

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 January decreased \$4.3 billion or 1.1 percent to \$375.2 billion, the Department of Commerce, Bureau of the Census reported today. This follows a 3.8 percent December increase. Excluding transportation, new orders decreased 0.6 percent. New orders for January 2000 are 7.4 percent above January 1999.

Shipments increased \$3.8 billion or 1.0 percent to \$371.7 billion, following a 0.8 percent December increase. This is the eighth increase in the last nine months. Shipments for January 2000 are 8.8 percent above January 1999.

Unfilled orders increased \$3.5 billion or 0.7 percent to \$541.8 billion, following a 2.2 percent December increase. This is the seventh consecutive increase. The unfilled orders-to-shipments ratio was 2.55, down from 2.57 in December.

Inventories increased \$1.6 billion or 0.3 percent to \$471.9 billion, following a 0.1 percent December increase. This is the fifth consecutive increase. The inventories-to-shipments ratio was 1.27, down from 1.28 in December.

New Orders

New orders for manufactured durable goods in January decreased \$4.1 billion or 1.9 percent to \$214.1 billion, revised from the previously published 1.3 percent decrease.

Electronic and other electrical equipment had the largest decrease, \$5.3 billion or 12.9 percent to \$36.2 billion, mostly due to electronic components. This is the largest decrease since July 1997. Transportation equipment decreased \$2.2 billion or 4.0 percent to \$53.4 billion; decreases in shipbuilding and tanks and aircraft and parts more than offset increases in motor vehicles and parts and railroad equipment. Instruments and related products decreased \$0.3 billion or 2.1 percent to \$15.6 billion. Industrial machinery and equipment increased \$3.6 billion or 9.4 percent to \$42.3 billion. Primary metals increased \$0.4 billion or 2.7 percent to \$15.8 billion.

New orders for nondurable goods, down for the first time since September 1999, decreased \$0.2 billion or 0.1 percent to \$161.1 billion. Paper and allied products had the largest decrease.

Shipments

Shipments of durable goods in January increased \$3.8 billion or 1.9 percent to \$210.3 billion, revised from the previously published 2.8 percent increase. This is the eighth increase in the last nine months.

Industrial machinery and equipment, led by computer and office equipment, had the largest increase, \$2.5 billion or 6.6 percent to \$41.2 billion. This is the largest increase on record. Electronic and other electrical equipment, up three consecutive months, increased \$1.5 billion or 4.3 percent to \$37.8 billion. This is the largest increase since March 1997. Transportation equipment decreased \$0.8 billion or 1.6 percent to \$49.3 billion.

Shipments of nondurable goods decreased slightly to \$161.3 billion. This is the first decrease since April 1999. Decreases in food and kindred products, chemicals and allied products, and rubber and plastics products more than offset increases in printing and publishing and petroleum and coal products.

Unfilled Orders

Unfilled orders for durable goods in January increased \$3.7 billion or 0.7 percent to \$516.3 billion, revised from the previously published 0.6 percent increase. This is the seventh consecutive monthly increase.

Transportation equipment, led by aircraft and parts, had the largest increase, \$4.1 billion or 1.8 percent to \$231.6 billion. Industrial machinery and equipment, up seven consecutive months, increased \$1.1 billion or 1.4 percent to \$82.4 billion. Electronic and other electrical equipment, down for the first time since November 1998, decreased \$1.6 billion or 1.9 percent to \$83.8 billion.

Inventories

Inventories of durable goods in January increased \$1.1 billion or 0.4 percent to \$296.1 billion. This is the fifth consecutive increase.

Fabricated metal products had the largest increase, \$0.3 billion or 0.8 percent to \$31.7 billion. This is the seventh consecutive increase and the largest since July 1999. Instruments and related products, up six of the last seven months, increased \$0.2 billion or 0.8 percent to \$27.4 billion. Electronic and other electrical equipment, down for the first time since August 1999, decreased \$0.2 billion or 0.5 percent to \$43.4 billion.

Inventories of nondurable goods, up ten of the last eleven months, increased \$0.5 billion or 0.3 percent to \$175.8 billion. Paper and allied products had the largest increase, \$0.3 billion or 1.6 percent to \$16.3 billion. This is the largest increase since June 1995.

