Machinery and equipment . . . . .	50,057	51,011	51,092	-1.9	-0.2	+8.1	50,249	54,714	48,148	45,245	+11.1	486,434	431,295
Business supplies . . . . .	20,978	21,412	21,656	-2.0	-1.1	+2.0	22,204	22,304	21,681	20,856	+6.5	208,879	195,255
Construction materials and supplies . . . . .	18,319	18,178	18,375	+0.8	-1.1	+2.3	19,371	19,545	19,376	17,856	+8.5	180,565	165,885
Defense products . . . . .	7,269	7,175	7,508	+1.3	-4.4	+2.6	7,152	7,746	7,301	7,801	-8.3	71,722	75,431
Other materials, supplies and and intermediate products . . . . .	95,371	95,399	95,408	0.0	0.0	+3.7	97,941	99,710	95,939	86,865	+12.8	925,474	840,303
Durable goods industries :													
Nondefense capital goods <sup>3</sup> . . . . .	38,210	38,508	37,900	-0.8	+1.6	+3.3	36,998	42,470	35,488	32,527	+13.7	363,872	324,857
Excluding aircraft and parts . . . . .	33,671	33,609	33,141	+0.2	+1.4	+3.3	32,772	37,179	31,145	27,839	+17.7	317,070	271,761
Defense capital goods <sup>4</sup> . . . . .	6,746	6,683	7,113	+0.9	-6.0	+4.0	6,617	7,193	6,851	7,467	-11.4	67,102	72,650
Durables excluding capital goods . . . . .	107,704	109,159	110,606	-1.3	-1.3	+7.4	114,451	114,610	110,252	104,247	+9.8	1,065,415	946,604
Miscellaneous series :													
Producers' durable equipment . . . . .	97,204	99,532	100,595	-2.3	-1.1	+8.5	100,643	105,868	96,331	92,639	+8.6	961,095	852,697
Household durable goods . . . . .	8,278	8,294	8,254	-0.2	+0.5	+2.9	9,260	9,481	8,459	8,446	+9.6	80,520	73,912
Information technology industries . . . . .	18,505	18,469	17,965	+0.2	+2.8	+3.5	17,644	21,508	16,742	14,979	+17.8	172,129	147,457
Health care equipment and products . . . . .	8,602	8,577	8,667	+0.3	-1.0	+2.2	8,510	9,564	8,614	8,305	+2.5	84,703	81,699
NEW ORDERS													
All manufacturing industries . . . . .	286,012	287,248	287,222	-0.4	0.0	+4.7	295,861	302,249	285,567	268,794	+10.1	2,796,649	2,545,397
Market categories :													
Automotive equipment . . . . .	13,607	14,364	14,831	-5.3	-3.1	+22.6	15,040	14,555	14,310	14,321	+5.0	139,234	119,322
Home goods and apparel . . . . .	19,490	19,494	19,042	0.0	+2.4	+0.7	21,414	21,575	20,467	19,525	+9.7	192,685	178,026
Consumer staples . . . . .	59,050	58,973	60,040	+0.1	-1.8	+2.2	60,853	63,622	61,150	58,733	+3.6	584,916	568,675
Machinery and equipment . . . . .	49,917	51,036	50,664	-2.2	+0.7	+7.7	50,449	54,144	47,566	44,707	+12.8	486,579	416,688
Business supplies . . . . .	21,142	21,320	21,631	-0.8	-1.4	+1.9	22,227	22,183	21,720	20,745	+7.1	209,186	194,996
Construction materials and supplies . . . . .	18,631	18,244	18,355	+2.1	-0.6	+1.6	19,426	19,385	19,326	17,458	+11.3	181,962	165,691
Defense products . . . . .	6,374	7,354	6,336	-13.3	+16.1	+3.7	6,898	7,744	4,829	6,569	+5.0	64,596	64,546
Other materials, supplies and and intermediate products . . . . .	97,801	96,463	96,323	+1.4	+0.1	+4.6	99,554	99,041	96,199	86,736	+14.8	937,491	837,453
Durable goods industries :													
Nondefense capital goods <sup>3</sup> . . . . .	38,139	39,056	37,595	-2.3	+3.9	+3.5	37,578	42,405	35,366	31,653	+18.7	365,937	307,274
Excluding aircraft and parts . . . . .	35,401	35,355	34,158	+0.1	+3.5	+2.1	35,153	38,312	32,345	29,147	+20.6	330,806	274,975
Defense capital goods <sup>4</sup> . . . . .	5,992	6,939	6,147	-13.6	+12.9	+10.8	6,550	7,246	4,564	6,091	+7.5	59,940	61,521
Durables excluding capital goods . . . . .	109,803	109,438	110,933	+0.3	-1.3	+7.3	115,146	112,906	109,662	104,551	+10.1	1,075,380	948,943
Miscellaneous series :													
Producers' durable equipment . . . . .	98,334	99,256	100,590	-0.9	-1.3	+8.1	101,895	104,540	96,578	92,741	+9.9	968,518	843,614
Household durable goods . . . . .	8,278	8,443	8,275	-2.0	+2.0	+2.9	8,925	9,427	8,516	8,146	+9.6	81,677	74,932
Information technology industries . . . . .	19,373	19,435	17,998	-0.3	+8.0	-0.5	18,784	22,300	16,798	15,379	+22.1	176,945	148,211
Health care equipment and products . . . . .	8,672	8,294	8,541	+4.6	-2.9	+0.2	8,580	9,281	8,488	8,502	+0.9	83,826	81,177

