



Manufacturers' Shipments, Inventories, and Orders

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All figures in text are in seasonally adjusted current dollars

Summary

New orders for manufactured goods in November increased \$4.5 billion or 1.2 percent to \$365.2 billion, the Department of Commerce, Bureau of the Census reported today. This follows a slight October decrease. Excluding transportation, new orders increased 1.9 percent. Year-to-date, new orders are 5.7 percent above the same period a year ago.

Shipments increased \$4.3 billion or 1.2 percent to \$364.5 billion, following a 0.4 percent October increase. This is the sixth increase in the last seven months. Year-to-date, shipments are 5.0 percent above the same period a year ago.

Unfilled orders increased \$0.7 billion or 0.1 percent to \$526.6 billion, following a 0.1 percent October increase. This is the fifth consecutive increase. The unfilled orders-to-shipments ratio was 2.55, down from 2.57 in October.

Inventories increased \$2.1 billion or 0.5 percent to \$469.7 billion, following a 0.4 percent October increase. This is the third consecutive increase. The inventories-to-shipments ratio was 1.29, down from 1.30 in October.

New Orders

New orders for manufactured durable goods in November increased \$1.9 billion or 0.9 percent to \$204.3 billion, revised from the previously published 1.2 percent increase.

Electronic and other electrical equipment had the largest increase, \$3.0 billion or 8.4 percent to \$38.9 billion, due to electronic components. This is the fifth increase in the last six months and the largest since July 1998. Fabricated metals increased \$0.5 billion or 2.6 percent to \$20.6 billion. Instruments and related products increased \$0.4 billion or 2.6 percent to \$14.7 billion. This is the largest increase since April. Transportation equipment decreased \$1.7 billion or 3.5 percent to \$45.1 billion, mostly due to aircraft and parts. Industrial machinery and equipment, down five of the last seven months, decreased \$0.7 billion or 1.7 percent to \$39.0 billion.

New orders for nondurable goods, up six of the last seven months, increased \$2.5 billion or 1.6 percent to \$160.8 billion. Petroleum and coal products and rubber and plastics products had the largest increases.

Shipments

Shipments of durable goods in November increased \$1.7 billion or 0.8 percent to \$204.0 billion, unrevised from the previously published 0.8 percent increase. This is the sixth increase in the last seven months.

Electronic and other electrical equipment, up for the first time since July, had the largest increase, \$0.6 billion or 1.9 percent to \$35.5 billion. Transportation equipment increased \$0.6 billion or 1.3 percent to \$48.3 billion. Fabricated metal products increased \$0.4 billion or 2.2 percent to \$20.7 billion. This is the largest increase since July 1998. Industrial machinery and equipment, down three of the last four months, decreased \$0.7 billion or 1.8 percent to \$38.8 billion.

Shipments of nondurable goods increased \$2.6 billion or 1.7 percent to \$160.5 billion. This is the seventh consecutive increase. Petroleum and coal products, up nine of the last ten months, increased \$0.9 billion or 5.6 percent to \$16.5 billion. Rubber and plastics products increased \$0.5 billion or 3.6 percent to \$14.3 billion. This is the largest increase since February.

Unfilled Orders

Unfilled orders for durable goods in November increased \$0.4 billion or 0.1 percent to \$500.8 billion, revised from the previously published 0.2 percent increase. This is the fifth consecutive increase. Electronic and other electrical equipment, up twelve consecutive months, had the largest increase, \$3.4 billion or 4.4 percent to \$79.9 billion. Industrial machinery and equipment, up eleven of the last twelve months, increased \$0.2 billion or 0.3 percent to \$81.2 billion. Transportation equipment, down seventeen of the last nineteen months, decreased \$3.1 billion or 1.4 percent to \$222.2 billion.

Inventories

Inventories of durable goods in November increased \$1.4 billion or 0.5 percent to \$294.8 billion. This is the third consecutive increase.

Industrial machinery and equipment had the largest increase, \$0.5 billion or 0.8 percent to \$60.4 billion. This is the largest increase since February 1998. Electronic and other electrical equipment, up nine of the last ten months, increased \$0.5 billion or 1.1 percent to \$42.6 billion.

Inventories of nondurable goods, up eight of the last nine months, increased \$0.7 billion or 0.4 percent to \$174.8 billion. Chemicals and allied products had the largest increase, \$0.5 billion or 1.2 percent to \$47.4 billion.

By stage of fabrication, November finished goods increased 0.2 percent in durables and decreased slightly in nondurables. Work in process increased slightly in durables and 1.1 percent in nondurables. Materials and supplies increased 1.3 percent in durables and 0.7 percent in nondurables.

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

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS
(Millions of dollars)