By stage of fabrication, January finished goods increased 1.3 percent in durables and 0.5 percent in nondurables. Work in process increased 0.4 percent in durables and decreased 1.1 percent in nondurables. Materials and supplies decreased 0.6 percent in durables and increased 0.6 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	
	Jan. 2000 ^P	Dec. 1999 ^P	Nov. 1999	Dec.-Jan.	Nov.-Dec.	Oct.-Nov.	Jan. 2000 ^P	Dec. 1999 ^P	Nov. 1999	Jan. 1999		Jan. 00/99	2000 ^P
All manufacturing industries	371,670	367,872	364,971	+1.0	+0.8	+1.3	334,173	365,926	364,779	307,582	+8.6	334,173	307,582
Manufacturing Industries													
with unfilled orders	212,281	209,080	207,251	+1.5	+0.9	+1.1	187,068	215,652	208,276	173,561	+7.8	187,068	173,561
without defense capital goods	365,419	361,351	357,815	+1.1	+1.0	+1.2	329,122	358,396	357,046	302,088	+8.9	329,122	302,088
Durable goods industries													
With unfilled orders	210,328	206,480	204,430	+1.9	+1.0	+1.0	184,733	209,219	203,877	170,448	+8.4	184,733	170,448
Stone, clay, and glass products	173,133	170,241	168,782	+1.7	+0.9	+0.9	150,785	177,151	168,838	139,260	+8.3	150,785	139,260
Primary metals	8,887	8,900	9,003	-0.1	-1.1	+1.5	7,687	7,957	8,893	7,119	+8.0	7,687	7,119
Blast furnaces, steel mills	15,968	15,763	15,574	+1.3	+1.2	+2.5	15,206	14,447	15,167	13,586	+11.9	15,206	13,586
Iron and steel foundries	6,146	6,094	6,059	+0.9	+0.6	+2.8	5,969	5,587	5,817	5,236	+14.0	5,969	5,236
Nonferrous and other primary metals	1,590	1,575	1,510	+1.0	+4.3	+2.9	1,469	1,347	1,456	1,397	+5.2	1,469	1,397
Fabricated metal products	8,232	8,094	8,005	+1.7	+1.1	+2.2	7,768	7,513	7,894	6,953	+11.7	7,768	6,953
Industrial machinery and equipment	20,708	20,385	20,713	+1.6	-1.6	+2.1	18,752	18,867	20,654	18,557	+1.1	18,752	18,557
Engines and turbines	41,243	38,698	39,075	+6.6	-1.0	-1.0	34,173	42,025	36,757	30,345	+12.6	34,173	30,345
Farm and garden machinery	3,265	2,561	2,677	+27.5	-4.3	+2.2	2,438	3,219	2,664	1,894	+28.7	2,438	1,894
Construction, mining and material handling equipment	1,913	1,854	1,755	+3.2	+5.6	+11.7	1,760	1,354	1,224	1,733	+1.6	1,760	1,733
Metalworking machinery	3,966	3,829	3,690	+3.6	+3.8	-0.2	3,538	3,652	3,392	3,481	+1.6	3,538	3,481
Computer and office equipment	3,685	3,728	3,832	-1.2	-2.7	-4.0	2,791	3,890	4,306	2,694	+3.6	2,791	2,694
Electronic and other electrical equipment	12,899	11,077	12,036	+16.4	-8.0	-6.6	9,620	14,410	11,187	8,033	+19.8	9,620	8,033
Electrical transmission and distribution equipment and industrial apparatus	37,828	36,281	35,605	+4.3	+1.9	+2.1	32,328	40,817	36,912	27,811	+16.2	32,328	27,811
Household appliances	4,120	3,971	3,876	+3.8	+2.5	+3.2	3,622	3,957	3,705	3,176	+14.0	3,622	3,176
Electric lighting and wiring equipment	2,467	2,369	2,425	+4.1	-2.3	+3.3	2,017	2,296	2,358	1,825	+10.5	2,017	1,825
Household audio and video equipment	2,599	2,649	2,556	-1.9	+3.6	+2.7	2,247	2,941	2,655	1,966	+14.3	2,247	1,966
Communications equipment	1,119	988	975	+13.3	+1.3	-2.0	962	955	1,201	930	+3.4	962	930
Electronic components	9,708	8,819	8,587	+10.1	+2.7	+0.5	7,540	12,160	8,524	6,134	+22.9	7,540	6,134
Transportation equipment	15,405	15,161	14,985	+1.6	+1.2	+2.8	13,922	16,234	15,794	11,993	+16.1	13,922	11,993