<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 Oct. 94/93
	Oct. 1994 <sup>p</sup>	Sept. 1994 <sup>r</sup>	Aug. 1994	Sept.- Oct.	Aug.- Sept.	July- Aug.	Oct. 1994 <sup>p</sup>	Sept. 1994 <sup>r</sup>	Aug. 1994	Oct. 1993	
UNFILLED ORDERS											
All manufacturing industries . . . . .	450,638	448,843	447,729	+0.4	+0.2	-0.2	446,729	445,914	448,024	444,710	+0.5
Market categories :											
Automotive equipment . . . . .	2,106	2,097	2,103	+0.4	-0.3	+1.7	2,087	2,075	2,121	1,803	+15.8
Home goods and apparel . . . . .	10,287	10,378	10,448	-0.9	-0.7	-2.2	10,025	10,839	11,336	9,709	+3.3
Consumer staples . . . . .	1,538	1,532	1,581	+0.4	-3.1	+5.0	1,561	1,583	1,626	1,423	+9.7
Machinery and equipment . . . . .	180,757	180,896	180,871	-0.1	0.0	-0.2	180,369	180,169	180,739	182,899	-1.4
Business supplies . . . . .	5,732	5,568	5,660	+2.9	-1.6	-0.4	5,674	5,651	5,772	5,429	+4.5
Construction materials and supplies . . . . .	15,477	15,165	15,099	+2.1	+0.4	-0.1	15,273	15,218	15,377	14,132	+8.1
Defense products . . . . .	104,934	105,830	105,650	-0.8	+0.2	-1.1	103,784	104,038	104,040	112,451	-7.7
Other materials, supplies and and intermediate products . . . . .	129,807	127,377	126,317	+1.9	+0.8	+0.7	127,956	126,341	127,013	116,864	+9.5
Durable goods industries :											
Nondefense capital goods <sup>3</sup> . . . . .	199,466	199,537	198,989	0.0	+0.3	-0.2	199,402	198,822	198,887	199,601	-0.1
Excluding aircraft and parts . . . . .	89,458	87,728	85,982	+2.0	+2.0	+1.2	89,394	87,013	85,880	73,474	+21.7
Defense capital goods <sup>4</sup> . . . . .	111,026	111,780	111,524	-0.7	+0.2	-0.9	109,976	110,043	109,990	118,651	-7.3
Durables excluding capital goods . . . . .	115,484	113,385	113,106	+1.9	+0.2	+0.3	113,117	112,422	114,126	105,500	+7.2
Miscellaneous series :											
Producers' durable equipment . . . . .	213,786	212,656	212,932	+0.5	-0.1	0.0	213,566	212,314	213,642	209,291	+2.0
Household durable goods . . . . .	6,090	6,090	5,941	0.0	+2.5	+0.4	5,992	6,327	6,381	5,446	+10.0
Information technology industries . . . . .	36,499	35,631	34,665	+2.4	+2.8	+0.1	36,902	35,762	34,970	31,870	+15.8
Health care equipment and products . . . . .	6,609	6,539	6,822	+1.1	-4.1	-1.8	6,610	6,539	6,823	7,930	-16.6
TOTAL INVENTORIES											
All manufacturing industries . . . . .	387,987	386,531	387,012	+0.4	-0.1	+0.1	389,635	386,321	390,510	381,337	+2.2
Market categories :											
Automotive equipment . . . . .	6,195	6,168	6,163	+0.4	+0.1	-1.3	6,197	6,187	6,184	6,094	+1.7
Home goods and apparel . . . . .	31,785	31,714	31,618	+0.2	+0.3	+1.2	31,051	31,613	32,231	29,787	+4.2
Consumer staples . . . . .	58,189	58,327	58,393	-0.2	-0.1	-0.4	59,979	58,979	58,926	59,993	0.0
Machinery and equipment . . . . .	93,791	93,405	93,702	+0.4	-0.3	+0.8	94,393	93,395	94,747	89,097	+5.9
Business supplies . . . . .	21,372	21,209	21,202	+0.8	0.0	-0.5	21,541	21,390	21,595	21,327	+1.0
Construction materials and supplies . . . . .	24,929	24,851	24,771	+0.3	+0.3	0.0	24,628	24,576	24,760	23,442	+5.1
Defense products . . . . .	22,687	22,669	23,143	+0.1	-2.0	-1.8	22,938	22,710	23,593	26,302	-12.8
Other materials, supplies and and intermediate products . . . . .	129,039	128,188	128,020	+0.7	+0.1	+0.1	128,908	127,471	128,474	125,295	+2.9
Durable goods industries :											
Nondefense capital goods <sup>3</sup> . . . . .	88,484	88,009	88,434	+0.5	-0.5	+0.9	89,211	88,012	89,698	83,839	+6.4
Excluding aircraft and parts . . . . .	62,326	61,642	61,678	+1.1	-0.1	+1.1	62,889	61,648	62,793	56,887	+10.6
Defense capital goods <sup>4</sup> . . . . .	23,585	23,544	23,998	+0.2	-1.9	-2.0	23,889	23,600	24,501	27,774	-14.0
Durables excluding capital goods . . . . .	132,962	132,261	131,684	+0.5	+0.4	+0.3	132,682	131,975	132,527	126,500	+4.9
Miscellaneous series :											
Producers' durable equipment . . . . .	150,909	150,225	150,244	+0.5	0.0	+0.6	151,591	150,306	151,948	143,177	+5.9
Household durable goods . . . . .	13,982	13,981	13,991	0.0	-0.1	+1.9	13,861	13,908	14,278	13,341	+3.9
Information technology industries . . . . .	33,136	32,743	33,042	+1.2	-0.9	+1.0	33,528	32,799	33,864	30,696	+9.2
Health care equipment and products . . . . .	13,507	13,606	13,681	-0.7	-0.5	-0.1	13,549	13,536	13,847	13,565	-0.1

