



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 December increased \$12.1 billion or 3.3 percent to \$377.8 billion, the Department of Commerce, Bureau of the Census reported today. This follows a 1.4 percent November increase and is the largest increase since December 1992. Excluding transportation, new orders increased 1.0 percent. New orders for 1999 are 6.0 percent above 1998.

Shipments increased \$2.4 billion or 0.7 percent to \$367.4 billion, following a 1.3 percent November increase. This is the seventh increase in the last eight months. Shipments for 1999 are 5.1 percent above 1998.

Unfilled orders increased \$10.4 billion or 2.0 percent to \$537.0 billion, following a 0.1 percent November increase. This is the sixth consecutive increase and the largest since November 1997. The unfilled orders-to-shipments ratio was 2.58, up from 2.54 in November.

Inventories increased \$1.1 billion or 0.2 percent to \$471.0 billion, following a 0.5 percent November increase. This is the fourth consecutive increase. The inventories-to-shipments ratio was 1.28, down from 1.29 in November.

New Orders

New orders for manufactured durable goods in December increased \$11.3 billion or 5.5 percent to \$216.1 billion, revised from the previously published 4.1 percent increase. This follows a 1.2 percent November increase and is the largest increase since December 1992.

Transportation equipment had the largest increase, \$9.0 billion or 20.0 percent to \$53.9 billion; all component industries increased, led by aircraft and parts. This is the largest increase since November 1997. Electronic and other electrical equipment, up six of the last seven months, increased \$2.4 billion or 6.0 percent to \$41.7 billion. Instruments and related products increased \$1.1 billion or 7.3 percent to \$15.9 billion. This is the largest increase since September 1998. Industrial machinery and equipment, down six of the last eight months, decreased \$1.3 billion or 3.2 percent to \$38.1 billion.

New orders for nondurable goods, up seven of the last eight months, increased \$0.9 billion or 0.5 percent to \$161.7 billion. Petroleum and coal products had the largest increase.

Shipments

Shipments of durable goods in December increased \$1.3 billion or 0.6 percent to \$205.8 billion, revised from the previously published 0.7 percent increase. This is the seventh increase in the last eight months.

Transportation equipment had the largest increase, \$1.6 billion or 3.4 percent to \$50.0 billion; all component industries increased, led by motor vehicles and parts. Electronic and other electrical equipment increased \$0.4 billion or 1.1 percent to \$36.0 billion. Industrial machinery and equipment, down four of the last five months, decreased \$0.6 billion or 1.6 percent to \$38.4 billion.

Shipments of nondurable goods increased \$1.1 billion or 0.7 percent to \$161.6 billion. This is the eighth consecutive increase. Petroleum and coal products, up ten of the last eleven months, increased \$0.5 billion or 3.1 percent to \$17.2 billion.

Unfilled Orders

Unfilled orders for durable goods in December increased \$10.3 billion or 2.1 percent to \$511.2 billion, revised from the previously published 1.5 percent increase. This is the sixth consecutive monthly increase and the largest since November 1997. Electronic and other electrical equipment, up thirteen consecutive months, had the largest increase, \$5.7 billion or 7.1 percent to \$85.9 billion. This is the largest increase since August 1997. Transportation equipment, up for the first time since January, increased \$3.9 billion or 1.8 percent to \$225.8 billion. Instruments and related products, up for the first time since May, increased \$0.9 billion or 2.1 percent to \$46.6 billion. This is the largest increase since July 1997. Industrial machinery and equipment, down for the first time since June, decreased \$0.4 billion or 0.4 percent to \$80.9 billion.

Inventories

Inventories of durable goods in December increased \$0.4 billion or 0.1 percent to \$295.3 billion. This is the fourth consecutive increase.

Electronic and other electrical equipment had the largest increase, \$1.0 billion or 2.4 percent to \$43.7 billion. This is the fourth consecutive increase and the largest since December 1983. Industrial machinery and equipment, up four of the last five months, increased \$0.3 billion or 0.5 percent to \$60.8 billion. Transportation equipment, down four of the last five months, decreased \$1.5 billion or 2.1 percent to \$68.9 billion.

Inventories of nondurable goods, up nine of the last ten months, increased \$0.8 billion or 0.4 percent to \$175.6 billion. Chemicals and allied products had the largest increase, \$0.3 billion or 0.6 percent to \$47.7 billion.