Motor vehicles and parts	49,321	50,125	48,326	-1.6	+3.7	+1.4	44,633	48,564	49,461	42,646	+4.7	44,633	42,646
Aircraft, missiles, space vehicles, and parts	34,788	34,189	33,239	+1.8	+2.9	+1.0	32,566	30,109	33,932	30,104	+8.2	32,566	30,104
Shipbuilding and tanks	11,016	11,788	11,477	-6.5	+2.7	-0.1	9,063	14,445	11,954	10,070	-10.0	9,063	10,070
Instruments and related products	1,065	912	1,003	+16.8	-9.1	+3.1	867	1,058	1,022	786	+10.3	867	786
Search and navigation equipment	15,253	15,169	14,992	+0.6	+1.2	+1.1	13,357	16,385	15,110	12,284	+8.7	13,357	12,284
Measuring and controlling devices	3,213	3,191	3,099	+0.7	+3.0	-2.3	2,739	3,555	3,109	2,728	+0.4	2,739	2,728
Medical instruments and supplies	4,549	4,652	4,471	-2.2	+4.0	+1.4	4,060	4,972	4,516	3,633	+11.8	4,060	3,633
Photographic goods	4,947	4,823	4,894	+2.6	-1.5	+1.1	4,430	5,295	4,777	4,041	+9.6	4,430	4,041
All other durable goods	2,046	2,011	2,028	+1.7	-0.8	+6.1	1,691	2,091	2,212	1,479	+14.3	1,691	1,479
All other durable goods	21,120	21,159	21,142	-0.2	+0.1	0.0	18,597	20,157	20,923	18,100	+2.7	18,597	18,100
Nondurable goods industries													
With unfilled orders	161,342	161,392	160,541	0.0	+0.5	+1.7	149,440	156,707	160,902	137,134	+9.0	149,440	137,134
Food and kindred products	39,148	38,839	38,469	+0.8	+1.0	+2.0	36,283	38,501	39,438	34,301	+5.8	36,283	34,301
Meat products	41,877	42,176	42,363	-0.7	-0.4	+0.2	39,257	41,652	43,223	38,810	+1.2	39,257	38,810
Dairy products	9,169	9,425	9,440	-2.7	-0.2	+0.1	8,624	9,413	9,630	8,069	+6.9	8,624	8,069
Beverages	6,302	6,336	6,546	-0.5	-3.2	+1.8	6,181	6,256	6,785	6,508	-5.0	6,181	6,508
All other foods, except fats and oils	6,610	6,374	6,475	+3.7	-1.6	+0.3	5,751	5,914	6,188	5,396	+6.6	5,751	5,396
Tobacco products	18,065	18,178	18,040	-0.6	+0.8	-0.2	16,970	18,206	18,758	16,910	+0.4	16,970	16,910
Textile mill products	4,393	4,324	4,475	+1.6	-3.4	-0.6	4,091	4,016	4,612	3,820	+7.1	4,091	3,820
Broadwoven fabrics and other textiles	6,699	6,615	6,545	+1.3	+1.1	-1.4	5,886	5,966	6,590	5,769	+2.0	5,886	5,769
Paper and allied products	3,639	3,651	3,681	-0.3	-0.8	+1.1	3,308	3,433	3,588	3,481	-5.0	3,308	3,481
Pulp, paper, and paperboard mill products	14,182	14,376	14,268	-1.3	+0.8	+3.5	13,653	14,095	14,095	12,931	+5.6	13,653	12,931
Paperboard containers and boxes	5,742	5,697	5,637	+0.8	+1.1	+7.4	5,556	5,622	5,619	4,983	+11.5	5,556	4,983
Miscellaneous converted paper products	3,723	3,707	3,632	+0.4	+2.1	-0.1	3,611	3,521	3,588	3,275	+10.3	3,611	3,275
Chemicals and allied products	4,717	4,972	4,999	-5.1	-0.5	+2.1	4,486	4,952	4,888	4,673	-4.0	4,486	4,673
Industrial chemicals	35,384	35,636	35,937	-0.7	-0.8	+1.1	33,247	35,458	34,579	30,801	+7.9	33,247	30,801
Drugs, soaps, and toiletries	15,821	16,066	16,215	-1.5	-0.9	+1.1	15,142	15,680	15,843	14,104	+7.4	15,142	14,104
Petroleum and coal products	15,581	15,555	15,747	+0.2	-1.2	+0.5	14,605	16,414	15,513	13,458	+8.5	14,605	13,458
Rubber and plastics products	17,779	17,414	16,634	+2.1	+4.7	+6.4	15,937	17,075	16,755	9,819	+62.3	15,937	9,819
All other nondurable goods	14,162	14,400	14,339	-1.7	+0.4	+3.8	13,072	12,978	13,816	12,207	+7.1	13,072	12,207
All other nondurable goods	26,866	26,451	25,980	+1.6	+1.8	+1.1	24,297	25,467	27,232	22,977	+5.7	24,297	22,977