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 Oct. 94/93
	Oct. 1994 <sup>p</sup>	Sept. 1994 <sup>r</sup>	Aug. 1994	Sept.- Oct.	Aug.- Sept.	July- Aug.	Oct. 1994 <sup>p</sup>	Sept. 1994 <sup>r</sup>	Aug. 1994	Oct. 1993	
MATERIALS AND SUPPLIES											
All manufacturing industries . . . . .	125,867	125,284	124,331	+0.5	+0.8	+0.4	126,539	125,265	124,930	120,945	+4.6
Durable goods industries . . . . .	73,342	72,713	72,238	+0.9	+0.7	+0.7	73,955	73,172	73,107	68,799	+7.5
Stone, clay, and glass products . . . . .	2,612	2,616	2,553	-0.2	+2.5	+0.4	2,601	2,608	2,565	2,503	+3.9
Primary metals . . . . .	6,258	6,170	6,081	+1.4	+1.5	+0.8	6,402	6,269	6,167	6,024	+6.3
Fabricated metal products . . . . .	8,261	8,186	8,036	+0.9	+1.9	-0.3	8,217	8,243	8,076	7,583	+8.4
Industrial machinery and equipment . . . . .	16,284	16,243	16,390	+0.3	-0.9	+3.0	16,467	16,287	16,657	14,423	+14.2
Electronic and other electrical equipment . . . . .	12,731	12,379	12,214	+2.8	+1.4	+1.3	12,754	12,369	12,392	10,634	+19.9
Transportation equipment . . . . .	10,874	10,899	10,816	-0.2	+0.8	-1.9	10,901	10,975	10,962	11,575	-5.8
Instruments and related products . . . . .	6,745	6,693	6,720	+0.8	-0.4	+0.3	6,723	6,703	6,798	6,682	+0.6
Lumber, furniture and miscellaneous durable goods . . . . .	9,577	9,527	9,428	+0.5	+1.1	+0.3	9,890	9,718	9,490	9,375	+5.5
Nondurable goods industries . . . . .	52,525	52,571	52,093	-0.1	+0.9	+0.1	52,584	52,093	51,823	52,146	+0.8
Food and kindred products . . . . .	10,303	10,225	10,000	+0.8	+2.3	+0.8	10,525	9,855	9,699	10,170	+3.5
Tobacco products . . . . .	4,728	4,813	4,894	-1.8	-1.7	-1.8	4,622	4,700	4,705	5,246	-11.9
Textile mill products . . . . .	2,827	2,802	2,790	+0.9	+0.4	+0.4	2,737	2,748	2,814	2,569	+6.5
Paper and allied products . . . . .	6,810	6,813	6,765	0.0	+0.7	+1.2	6,820	6,816	6,734	6,743	+1.1
Chemicals and allied products . . . . .	11,279	11,301	11,238	-0.2	+0.6	-0.3	11,290	11,233	11,270	11,245	+0.4
Petroleum and coal products . . . . .	3,009	3,047	3,021	-1.2	+0.9	-1.1	3,059	3,051	3,075	3,083	-0.8
Rubber and plastics products . . . . .	4,716	4,673	4,673	+0.9	0.0	0.0	4,714	4,697	4,618	4,384	+7.5
Apparel, printing and publishing and leather goods . . . . .	8,853	8,897	8,712	-0.5	+2.1	+0.4	8,817	8,993	8,908	8,706	+1.3
WORK IN PROCESS											
All manufacturing industries . . . . .	129,253	129,363	129,959	-0.1	-0.5	-0.4	131,073	130,264	131,586	131,952	-0.7
Durable goods industries . . . . .	105,280	105,458	106,207	-0.2	-0.7	-0.3	106,497	106,147	107,740	108,010	-1.4
Stone, clay, and glass products . . . . .	1,038	1,004	1,034	+3.4	-2.9	-1.1	994	991	1,048	1,030	-3.5
Primary metals . . . . .	7,380	7,359	7,430	+0.3	-1.0	-1.6	7,425	7,432	7,558	7,491	-0.9
Fabricated metal products . . . . .	7,527	7,551	7,683	-0.3	-1.7	-0.3	7,561	7,566	7,782	7,785	-2.9
Industrial machinery and equipment . . . . .	18,592	18,851	19,040	-1.4	-1.0	+0.1	19,267	19,373	19,331	19,386	-0.6
Electronic and other electrical equipment . . . . .	15,885	15,727	15,413	+1.0	+2.0	+0.7	15,962	15,698	15,684	14,045	+13.6
Transportation equipment . . . . .	40,566	40,580	41,286	0.0	-1.7	-0.7	40,908	40,580	41,718	43,787	-6.6