By stage of fabrication, December finished goods increased 0.7 percent in durables and 0.4 percent in nondurables. Work in process decreased 1.5 percent in durables and 0.2 percent in nondurables. Materials and supplies increased 1.5 percent in durables and 0.8 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	
	Dec. 1999 ^P	Nov. 1999 ^F	Oct. 1999	Nov.-Dec.	Oct.-Nov.	Sept.-Oct.	Dec. 1999 ^P	Nov. 1999 ^F	Oct. 1999	Dec. 1998		Dec. 99/98	1999 ^P
All manufacturing industries	367,353	364,971	360,201	+0.7	+1.3	+0.4	365,470	364,779	369,691	342,295	+6.8	4,259,076	4,052,248
Manufacturing Industries													
with unfilled orders	208,259	207,251	204,951	+0.5	+1.1	+0.7	215,009	208,276	207,995	204,497	+5.1	2,429,685	2,334,618
without defense capital goods	360,935	357,815	353,632	+0.9	+1.2	+0.4	358,083	357,046	363,160	334,709	+7.0	4,179,818	3,972,576
Durable goods industries	205,752	204,430	202,306	+0.6	+1.0	+0.2	208,973	203,877	206,861	198,280	+5.4	2,407,227	2,275,987
With unfilled orders	169,630	168,782	167,223	+0.5	+0.9	+0.9	176,783	168,838	168,935	167,916	+5.3	1,978,811	1,885,223
Stone, clay, and glass products	8,976	9,003	8,873	-0.3	+1.5	+0.1	8,043	8,893	9,442	7,402	+8.7	103,859	96,193
Primary metals	15,672	15,574	15,191	+0.6	+2.5	-0.7	14,368	15,167	15,539	12,997	+10.5	178,387	180,973
Blast furnaces, steel mills	6,039	6,059	5,893	-0.3	+2.8	+1.4	5,533	5,817	6,024	4,900	+12.9	68,712	72,767
Iron and steel foundries	1,575	1,510	1,468	+4.3	+2.9	-4.7	1,348	1,456	1,554	1,323	+1.9	18,324	18,095
Nonferrous and other primary metals	8,058	8,005	7,830	+0.7	+2.2	-1.4	7,487	7,894	7,961	6,774	+10.5	91,351	90,111
Fabricated metal products	20,558	20,713	20,281	-0.7	+2.1	-0.5	19,129	20,654	21,336	19,152	-0.1	245,779	239,667
Industrial machinery and equipment	38,438	39,075	39,471	-1.6	-1.0	+4.6	41,812	36,757	38,305	40,163	+4.1	454,927	442,316
Engines and turbines	2,622	2,677	2,620	-2.1	+2.2	-3.2	3,276	2,664	2,526	2,900	+13.0	30,295	27,162
Farm and garden machinery	1,816	1,755	1,571	+3.5	+11.7	-6.9	1,347	1,224	1,402	1,270	+6.1	21,766	23,792
Construction, mining and material handling equipment	3,737	3,690	3,698	+1.3	-0.2	-2.5	3,598	3,392	3,636	3,849	-6.5	46,043	50,438
Metalworking machinery	3,879	3,832	3,992	+1.2	-4.0	+4.0	4,087	4,306	4,486	3,673	+11.3	44,318	42,025
Computer and office equipment	10,880	12,036	12,892	-9.6	-6.6	+16.0	14,160	11,187	11,468	14,670	-3.5	138,650	129,875
Electronic and other electrical equipment	36,009	35,605	34,860	+1.1	+2.1	-1.3	40,753	36,912	34,795	36,962	+10.3	413,140	375,970
Electrical transmission and distribution equipment and industrial apparatus	3,938	3,876	3,754	+1.6	+3.2	-4.6	3,948	3,705	3,602	3,808	+3.7	45,936	44,152
Household appliances	2,363	2,425	2,348	-2.6	+3.3	+5.7	2,297	2,358	2,302	2,204	+4.2	28,241	25,184
Electric lighting and wiring equipment	2,658	2,556	2,490	+4.0	+2.7	-1.8	2,948	2,655	2,433	2,622	+12.4	29,394	27,089
Household audio and video equipment	936	975	995	-4.0	-2.0	-6.2	919	1,201	1,266	1,123	-18.2	12,520	12,386
Communications equipment	8,719	8,587	8,547	+1.5	+0.5	-3.9	12,173	8,524	7,985	10,708	+13.7	101,383	86,198
Electronic components	15,053	14,985	14,570	+0.5	+2.8	+1.7	16,154	15,794	14,757	14,293	+13.0	168,383	154,479
Transportation equipment	49,950	48,326	47,659	+3.4	+1.4	-1.8	48,573	49,461	51,055	46,660	+4.1	583,568	536,896
Motor vehicles and parts	33,963	33,239	32,898	+2.2	+1.0	-3.0	29,983	33,932	36,628	28,329	+5.8	399,681	359,560
Aircraft, missiles, space vehicles, and parts	11,759	11,477	11,493	+2.5	-0.1	+5.5	14,393	11,954	11,112	14,685	-2.0	141,620	138,223
Shipbuilding and tanks	1,025	1,003	973	+2.2	+3.1	-20.0	1,254	1,022	943	1,090	+15.0	12,126	12,289
Instruments and related products	14,952	14,992	14,834	-0.3	+1.1	+0.3	16,109	15,110	14,506	15,423	+4.4	174,385	168,952
Search and navigation equipment	3,125	3,099	3,171	+0.8	-2.3	+1.7	3,425	3,109	3,080	3,508	-2.4	37,703	37,006
Measuring and controlling devices	4,535	4,471	4,409	+1.4	+1.4	+2.4	4,841	4,516	4,349	4,228	+14.5	50,898	48,758
Medical instruments and supplies	4,808	4,894	4,842	-1.8	+1.1	-2.7	5,293	4,777	4,575	5,328	-0.7	57,557	54,215
Photographic goods	1,984	2,028	1,911	-2.2	+6.1	+0.7	2,069	2,212	2,012	1,909	+8.4	22,369	23,482
All other durable goods	21,197	21,142	21,137	+0.3	0.0	+0.9	20,186	20,923	21,883	19,521	+3.4	253,181	235,020
Nondurable goods industries	161,601	160,541	157,895	+0.7	+1.7	+0.7	156,497	160,902	162,830	144,015	+8.7	1,851,849	1,776,261
With unfilled orders	38,629	38,469	37,728	+0.4	+2.0	0.0	38,226	39,438	39,060	36,581	+4.5	450,874	449,395
Food and kindred products	42,525	42,363	42,292	+0.4	+0.2	+0.4	41,910	43,223	43,792	40,952	+2.3	501,159	490,365
Meat products	9,511	9,440	9,431	+0.8	+0.1	+2.4	9,412	9,630	9,700	8,391	+12.2	107,909	104,372
Dairy products	6,664	6,564	6,432	+1.8	+1.8	-1.6	6,689	6,785	6,283	6,868	-2.6	77,704	75,048
Beverages	6,400	6,475	6,458	-1.2	+0.3	+0.9	5,943	6,188	6,466	5,753	+3.3	76,079	73,096
All other foods, except fats and oils	18,057	18,040	18,069	+0.1	-0.2	-0.7	17,973	18,758	19,441	17,784	+1.1	217,311	212,897
Tobacco products	4,388	4,475	4,500	-1.9	-0.6	+5.3	4,016	4,612	4,522	3,912	+2.7	50,551	41,625
Textile mill products	6,568	6,545	6,638	+0.4	-1.4	+2.1	5,934	6,590	7,003	5,825	+1.9	78,325	80,624
Broadwoven fabrics and other textiles	3,718	3,681	3,642	+1.0	+1.1	+0.9	3,525	3,588	3,698	3,561	-1.0	44,452	48,537
Paper and allied products	14,364	14,268	13,781	+0.7	+3.5	0.0	14,028	14,095	14,081	13,287	+5.6	164,491	165,429
Pulp, paper, and paperboard mill products	5,675	5,637	5,247	+0.7	+7.4	-2.1	5,581	5,619	5,334	4,973	+12.2	63,530	63,657
Paperboard containers and boxes	3,698	3,632	3,637	+1.8	-0.1	+2.7	3,512	3,588	3,792	3,361	+4.5	41,448	42,900
Miscellaneous converted paper products	4,991	4,999	4,897	-0.2	+2.1	+0.5	4,935	4,888	4,955	4,953	-0.4	59,513	58,872
Chemicals and allied products	35,962	35,937	35,552	+0.1	+1.1	+1.5	35,661	34,579	35,055	33,291	+7.1	413,480	391,700
Industrial chemicals	16,212	16,215	16,042	0.0	+1.1	+2.3	15,674	15,843	15,879	14,189	+10.5	183,399	179,798
Drugs, soaps, and toiletries	15,720	15,747	15,675	-0.2	+0.5	+1.3	16,571	15,513	15,849	15,814	+4.8	183,359	165,625
Petroleum and coal products	17,154	16,634	15,627	+3.1	+6.4	-0.2	16,748	16,755	16,531	10,673	+56.9	170,822	145,673
Rubber and plastics products	14,455	14,339	13,811	+0.8	+3.8	+0.8	13,012	13,816	14,358	12,007	+8.4	164,688	158,156
All other nondurable goods	26,185	25,980	25,694	+0.8	+1.1	-0.1	25,188	27,232	27,488	24,068	+4.7	308,333	302,689

^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.

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	
	Dec. 1999 ^P	Nov. 1999 ^F	Oct. 1999	Nov.-Dec.	Oct.-Nov.	Sept.-Oct.	Dec. 1999 ^P	Nov. 1999 ^F	Oct. 1999	Dec. 1998		Dec. 99/98	1999 ^P
All manufacturing industries	377,761	365,612	360,725	+3.3	+1.4	0.0	374,558	361,933	373,387	340,465	+10.0	4,277,210	4,033,676
Manufacturing industries with unfilled orders	218,667	207,892	205,475	+5.2	+1.2	-0.1	224,097	205,430	211,691	202,667	+10.6	2,447,819	2,316,046
without defense capital goods	369,472	359,522	353,054	+2.8	+1.8	-0.7	363,210	355,584	365,349	330,127	+10.0	4,200,201	3,960,507
Durable goods industries	216,092	204,799	202,442	+5.5	+1.2	-0.9	218,244	200,811	210,891	196,922	+10.8	2,423,320	2,259,693
With unfilled orders	179,970	169,151	167,359	+6.4	+1.1	-0.5	186,054	165,772	172,965	166,558	+11.7	1,994,904	1,868,929
Stone, clay, and glass products	8,965	9,133	8,999	-1.8	+1.5	+0.5	8,068	8,995	9,496	7,405	+9.0	104,016	96,088
Primary metals	15,359	15,540	15,440	-1.2	+0.6	-0.1	14,862	15,172	15,049	13,768	+7.9	180,743	175,482
Blast furnaces, steel mills	5,857	6,315	6,027	-7.3	+4.8	+1.6	5,760	6,150	5,796	5,268	+9.3	70,336	69,444
Iron and steel foundries	1,628	1,362	1,455	+19.5	-6.4	+0.7	1,470	1,290	1,534	1,293	+13.7	17,646	17,971
Nonferrous and other primary metals	7,874	7,863	7,958	+0.1	-1.2	-1.6	7,632	7,732	7,719	7,207	+5.9	92,761	88,067
Fabricated metal products	20,895	20,619	20,060	+1.3	+2.8	-0.5	19,493	20,280	20,860	19,079	+2.2	244,922	238,751
Industrial machinery and equipment	38,086	39,347	39,666	-3.2	-0.8	+1.5	40,907	37,631	39,045	40,982	-0.2	461,408	443,332
Engines and turbines	2,655	2,784	2,789	-4.6	-0.2	-26.5	3,236	2,903	3,055	4,202	-23.0	36,353	33,353
Construction, mining and material handling equipment	3,667	3,965	3,572	-7.5	+11.0	-0.4	3,652	3,707	3,545	4,072	-10.3	45,024	49,705
Metalworking machinery	3,577	3,534	3,914	+1.2	-9.7	-1.2	3,785	4,008	4,408	3,361	+12.6	44,326	41,322
Computer and office equipment	11,560	11,981	12,754	-3.5	-6.1	+15.8	14,557	11,211	11,332	14,761	-1.4	139,442	130,184
Electronic and other electrical equipment	41,722	39,352	35,884	+6.0	+9.7	-7.4	43,612	38,015	40,323	34,946	+24.8	439,002	380,470
Electrical transmission and distribution equipment and industrial apparatus	3,997	3,971	3,896	+0.7	+1.9	-0.2	3,943	3,712	3,835	3,740	+5.4	46,675	43,815
Electric lighting and wiring equipment	2,730	2,461	2,571	+10.9	-4.3	+14.7	3,020	2,560	2,514	2,725	+10.8	29,439	27,184
Communications equipment	11,255	9,747	10,839	+15.5	-10.1	+5.6	14,871	9,951	10,991	10,472	+42.0	110,200	88,924
Electronic components	17,973	17,627	12,971	+2.0	+35.9	-22.8	16,227	15,852	16,682	12,526	+29.5	185,037	156,594
Transportation equipment	53,857	44,899	46,800	+20.0	-4.1	+0.4	53,798	45,416	49,951	46,056	+16.8	565,917	524,963
Aircraft, missiles, space vehicles, and parts	13,713	8,629	10,408	+58.9	-17.1	+9.8	17,577	8,592	9,935	11,637	+51.0	126,728	124,111
Shipbuilding and tanks	2,442	1,049	1,002	132.8	+4.7	+27.6	2,562	1,044	948	2,420	+5.9	12,410	13,181
Instruments and related products	15,900	14,816	14,362	+7.3	+3.2	-0.5	17,759	14,690	14,045	15,629	+13.6	173,924	166,008
Search and navigation equipment	3,516	2,846	2,931	+23.5	-2.9	+1.7	4,514	2,785	2,623	3,857	+17.0	36,867	34,191
Measuring and controlling devices	4,771	4,429	4,149	+7.7	+6.7	-4.3	5,077	4,474	4,089	4,318	+17.6	50,824	48,090
Medical instruments and supplies	5,124	4,998	4,837	+2.5	+3.3	+0.3	5,584	4,733	4,813	5,067	+10.2	58,083	55,377
All other durable goods	21,308	21,093	21,231	+1.0	-0.6	+1.5	19,745	20,612	22,122	19,057	+3.6	253,438	234,599
Nondurable goods industries	161,669	160,813	158,283	+0.5	+1.6	+1.1	156,314	161,122	162,496	143,543	+8.9	1,853,890	1,773,983
With unfilled orders	38,697	38,741	38,116	-0.1	+1.6	+1.8	38,043	39,658	38,726	36,109	+5.4	452,915	447,117