^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.

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

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 Jan. 00/99	Year to date	
	Jan. 2000 ^p	Dec. 1999 ^r	Nov. 1999	Dec.- Jan.	Nov.- Dec.	Oct.- Nov.	Jan. 2000 ^p	Dec. 1999 ^r	Nov. 1999	Jan. 1999		2000 ^p	1999
All manufacturing industries	375,211	379,485	365,612	-1.1	+3.8	+1.4	348,609	376,534	361,933	325,593	+7.1	348,609	325,593
Manufacturing industries with unfilled orders	215,822	220,693	207,892	-2.2	+6.2	+1.2	201,504	226,260	205,430	191,572	+5.2	201,504	191,572
without defense capital goods	368,188	370,622	359,522	-0.7	+3.1	+1.8	340,770	364,867	355,584	317,049	+7.5	340,770	317,049
Durable goods industries	214,070	218,167	204,799	-1.9	+6.5	+1.2	199,227	220,085	200,811	188,008	+6.0	199,227	188,008
With unfilled orders	176,875	181,928	169,151	-2.8	+7.6	+1.1	165,279	188,017	165,772	156,820	+5.4	165,279	156,820
Stone, clay, and glass products	8,943	8,917	9,133	+0.3	-2.4	+1.5	7,876	7,991	8,995	7,282	+8.2	7,876	7,282
Primary metals	15,765	15,346	15,540	+2.7	-1.2	+0.6	16,018	14,859	15,172	13,954	+14.8	16,018	13,954
Blast furnaces, steel mills	6,081	5,896	6,315	+3.1	-6.6	+4.8	6,514	5,788	6,150	5,377	+21.1	6,514	5,377
Iron and steel foundries	1,524	1,599	1,362	-4.7	+17.4	-6.4	1,525	1,459	1,290	1,495	+2.0	1,525	1,495
Nonferrous and other primary metals	8,160	7,851	7,863	+3.9	-0.2	-1.2	7,979	7,612	7,732	7,082	+12.7	7,979	7,082
Fabricated metal products	20,682	20,880	20,619	-0.9	+1.3	+2.8	19,113	19,402	20,280	19,120	0.0	19,113	19,120
Industrial machinery and equipment	42,342	38,716	39,347	+9.4	-1.6	-0.8	36,307	41,425	37,631	31,857	+14.0	36,307	31,857
Engines and turbines	3,348	2,633	2,784	+27.2	-5.4	-0.2	2,475	3,194	2,903	2,156	+14.8	2,475	2,156
Construction, mining and material handling equipment	4,000	3,736	3,965	+7.1	-5.8	+11.0	3,909	3,671	3,707	3,771	+3.7	3,909	3,771
Metalworking machinery	4,004	3,462	3,534	+15.7	-2.0	-9.7	3,110	3,624	4,008	2,811	+10.6	3,110	2,811
Computer and office equipment	12,747	11,712	11,981	+8.8	-2.2	-6.1	9,402	14,755	11,211	8,021	+17.2	9,402	8,021
Electronic and other electrical equipment	36,186	41,524	39,352	-12.9	+5.5	+9.7	35,892	43,695	38,015	34,752	+3.3	35,892	34,752
Electrical transmission and distribution equipment and industrial apparatus	4,155	4,013	3,971	+3.5	+1.1	+1.9	3,845	3,928	3,712	3,247	+18.4	3,845	3,247
Electric lighting and wiring equipment	2,778	2,686	2,461	+3.4	+9.1	-4.3	2,426	2,978	2,560	2,068	+17.3	2,426	2,068
Communications equipment	10,420	11,160	9,747	-6.6	+14.5	-10.1	8,093	14,607	9,951	6,254	+29.4	8,093	6,254
Electronic components	12,878	17,721	17,627	-27.3	+0.5	+35.9	15,982	16,472	15,852	18,008	-11.3	15,982	18,008
Transportation equipment	53,436	55,650	44,899	-4.0	+23.9	-4.1	51,150	55,238	45,416	50,028	+2.2	51,150	50,028
Aircraft, missiles, space vehicles, and parts	14,200	15,354	8,629	-7.5	+77.9	-17.1	14,259	19,021	8,592	15,041	-5.2	14,259	15,041
Shipbuilding and tanks	836	2,241	1,049	-62.7	113.6	+4.7	652	2,288	1,044	1,809	-64.0	652	1,809
Instruments and related products	15,563	15,903	14,816	-2.1	+7.3	+3.2	14,068	17,807	14,690	12,806	+9.9	14,068	12,806
Search and navigation equipment	3,225	3,429	2,846	-5.9	+20.5	-2.9	2,914	4,472	2,785	2,728	+6.8	2,914	2,728
Measuring and controlling devices	4,771	4,909	4,429	-2.8	+10.8	+6.7	4,282	5,229	4,474	3,756	+14.0	4,282	3,756
Medical instruments and supplies	4,932	5,043	4,998	-2.2	+0.9	+3.3	4,645	5,509	4,733	4,473	+3.8	4,645	4,473
All other durable goods	21,153	21,231	21,093	-0.4	+0.7	-0.6	18,803	19,668	20,612	18,209	+3.3	18,803	18,209
Nondurable goods industries	161,141	161,318	160,813	-0.1	+0.3	+1.6	149,382	156,449	161,122	137,585	+8.6	149,382	137,585
With unfilled orders	38,947	38,765	38,741	+0.5	+0.1	+1.6	36,225	38,243	39,658	34,752	+4.2	36,225	34,752