Instruments and related products . . . . .	9,115	9,199	9,208	-0.9	-0.1	-0.7	9,268	9,306	9,443	9,851	-5.9
Lumber, furniture and miscellaneous durable goods . . . . .	5,177	5,187	5,113	-0.2	+1.4	+1.5	5,112	5,201	5,176	4,635	+10.3
Nondurable goods industries . . . . .	23,973	23,905	23,752	+0.3	+0.6	-0.6	24,576	24,117	23,846	23,942	+2.6
Food and kindred products . . . . .	4,220	4,212	4,060	+0.2	+3.7	-1.6	4,674	4,236	3,747	4,380	+6.7
Tobacco products . . . . .	186	192	181	-3.1	+6.1	+4.6	266	223	144	239	+11.3
Textile mill products . . . . .	2,554	2,550	2,563	+0.2	-0.5	-1.7	2,542	2,565	2,579	2,521	+0.8
Paper and allied products . . . . .	1,212	1,198	1,197	+1.2	+0.1	+0.1	1,166	1,181	1,223	1,142	+2.1
Chemicals and allied products . . . . .	5,435	5,499	5,499	-1.2	0.0	-0.4	5,456	5,493	5,548	5,795	-5.8
Petroleum and coal products . . . . .	2,274	2,225	2,322	+2.2	-4.2	0.0	2,359	2,270	2,408	2,493	-5.4
Rubber and plastics products . . . . .	1,863	1,864	1,854	-0.1	+0.5	0.0	1,909	1,855	1,854	1,793	+6.5
Apparel, printing and publishing and leather goods . . . . .	6,229	6,165	6,076	+1.0	+1.5	-0.2	6,204	6,294	6,343	5,579	+11.2
FINISHED GOODS											
All manufacturing industries . . . . .	132,867	131,884	132,722	+0.7	-0.6	+0.2	132,023	130,792	133,994	128,440	+2.8
Durable goods industries . . . . .	66,409	65,643	65,671	+1.2	0.0	+0.8	65,330	64,268	65,879	61,304	+6.6
Stone, clay, and glass products . . . . .	3,877	3,880	3,861	-0.1	+0.5	-0.3	3,713	3,704	3,785	3,832	-3.1
Primary metals . . . . .	6,465	6,341	6,302	+2.0	+0.6	-0.1	6,406	6,253	6,297	5,937	+7.9
Fabricated metal products . . . . .	7,907	7,900	8,035	+0.1	-1.7	+0.5	7,659	7,648	7,979	7,506	+2.0
Industrial machinery and equipment . . . . .	14,433	13,899	13,911	+3.8	-0.1	-0.4	14,176	13,422	13,998	12,646	+12.1
Electronic and other electrical equipment . . . . .	10,462	10,341	10,196	+1.2	+1.4	+4.2	10,365	10,219	10,386	8,700	+19.1
Transportation equipment . . . . .	7,924	7,921	7,913	0.0	+0.1	-0.2	8,078	7,984	8,043	8,023	+0.7
Instruments and related products . . . . .	5,970	6,035	6,051	-1.1	-0.3	+1.5	6,004	6,032	6,073	6,185	-2.9
Lumber, furniture and miscellaneous durable goods . . . . .	9,371	9,326	9,402	+0.5	-0.8	+1.0	8,929	9,006	9,318	8,475	+5.4
Nondurable goods industries . . . . .	66,458	66,241	67,051	+0.3	-1.2	-0.4	66,693	66,524	68,115	67,136	-0.7
Food and kindred products . . . . .	16,624	16,608	16,738	+0.1	-0.8	-0.3	17,629	17,535	17,559	16,974	+3.9
Tobacco products . . . . .	687	708	647	-3.0	+9.4	-8.0	780	718	671	1,150	-32.2
Textile mill products . . . . .	4,319	4,281	4,286	+0.9	-0.1	-0.2	4,191	4,155	4,335	3,995	+4.9
Paper and allied products . . . . .	5,459	5,537	5,618	-1.4	-1.4	-0.7	5,259	5,340	5,576	5,417	-2.9
Chemicals and allied products . . . . .	17,196	17,181	17,350	+0.1	-1.0	-0.7	16,921	16,803	17,139	17,332	-2.4
Petroleum and coal products . . . . .	5,078	5,038	5,251	+0.8	-4.1	-0.5	5,258	5,170	5,361	5,371	-2.1
Rubber and plastics products . . . . .	6,175	6,083	6,123	+1.5	-0.7	+0.1	5,945	5,883	6,020	5,825	+2.1
Apparel, printing and publishing and leather goods . . . . .	10,920	10,805	11,038	+1.1	-2.1	+0.3	10,710	10,920	11,454	11,072	-3.3