Industry	Seasonally adjusted						Not seasonally adjusted ¹						
	Monthly			Percent Change			Monthly				Percent change	Year to date	
	Nov. 1999 ^p	Oct. 1999 ^r	Sept. 1999	Oct.-Nov.	Sept.-Oct.	Aug.-Sept.	Nov. 1999 ^p	Oct. 1999 ^r	Sept. 1999	Nov. 1998		Nov. 99/98	1999 ^p
All manufacturing industries	364,518	360,201	358,709	+1.2	+0.4	-0.9	364,185	369,691	384,195	341,167	+6.7	3,893,012	3,709,953
Manufacturing Industries													
with unfilled orders	206,788	204,951	203,501	+0.9	+0.7	-1.5	207,668	207,995	221,109	199,576	+4.1	2,214,068	2,130,121
without defense capital goods	357,264	353,632	352,254	+1.0	+0.4	-0.9	356,394	363,160	377,344	334,015	+6.7	3,821,083	3,637,867
Durable goods industries	203,984	202,306	201,895	+0.8	+0.2	-1.9	203,324	206,861	219,306	194,672	+4.4	2,197,701	2,077,707
With unfilled orders	168,430	167,223	165,775	+0.7	+0.9	-1.8	168,290	168,935	181,172	161,677	+4.1	1,801,480	1,717,307
Stone, clay, and glass products	8,990	8,873	8,867	+1.3	+0.1	+0.1	8,829	9,442	9,456	8,044	+9.8	95,752	88,791
Primary metals	15,534	15,191	15,298	+2.3	-0.7	+0.6	15,142	15,539	15,852	13,914	+8.8	163,994	167,976
Blast furnaces, steel mills	6,035	5,893	5,814	+2.4	+1.4	-0.2	5,792	6,024	5,949	5,319	+8.9	63,154	67,867
Iron and steel foundries	1,491	1,468	1,540	+1.6	-4.7	-0.9	1,447	1,554	1,634	1,473	-1.8	16,967	16,772
Nonferrous and other primary metals	8,008	7,830	7,944	+2.3	-1.4	+1.5	7,903	7,961	8,269	7,122	+11.0	83,873	83,337
Fabricated metal products	20,720	20,281	20,377	+2.2	-0.5	-1.9	20,628	21,336	21,576	20,227	+2.0	226,624	220,515
Industrial machinery and equipment	38,777	39,471	37,742	-1.8	+4.6	-2.5	36,383	38,305	41,716	34,464	+5.6	412,741	402,153
Engines and turbines	2,713	2,620	2,708	+3.5	-3.2	-0.9	2,695	2,526	3,026	2,359	+14.2	27,050	24,262
Farm and garden machinery	1,646	1,571	1,688	+4.8	-6.9	-3.7	1,142	1,402	1,550	1,237	-7.7	20,337	22,522
Construction, mining and material handling equipment	3,672	3,698	3,793	-0.7	-2.5	+1.3	3,389	3,636	3,868	3,765	-10.0	42,442	46,589
Metalworking machinery	3,812	3,992	3,840	-4.5	+4.0	+3.4	4,289	4,486	4,352	4,146	+3.4	40,214	38,352
Computer and office equipment	12,028	12,892	11,112	-6.7	+16.0	-7.2	10,988	11,468	13,835	10,170	+8.0	124,291	115,205
Electronic and other electrical equipment	35,510	34,860	35,307	+1.9	-1.3	-0.1	36,804	34,795	40,421	33,995	+8.3	372,279	339,008
Electrical transmission and distribution equipment and industrial apparatus	3,873	3,754	3,933	+3.2	-4.6	-5.0	3,713	3,602	4,499	3,467	+7.1	41,996	40,344
Household appliances	2,431	2,348	2,221	+3.5	+5.7	-8.7	2,358	2,302	2,344	2,084	+13.1	25,944	22,980
Electric lighting and wiring equipment	2,531	2,490	2,535	+1.6	-1.8	-0.2	2,646	2,433	2,871	2,352	+12.5	26,437	24,467
Household audio and video equipment	980	995	1,061	-1.5	-6.2	-2.7	1,184	1,266	1,278	1,270	-6.8	11,584	11,263
Communications equipment	8,615	8,547	8,893	+0.8	-3.9	+1.9	8,524	7,985	10,521	7,630	+11.7	89,210	75,490
Electronic components	14,927	14,570	14,322	+2.5	+1.7	+1.8	15,758	14,757	16,134	14,217	+10.8	152,193	140,186
Transportation equipment	48,288	47,659	48,555	+1.3	-1.8	-4.8	49,469	51,055	51,593	49,747	-0.6	535,003	490,236
Motor vehicles and parts	33,184	32,898	33,908	+0.9	-3.0	-2.2	33,986	36,628	35,918	32,539	+4.4	369,752	331,231
Aircraft, missiles, space vehicles, and parts	11,517	11,493	10,890	+0.2	+5.5	-15.0	11,907	11,112	11,505	13,657	-12.8	127,180	123,538
Shipbuilding and tanks	1,001	973	1,217	+2.9	-20.0	+15.2	1,023	943	1,303	1,322	-22.6	10,873	11,199
Instruments and related products	14,979	14,834	14,797	+1.0	+0.3	+2.2	15,096	14,506	16,386	14,516	+4.0	158,262	153,529
Search and navigation equipment	3,120	3,171	3,119	-1.6	+1.7	-0.2	3,165	3,080	3,424	3,286	-3.7	34,334	33,498
Measuring and controlling devices	4,436	4,409	4,307	+0.6	+2.4	+1.2	4,493	4,349	4,720	4,253	+5.6	46,034	44,530
Medical instruments and supplies	4,941	4,842	4,975	+2.0	-2.7	+4.5	4,782	4,575	5,569	4,406	+8.5	52,269	48,887
Photographic goods	1,984	1,911	1,897	+3.8	+0.7	+3.4	2,162	2,012	2,149	2,096	+3.1	20,250	21,573
All other durable goods	21,186	21,137	20,952	+0.2	+0.9	-2.0	20,973	21,883	22,306	19,765	+6.1	233,045	215,499
Nondurable goods industries	160,534	157,895	156,814	+1.7	+0.7	+0.4	160,861	162,830	164,889	146,495	+9.8	1,695,311	1,632,246
With unfilled orders	38,358	37,728	37,726	+1.7	0.0	-0.1	39,378	39,060	39,937	37,899	+3.9	412,588	412,814
Food and kindred products	42,418	42,292	42,142	+0.3	+0.4	+0.9	43,312	43,792	44,064	42,172	+2.7	459,338	449,413
Meat products	9,405	9,431	9,211	-0.3	+2.4	+1.7	9,624	9,700	9,457	8,802	+9.3	98,491	95,981
Dairy products	6,555	6,432	6,538	+1.9	-1.6	+0.4	6,816	6,283	6,759	6,909	-1.3	71,046	68,180
Beverages	6,491	6,458	6,399	+0.5	+0.9	+1.0	6,190	6,466	6,593	5,724	+8.1	70,138	67,343
All other foods, except fats and oils	18,105	18,069	18,201	+0.2	-0.7	+0.3	18,820	19,441	19,462	18,608	+1.1	199,400	195,113
Tobacco products	4,617	4,500	4,275	+2.6	+5.3	+0.4	4,589	4,522	4,132	3,346	+37.1	46,512	37,713
Textile mill products	6,549	6,638	6,502	-1.3	+2.1	-0.2	6,613	7,003	7,130	6,533	+1.2	72,414	74,799
Broadwoven fabrics and other textiles	3,676	3,642	3,609	+0.9	+0.9	-1.3	3,605	3,698	3,963	3,741	-3.6	40,944	44,976
Paper and allied products	14,098	13,781	13,777	+2.3	0.0	-1.2	13,924	14,081	14,250	13,265	+5.0	150,292	152,142
Pulp, paper, and paperboard mill products	5,485	5,247	5,361	+4.5	-2.1	-2.0	5,455	5,334	5,534	5,026	+8.5	57,785	58,684
Paperboard containers and boxes	3,625	3,637	3,541	-0.3	+2.7	-0.8	3,588	3,792	3,620	3,430	+4.6	37,936	39,539
Miscellaneous converted paper products	4,988	4,897	4,875	+1.9	+0.5	-0.7	4,881	4,955	5,096	4,809	+1.5	54,571	53,919
Chemicals and allied products	36,025	35,552	35,040	+1.3	+1.5	0.0	34,596	35,055	36,521	31,044	+11.4	377,836	358,409
Industrial chemicals	16,291	16,042	15,677	+1.6	+2.3	+2.5	15,902	15,879	16,007	13,884	+14.5	167,784	165,609
Drugs, soaps, and toiletries	15,790	15,675	15,481	+0.7	+1.3	-1.6	15,487	15,849	17,153	14,146	+9.5	166,762	149,811
Petroleum and coal products	16,495	15,627	15,663	+5.6	-0.2	+2.9	16,682	16,531	16,642	11,080	+50.6	154,001	135,000
Rubber and plastics products	14,302	13,811	13,701	+3.6	+0.8	-1.0	13,790	14,358	14,291	12,688	+8.7	151,650	146,149
All other nondurable goods	26,030	25,694	25,714	+1.3	-0.1	+0.6	27,355	27,488	27,859	26,367	+3.7	283,268	278,621

^p Preliminary. ^r Revised.

¹ Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations.

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS
(Millions of dollars)

Industry	Seasonally adjusted						Not seasonally adjusted ¹						
	Monthly			Percent Change			Monthly				Percent change	Year to date	
	Nov. 1999 ^P	Oct. 1999 ^P	Sept. 1999	Oct.-Nov.	Sept.-Oct.	Aug.-Sept.	Nov. 1999 ^P	Oct. 1999 ^F	Sept. 1999	Nov. 1998		Nov. 99/98	1999 ^P
All manufacturing industries	365,178	360,725	360,886	+1.2	0.0	-1.0	361,698	373,387	380,404	333,218	+8.5	3,902,417	3,693,211
Manufacturing industries with unfilled orders	207,448	205,475	205,678	+1.0	-0.1	-1.7	205,181	211,691	217,318	191,627	+7.1	2,223,473	2,113,379
without defense capital goods	359,121	353,054	355,401	+1.7	-0.7	-1.1	355,344	365,349	375,331	327,279	+8.6	3,836,751	3,630,380
Durable goods industries	204,347	202,442	204,349	+0.9	-0.9	-1.5	200,602	210,891	216,720	186,550	+7.5	2,204,867	2,062,771
With unfilled orders	168,793	167,359	168,229	+0.9	-0.5	-1.4	165,568	172,965	178,586	153,555	+7.8	1,808,646	1,702,371
Stone, clay, and glass products	9,049	8,999	8,955	+0.6	+0.5	+1.7	8,859	9,496	9,518	7,934	+11.7	95,812	88,683
Primary metals	15,713	15,440	15,461	+1.8	-0.1	-1.3	15,269	15,049	15,242	14,140	+8.0	165,978	161,714
Blast furnaces, steel mills	6,357	6,027	5,931	+5.5	+1.6	-2.2	6,138	5,796	5,609	5,353	+14.7	64,564	64,176
Iron and steel foundries	1,343	1,455	1,445	-7.7	+0.7	-11.5	1,283	1,534	1,450	1,515	-15.3	16,169	16,678
Nonferrous and other primary metals	8,013	7,958	8,085	+0.7	-1.6	+1.5	7,848	7,719	8,183	7,272	+7.9	85,245	80,860
Fabricated metal products	20,588	20,060	20,168	+2.6	-0.5	-3.1	20,166	20,860	21,143	19,790	+1.9	225,315	219,672
Industrial machinery and equipment	38,996	39,666	39,077	-1.7	+1.5	-0.1	37,158	39,045	43,040	33,930	+9.5	420,028	402,350
Engines and turbines	2,800	2,789	3,793	+0.4	-26.5	+26.5	2,927	3,055	4,585	2,457	+19.1	33,141	29,151
Construction, mining and material handling equipment	3,862	3,572	3,586	+8.1	-0.4	-2.4	3,627	3,545	3,612	3,486	+4.0	41,292	45,633
Metalworking machinery	3,461	3,914	3,962	-11.6	-1.2	+5.6	3,938	4,408	4,474	4,010	-1.8	40,471	37,961
Computer and office equipment	11,923	12,754	11,017	-6.5	+15.8	-9.0	11,015	11,332	13,589	10,135	+8.7	124,689	115,423
Electronic and other electrical equipment	38,900	35,884	38,734	+8.4	-7.4	+0.3	37,863	40,323	40,871	31,022	+22.1	395,238	345,524
Electrical transmission and distribution equipment and industrial apparatus	3,947	3,896	3,904	+1.3	-0.2	-12.3	3,705	3,835	4,326	3,342	+10.9	42,725	40,075
Electric lighting and wiring equipment	2,432	2,571	2,242	-5.4	+14.7	-9.1	2,547	2,514	2,578	2,265	+12.5	26,406	24,459
Communications equipment	9,777	10,839	10,261	-9.8	+5.6	+22.7	9,952	10,991	11,516	7,423	+34.1	95,330	78,452
Electronic components	17,241	12,971	16,801	+32.9	-22.8	-4.6	15,767	16,682	16,257	11,702	+34.7	168,725	144,068
Transportation equipment	45,144	46,800	46,593	-3.5	+0.4	-4.9	45,770	49,951	49,046	46,476	-1.5	512,473	478,907
Aircraft, missiles, space vehicles, and parts	8,976	10,408	9,480	-13.8	+9.8	-17.0	8,878	9,935	9,687	10,449	-15.0	109,437	112,474
Shipbuilding and tanks	1,038	1,002	785	+3.6	+27.6	+36.0	1,057	948	892	803	+31.6	9,861	10,761
Instruments and related products	14,730	14,362	14,440	+2.6	-0.5	+2.3	14,761	14,045	15,809	13,844	+6.6	156,236	150,379
Search and navigation equipment	2,844	2,931	2,883	-3.0	+1.7	+2.5	2,871	2,623	3,161	2,918	-1.6	32,439	30,334
Measuring and controlling devices	4,351	4,149	4,334	+4.9	-4.3	+6.2	4,408	4,089	4,747	4,134	+6.6	45,681	43,772
Medical instruments and supplies	5,038	4,837	4,823	+4.2	+0.3	-0.9	4,835	4,813	5,236	4,206	+15.0	52,601	50,310
All other durable goods	21,227	21,231	20,921	0.0	+1.5	-1.9	20,756	22,122	22,051	19,414	+6.9	233,837	215,542
Nondurable goods industries	160,831	158,283	156,537	+1.6	+1.1	-0.3	161,096	162,496	163,684	146,668	+9.8	1,697,550	1,630,440
With unfilled orders	38,655	38,116	37,449	+1.4	+1.8	-3.0	39,613	38,726	38,732	38,072	+4.0	414,827	411,008