^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 Dec. 99/98
	Dec. 1999 ^P	Nov. 1999 ^F	Oct. 1999	Nov.-Dec.	Oct.-Nov.	Sept.-Oct.	Dec. 1999 ^P	Nov. 1999 ^F	Oct. 1999	Dec. 1998	
All manufacturing industries	537,012	526,604	525,963	+2.0	+0.1	+0.1	531,171	522,083	524,929	512,986	+3.5
Manufacturing industries without defense capital goods	443,697	435,160	433,453	+2.0	+0.4	-0.1	437,707	432,580	434,042	417,273	+4.9
Durable goods industries	511,188	500,848	500,479	+2.1	+0.1	0.0	506,184	496,913	499,979	490,040	+3.3
Stone, clay, and glass products	6,302	6,313	6,183	-0.2	+2.1	+2.1	6,228	6,203	6,101	6,071	+2.6
Primary metals	32,016	32,329	32,363	-1.0	-0.1	+0.8	31,203	30,709	30,704	28,847	+8.2
Blast furnaces, steel mills	13,100	13,282	13,026	-1.4	+2.0	+1.0	12,659	12,432	12,099	11,035	+14.7
Iron and steel foundries	4,768	4,715	4,863	+1.1	-3.0	-0.3	4,674	4,552	4,718	5,352	-12.7
Nonferrous and other primary metals	14,148	14,332	14,474	-1.3	-1.0	+0.9	13,870	13,725	13,887	12,460	+11.3
Fabricated metal products	25,046	24,709	24,803	+1.4	-0.4	-0.9	24,577	24,213	24,587	25,434	-3.4
Industrial machinery and equipment	80,928	81,280	81,008	-0.4	+0.3	+0.2	80,922	81,827	80,953	74,441	+8.7
Engines and turbines	24,175	24,142	24,035	+0.1	+0.4	+0.7	24,783	24,823	24,584	18,725	+32.4
Construction, mining and material handling equipment	8,798	8,868	8,593	-0.8	+3.2	-1.4	8,614	8,560	8,245	9,633	-10.6
Metalworking machinery	6,454	6,756	7,054	-4.5	-4.2	-1.1	6,454	6,756	7,054	6,446	+0.1
Computer and office equipment	8,871	8,191	8,246	+8.3	-0.7	-1.6	8,733	8,336	8,312	7,941	+10.0
Electronic and other electrical equipment	85,936	80,223	76,476	+7.1	+4.9	+1.4	83,668	80,809	79,706	57,806	+44.7
Electrical transmission and distribution equipment and industrial apparatus	7,085	7,026	6,931	+0.8	+1.4	+2.1	6,920	6,925	6,918	6,181	+12.0
Electric lighting and wiring equipment	5,067	4,995	5,090	+1.4	-1.9	+1.6	5,067	4,995	5,090	5,022	+0.9
Communications equipment	25,150	22,614	21,454	+11.2	+5.4	+12.0	25,874	23,176	21,749	17,057	+51.7
Electronic components	42,846	39,926	37,284	+7.3	+7.1	-4.1	40,309	40,236	40,178	23,655	+70.4
Transportation equipment	225,843	221,936	225,363	+1.8	-1.5	-0.4	224,933	219,708	223,753	242,584	-7.3
Aircraft, missiles, space vehicles, and parts	189,804	187,850	190,698	+1.0	-1.5	-0.6	189,116	185,932	189,294	204,008	-7.3
Shipbuilding and tanks	19,708	18,291	18,245	+7.7	+0.3	+0.2	19,606	18,298	18,276	19,322	+1.5
Instruments and related products	46,629	45,681	45,857	+2.1	-0.4	-1.0	46,724	45,074	45,494	47,185	-1.0
Search and navigation equipment	25,479	25,088	25,341	+1.6	-1.0	-0.9	25,592	24,503	24,827	26,428	-3.2
Measuring and controlling devices	10,111	9,875	9,917	+2.4	-0.4	-2.6	10,111	9,875	9,917	10,185	-0.7
Medical instruments and supplies	10,112	9,796	9,692	+3.2	+1.1	-0.1	10,112	9,821	9,865	9,586	+5.5
All other durable goods	8,488	8,377	8,426	+1.3	-0.6	+1.1	7,929	8,370	8,681	7,672	+3.3
Nondurable goods industries	25,824	25,756	25,484	+0.3	+1.1	+1.5	24,987	25,170	24,950	22,946	+8.9