<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 UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP**  
(Based on seasonally adjusted data)

Industry	Inventory / Shipments ratio				Unfilled Orders / Shipments ratio <sup>1</sup>			
	Oct. 1994 <sup>p</sup>	Sept. 1994 <sup>r</sup>	Aug. 1994	July 1994	Oct. 1994 <sup>p</sup>	Sept. 1994 <sup>r</sup>	Aug. 1994	July 1994
All manufacturing industries . . . . .	1.37	1.35	1.34	1.40	2.93	2.90	2.89	2.99
Durable goods industries . . . . .	1.61	1.58	1.57	1.66	3.51	3.48	3.47	3.60
Stone, clay, and glass products . . . . .	1.12	1.12	1.10	1.11	1.19	1.17	1.15	1.16
Primary metals . . . . .	1.49	1.48	1.48	1.55	2.08	2.01	1.94	2.00
Fabricated metal products . . . . .	1.56	1.54	1.52	1.57	1.45	1.45	1.44	1.49
Industrial machinery and equipment . . . . .	1.72	1.72	1.74	1.79	2.46	2.42	2.39	2.42
Electronic and other electrical equipment . . . . .	1.67	1.65	1.64	1.63	1.94	1.95	1.96	2.02
Transportation equipment . . . . .	1.59	1.50	1.48	1.75	11.17	10.81	10.62	11.53
Instruments and related products . . . . .	1.98	1.97	1.95	2.02	4.40	4.31	4.32	4.51
Nondurable goods industries . . . . .	1.09	1.08	1.08	1.11	0.76	0.74	0.73	0.75
Food and kindred products . . . . .	0.87	0.87	0.86	0.88	(X)	(X)	(X)	(X)
Tobacco products . . . . .	1.99	2.26	2.07	2.11	(X)	(X)	(X)	(X)
Textile mill products . . . . .	1.55	1.53	1.54	1.56	(NA)	(NA)	(NA)	(NA)
Paper and allied products . . . . .	1.12	1.14	1.16	1.19	(NA)	(NA)	(NA)	(NA)
Chemicals and allied products . . . . .	1.16	1.15	1.17	1.22	(X)	(X)	(X)	(X)
Petroleum and coal products . . . . .	0.88	0.86	0.83	0.86	(X)	(X)	(X)	(X)
Rubber and plastics products . . . . .	1.32	1.31	1.31	1.36	(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		
	Oct. <sup>1</sup> 1994	Oct. <sup>2</sup> 1989-1993	Oct. 1993-Sept. 1994	Oct. <sup>1</sup> 1994	Oct. <sup>2</sup> 1989-1993	Oct. 1993-Sept. 1994	Oct. <sup>1</sup> 1994	Oct. <sup>2</sup> 1989-1993	Oct. 1993-Sept. 1994	Oct. <sup>1</sup> 1994	Oct. <sup>2</sup> 1989-1993	Oct. 1993-Sept. 1994
All manufacturing industries . . . . .	(X)	0.1	0.2	(X)	0.1	0.2	(X)	0.0	0.1	(X)	0.0	0.0
Durable goods industries . . . . .	0.1	0.2	0.2	0.5	0.1	0.2	0.2	0.1	0.1	(X)	0.0	0.1
Stone, clay, and glass products . . . . .	(X)	0.7	0.7	(X)	1.6	1.4	(X)	0.8	0.7	(X)	0.3	0.2
Primary metals . . . . .	0.0	0.3	0.4	0.7	0.5	0.7	0.5	0.1	0.4	(X)	0.1	0.2
Fabricated metal products . . . . .	(X)	0.2	0.5	(X)	0.6	0.6	(X)	0.3	0.3	(X)	0.1	0.3
Industrial machinery and equipment . . . . .	0.0	0.5	0.5	0.7	0.6	0.8	0.4	0.1	0.2	(X)	0.1	0.1
Electronic and other electrical equipment . . . . .	-0.1	0.2	0.2	0.0	0.4	0.5	0.1	0.1	0.2	(X)	0.1	0.1
Transportation equipment . . . . .	0.3	0.3	0.6	0.6	0.4	0.9	0.1	0.0	0.1	(X)	0.1	0.2
Instruments and related products . . . . .	(X)	0.2	0.4	(X)	0.7	2.0	(X)	0.1	0.4	(X)	0.3	0.3
Nondurable goods industries . . . . .	(X)	0.1	0.2	(X)	0.1	0.2	(X)	0.3	0.4	(X)	0.1	0.1
Food and kindred products . . . . .	(X)	0.2	0.2	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.2	0.1
Tobacco products . . . . .	(X)	0.3	0.2	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.0	0.0
Textile mill products . . . . .	(X)	0.4	0.4	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	0.2	0.2
Paper and allied products . . . . .	(X)	0.2	0.2	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	0.2	0.1
Chemicals and allied products . . . . .	(X)	0.2	0.2	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.1
Petroleum and coal products . . . . .	(X)	0.4	0.4	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.2	0.3
Rubber and plastics products . . . . .	(X)	0.4	0.2	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.1
Capital goods industries :												
Nondefense . . . . .	0.1	0.4	0.5	0.6	0.3	0.5	0.2	0.0	0.1	(X)	0.1	0.1
Defense . . . . .	-0.5	0.3	0.5	3.3	1.3	5.4	0.3	0.1	0.3	(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.