^P Preliminary. ^F Revised.

¹ 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 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(96), Manufacturers' Shipments, Inventories, and Orders: 1987-1996."

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 Nov. 99/98
	Nov. 1999 ^P	Oct. 1999 ^r	Sept. 1999	Oct.- Nov.	Sept.- Oct.	Aug.- Sept.	Nov. 1999 ^P	Oct. 1999 ^r	Sept. 1999	Nov. 1998	
All manufacturing industries	526,623	525,963	525,439	+0.1	+0.1	+0.4	522,442	524,929	521,233	514,816	+1.5
Manufacturing industries without defense capital goods	435,310	433,453	434,031	+0.4	-0.1	+0.7	432,992	434,042	431,853	421,855	+2.6
Durable goods industries	500,842	500,479	500,343	+0.1	0.0	+0.5	497,257	499,979	495,949	491,398	+1.2
Stone, clay, and glass products	6,242	6,183	6,057	+1.0	+2.1	+1.5	6,131	6,101	6,047	6,068	+1.0
Primary metals	32,542	32,363	32,114	+0.6	+0.8	+0.5	30,831	30,704	31,194	28,076	+9.8
Blast furnaces, steel mills	13,348	13,026	12,892	+2.5	+1.0	+0.9	12,445	12,099	12,327	10,667	+16.7
Iron and steel foundries	4,715	4,863	4,876	-3.0	-0.3	-1.9	4,554	4,718	4,738	5,382	-15.4
Nonferrous and other primary metals	14,479	14,474	14,346	0.0	+0.9	+1.0	13,832	13,887	14,129	12,027	+15.0
Fabricated metal products	24,671	24,803	25,024	-0.5	-0.9	-0.8	24,125	24,587	25,063	25,507	-5.4
Industrial machinery and equipment	81,227	81,008	80,813	+0.3	+0.2	+1.7	81,728	80,953	80,213	73,622	+11.0
Engines and turbines	24,122	24,035	23,866	+0.4	+0.7	+4.8	24,816	24,584	24,055	17,423	+42.4
Construction, mining and material handling equipment	8,783	8,593	8,719	+2.2	-1.4	-2.3	8,483	8,245	8,336	9,410	-9.9
Metalworking machinery	6,703	7,054	7,132	-5.0	-1.1	+1.7	6,703	7,054	7,132	6,758	-0.8
Computer and office equipment	8,141	8,246	8,384	-1.3	-1.6	-1.1	8,339	8,312	8,448	7,850	+6.2
Electronic and other electrical equipment	79,866	76,476	75,452	+4.4	+1.4	+4.8	80,765	79,706	74,178	59,822	+35.0
Electrical transmission and distribution equipment and industrial apparatus	7,005	6,931	6,789	+1.1	+2.1	-0.4	6,910	6,918	6,685	6,249	+10.6
Electric lighting and wiring equipment	4,991	5,090	5,009	-1.9	+1.6	-5.5	4,991	5,090	5,009	4,919	+1.5
Communications equipment	22,616	21,454	19,162	+5.4	+12.0	+7.7	23,177	21,749	18,743	17,293	+34.0
Electronic components	39,598	37,284	38,883	+6.2	-4.1	+6.8	40,187	40,178	38,253	25,422	+58.1
Transportation equipment	222,219	225,363	226,222	-1.4	-0.4	-0.9	220,054	223,753	224,857	243,188	-9.5
Aircraft, missiles, space vehicles, and parts	188,157	190,698	191,783	-1.3	-0.6	-0.7	186,265	189,294	190,471	207,056	-10.0
Shipbuilding and tanks	18,282	18,245	18,216	+0.2	+0.2	-2.3	18,310	18,276	18,271	17,992	+1.8
Instruments and related products	45,608	45,857	46,329	-0.5	-1.0	-0.8	45,159	45,494	45,955	46,979	-3.9
Search and navigation equipment	25,065	25,341	25,581	-1.1	-0.9	-0.9	24,533	24,827	25,284	26,079	-5.9
Measuring and controlling devices	9,832	9,917	10,177	-0.9	-2.6	+0.3	9,832	9,917	10,177	10,095	-2.6
Medical instruments and supplies	9,789	9,692	9,697	+1.0	-0.1	-1.5	9,918	9,865	9,627	9,847	+0.7
All other durable goods	8,467	8,426	8,332	+0.5	+1.1	-0.4	8,464	8,681	8,442	8,136	+4.0
Nondurable goods industries	25,781	25,484	25,096	+1.2	+1.5	-1.1	25,185	24,950	25,284	23,418	+7.5

^P Preliminary. ^r Revised.

See note at end of table 2 relating to survey error and revision.

Table 4. VALUE OF MANUFACTURERS' INVENTORIES FOR INDUSTRY GROUPS
(Millions of dollars)