^P Preliminary. ^F 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 Dec. 99/98
	Dec. 1999 ^p	Nov. 1999 ^r	Oct. 1999	Nov.- Dec.	Oct.- Nov.	Sept.- Oct.	Dec. 1999 ^p	Nov. 1999 ^r	Oct. 1999	Dec. 1998	
All manufacturing industries	470,951	469,836	467,522	+0.2	+0.5	+0.4	460,856	470,921	468,752	456,330	+1.0
Manufacturing industries with unfilled orders	311,052	310,756	309,267	+0.1	+0.5	+0.1	302,157	310,748	309,363	303,508	-0.4
without defense capital goods	451,772	451,296	449,078	+0.1	+0.5	+0.5	442,196	452,528	450,164	437,311	+1.1
Durable goods industries	295,323	294,970	293,448	+0.1	+0.5	+0.2	287,557	295,759	293,439	287,415	0.0
With unfilled orders	270,056	269,892	268,575	+0.1	+0.5	+0.1	262,485	270,449	268,868	263,500	-0.4
Stone, clay, and glass products	9,899	9,824	9,854	+0.8	-0.3	+1.3	9,708	9,515	9,512	9,103	+6.6
Primary metals	24,231	24,091	23,884	+0.6	+0.9	+1.0	24,436	24,078	23,819	24,797	-1.5
Blast furnaces, steel mills	11,505	11,414	11,325	+0.8	+0.8	+0.7	11,798	11,528	11,384	12,319	-4.2
Iron and steel foundries	1,618	1,620	1,578	-0.1	+2.7	+0.1	1,581	1,574	1,533	1,541	+2.6
Nonferrous and other primary metals	11,108	11,057	10,981	+0.5	+0.7	+1.4	11,057	10,976	10,902	10,937	+1.1
Fabricated metal products	31,536	31,378	31,359	+0.5	+0.1	+0.6	30,990	31,084	31,094	30,278	+2.4
Industrial machinery and equipment	60,791	60,495	59,936	+0.5	+0.9	-0.3	58,676	61,012	59,757	58,415	+0.4
Engines and turbines	4,705	4,649	4,565	+1.2	+1.8	+2.7	4,318	4,861	4,674	3,583	+20.5
Farm and garden machinery	3,851	3,715	3,670	+3.7	+1.2	+1.5	4,089	3,786	3,479	4,062	+0.7
Construction, mining and material handling equipment	8,973	8,917	8,868	+0.6	+0.6	+0.2	8,779	8,906	8,769	8,826	-0.5
Metalworking machinery	8,005	8,023	8,119	-0.2	-1.2	+0.2	7,502	7,903	8,217	7,443	+0.8
Computer and office equipment	9,116	8,888	8,623	+2.6	+3.1	-6.1	8,403	9,050	8,578	8,343	+0.7
Electronic and other electrical equipment	43,694	42,665	42,091	+2.4	+1.4	+1.4	42,074	42,613	42,241	38,377	+9.6
Electrical transmission and distribution equipment and industrial apparatus	5,423	5,371	5,325	+1.0	+0.9	+0.6	5,360	5,447	5,349	5,421	-1.1
Household appliances	2,502	2,436	2,412	+2.7	+1.0	+0.8	2,260	2,362	2,359	2,163	+4.5
Electric lighting and wiring equipment	3,766	3,752	3,763	+0.4	-0.3	+1.9	3,566	3,796	3,843	3,274	+8.9
Household audio and video equipment	1,151	1,123	1,081	+2.5	+3.9	+1.4	1,081	1,111	1,107	952	+13.6
Communications equipment	12,212	11,668	11,168	+4.7	+4.5	+2.3	11,632	11,743	11,222	9,420	+23.5
Electronic components	14,930	14,634	14,691	+2.0	-0.4	+0.9	14,627	14,564	14,723	13,674	+7.0
Transportation equipment	68,912	70,417	70,411	-2.1	0.0	-0.5	66,659	71,334	70,908	73,157	-8.9
Motor vehicles and parts	18,061	17,916	17,638	+0.8	+1.6	+1.3	17,566	18,045	17,559	16,893	+4.0
Aircraft, missiles, space vehicles, and parts	45,006	46,143	46,499	-2.5	-0.8	-1.6	43,406	46,990	47,129	50,776	-14.5
Shipbuilding and tanks	2,326	2,277	2,232	+2.2	+2.0	+0.9	2,297	2,228	2,169	1,920	+19.6
Instruments and related products	27,107	27,062	27,058	+0.2	0.0	-0.1	26,234	27,141	27,197	25,683	+2.1
Search and navigation equipment	6,924	6,989	6,984	-0.9	+0.1	+0.2	6,687	6,950	6,960	6,391	+4.6
Measuring and controlling devices	8,188	8,166	8,195	+0.3	-0.4	-0.4	7,976	8,160	8,183	7,855	+1.5
Medical instruments and supplies	8,930	8,834	8,779	+1.1	+0.6	-0.4	8,699	8,939	8,870	8,244	+5.5
Photographic goods	2,347	2,346	2,359	0.0	-0.6	+1.2	2,162	2,361	2,442	2,454	-11.9
All other durable goods	29,153	29,038	28,855	+0.4	+0.6	+0.1	28,780	28,982	28,911	27,605	+4.3
Nondurable goods industries	175,628	174,866	174,074	+0.4	+0.5	+0.8	173,299	175,162	175,313	168,915	+2.6
With unfilled orders	40,996	40,864	40,692	+0.3	+0.4	+0.2	39,672	40,299	40,495	40,008	-0.8
Food and kindred products	39,060	38,797	38,769	+0.7	+0.1	+1.7	39,294	40,353	40,938	37,488	+4.8
Meat products	4,492	4,481	4,484	+0.2	-0.1	+2.4	4,227	4,442	4,487	3,837	+10.2
Dairy products	3,869	3,879	3,937	-0.3	-1.5	+1.2	3,632	3,747	3,943	3,527	+3.0
Beverages	8,976	8,696	8,654	+3.2	+0.5	+0.6	8,889	8,826	8,875	8,270	+7.5
All other foods, except fats and oils	20,116	20,104	20,003	+0.1	+0.5	+1.8	20,902	21,580	21,821	19,943	+4.8
Tobacco products	5,078	5,075	5,164	+0.1	-1.7	-0.3	5,493	5,304	5,366	6,297	-12.8
Textile mill products	10,154	10,101	10,071	+0.5	+0.3	-0.4	9,741	9,863	9,900	9,756	-0.2
Broadwoven fabrics and other textiles	6,155	6,113	6,090	+0.7	+0.4	-0.4	5,967	6,031	5,992	6,134	-2.7
Paper and allied products	16,059	16,137	16,125	-0.5	+0.1	0.0	15,949	15,958	15,889	16,254	-1.9
Pulp, paper, and paperboard mill products	6,333	6,268	6,299	+1.0	-0.5	-0.4	6,299	6,206	6,214	6,680	-5.7
Paperboard containers and boxes	4,153	4,235	4,243	-1.9	-0.2	+1.5	4,164	4,169	4,164	4,070	+2.3
Miscellaneous converted paper products	5,573	5,634	5,583	-1.1	+0.9	-0.8	5,486	5,583	5,511	5,504	-0.3
Chemicals and allied products	47,697	47,421	46,903	+0.6	+1.1	+0.8	47,169	47,148	46,352	45,696	+3.2
Industrial chemicals	19,587	19,515	19,261	+0.4	+1.3	+0.4	19,760	19,336	18,977	19,910	-0.8
Drugs, soaps, and toiletries	22,138	21,961	21,754	+0.8	+1.0	+1.1	21,432	21,975	21,707	20,000	+7.2
Petroleum and coal products	12,187	12,174	12,052	+0.1	+1.0	+1.4	11,714	12,399	12,284	9,863	+18.8
Rubber and plastics products	17,830	17,769	17,714	+0.3	+0.3	+1.3	17,708	17,532	17,389	16,597	+6.7
All other nondurable goods	27,563	27,392	27,276	+0.6	+0.4	0.0	26,231	26,605	27,195	26,964	-2.7