^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.

(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' UNFULFILLED ORDERS FOR INDUSTRY GROUPS
(Millions of dollars)

Industry	Seasonally adjusted						Not seasonally adjusted				
	Monthly			Percent Change			Monthly				Percent change Jan. 00/99
	Jan. 2000 ^p	Dec. 1999 ^r	Nov. 1999	Dec.- Jan.	Nov.- Dec.	Oct.- Nov.	Jan. 2000 ^p	Dec. 1999 ^r	Nov. 1999	Jan. 1999	
All manufacturing industries	541,758	538,217	526,604	+0.7	+2.2	+0.1	547,127	532,691	522,083	530,997	+3.0
Manufacturing industries without defense capital goods	447,200	444,431	435,160	+0.6	+2.1	+0.4	450,699	439,051	432,580	432,234	+4.3
Durable goods industries	516,277	512,535	500,848	+0.7	+2.3	+0.1	522,273	507,779	496,913	507,600	+2.9
Stone, clay, and glass products	6,386	6,330	6,313	+0.9	+0.3	+2.1	6,426	6,237	6,203	6,234	+3.1
Primary metals	31,709	31,912	32,329	-0.6	-1.3	-0.1	31,933	31,121	30,709	29,215	+9.3
Blast furnaces, steel mills	13,019	13,084	13,282	-0.5	-1.5	+2.0	13,178	12,633	12,432	11,176	+17.9
Iron and steel foundries	4,673	4,739	4,715	-1.4	+0.5	-3.0	4,720	4,664	4,552	5,450	-13.4
Nonferrous and other primary metals	14,017	14,089	14,332	-0.5	-1.7	-1.0	14,035	13,824	13,725	12,589	+11.5
Fabricated metal products	25,178	25,204	24,709	-0.1	+2.0	-0.4	25,109	24,748	24,213	25,997	-3.4
Industrial machinery and equipment	82,397	81,298	81,280	+1.4	0.0	+0.3	83,361	81,227	81,827	75,953	+9.8
Engines and turbines	24,297	24,214	24,142	+0.3	+0.3	+0.4	24,835	24,798	24,823	18,987	+30.8
Construction, mining and material handling equipment	8,809	8,775	8,868	+0.4	-1.0	+3.2	8,950	8,579	8,560	9,923	-9.8
Metalworking machinery	6,809	6,490	6,756	+4.9	-3.9	-4.2	6,809	6,490	6,756	6,563	+3.7
Computer and office equipment	8,674	8,826	8,191	-1.7	+7.8	-0.7	8,463	8,681	8,336	7,929	+6.7
Electronic and other electrical equipment	83,824	85,466	80,223	-1.9	+6.5	+4.9	87,251	83,687	80,809	64,747	+34.8
Electrical transmission and distribution equipment and industrial apparatus	7,103	7,068	7,026	+0.5	+0.6	+1.4	7,119	6,896	6,925	6,252	+13.9
Electric lighting and wiring equipment	5,211	5,032	4,995	+3.6	+0.7	-1.9	5,211	5,032	4,995	5,124	+1.7
Communications equipment	25,667	24,955	22,614	+2.9	+10.4	+5.4	26,176	25,623	23,176	17,177	+52.4
Electronic components	39,959	42,486	39,926	-5.9	+6.4	+7.1	42,534	40,474	40,236	29,670	+43.4
Transportation equipment	231,576	227,461	221,936	+1.8	+2.5	-1.5	232,899	226,382	219,708	249,966	-6.8
Aircraft, missiles, space vehicles, and parts	194,600	191,416	187,850	+1.7	+1.9	-1.5	195,704	190,508	185,932	208,979	-6.4
Shipbuilding and tanks	19,391	19,620	18,291	-1.2	+7.3	+0.3	19,313	19,528	18,298	20,345	-5.1
Instruments and related products	46,725	46,415	45,681	+0.7	+1.6	-0.4	47,207	46,496	45,074	47,707	-1.0
Search and navigation equipment	25,338	25,326	25,088	0.0	+0.9	-1.0	25,595	25,420	24,503	26,428	-3.2
Measuring and controlling devices	10,354	10,132	9,875	+2.2	+2.6	-0.4	10,354	10,132	9,875	10,308	+0.4
Medical instruments and supplies	10,001	10,016	9,796	-0.1	+2.2	+1.1	10,250	10,035	9,821	10,018	+2.3
All other durable goods	8,482	8,449	8,377	+0.4	+0.9	-0.6	8,087	7,881	8,370	7,781	+3.9
Nondurable goods industries	25,481	25,682	25,756	-0.8	-0.3	+1.1	24,854	24,912	25,170	23,397	+6.2