Industry	Seasonally adjusted						Not seasonally adjusted				
	Monthly			Percent Change			Monthly				Percent change Nov. 99/98
	Nov. 1999 ^a	Oct. 1999 ^a	Sept. 1999	Oct.- Nov.	Sept.- Oct.	Aug.- Sept.	Nov. 1999 ^a	Oct. 1999 ^a	Sept. 1999	Nov. 1998	
All manufacturing industries	469,656	467,522	465,669	+0.5	+0.4	+0.3	471,002	468,752	465,082	471,705	-0.1
Manufacturing industries with unfilled orders	310,548	309,267	308,999	+0.4	+0.1	+0.3	310,740	309,363	308,986	315,357	-1.5
without defense capital goods	451,230	449,078	446,803	+0.5	+0.5	+0.2	452,600	450,164	445,929	452,640	0.0
Durable goods industries	294,834	293,448	292,901	+0.5	+0.2	+0.2	295,802	293,439	292,311	298,755	-1.0
With unfilled orders	269,750	268,575	268,386	+0.4	+0.1	+0.2	270,467	268,868	268,212	274,436	-1.4
Stone, clay, and glass products	9,800	9,854	9,724	-0.5	+1.3	0.0	9,498	9,512	9,549	9,004	+5.5
Primary metals	24,029	23,884	23,652	+0.6	+1.0	0.0	24,047	23,819	23,677	24,722	-2.7
Blast furnaces, steel mills	11,356	11,325	11,250	+0.3	+0.7	-0.6	11,492	11,384	11,319	12,271	-6.3
Iron and steel foundries	1,610	1,578	1,576	+2.0	+0.1	-1.2	1,564	1,533	1,541	1,539	+1.6
Nonferrous and other primary metals	11,063	10,981	10,826	+0.7	+1.4	+0.7	10,991	10,902	10,817	10,912	+0.7
Fabricated metal products	31,372	31,359	31,182	0.0	+0.6	+0.5	31,070	31,094	30,991	30,786	+0.9
Industrial machinery and equipment	60,438	59,936	60,139	+0.8	-0.3	+0.2	61,044	59,757	59,763	61,563	-0.8
Engines and turbines	4,633	4,565	4,445	+1.5	+2.7	-0.5	4,864	4,674	4,460	4,263	+14.1
Farm and garden machinery	3,708	3,670	3,614	+1.0	+1.5	+1.5	3,810	3,479	3,363	3,948	-3.5
Construction, mining and material handling equipment	8,941	8,868	8,852	+0.8	+0.2	+0.1	8,934	8,769	8,709	9,005	-0.8
Metalworking machinery	8,043	8,119	8,101	-0.9	+0.2	+1.2	7,921	8,217	8,261	7,729	+2.5
Computer and office equipment	8,796	8,623	9,183	+2.0	-6.1	+0.2	9,032	8,578	9,170	9,388	-3.8
Electronic and other electrical equipment	42,551	42,091	41,518	+1.1	+1.4	+0.8	42,618	42,241	41,195	40,296	+5.8
Electrical transmission and distribution equipment and industrial apparatus	5,350	5,325	5,293	+0.5	+0.6	+0.8	5,434	5,349	5,219	5,424	+0.2
Household appliances	2,420	2,412	2,393	+0.3	+0.8	+2.4	2,362	2,359	2,281	2,369	-0.3
Electric lighting and wiring equipment	3,758	3,763	3,694	-0.1	+1.9	+2.5	3,802	3,843	3,663	3,528	+7.8
Household audio and video equipment	1,137	1,081	1,066	+5.2	+1.4	+4.2	1,128	1,107	1,140	1,047	+7.7
Communications equipment	11,601	11,168	10,921	+3.9	+2.3	+1.0	11,743	11,222	10,950	10,272	+14.3
Electronic components	14,605	14,691	14,554	-0.6	+0.9	0.0	14,555	14,723	14,354	14,098	+3.2
Transportation equipment	70,559	70,411	70,749	+0.2	-0.5	-0.2	71,402	70,908	71,147	77,276	-7.6
Motor vehicles and parts	17,894	17,638	17,420	+1.5	+1.3	-0.8	18,044	17,559	17,492	17,299	+4.3
Aircraft, missiles, space vehicles, and parts	46,306	46,499	47,276	-0.4	-1.6	+0.4	47,059	47,129	47,687	54,357	-13.4
Shipbuilding and tanks	2,271	2,232	2,211	+1.7	+0.9	-2.4	2,228	2,169	2,207	1,755	+27.0
Instruments and related products	27,035	27,058	27,098	-0.1	-0.1	+0.1	27,143	27,197	27,106	26,829	+1.2
Search and navigation equipment	7,001	6,984	6,971	+0.2	+0.2	+2.7	6,952	6,960	6,960	6,677	+4.1
Measuring and controlling devices	8,150	8,195	8,230	-0.5	-0.4	-0.4	8,141	8,183	8,209	7,997	+1.8
Medical instruments and supplies	8,825	8,779	8,810	+0.5	-0.4	-0.4	8,974	8,870	8,791	8,725	+2.9
Photographic goods	2,329	2,359	2,331	-1.3	+1.2	-3.1	2,345	2,442	2,401	2,683	-12.6
All other durable goods	29,050	28,855	28,839	+0.7	+0.1	-0.3	28,980	28,911	28,883	28,279	+2.5
Nondurable goods industries	174,822	174,074	172,768	+0.4	+0.8	+0.5	175,200	175,313	172,771	172,950	+1.3
With unfilled orders	40,798	40,692	40,613	+0.3	+0.2	+0.5	40,273	40,495	40,774	40,921	-1.6
Food and kindred products	38,801	38,769	38,139	+0.1	+1.7	+0.3	40,371	40,938	38,860	38,812	+4.0
Meat products	4,484	4,484	4,380	0.0	+2.4	+0.9	4,444	4,487	4,315	4,002	+11.0
Dairy products	3,936	3,937	3,892	0.0	+1.2	-0.4	3,805	3,943	3,855	3,696	+2.9
Beverages	8,672	8,654	8,600	+0.2	+0.6	-1.4	8,837	8,875	8,694	8,528	+3.6
All other foods, except fats and oils	20,056	20,003	19,651	+0.3	+1.8	+1.0	21,524	21,821	20,524	20,551	+4.7
Tobacco products	5,069	5,164	5,177	-1.8	-0.3	+0.5	5,304	5,366	5,014	6,144	-13.7
Textile mill products	10,089	10,071	10,112	+0.2	-0.4	+0.8	9,868	9,900	9,975	9,961	-0.9
Broadwoven fabrics and other textiles	6,099	6,090	6,113	+0.1	-0.4	-0.2	6,033	5,992	5,991	6,283	-4.0
Paper and allied products	16,140	16,125	16,133	+0.1	0.0	+1.3	15,959	15,889	16,003	16,251	-1.8
Pulp, paper, and paperboard mill products	6,258	6,299	6,324	-0.7	-0.4	0.0	6,206	6,214	6,260	6,686	-7.2
Paperboard containers and boxes	4,239	4,243	4,179	-0.1	+1.5	+3.1	4,169	4,164	4,170	4,077	+2.3
Miscellaneous converted paper products	5,643	5,583	5,630	+1.1	-0.8	+1.5	5,584	5,511	5,573	5,488	+1.7
Chemicals and allied products	47,450	46,903	46,546	+1.2	+0.8	-0.2	47,194	46,352	45,926	46,543	+1.4
Industrial chemicals	19,520	19,261	19,176	+1.3	+0.4	-0.2	19,352	18,977	19,147	19,649	-1.5
Drugs, soaps, and toiletries	21,970	21,754	21,527	+1.0	+1.1	+0.1	21,992	21,707	21,215	21,255	+3.5
Petroleum and coal products	12,184	12,052	11,887	+1.1	+1.4	+2.6	12,406	12,284	12,106	11,109	+11.7
Rubber and plastics products	17,764	17,714	17,492	+0.3	+1.3	+1.3	17,531	17,389	17,159	16,567	+5.8
All other nondurable goods	27,325	27,276	27,282	+0.2	0.0	-0.1	26,567	27,195	27,728	27,563	-3.6

^a Preliminary. ^r Revised.

See note at end of table 2 relating to survey error and revision.