^p 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	
	Dec. 1999 ^p	Nov. 1999 ^r	Oct. 1999	Nov.-Dec.	Oct.-Nov.	Sept.-Oct.	Dec. 1999 ^p	Nov. 1999 ^r	Oct. 1999	Dec. 1998		Dec. 99/98	1999 ^p
SHIPMENTS													
All manufacturing industries	367,353	364,971	360,201	+0.7	+1.3	+0.4	365,470	364,779	369,691	342,295	+6.8	4,259,076	4,052,248
Market categories :													
Automotive equipment	16,786	16,403	16,092	+2.3	+1.9	-3.0	14,886	16,753	17,940	13,775	+8.1	195,451	174,876
Home goods and apparel	20,397	20,223	20,070	+0.9	+0.8	+1.8	18,324	20,887	21,987	17,296	+5.9	239,497	226,968
Consumer staples	77,320	77,015	76,119	+0.4	+1.2	+0.7	77,237	77,970	78,185	71,044	+8.7	887,435	830,771
Machinery and equipment	69,516	68,160	68,807	+2.0	-0.9	+1.3	77,479	66,393	68,189	74,549	+3.9	816,768	776,424
Business supplies	27,552	27,521	26,995	+0.1	+1.9	+0.4	27,276	28,082	27,723	25,402	+7.4	319,309	305,988
Construction materials and supplies	23,795	23,637	23,253	+0.7	+1.7	-0.5	22,065	23,100	24,243	20,657	+6.8	277,271	260,244
Defense products	6,660	7,468	6,822	-10.8	+9.5	+1.5	7,470	7,980	6,741	7,720	-3.2	82,077	83,246
Other materials, supplies and intermediate products	125,327	124,544	122,043	+0.6	+2.0	+0.1	120,733	123,614	124,683	111,852	+7.9	1,441,268	1,393,731
Durable goods industries :													
Nondefense capital goods ³	56,386	55,238	56,295	+2.1	-1.9	+2.6	66,365	53,289	53,981	63,431	+4.6	659,952	624,534
Excluding aircraft and parts	48,045	47,911	48,329	+0.3	-0.9	+2.0	55,993	46,014	46,414	52,789	+6.1	561,196	528,855
Defense capital goods ⁴	6,418	7,156	6,569	-10.3	+8.9	+1.8	7,387	7,733	6,531	7,586	-2.6	79,258	79,672
Durables excluding capital goods	142,948	142,036	139,442	+0.6	+1.9	-0.8	135,221	142,855	146,349	127,263	+6.3	1,668,017	1,571,781
Miscellaneous series :													
Producers' durable equipment	133,709	131,947	131,711	+1.3	+0.2	+0.6	137,599	130,972	134,668	131,736	+4.5	1,569,789	1,476,942
Household durable goods	10,786	10,776	10,521	+0.1	+2.4	+2.4	10,469	11,262	11,143	9,585	+9.2	125,182	112,406
Information technology industries	27,027	28,050	28,704	-3.6	-2.3	+5.7	34,190	27,344	26,684	32,469	+5.3	324,492	298,064
Health care equipment and products	13,332	13,432	13,340	-0.7	+0.7	-0.2	14,255	13,185	13,172	13,884	+2.7	156,995	144,158
NEW ORDERS													
All manufacturing industries	377,761	365,612	360,725	+3.3	+1.4	0.0	374,558	361,933	373,387	340,465	+10.0	4,277,210	4,033,676
Market categories :													
Automotive equipment	16,792	16,337	16,136	+2.8	+1.2	-2.6	14,922	16,634	17,994	13,832	+7.9	195,481	174,795
Home goods and apparel	20,372	20,261	20,281	+0.5	-0.1	+2.2	17,904	20,647	22,171	17,016	+5.2	239,831	226,721
Consumer staples	77,427	77,112	76,217	+0.4	+1.2	+0.9	77,333	78,004	78,104	71,046	+8.8	888,266	830,983
Machinery and equipment	74,513	67,545	68,364	+10.3	-1.2	-1.5	81,848	65,887	67,984	71,377	+14.7	814,621	774,254
Business supplies	27,592	27,585	27,064	0.0	+1.9	+1.1	27,212	28,097	27,580	25,205	+8.0	319,941	306,077
Construction materials and supplies	23,760	23,577	23,350	+0.8	+1.0	+1.4	22,064	22,942	24,164	20,732	+6.4	277,326	259,859
Defense products	8,368	6,449	7,992	+29.8	-19.3	+35.5	11,160	6,779	8,383	10,338	+8.0	80,062	76,617
Other materials, supplies and intermediate products	128,937	126,746	121,321	+1.7	+4.5	-2.0	122,115	122,943	127,007	110,919	+10.1	1,461,682	1,384,370
Durable goods industries :													
Nondefense capital goods ³	61,531	54,385	56,291	+13.1	-3.4	+0.4	70,943	52,843	54,441	60,728	+16.8	658,624	620,400
Excluding aircraft and parts	51,229	48,658	48,891	+5.3	-0.5	-0.2	58,610	47,168	47,440	53,903	+8.7	570,097	532,260
Defense capital goods ⁴	8,289	6,090	7,671	+36.1	-20.6	+39.9	11,348	6,349	8,038	10,338	+9.8	77,009	73,169
Durables excluding capital goods	146,272	144,324	138,480	+1.3	+4.2	-3.0	135,953	141,619	148,412	125,856	+8.0	1,687,687	1,566,124
Miscellaneous series :													
Producers' durable equipment	138,424	131,177	130,626	+5.5	+0.4	-1.5	141,323	129,673	134,171	127,794	+10.6	1,565,601	1,473,332
Household durable goods	10,891	10,761	10,746	+1.2	+0.1	+4.1	10,250	10,974	11,512	9,336	+9.8	125,489	111,784
Information technology industries	30,742	28,575	28,739	+7.6	-0.6	+3.0	37,646	27,929	26,722	32,296	+16.6	330,620	299,210
Health care equipment and products	13,650	13,535	13,335	+0.8	+1.5	+0.9	14,546	13,140	13,410	13,621	+6.8	157,523	145,319

^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 mater handling equipment; metalworking machinery; special industry machinery; general industrial machinery; computer and office equipment; refrigeration, heating and serv industry machinery; electrical transmission and distribution equipment; electrical industrial apparatus; communications equipment; aircraft, missiles, space vehicles, and engir 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, tar 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 Dec. 99/98
	Dec. 1999 ^p	Nov. 1999 ^r	Oct. 1999	Nov.-Dec.	Oct.-Nov.	Sept.-Oct.	Dec. 1999 ^p	Nov. 1999 ^r	Oct. 1999	Dec. 1998	
UNFILLED ORDERS											
All manufacturing industries	537,012	526,604	525,963	+2.0	+0.1	+0.1	531,171	522,083	524,929	512,986	+3.5
Market categories :											
Automotive equipment	2,488	2,482	2,549	+0.2	-2.6	+1.8	2,435	2,399	2,517	2,405	+1.2
Home goods and apparel	9,312	9,338	9,300	-0.3	+0.4	+2.3	8,646	9,066	9,306	8,311	+4.0
Consumer staples	3,161	3,055	2,958	+3.5	+3.3	+3.4	3,093	2,998	2,964	2,262	+36.7
Machinery and equipment	239,415	234,417	235,032	+2.1	-0.3	-0.2	238,432	234,063	234,569	240,571	-0.9
Business supplies	7,420	7,381	7,317	+0.5	+0.9	+1.0	7,150	7,215	7,200	6,521	+9.6
Construction materials and supplies	17,573	17,608	17,668	-0.2	-0.3	+0.5	17,294	17,295	17,453	17,241	+0.3
Defense products	88,599	86,892	87,911	+2.0	-1.2	+1.4	88,900	85,210	86,411	90,916	-2.2
Other materials, supplies and intermediate products	169,044	165,431	163,228	+2.2	+1.3	-0.4	165,221	163,837	164,509	144,759	+14.1
Durable goods industries :											
Nondefense capital goods ³	256,118	250,973	251,826	+2.1	-0.3	0.0	255,762	251,184	251,630	257,082	-0.5
Excluding aircraft and parts	115,842	112,658	111,911	+2.8	+0.7	+0.5	115,486	112,869	111,715	106,577	+8.4
Defense capital goods ⁴	93,315	91,444	92,510	+2.0	-1.2	+1.2	93,464	89,503	90,887	95,713	-2.3
Durables excluding capital goods	161,755	158,431	156,143	+2.1	+1.5	-0.6	156,958	156,226	157,462	137,245	+14.4
Miscellaneous series :											
Producers' durable equipment	277,126	272,411	273,181	+1.7	-0.3	-0.4	275,367	271,643	272,942	279,504	-1.5
Household durable goods	5,871	5,766	5,781	+1.8	-0.3	+4.0	5,468	5,687	5,975	5,161	+5.9
Information technology industries	45,389	41,674	41,149	+8.9	+1.3	+0.1	45,244	41,788	41,203	39,116	+15.7
Health care equipment and products	10,154	9,836	9,733	+3.2	+1.1	-0.1	10,153	9,862	9,907	9,625	+5.5
TOTAL INVENTORIES											
All manufacturing industries	470,951	469,836	467,522	+0.2	+0.5	+0.4	460,856	470,921	468,752	456,330	+1.0
Market categories :											
Automotive equipment	8,909	8,944	8,903	-0.4	+0.5	+1.9	8,493	8,950	8,837	8,265	+2.8
Home goods and apparel	31,772	31,665	31,539	+0.3	+0.4	-0.2	30,422	30,618	31,132	30,811	-1.3
Consumer staples	76,509	76,051	75,785	+0.6	+0.4	+1.2	75,941	77,703	77,973	72,343	+5.0
Machinery and equipment	115,660	117,040	116,218	-1.2	+0.7	+0.1	111,047	118,512	116,538	113,597	-2.2
Business supplies	28,556	28,514	28,352	+0.1	+0.6	-0.1	27,637	28,441	28,485	27,239	+1.5
Construction materials and supplies	30,590	30,290	30,109	+1.0	+0.6	+1.2	30,026	30,016	29,885	28,125	+6.8
Defense products	18,677	18,159	18,116	+2.9	+0.2	-1.9	18,221	18,012	18,246	18,604	-2.1
Other materials, supplies and intermediate products	160,278	159,173	158,500	+0.7	+0.4	+0.5	159,069	158,669	157,656	157,346	+1.1
Durable goods industries :											
Nondefense capital goods ³	106,518	108,074	107,299	-1.4	+0.7	-0.2	102,097	109,521	107,775	106,039	-3.7
Excluding aircraft and parts	74,096	73,894	72,693	+0.3	+1.7	+0.3	70,856	74,403	72,720	67,978	+4.2
Defense capital goods ⁴	19,179	18,540	18,444	+3.4	+0.5	-2.2	18,660	18,393	18,588	19,019	-1.9
Durables excluding capital goods	169,626	168,356	167,705	+0.8	+0.4	+0.7	166,800	167,845	167,076	162,357	+2.7
Miscellaneous series :											
Producers' durable equipment	190,518	191,490	190,226	-0.5	+0.7	+0.2	184,231	192,643	190,293	184,320	0.0
Household durable goods	16,622	16,501	16,359	+0.7	+0.9	+0.4	15,923	16,220	16,284	15,683	+1.5
Information technology industries	34,755	33,984	33,243	+2.3	+2.2	-0.8	32,911	34,176	33,286	30,317	+8.6
Health care equipment and products	20,915	20,724	20,559	+0.9	+0.8	+0.4	20,307	20,836	20,623	19,082	+6.4