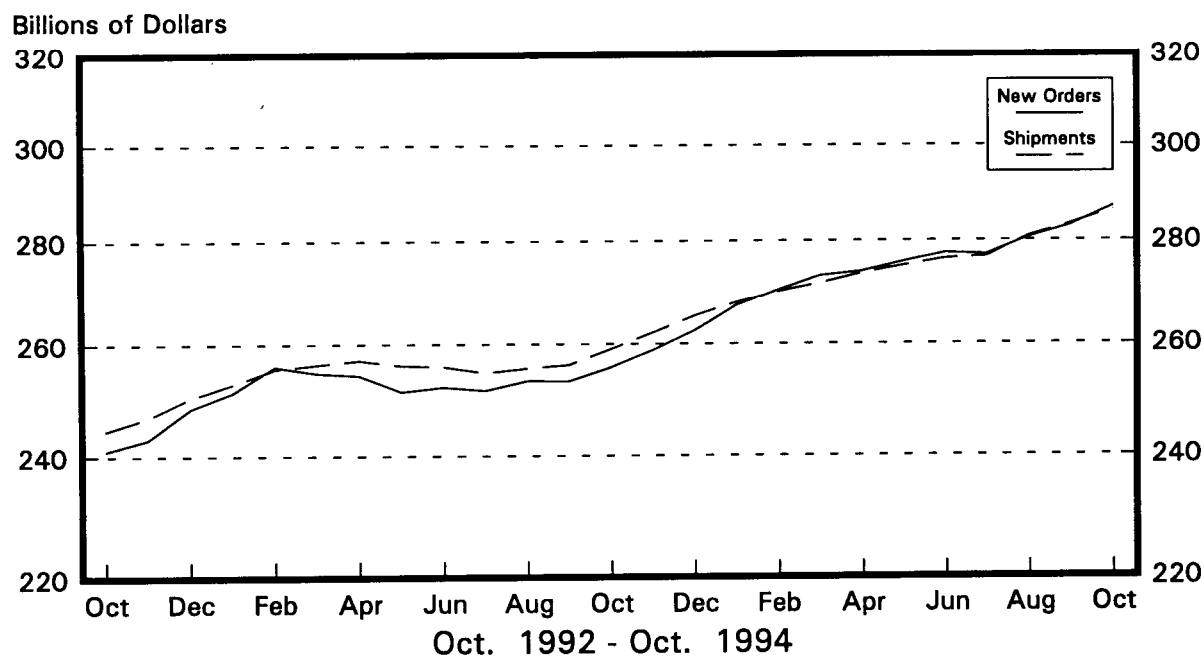
<sup>1</sup> The current month revisions are the difference between the advance percent change and the percent change as shown in this publication.