**Table 5. VALUE OF MANUFACTURERS' SHIPMENTS AND NEW ORDERS
FOR TOPICAL SERIES¹
(Millions of dollars)**

Industry	Seasonally adjusted						Not seasonally adjusted ²						
	Monthly			Percent Change			Monthly				Percent change	Year to date	
	Nov. 1999 ^p	Oct. 1999 ^r	Sept. 1999	Oct.-Nov.	Sept.-Oct.	Aug.-Sept.	Nov. 1999 ^p	Oct. 1999 ^r	Sept. 1999	Nov. 1998	Nov. 99/98	1999 ^p	1998
SHIPMENTS													
All manufacturing industries	364,518	360,201	358,709	+1.2	+0.4	-0.9	364,185	369,691	384,195	341,167	+6.7	3,893,012	3,709,953
Market categories :													
Automotive equipment	16,359	16,092	16,584	+1.7	-3.0	-1.9	16,774	17,940	17,914	15,723	+6.7	180,586	161,101
Home goods and apparel	20,227	20,070	19,711	+0.8	+1.8	-1.7	20,954	21,987	22,023	19,421	+7.9	221,240	209,672
Consumer staples	77,191	76,119	75,589	+1.4	+0.7	+0.7	77,998	78,185	79,898	70,000	+11.4	810,226	759,727
Machinery and equipment	67,925	68,807	67,932	-1.3	+1.3	-3.4	66,071	68,189	75,318	65,851	+0.3	738,967	701,875
Business supplies	27,501	26,995	26,898	+1.9	+0.4	0.0	28,068	27,723	28,057	26,017	+7.9	292,019	280,586
Construction materials and supplies	23,603	23,253	23,372	+1.5	-0.5	-0.9	23,043	24,243	24,912	21,480	+7.3	255,149	239,587
Defense products	7,572	6,822	6,719	+11.0	+1.5	+0.6	8,054	6,741	7,134	7,364	+9.4	74,681	75,526
Other materials, supplies and intermediate products	124,140	122,043	121,904	+1.7	+0.1	-0.3	123,223	124,683	128,939	115,311	+6.9	1,320,144	1,281,879
Durable goods industries :													
Nondefense capital goods ³	55,093	56,295	54,891	-2.1	+2.6	-4.2	53,021	53,981	61,867	52,882	+0.3	593,319	561,103
Excluding aircraft and parts	47,793	48,329	47,392	-1.1	+2.0	-1.1	45,796	46,414	53,933	43,142	+6.2	504,985	476,066
Defense capital goods ⁴	7,254	6,569	6,455	+10.4	+1.8	-0.2	7,791	6,531	6,851	7,152	+8.9	71,929	72,086
Durables excluding capital goods	141,637	139,442	140,549	+1.6	-0.8	-1.0	142,512	146,349	150,588	134,638	+5.8	1,532,453	1,444,518
Miscellaneous series :													
Producers' durable equipment	131,596	131,711	130,948	-0.1	+0.6	-2.9	130,609	134,668	143,098	127,037	+2.8	1,431,827	1,345,206
Household durable goods	10,780	10,521	10,277	+2.5	+2.4	-3.4	11,278	11,143	11,518	9,886	+14.1	114,729	102,821
Information technology industries	27,989	28,704	27,163	-2.5	+5.7	-2.0	27,072	26,684	32,303	25,047	+8.1	290,030	265,595
Health care equipment and products	13,501	13,340	13,366	+1.2	-0.2	+0.6	13,176	13,172	14,854	12,081	+9.1	142,731	130,274
NEW ORDERS													
All manufacturing industries	365,178	360,725	360,886	+1.2	0.0	-1.0	361,698	373,387	380,404	333,218	+8.5	3,902,417	3,693,211
Market categories :													
Automotive equipment	16,292	16,136	16,559	+1.0	-2.6	-2.3	16,659	17,994	17,825	15,713	+6.0	180,584	160,963
Home goods and apparel	20,277	20,281	19,854	0.0	+2.2	-0.9	20,714	22,171	22,029	19,368	+6.9	221,994	209,705
Consumer staples	77,274	76,217	75,552	+1.4	+0.9	+0.4	78,032	78,104	79,561	70,159	+11.2	810,961	759,937
Machinery and equipment	67,445	68,364	69,418	-1.3	-1.5	+0.6	65,840	67,984	76,037	62,907	+4.7	732,726	702,877
Business supplies	27,593	27,064	26,773	+2.0	+1.1	-1.3	28,105	27,580	27,588	26,152	+7.5	292,737	280,872
Construction materials and supplies	23,502	23,350	23,017	+0.7	+1.4	-2.0	22,810	24,164	24,440	21,239	+7.4	255,130	239,127
Defense products	6,445	7,992	5,898	-19.4	+35.5	+12.3	6,794	8,383	5,536	6,091	+11.5	68,917	66,279
Other materials, supplies and intermediate products	126,350	121,321	123,815	+4.1	-2.0	-2.7	122,744	127,007	127,388	111,589	+10.0	1,339,368	1,273,451
Durable goods industries :													
Nondefense capital goods ³	54,510	56,291	56,050	-3.2	+0.4	-0.7	52,896	54,441	62,872	49,726	+6.4	587,734	559,672
Excluding aircraft and parts	48,370	48,891	48,990	-1.1	-0.2	+2.6	46,831	47,440	55,377	42,570	+10.0	511,150	478,357
Defense capital goods ⁴	6,057	7,671	5,485	-21.0	+39.9	+8.7	6,354	8,038	5,073	5,939	+7.0	65,666	62,831
Durables excluding capital goods	143,780	138,480	142,814	+3.8	-3.0	-2.2	141,352	148,412	148,775	130,885	+8.0	1,551,467	1,440,268
Miscellaneous series :													
Producers' durable equipment	130,627	130,626	132,641	0.0	-1.5	-0.5	129,263	134,171	143,722	123,962	+4.3	1,423,868	1,345,538
Household durable goods	10,769	10,746	10,322	+0.2	+4.1	-2.1	11,003	11,512	11,496	9,668	+13.8	115,268	102,448
Information technology industries	28,418	28,739	27,895	-1.1	+3.0	+2.5	27,618	26,722	32,874	24,369	+13.3	292,663	266,914
Health care equipment and products	13,598	13,335	13,213	+2.0	+0.9	-1.3	13,228	13,410	14,519	11,880	+11.3	143,065	131,698

^p Preliminary. ^r Revised.

¹ Topical series are regroupings of the separate industry categories.

² Shipments and new orders are the totals for the period and are adjusted for trading-day and calendar-month variations.

³ 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 engine and parts; ships and tank components; railroad equipment; and search and navigation equipment.

⁴ Defense capital goods industries include : ordnance and accessories; communications equipment; aircraft, missiles, space vehicles, and engines and parts; ships, tank and tank components; and search and navigation equipment.

See note at end of table 2 relating to survey error and revision.

**Table 6. VALUE OF MANUFACTURERS' UNFILLED ORDERS AND TOTAL INVENTORIES
FOR TOPICAL SERIES¹
(Millions of dollars)**

Industry	Seasonally adjusted						Not seasonally adjusted				
	Monthly			Percent Change			Monthly				Percent change Nov. 99/98
	Nov. 1999 ^p	Oct. 1999 ^r	Sept. 1999	Oct.- Nov.	Sept.- Oct.	Aug.- Sept.	Nov. 1999 ^p	Oct. 1999 ^r	Sept. 1999	Nov. 1998	
UNFILLED ORDERS											
All manufacturing industries	526,623	525,963	525,439	+0.1	+0.1	+0.4	522,442	524,929	521,233	514,816	+1.5
Market categories :											
Automotive equipment	2,482	2,549	2,505	-2.6	+1.8	-0.9	2,403	2,517	2,464	2,348	+2.3
Home goods and apparel	9,350	9,300	9,089	+0.5	+2.3	+1.6	9,066	9,306	9,122	8,591	+5.5
Consumer staples	3,041	2,958	2,860	+2.8	+3.4	-1.3	2,998	2,964	3,045	2,260	+32.7
Machinery and equipment	234,552	235,032	235,476	-0.2	-0.2	+0.6	234,338	234,569	234,774	243,744	-3.9
Business supplies	7,409	7,317	7,248	+1.3	+1.0	-1.7	7,238	7,200	7,344	6,718	+7.7
Construction materials and supplies	17,568	17,668	17,572	-0.6	+0.5	-2.0	17,220	17,453	17,532	17,166	+0.3
Defense products	86,784	87,911	86,740	-1.3	+1.4	-0.9	85,151	86,411	84,769	88,298	-3.6
Other materials, supplies and and intermediate products	165,437	163,228	163,949	+1.4	-0.4	+1.2	164,028	164,509	162,183	145,691	+12.6
Durable goods industries :											
Nondefense capital goods ³	251,243	251,826	251,830	-0.2	0.0	+0.5	251,505	251,630	251,170	259,785	-3.2
Excluding aircraft and parts	112,488	111,911	111,349	+0.5	+0.5	+1.5	112,750	111,715	110,689	105,463	+6.9
Defense capital goods ⁴	91,313	92,510	91,408	-1.3	+1.2	-1.1	89,450	90,887	89,380	92,961	-3.8
Durables excluding capital goods	158,286	156,143	157,105	+1.4	-0.6	+1.5	156,302	157,462	155,399	138,652	+12.7
Miscellaneous series :											
Producers' durable equipment	272,212	273,181	274,266	-0.4	-0.4	+0.6	271,596	272,942	273,439	283,446	-4.2
Household durable goods	5,770	5,781	5,556	-0.2	+4.0	+0.8	5,700	5,975	5,606	5,410	+5.4
Information technology industries	41,578	41,149	41,114	+1.0	+0.1	+1.8	41,749	41,203	41,165	39,289	+6.3
Health care equipment and products	9,830	9,733	9,738	+1.0	-0.1	-1.5	9,960	9,907	9,669	9,888	+0.7
TOTAL INVENTORIES											
All manufacturing industries	469,656	467,522	465,669	+0.5	+0.4	+0.3	471,002	468,752	465,082	471,705	-0.1
Market categories :											
Automotive equipment	8,956	8,903	8,740	+0.6	+1.9	-0.5	8,949	8,837	8,667	8,558	+4.6
Home goods and apparel	31,688	31,539	31,591	+0.5	-0.2	+0.4	30,648	31,132	31,622	31,307	-2.1
Consumer staples	76,057	75,785	74,899	+0.4	+1.2	+0.3	77,744	77,973	75,269	75,477	+3.0
Machinery and equipment	117,166	116,218	116,051	+0.8	+0.1	+0.3	118,591	116,538	115,681	122,048	-2.8
Business supplies	28,486	28,352	28,390	+0.5	-0.1	+0.6	28,403	28,485	28,727	28,205	+0.7
Construction materials and supplies	30,249	30,109	29,746	+0.5	+1.2	+0.5	30,009	29,885	29,539	28,658	+4.7
Defense products	18,067	18,116	18,474	-0.3	-1.9	+1.3	18,012	18,246	18,715	18,662	-3.5
Other materials, supplies and and intermediate products	158,987	158,500	157,778	+0.3	+0.5	0.0	158,646	157,656	156,862	158,790	-0.1
Durable goods industries :											
Nondefense capital goods ³	108,221	107,299	107,465	+0.9	-0.2	+0.1	109,585	107,775	107,358	113,974	-3.9
Excluding aircraft and parts	73,772	72,693	72,476	+1.5	+0.3	+0.1	74,411	72,720	72,214	72,398	+2.8
Defense capital goods ⁴	18,426	18,444	18,866	-0.1	-2.2	+1.5	18,402	18,588	19,153	19,065	-3.5
Durables excluding capital goods	168,187	167,705	166,570	+0.3	+0.7	0.0	167,815	167,076	165,800	165,716	+1.3
Miscellaneous series :											
Producers' durable equipment	191,535	190,226	189,913	+0.7	+0.2	+0.5	192,672	190,293	189,491	194,503	-0.9
Household durable goods	16,535	16,359	16,289	+1.1	+0.4	+0.3	16,257	16,284	16,288	16,286	-0.2
Information technology industries	33,799	33,243	33,523	+1.7	-0.8	+0.1	34,123	33,286	33,537	32,777	+4.1
Health care equipment and products	20,719	20,559	20,467	+0.8	+0.4	-0.1	20,879	20,623	20,280	20,234	+3.2