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 Dec. 99/98
	Dec. 1999 ^P	Nov. 1999 ^F	Oct. 1999	Nov.- Dec.	Oct.- Nov.	Sept.- Oct.	Dec. 1999 ^P	Nov. 1999 ^F	Oct. 1999	Dec. 1998	
MATERIALS AND SUPPLIES											
All manufacturing industries	158,149	156,215	154,064	+1.2	+1.4	-0.1	158,106	156,048	154,549	153,675	+2.9
Durable goods industries	95,908	94,477	92,872	+1.5	+1.7	-0.1	95,632	94,885	93,306	91,318	+4.7
Stone, clay, and glass products	3,302	3,262	3,276	+1.2	-0.4	+0.2	3,328	3,262	3,277	3,164	+5.2
Primary metals	7,791	7,550	7,441	+3.2	+1.5	+0.2	8,144	7,711	7,621	8,152	-0.1
Fabricated metal products	10,808	10,675	10,664	+1.2	+0.1	-0.2	10,939	10,627	10,653	10,531	+3.9
Industrial machinery and equipment	20,998	20,633	19,879	+1.8	+3.8	-1.3	20,498	20,729	19,792	19,267	+6.4
Electronic and other electrical equipment	17,512	16,979	16,372	+3.1	+3.7	+1.0	17,228	17,005	16,469	15,239	+13.1
Transportation equipment	15,073	15,191	15,244	-0.8	-0.3	-0.1	14,941	15,110	15,129	14,954	-0.1
Instruments and related products	9,388	9,208	9,171	+2.0	+0.4	+0.5	9,210	9,108	9,181	8,855	+4.0
Lumber, furniture and miscellaneous durable goods	11,036	10,979	10,825	+0.5	+1.4	-0.5	11,344	11,333	11,184	11,156	+1.7
Nondurable goods industries	62,241	61,738	61,192	+0.8	+0.9	+0.1	62,474	61,163	61,243	62,357	+0.2
Food and kindred products	11,608	11,408	11,257	+1.8	+1.3	-1.0	11,697	11,429	11,544	11,340	+3.1
Tobacco products	4,502	4,505	4,602	-0.1	-2.1	+0.3	4,844	4,513	4,680	5,408	-10.4
Textile mill products	2,901	2,921	2,915	-0.7	+0.2	+0.1	2,854	2,825	2,833	2,854	0.0
Paper and allied products	7,736	7,782	7,757	-0.6	+0.3	-0.6	7,802	7,746	7,725	7,994	-2.4
Chemicals and allied products	15,790	15,517	15,339	+1.8	+1.2	+0.7	15,705	15,314	15,220	15,612	+0.6
Petroleum and coal products	3,510	3,643	3,553	-3.7	+2.5	+2.8	3,435	3,675	3,587	3,050	+12.6
Rubber and plastics products	7,231	7,177	7,094	+0.8	+1.2	-0.2	7,320	7,122	7,042	6,930	+5.6
Apparel, printing and publishing and leather goods	8,963	8,785	8,675	+2.0	+1.3	-0.1	8,817	8,539	8,612	9,169	-3.8
WORK IN PROCESS											
All manufacturing industries	144,465	146,225	146,218	-1.2	0.0	+0.4	139,932	148,138	147,837	145,967	-4.1
Durable goods industries	113,702	115,411	115,659	-1.5	-0.2	+0.2	109,889	116,630	116,330	117,283	-6.3
Stone, clay, and glass products	1,565	1,574	1,576	-0.6	-0.1	+2.9	1,466	1,471	1,503	1,290	+13.6
Primary metals	8,242	8,289	8,208	-0.6	+1.0	+1.4	8,162	8,206	8,136	8,450	-3.4
Fabricated metal products	9,009	9,032	9,102	-0.3	-0.8	+0.7	8,834	9,099	9,180	8,919	-1.0
Industrial machinery and equipment	21,264	21,323	21,572	-0.3	-1.2	+1.1	20,293	21,600	21,714	21,506	-5.6
Electronic and other electrical equipment	14,179	14,001	14,054	+1.3	-0.4	+0.5	13,547	13,927	14,041	13,140	+3.1
Transportation equipment	43,856	45,285	45,333	-3.2	-0.1	-0.6	42,567	46,354	45,997	49,251	-13.6
Instruments and related products	9,795	10,107	10,147	-3.1	-0.4	-0.1	9,384	10,219	10,106	9,587	-2.1
Lumber, furniture and miscellaneous durable goods	5,792	5,800	5,667	-0.1	+2.3	+0.7	5,636	5,754	5,653	5,140	+9.6
Nondurable goods industries	30,763	30,814	30,559	-0.2	+0.8	+1.2	30,043	31,508	31,507	28,684	+4.7
Food and kindred products	6,299	6,295	6,257	+0.1	+0.6	+2.3	6,700	6,957	7,008	6,246	+7.3
Tobacco products	124	121	106	+2.5	+14.2	+21.8	127	148	122	88	+44.3
Textile mill products	2,461	2,462	2,457	0.0	+0.2	+0.4	2,383	2,463	2,471	2,500	-4.7
Paper and allied products	1,717	1,776	1,735	-3.3	+2.4	+1.4	1,722	1,712	1,645	1,661	+3.7
Chemicals and allied products	8,878	8,894	8,967	-0.2	-0.8	+0.5	8,593	8,898	8,970	8,380	+2.5
Petroleum and coal products	3,158	3,139	2,892	+0.6	+8.5	-0.3	2,973	3,194	2,966	2,199	+35.2
Rubber and plastics products	2,229	2,234	2,259	-0.2	-1.1	-1.0	2,185	2,261	2,277	2,195	-0.5
Apparel, printing and publishing and leather goods	5,897	5,893	5,886	+0.1	+0.1	+2.7	5,360	5,875	6,048	5,415	-1.0
FINISHED GOODS											
All manufacturing industries	168,337	167,396	167,240	+0.6	+0.1	+0.8	162,818	166,735	166,366	156,688	+3.9
Durable goods industries	85,713	85,082	84,917	+0.7	+0.2	+0.5	82,036	84,244	83,803	78,814	+4.1
Stone, clay, and glass products	5,032	4,988	5,002	+0.9	-0.3	+1.6	4,914	4,782	4,732	4,649	+5.7
Primary metals	8,198	8,252	8,235	-0.7	+0.2	+1.3	8,130	8,161	8,062	8,195	-0.8
Fabricated metal products	11,719	11,671	11,593	+0.4	+0.7	+1.2	11,217	11,358	11,261	10,828	+3.6
Industrial machinery and equipment	18,529	18,539	18,485	-0.1	+0.3	-1.0	17,885	18,683	18,251	17,642	+1.4
Electronic and other electrical equipment	12,003	11,685	11,665	+2.7	+0.2	+3.0	11,299	11,681	11,731	9,998	+13.0
Transportation equipment	9,983	9,941	9,834	+0.4	+1.1	-0.4	9,151	9,870	9,782	8,952	+2.2
Instruments and related products	7,924	7,747	7,740	+2.3	+0.1	-0.9	7,640	7,814	7,910	7,241	+5.5
Lumber, furniture and miscellaneous durable goods	12,325	12,259	12,363	+0.5	-0.8	+0.3	11,800	11,895	12,074	11,309	+4.3
Nondurable goods industries	82,624	82,314	82,323	+0.4	0.0	+1.1	80,782	82,491	82,563	77,874	+3.7
Food and kindred products	21,153	21,094	21,255	+0.3	-0.8	+2.9	20,897	21,967	22,386	19,902	+5.0
Tobacco products	452	449	456	+0.7	-1.5	-9.2	522	643	564	801	-34.8
Textile mill products	4,792	4,718	4,699	+1.6	+0.4	-1.1	4,504	4,575	4,596	4,402	+2.3
Paper and allied products	6,606	6,579	6,633	+0.4	-0.8	+0.2	6,425	6,500	6,519	6,599	-2.6
Chemicals and allied products	23,029	23,010	22,597	+0.1	+1.8	+0.9	22,871	22,936	22,162	21,704	+5.4
Petroleum and coal products	5,519	5,392	5,607	+2.4	-3.8	+1.4	5,306	5,530	5,731	4,614	+15.0
Rubber and plastics products	8,370	8,358	8,361	+0.1	0.0	+3.2	8,203	8,149	8,070	7,472	+9.8
Apparel, printing and publishing and leather goods	12,703	12,714	12,715	-0.1	0.0	-1.1	12,054	12,191	12,535	12,380	-2.6