^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 Jan. 00/99
	Jan. 2000 ^P	Dec. 1999 ^r	Nov. 1999	Dec.- Jan.	Nov.- Dec.	Oct.- Nov.	Jan. 2000 ^P	Dec. 1999 ^r	Nov. 1999	Jan. 1999	
All manufacturing industries	471,949	470,377	469,836	+0.3	+0.1	+0.5	469,797	460,048	470,921	462,588	+1.6
Manufacturing industries with unfilled orders	311,866	310,668	310,756	+0.4	0.0	+0.5	308,797	301,638	310,748	307,625	+0.4
without defense capital goods	452,291	451,145	451,296	+0.3	0.0	+0.5	450,360	441,436	452,528	444,384	+1.3
Durable goods industries	296,142	295,034	294,970	+0.4	0.0	+0.5	294,170	287,124	295,759	291,608	+0.9
With unfilled orders	270,701	269,759	269,892	+0.3	0.0	+0.5	268,199	262,050	270,449	266,947	+0.5
Stone, clay, and glass products	9,962	9,888	9,824	+0.7	+0.7	-0.3	10,011	9,682	9,515	9,402	+6.5
Primary metals	24,446	24,255	24,091	+0.8	+0.7	+0.9	24,622	24,445	24,078	24,525	+0.4
Blast furnaces, steel mills	11,563	11,507	11,414	+0.5	+0.8	+0.8	11,757	11,792	11,528	12,085	-2.7
Iron and steel foundries	1,612	1,617	1,620	-0.3	-0.2	+2.7	1,601	1,580	1,574	1,598	+0.2
Nonferrous and other primary metals	11,271	11,131	11,057	+1.3	+0.7	+0.7	11,264	11,073	10,976	10,842	+3.9
Fabricated metal products	31,661	31,401	31,378	+0.8	+0.1	+0.1	31,478	30,846	31,084	30,741	+2.4
Industrial machinery and equipment	60,500	60,406	60,495	+0.2	-0.1	+0.9	60,103	58,283	61,012	60,256	-0.3
Engines and turbines	4,604	4,615	4,649	-0.2	-0.7	+1.8	4,418	4,228	4,861	3,961	+11.5
Farm and garden machinery	3,853	3,847	3,715	+0.2	+3.6	+1.2	4,263	4,085	3,786	4,136	+3.1
Construction, mining and material handling equipment	8,942	8,951	8,917	-0.1	+0.4	+0.6	8,977	8,765	8,906	9,110	-1.5
Metalworking machinery	8,047	8,023	8,023	+0.3	0.0	-1.2	7,821	7,509	7,903	7,774	+0.6
Computer and office equipment	8,677	8,857	8,888	-2.0	-0.3	+3.1	8,310	8,179	9,050	8,714	-4.6
Electronic and other electrical equipment	43,392	43,611	42,665	-0.5	+2.2	+1.4	42,806	42,063	42,613	39,036	+9.7
Electrical transmission and distribution equipment and industrial apparatus	5,440	5,393	5,371	+0.9	+0.4	+0.9	5,484	5,315	5,447	5,421	+1.2
Household appliances	2,520	2,502	2,436	+0.7	+2.7	+1.0	2,476	2,260	2,362	2,351	+5.3
Electric lighting and wiring equipment	3,786	3,768	3,752	+0.5	+0.4	-0.3	3,694	3,568	3,796	3,371	+9.6
Household audio and video equipment	1,095	1,143	1,123	-4.2	+1.8	+3.9	1,057	1,077	1,111	986	+7.2
Communications equipment	11,668	12,108	11,668	-3.6	+3.8	+4.5	11,398	11,638	11,743	9,376	+21.6
Electronic components	15,090	14,935	14,634	+1.0	+2.1	-0.4	14,958	14,603	14,564	13,874	+7.8
Transportation equipment	69,215	69,069	70,417	+0.2	-1.9	0.0	68,528	66,729	71,334	73,252	-6.4