See footnotes at end of table 5.

See note at end of table 2 relating to survey error and revision.

**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 Nov. 99/98
	Nov. 1999 ^P	Oct. 1999 ^P	Sept. 1999	Oct.- Nov.	Sept.- Oct.	Aug.- Sept.	Nov. 1999 ^P	Oct. 1999 ^P	Sept. 1999	Nov. 1998	
MATERIALS AND SUPPLIES											
All manufacturing industries	155,670	154,064	154,150	+1.0	-0.1	+0.5	155,792	154,549	154,734	155,775	0.0
Durable goods industries	94,059	92,872	92,990	+1.3	-0.1	+0.5	94,641	93,306	93,844	93,671	+1.0
Stone, clay, and glass products	3,251	3,276	3,269	-0.8	+0.2	+0.7	3,254	3,277	3,299	3,150	+3.3
Primary metals	7,492	7,441	7,428	+0.7	+0.2	+0.4	7,683	7,621	7,575	8,089	-5.0
Fabricated metal products	10,652	10,664	10,684	-0.1	-0.2	+1.0	10,610	10,653	10,787	10,611	0.0
Industrial machinery and equipment	20,374	19,879	20,137	+2.5	-1.3	+1.3	20,511	19,792	20,388	19,909	+3.0
Electronic and other											
electrical equipment	16,938	16,372	16,205	+3.5	+1.0	+0.6	16,998	16,469	16,268	15,708	+8.2
Transportation equipment	15,208	15,244	15,259	-0.2	-0.1	+0.3	15,150	15,129	15,300	15,598	-2.9
Instruments and related products	9,151	9,171	9,124	-0.2	+0.5	-0.3	9,081	9,181	9,145	9,179	-1.1
Lumber, furniture and											
miscellaneous durable goods	10,993	10,825	10,884	+1.6	-0.5	-0.7	11,354	11,184	11,082	11,427	-0.6
Nondurable goods industries	61,611	61,192	61,160	+0.7	+0.1	+0.4	61,151	61,243	60,890	62,104	-1.5
Food and kindred products	11,394	11,257	11,367	+1.2	-1.0	-1.3	11,473	11,544	11,170	11,348	+1.1
Tobacco products	4,497	4,602	4,588	-2.3	+0.3	+0.7	4,513	4,680	4,455	5,053	-10.7
Textile mill products	2,928	2,915	2,911	+0.4	+0.1	+1.3	2,831	2,833	2,866	2,795	+1.3
Paper and allied products	7,786	7,757	7,803	+0.4	-0.6	+1.2	7,747	7,725	7,807	7,896	-1.9
Chemicals and allied products	15,500	15,339	15,239	+1.0	+0.7	-0.4	15,334	15,220	15,212	15,390	-0.4
Petroleum and coal products	3,654	3,553	3,456	+2.8	+2.8	+5.4	3,668	3,587	3,439	3,583	+2.4
Rubber and plastics products	7,166	7,094	7,108	+1.0	-0.2	+0.9	7,123	7,042	7,113	6,905	+3.2
Apparel, printing and publishing											
and leather goods	8,686	8,675	8,688	+0.1	-0.1	+0.9	8,462	8,612	8,828	9,134	-7.4
WORK IN PROCESS											
All manufacturing industries	146,603	146,218	145,587	+0.3	+0.4	+0.2	148,365	147,837	145,919	153,935	-3.6
Durable goods industries	115,696	115,659	115,393	0.0	+0.2	+0.1	116,776	116,330	115,611	123,475	-5.4
Stone, clay, and glass products	1,578	1,576	1,531	+0.1	+2.9	+1.0	1,472	1,503	1,499	1,260	+16.8
Primary metals	8,279	8,208	8,094	+0.9	+1.4	-0.3	8,196	8,136	8,080	8,540	-4.0
Fabricated metal products	9,050	9,102	9,042	-0.6	+0.7	+0.8	9,107	9,180	9,130	9,251	-1.6
Industrial machinery and equipment	21,419	21,572	21,336	-0.7	+1.1	-1.1	21,734	21,714	21,269	23,103	-5.9
Electronic and other											
electrical equipment	13,982	14,054	13,987	-0.5	+0.5	-0.5	13,935	14,041	13,909	13,939	0.0
Transportation equipment	45,444	45,333	45,614	+0.2	-0.6	+0.4	46,378	45,997	45,934	52,094	-11.0
Instruments and related products	10,159	10,147	10,161	+0.1	-0.1	+1.4	10,231	10,106	10,079	10,055	+1.8
Lumber, furniture and											
miscellaneous durable goods	5,785	5,667	5,628	+2.1	+0.7	+1.3	5,723	5,653	5,711	5,233	+9.4
Nondurable goods industries	30,907	30,559	30,194	+1.1	+1.2	+0.7	31,589	31,507	30,308	30,460	+3.7
Food and kindred products	6,302	6,257	6,116	+0.7	+2.3	+0.1	6,943	7,008	6,125	6,377	+8.9
Tobacco products	121	106	87	+14.2	+21.8	+11.5	148	122	86	105	+41.0
Textile mill products	2,463	2,457	2,448	+0.2	+0.4	+1.2	2,466	2,471	2,462	2,613	-5.6
Paper and allied products	1,786	1,735	1,711	+2.9	+1.4	+2.8	1,713	1,645	1,689	1,500	+14.2
Chemicals and allied products	8,903	8,967	8,918	-0.7	+0.5	+0.7	8,893	8,970	8,801	9,190	-3.2
Petroleum and coal products	3,155	2,892	2,901	+9.1	-0.3	+1.6	3,208	2,966	2,975	2,479	+29.4
Rubber and plastics products	2,243	2,259	2,281	-0.7	-1.0	+0.9	2,270	2,277	2,282	2,275	-0.2
Apparel, printing and publishing											
and leather goods	5,934	5,886	5,732	+0.8	+2.7	+0.1	5,948	6,048	5,888	5,921	+0.5
FINISHED GOODS											
All manufacturing industries	167,383	167,240	165,932	+0.1	+0.8	+0.1	166,845	166,366	164,429	161,995	+3.0
Durable goods industries	85,079	84,917	84,518	+0.2	+0.5	-0.2	84,385	83,803	82,856	81,609	+3.4
Stone, clay, and glass products	4,971	5,002	4,924	-0.6	+1.6	-0.8	4,772	4,732	4,751	4,594	+3.9
Primary metals	8,258	8,235	8,130	+0.3	+1.3	-0.1	8,168	8,062	8,022	8,093	+0.9
Fabricated metal products	11,670	11,593	11,456	+0.7	+1.2	-0.2	11,353	11,261	11,074	10,924	+3.9
Industrial machinery and equipment	18,645	18,485	18,666	+0.9	-1.0	+0.7	18,799	18,251	18,106	18,551	+1.3
Electronic and other											
electrical equipment	11,631	11,665	11,326	-0.3	+3.0	+2.6	11,685	11,731	11,018	10,649	+9.7
Transportation equipment	9,907	9,834	9,876	+0.7	-0.4	-3.4	9,874	9,782	9,913	9,584	+3.0
Instruments and related products	7,725	7,740	7,813	-0.2	-0.9	-0.9	7,831	7,910	7,882	7,595	+3.1
Lumber, furniture and											
miscellaneous durable goods	12,272	12,363	12,327	-0.7	+0.3	-0.7	11,903	12,074	12,090	11,619	+2.4
Nondurable goods industries	82,304	82,323	81,414	0.0	+1.1	+0.5	82,460	82,563	81,573	80,386	+2.6
Food and kindred products	21,105	21,255	20,656	-0.7	+2.9	+1.3	21,955	22,386	21,565	21,087	+4.1
Tobacco products	451	456	502	-1.1	-9.2	-2.7	643	564	473	986	-34.8
Textile mill products	4,698	4,699	4,753	0.0	-1.1	+0.4	4,571	4,596	4,647	4,553	+0.4
Paper and allied products	6,568	6,633	6,619	-1.0	+0.2	+1.0	6,499	6,519	6,507	6,855	-5.2
Chemicals and allied products	23,047	22,597	22,389	+2.0	+0.9	-0.3	22,967	22,162	21,913	21,963	+4.6
Petroleum and coal products	5,375	5,607	5,530	-4.1	+1.4	+1.4	5,530	5,731	5,692	5,047	+9.6
Rubber and plastics products	8,355	8,361	8,103	-0.1	+3.2	+1.8	8,138	8,070	7,764	7,387	+10.2
Apparel, printing and publishing											
and leather goods	12,705	12,715	12,862	-0.1	-1.1	-0.7	12,157	12,535	13,012	12,508	-2.8