^P Preliminary. ^F 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			
	Dec. 1999 ^p	Nov. 1999 ^r	Oct. 1999	Sept. 1999	Dec. 1999 ^p	Nov. 1999 ^r	Oct. 1999	Sept. 1999
All manufacturing industries	1.28	1.29	1.30	1.30	2.58	2.54	2.57	2.58
Durable goods industries	1.44	1.44	1.45	1.45	3.01	2.97	2.99	3.02
Stone, clay, and glass products	1.10	1.09	1.11	1.10	0.73	0.73	0.73	0.71
Primary metals	1.55	1.55	1.57	1.55	2.04	2.08	2.13	2.10
Fabricated metal products	1.53	1.51	1.55	1.53	1.29	1.27	1.30	1.30
Industrial machinery and equipment	1.58	1.55	1.52	1.59	2.21	2.18	2.14	2.24
Electronic and other electrical equipment	1.21	1.20	1.21	1.18	2.39	2.25	2.19	2.14
Transportation equipment	1.38	1.46	1.48	1.46	8.33	8.58	8.78	8.77
Instruments and related products	1.81	1.81	1.82	1.83	3.12	3.05	3.09	3.13
Nondurable goods industries	1.09	1.09	1.10	1.10	0.67	0.67	0.68	0.67
Food and kindred products	0.92	0.92	0.92	0.91	(X)	(X)	(X)	(X)
Tobacco products	1.16	1.13	1.15	1.21	(X)	(X)	(X)	(X)
Textile mill products	1.55	1.54	1.52	1.56	(NA)	(NA)	(NA)	(NA)
Paper and allied products	1.12	1.13	1.17	1.17	(NA)	(NA)	(NA)	(NA)
Chemicals and allied products	1.33	1.32	1.32	1.33	(X)	(X)	(X)	(X)
Petroleum and coal products	0.71	0.73	0.77	0.76	(X)	(X)	(X)	(X)
Rubber and plastics products	1.23	1.24	1.28	1.28	(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		
	Dec. ¹ 1999	Dec. ² 1994-1998	Dec. 1998-Nov. 1999	Dec. ¹ 1999	Dec. ² 1994-1998	Dec. 1998-Nov. 1999	Dec. ¹ 1999	Dec. ² 1994-1998	Dec. 1998-Nov. 1999	Dec. ¹ 1999	Dec. ² 1994-1998	Dec. 1998-Nov. 1999
All manufacturing industries	(X)	0.2	0.1	(X)	0.3	0.2	(X)	0.1	0.1	(X)	0.1	0.0
Durable goods industries	-0.1	0.2	0.1	1.4	0.4	0.3	0.6	0.1	0.1	(X)	0.1	0.0
Stone, clay, and glass products	(X)	0.3	0.3	(X)	1.1	0.4	(X)	0.8	0.4	(X)	0.2	0.2
Primary metals	0.0	0.5	0.2	0.3	1.1	0.9	0.1	0.3	0.4	(X)	0.2	0.1
Fabricated metal products	(X)	0.6	0.2	(X)	0.6	0.4	(X)	0.4	0.3	(X)	0.2	0.1
Industrial machinery and equipment	0.0	0.4	0.4	1.0	0.4	0.3	0.7	0.1	0.1	(X)	0.1	0.1
Electronic and other electrical equipment	0.3	0.5	0.4	1.4	1.1	1.5	0.5	0.4	0.7	(X)	0.3	0.2
Transportation equipment	0.7	0.5	0.5	3.8	1.6	0.8	0.6	0.3	0.1	(X)	0.6	0.1
Instruments and related products	(X)	0.4	0.5	(X)	1.1	0.9	(X)	0.2	0.3	(X)	0.2	0.1
Nondurable goods industries	(X)	0.2	0.1	(X)	0.3	0.1	(X)	0.2	0.2	(X)	0.0	0.1
Food and kindred products	(X)	0.3	0.2	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.2
Tobacco products	(X)	0.0	0.1	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.0	0.1
Textile mill products	(X)	0.8	0.3	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	0.4	0.1
Paper and allied products	(X)	0.3	0.2	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	0.2	0.1
Chemicals and allied products	(X)	0.2	0.1	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.1
Petroleum and coal products	(X)	0.4	0.5	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.8	0.4
Rubber and plastics products	(X)	0.4	0.2	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.1	0.2
Capital goods industries :												
Nondefense	0.6	0.2	0.2	4.5	0.8	0.5	0.9	0.2	0.1	(X)	0.5	0.1
Defense	1.0	1.2	0.8	11.6	10.0	3.9	0.8	0.5	0.2	(X)	0.6	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.

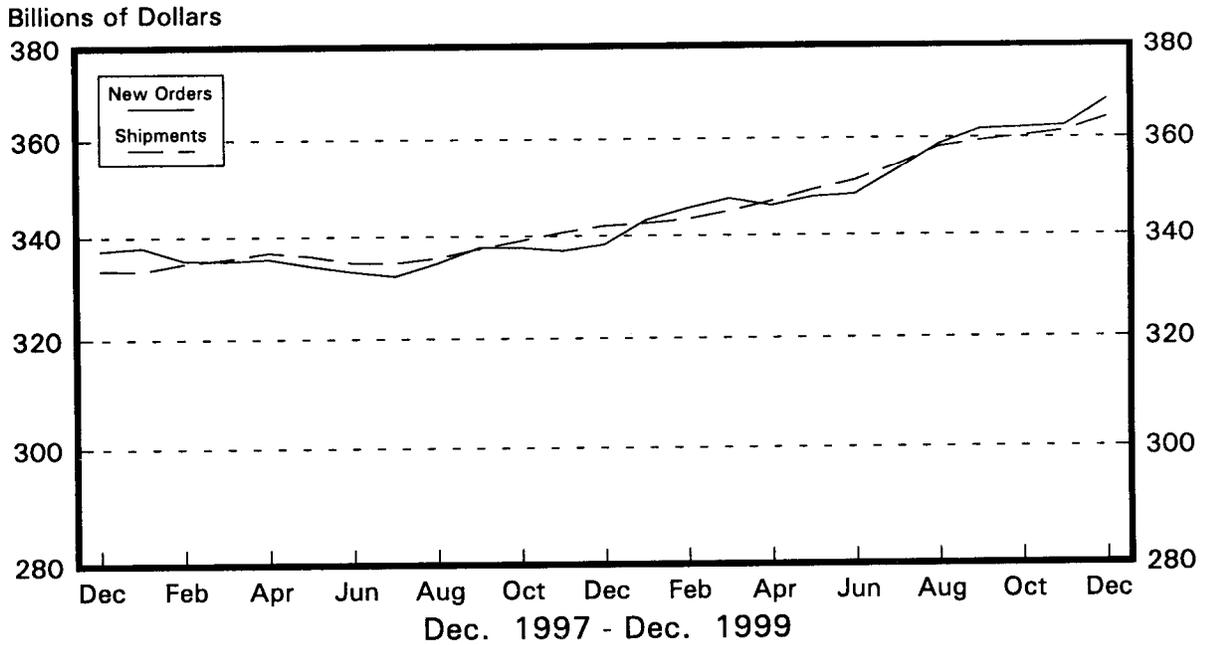
¹ The current month revisions are the difference between the advance percent change and the percent change as shown in this publication.