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

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

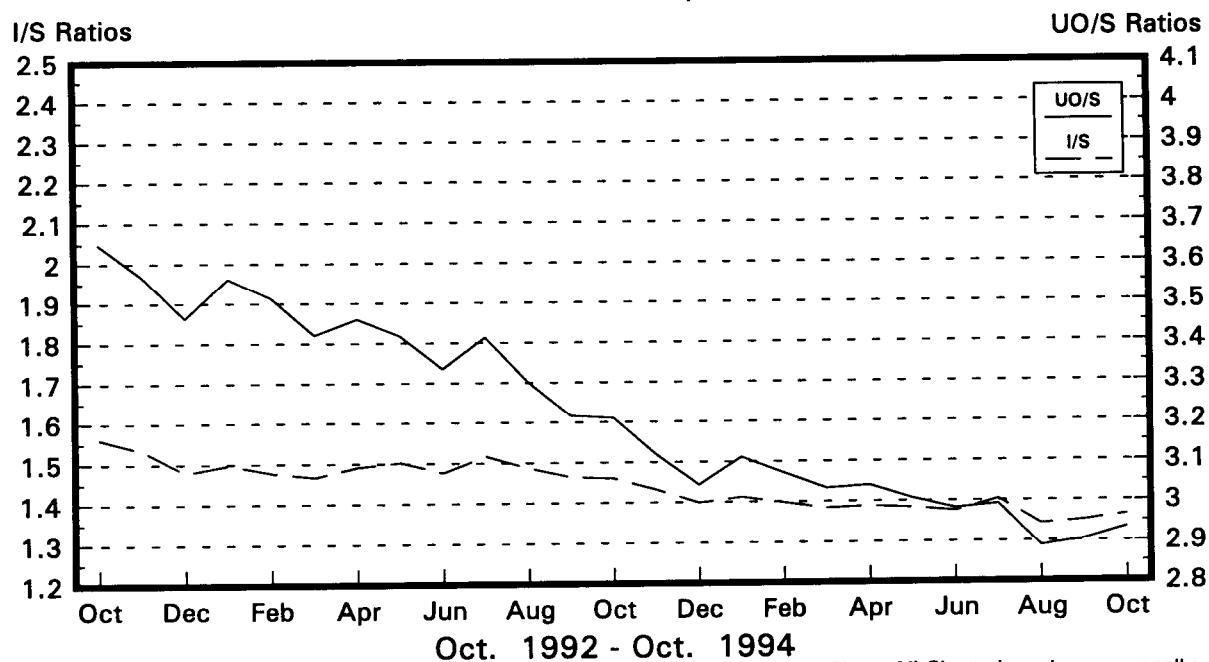
## Total Manufacturing

New Orders and Shipments  
Three Month Moving Averages



## Total Manufacturing

Ratio of Unfilled Orders and  
Inventories to Shipments



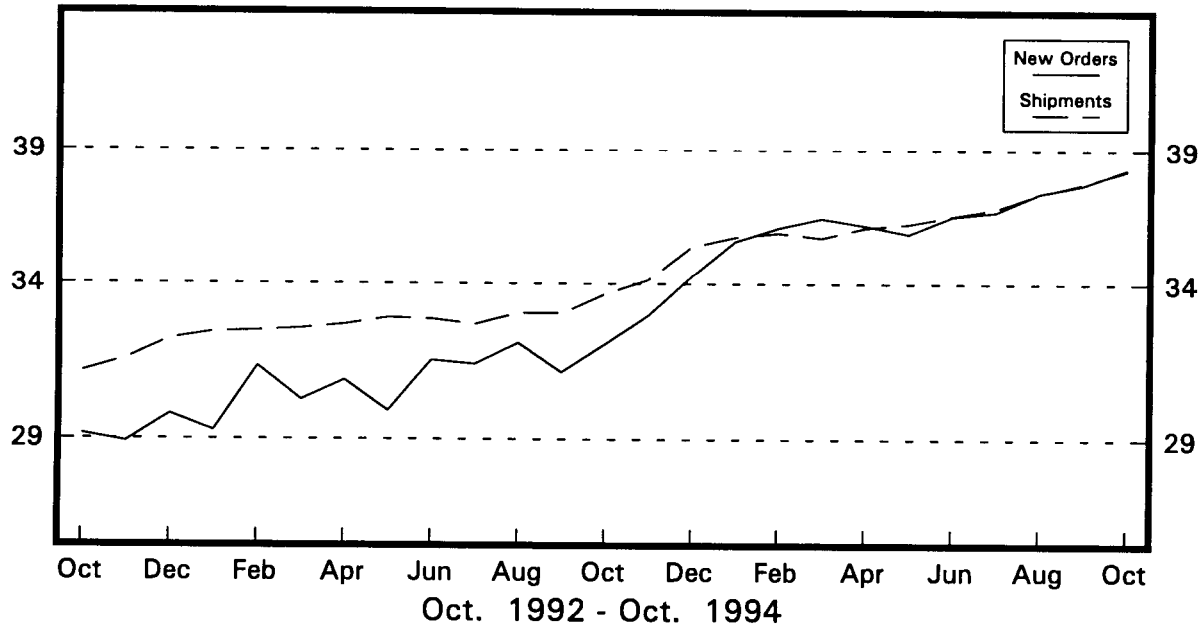