^P Preliminary. ^r Revised.

See note at end of table 2 relating to survey error and revision.

Table 8. RATIOS OF MANUFACTURERS' INVENTORIES TO SHIPMENTS AND UNFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP
(Based on seasonally adjusted data)

Industry	Inventory / Shipments ratio				Unfilled Orders / Shipments ratio ¹			
	Nov. 1999 ^p	Oct. 1999 ^r	Sept. 1999	Aug. 1999	Nov. 1999 ^p	Oct. 1999 ^r	Sept. 1999	Aug. 1999
All manufacturing industries	1.29	1.30	1.30	1.28	2.55	2.57	2.58	2.53
Durable goods industries	1.45	1.45	1.45	1.42	2.97	2.99	3.02	2.95
Stone, clay, and glass products	1.09	1.11	1.10	1.10	0.72	0.73	0.71	0.70
Primary metals	1.55	1.57	1.55	1.56	2.09	2.13	2.10	2.10
Fabricated metal products	1.51	1.55	1.53	1.49	1.26	1.30	1.30	1.29
Industrial machinery and equipment	1.56	1.52	1.59	1.55	2.19	2.14	2.24	2.15
Electronic and other electrical equipment	1.20	1.21	1.18	1.17	2.25	2.19	2.14	2.04
Transportation equipment	1.46	1.48	1.46	1.39	8.60	8.78	8.77	8.23
Instruments and related products	1.80	1.82	1.83	1.87	3.04	3.09	3.13	3.23
Nondurable goods industries	1.09	1.10	1.10	1.10	0.67	0.68	0.67	0.67
Food and kindred products	0.91	0.92	0.91	0.91	(X)	(X)	(X)	(X)
Tobacco products	1.10	1.15	1.21	1.21	(X)	(X)	(X)	(X)
Textile mill products	1.54	1.52	1.56	1.54	(NA)	(NA)	(NA)	(NA)
Paper and allied products	1.14	1.17	1.17	1.14	(NA)	(NA)	(NA)	(NA)
Chemicals and allied products	1.32	1.32	1.33	1.33	(X)	(X)	(X)	(X)
Petroleum and coal products	0.74	0.77	0.76	0.76	(X)	(X)	(X)	(X)
Rubber and plastics products	1.24	1.28	1.28	1.25	(X)	(X)	(X)	(X)

^p Preliminary. ^r Revised. (X) Not applicable. (NA) Not available.

¹ 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		
	Nov. ¹ 1999	Nov. ² 1994-1998	Nov. 1998-Oct. 1999	Nov. ¹ 1999	Nov. ² 1994-1998	Nov. 1998-Oct. 1999	Nov. ¹ 1999	Nov. ² 1994-1998	Nov. 1998-Oct. 1999	Nov. ¹ 1999	Nov. ² 1994-1998	Nov. 1998-Oct. 1999
All manufacturing industries	(X)	0.2	0.1	(X)	0.1	0.2	(X)	0.1	0.1	(X)	0.0	0.0
Durable goods industries	-0.5	0.2	0.1	-2.4	0.3	0.4	-0.3	0.1	0.1	(X)	0.0	0.0
Stone, clay, and glass products	(X)	0.5	0.3	(X)	0.5	0.4	(X)	0.5	0.5	(X)	0.2	0.2
Primary metals	-3.1	0.4	0.2	-2.7	0.5	0.8	-0.1	0.2	0.3	(X)	0.1	0.1
Fabricated metal products	(X)	0.5	0.2	(X)	0.4	0.5	(X)	0.4	0.3	(X)	0.2	0.1
Industrial machinery and equipment	6.5	0.5	0.4	3.7	0.7	0.3	0.2	0.1	0.1	(X)	0.1	0.1
Electronic and other electrical equipment	-3.4	0.7	0.4	-19.1	0.9	1.6	-4.5	0.6	0.7	(X)	0.1	0.2
Transportation equipment	-2.8	0.4	0.5	3.4	0.5	0.8	0.8	0.1	0.1	(X)	0.1	0.1
Instruments and related products	(X)	0.3	0.5	(X)	1.2	1.0	(X)	0.3	0.3	(X)	0.1	0.1
Nondurable goods industries	(X)	0.1	0.1	(X)	0.2	0.1	(X)	0.1	0.2	(X)	0.1	0.1
Food and kindred products	(X)	0.1	0.2	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.2
Tobacco products	(X)	0.1	0.1	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.1
Textile mill products	(X)	0.3	0.2	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	0.2	0.1
Paper and allied products	(X)	0.2	0.2	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	0.1	0.1
Chemicals and allied products	(X)	0.4	0.2	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.2	0.1
Petroleum and coal products	(X)	0.3	0.5	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.4
Rubber and plastics products	(X)	0.5	0.2	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.2
Capital goods industries :												
Nondefense	5.1	0.5	0.2	4.0	0.7	0.5	0.3	0.1	0.1	(X)	0.1	0.1
Defense	-8.0	0.7	0.6	56.2	2.4	4.5	1.9	0.2	0.3	(X)	0.2	0.2

(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.

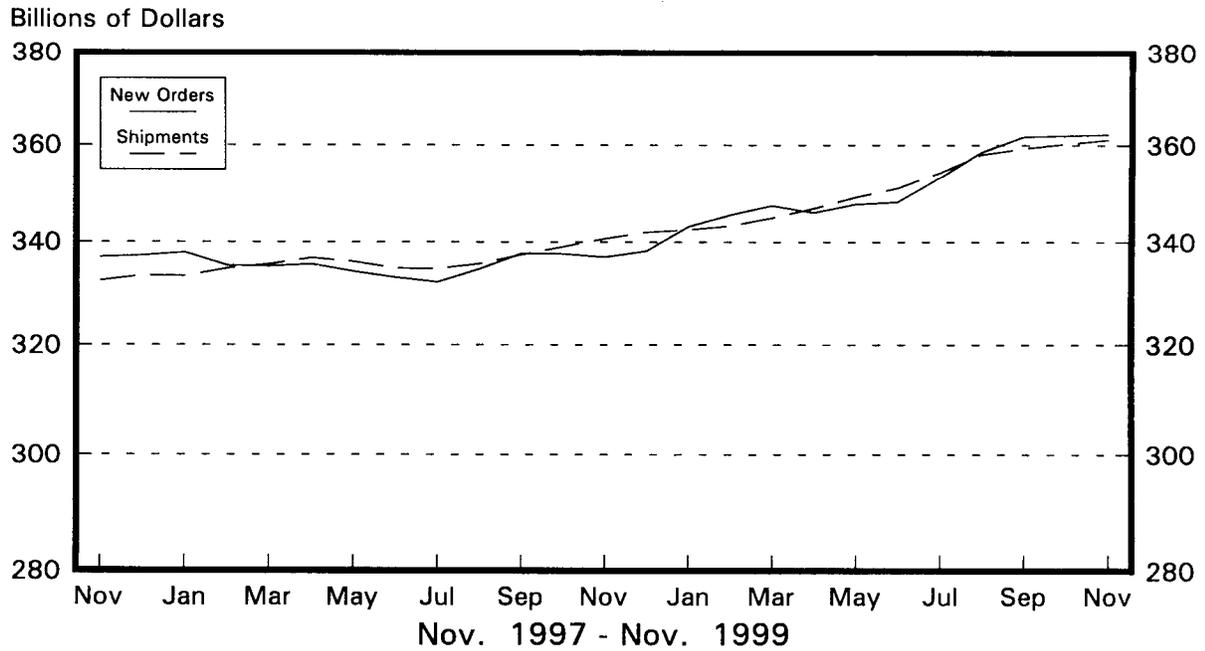
¹ The current month revisions are the difference between the advance percent change and the percent change as shown in this publication.