Motor vehicles and parts	17,993	17,982	17,916	+0.1	+0.4	+1.6	17,932	17,506	18,045	17,090	+4.9
Aircraft, missiles, space vehicles, and parts	44,966	45,173	46,143	-0.5	-2.1	-0.8	44,356	43,469	46,990	50,362	-11.9
Shipbuilding and tanks	2,399	2,373	2,277	+1.1	+4.2	+2.0	2,416	2,350	2,228	1,885	+28.2
Instruments and related products	27,403	27,180	27,062	+0.8	+0.4	0.0	26,784	26,267	27,141	25,831	+3.7
Search and navigation equipment	6,908	6,896	6,989	+0.2	-1.3	+0.1	6,677	6,660	6,950	6,378	+4.7
Measuring and controlling devices	8,311	8,232	8,166	+1.0	+0.8	-0.4	8,190	8,012	8,160	7,857	+4.2
Medical instruments and supplies	9,104	8,987	8,834	+1.3	+1.7	+0.6	8,967	8,725	8,939	8,328	+7.7
Photographic goods	2,347	2,346	2,346	0.0	0.0	-0.6	2,231	2,160	2,361	2,534	-12.0
All other durable goods	29,563	29,224	29,038	+1.2	+0.6	+0.6	29,838	28,809	28,982	28,565	+4.5
Nondurable goods industries	175,807	175,343	174,866	+0.3	+0.3	+0.5	175,627	172,924	175,162	170,980	+2.7
With unfilled orders	41,165	40,909	40,864	+0.6	+0.1	+0.4	40,598	39,588	40,299	40,678	-0.2
Food and kindred products	38,976	39,033	38,797	-0.1	+0.6	+0.1	39,374	39,250	40,353	38,016	+3.6
Meat products	4,440	4,468	4,481	-0.6	-0.3	-0.1	4,375	4,216	4,442	4,056	+7.9
Dairy products	3,831	3,834	3,879	-0.1	-1.2	-1.5	3,793	3,575	3,747	3,859	-1.7
Beverages	8,882	8,989	8,696	-1.2	+3.4	+0.5	8,868	8,903	8,826	8,401	+5.6
All other foods, except fats and oils	20,212	20,133	20,104	+0.4	+0.1	+0.5	20,650	20,918	21,580	19,750	+4.6
Tobacco products	5,126	5,101	5,075	+0.5	+0.5	-1.7	5,664	5,493	5,304	6,193	-8.5
Textile mill products	10,131	10,163	10,101	-0.3	+0.6	+0.3	10,118	9,756	9,863	10,066	+0.5
Broadwoven fabrics and other textiles	6,084	6,136	6,113	-0.8	+0.4	+0.4	6,135	5,954	6,031	6,346	-3.3
Paper and allied products	16,327	16,068	16,137	+1.6	-0.4	+0.1	16,387	15,955	15,958	16,229	+1.0
Pulp, paper, and paperboard mill products	6,364	6,328	6,268	+0.6	+1.0	-0.5	6,430	6,298	6,206	6,668	-3.6
Paperboard containers and boxes	4,318	4,164	4,235	+3.7	-1.7	-0.2	4,332	4,173	4,169	3,994	+8.5
Miscellaneous converted paper products	5,645	5,576	5,634	+1.2	-1.0	+0.9	5,625	5,484	5,583	5,567	+1.0
Chemicals and allied products	47,789	47,603	47,421	+0.4	+0.4	+1.1	47,629	47,055	47,148	46,214	+3.1
Industrial chemicals	19,408	19,480	19,515	-0.4	-0.2	+1.3	19,595	19,673	19,336	19,699	-0.5
Drugs, soaps, and toiletries	22,421	22,172	21,961	+1.1	+1.0	+1.0	21,782	21,432	21,975	20,357	+7.0
Petroleum and coal products	12,345	12,247	12,174	+0.8	+0.6	+1.0	12,005	11,741	12,399	10,000	+20.1
Rubber and plastics products	17,613	17,589	17,769	+0.1	-1.0	+0.3	17,799	17,456	17,532	16,956	+5.0
All other nondurable goods	27,500	27,539	27,392	-0.1	+0.5	+0.4	26,651	26,218	26,605	27,306	-2.4