Note: All Charts based on seasonally adjusted current dollars.

## Nondefense Capital Goods

11

New Orders and Shipments  
Three Month Moving Averages

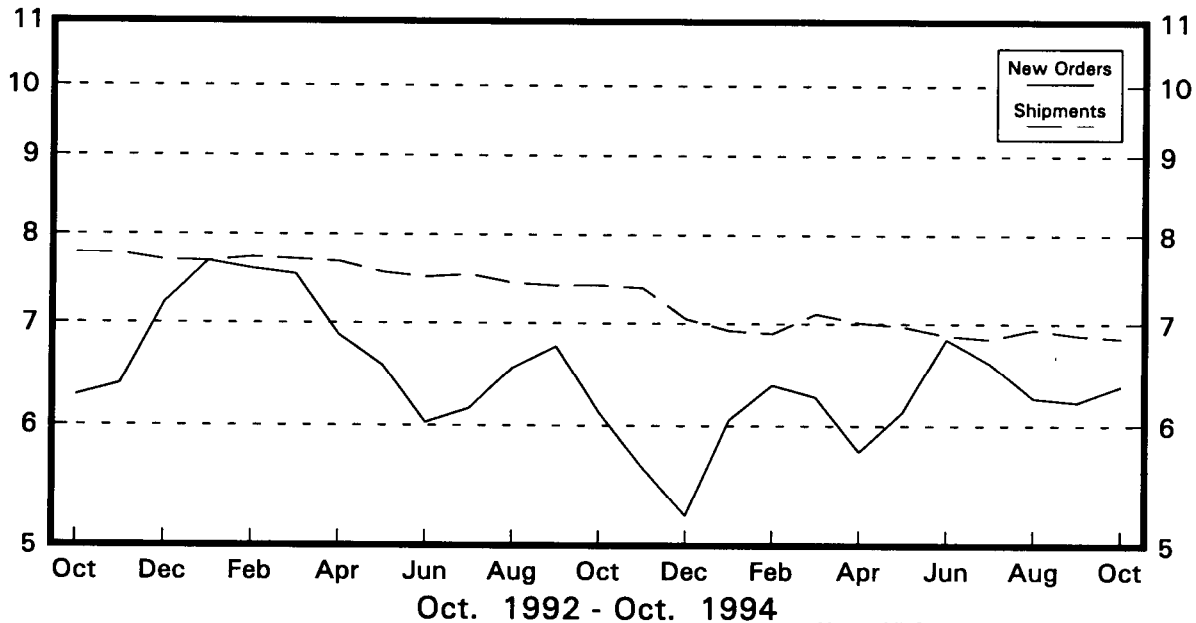
Billions of Dollars



## Defense Capital Goods

New Orders and Shipments  
Three Month Moving Averages

Billions of Dollars



Note: All Charts based on seasonally  
adjusted current dollars.