² Average for this month for the last five years.

See note at end of table 2 relating to survey error and revision.

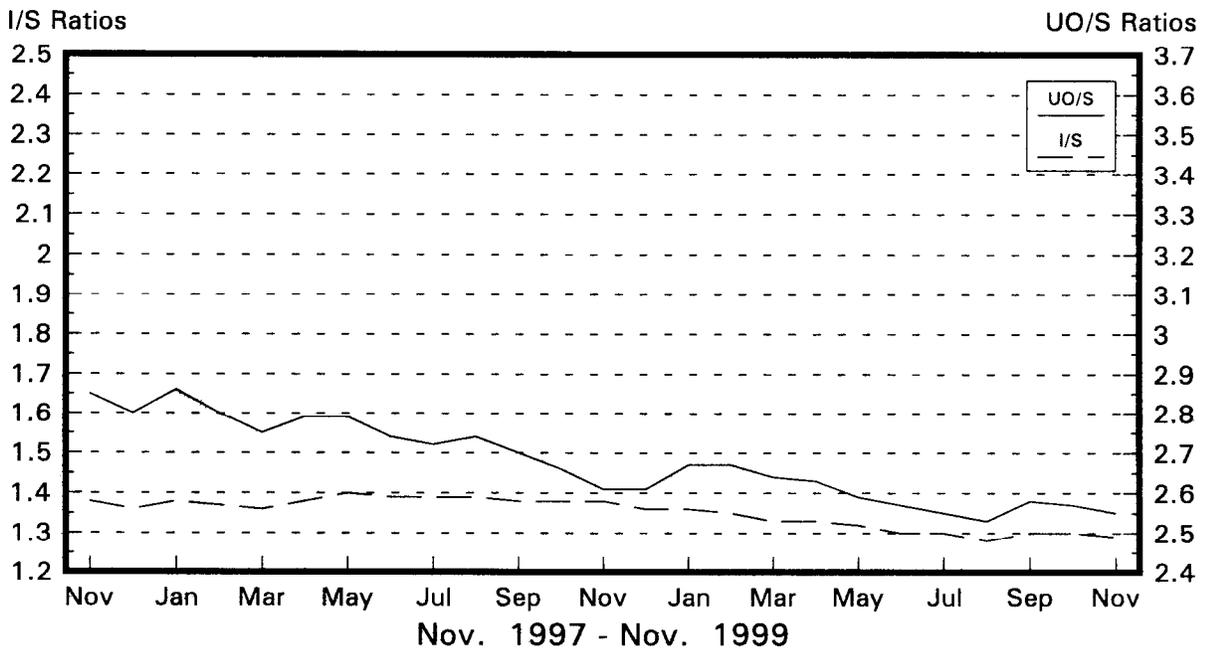
Total Manufacturing

New Orders and Shipments
Three Month Moving Averages



Total Manufacturing

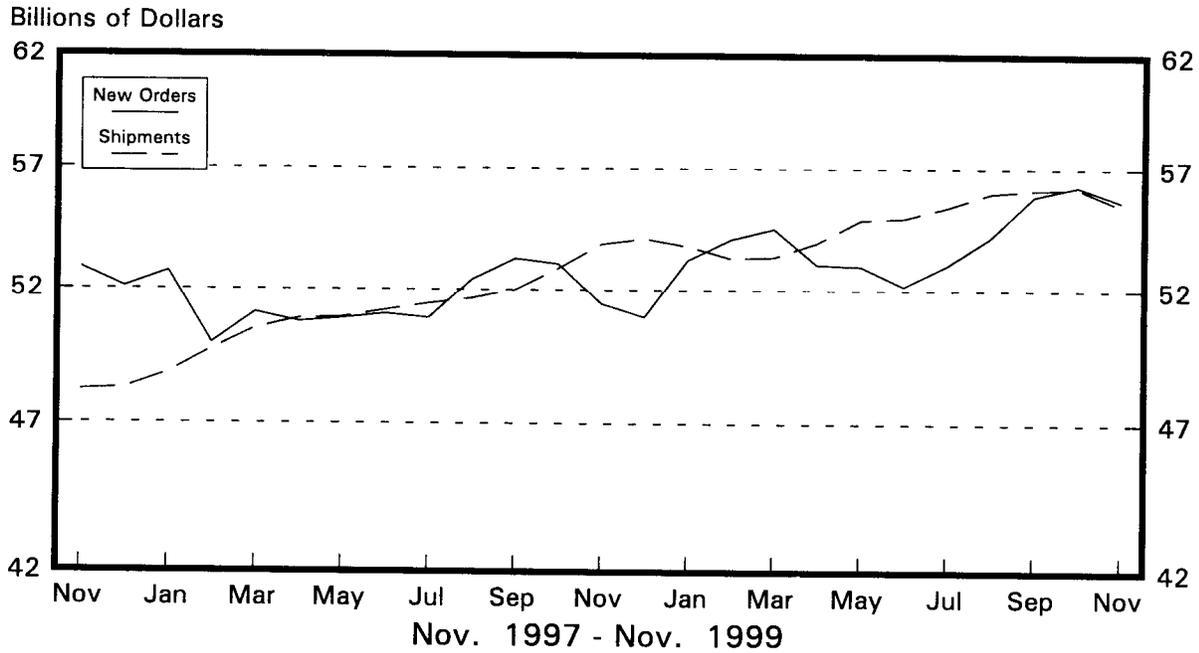
Ratio of Unfilled Orders and
Inventories to Shipments



Note: All Charts based on seasonally adjusted current dollars.

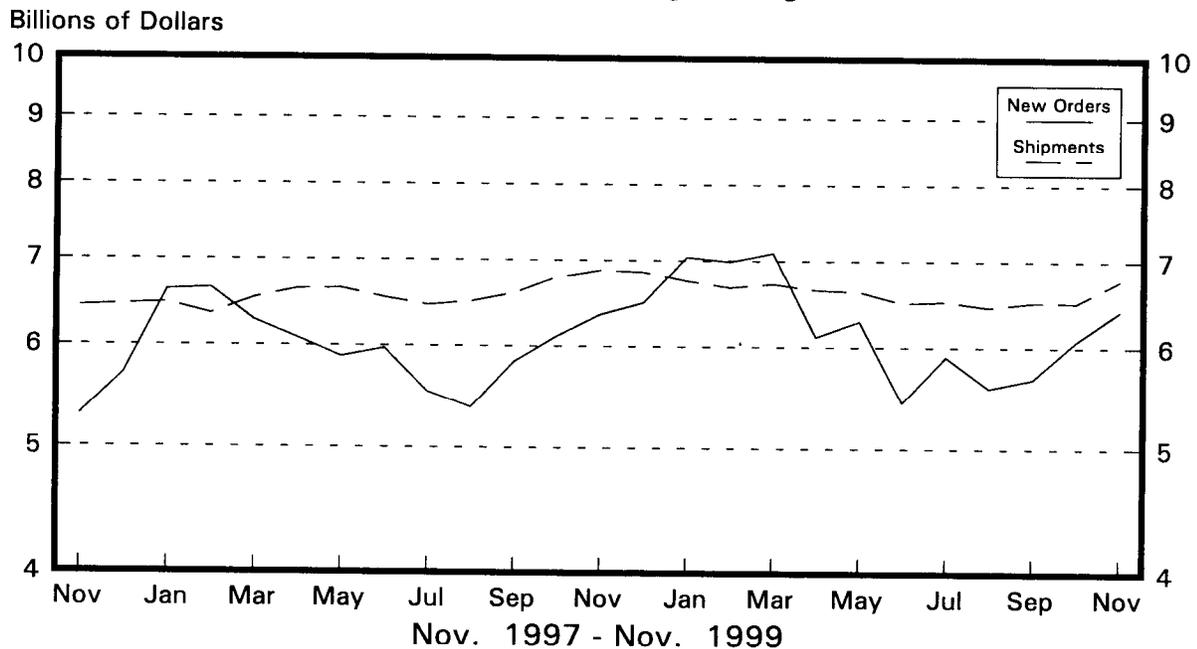
Nondefense Capital Goods

New Orders and Shipments
Three Month Moving Averages



Defense Capital Goods

New Orders and Shipments
Three Month Moving Averages



Note: All Charts based on seasonally adjusted current dollars.