² Average for this month for the last five years.

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

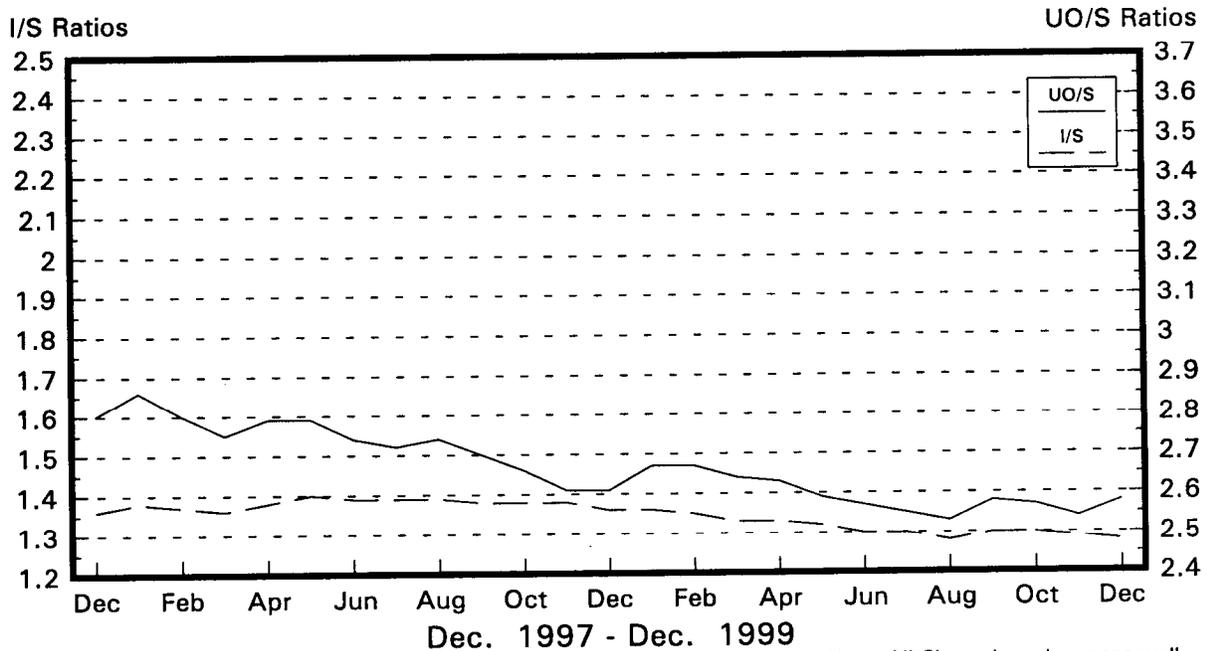
Total Manufacturing

New Orders and Shipments Three Month Moving Averages



Total Manufacturing

Ratio of Unfilled Orders and Inventories to Shipments

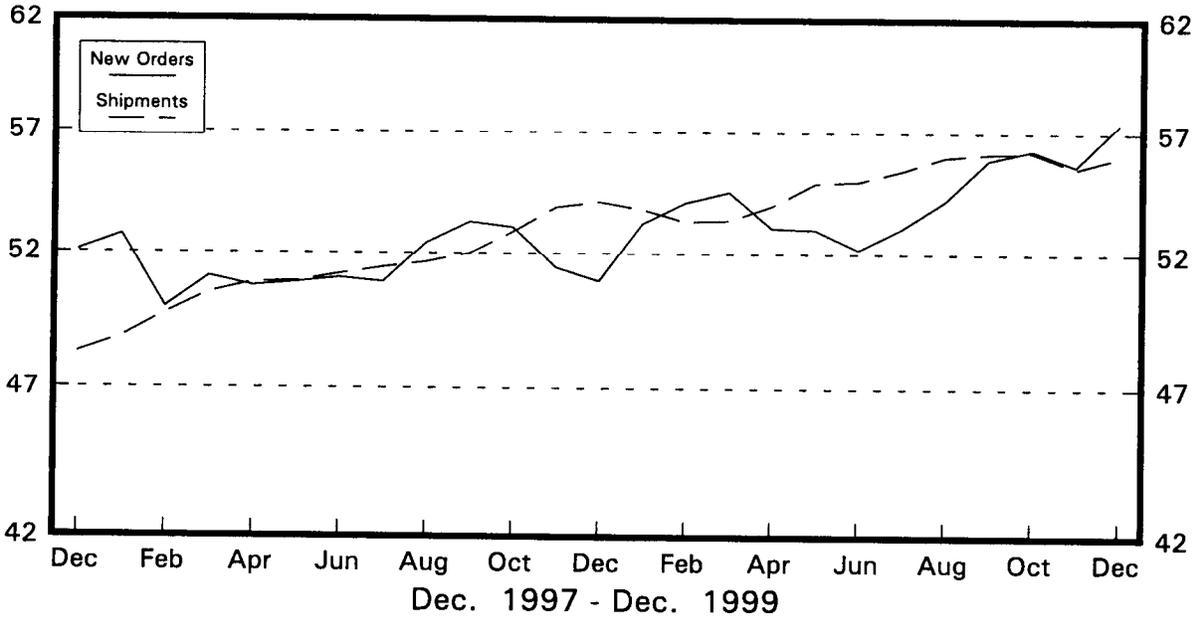


Note: All Charts based on seasonally adjusted current dollars.

Nondefense Capital Goods

New Orders and Shipments
Three Month Moving Averages

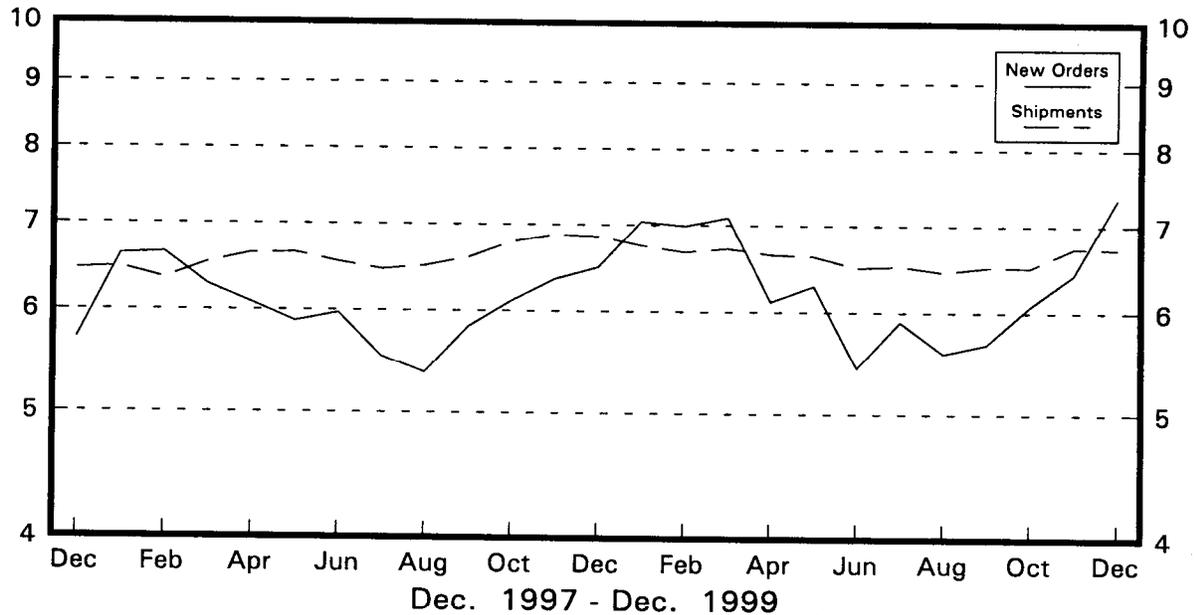
Billions of Dollars



Defense Capital Goods

New Orders and Shipments
Three Month Moving Averages

Billions of Dollars



Note: All Charts based on seasonally adjusted current dollars.