^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	
	Jan. 2000 ^p	Dec. 1999 ^p	Nov. 1999	Dec.-Jan.	Nov.-Dec.	Oct.-Nov.	Jan. 2000 ^p	Dec. 1999 ^p	Nov. 1999	Jan. 1999	Jan. 00/99	2000 ^p	1999
SHIPMENTS													
All manufacturing industries	371,670	367,872	364,971	+1.0	+0.8	+1.3	334,173	365,926	364,779	307,582	+8.6	334,173	307,582
Market categories :													
Automotive equipment	17,340	16,900	16,403	+2.6	+3.0	+1.9	15,941	14,907	16,753	14,335	+11.2	15,941	14,335
Home goods and apparel	20,930	20,653	20,223	+1.3	+2.1	+0.8	17,996	18,537	20,887	16,773	+7.3	17,996	16,773
Consumer staples	77,014	76,912	77,015	+0.1	-0.1	+1.2	71,555	77,026	77,970	65,376	+9.5	71,555	65,376
Machinery and equipment	72,295	69,839	68,160	+3.5	+2.5	-0.9	60,616	77,493	66,393	55,293	+9.6	60,616	55,293
Business supplies	27,887	27,732	27,521	+0.6	+0.8	+1.9	25,553	27,595	28,082	23,652	+8.0	25,553	23,652
Construction materials and supplies	23,546	23,601	23,637	-0.2	-0.2	+1.7	20,474	21,833	23,100	19,222	+6.5	20,474	19,222
Defense products	6,543	6,743	7,468	-3.0	-9.7	+9.5	5,396	7,598	7,980	5,763	-6.4	5,396	5,763
Other materials, supplies and intermediate products	126,115	125,492	124,544	+0.5	+0.8	+2.0	116,642	120,937	123,614	107,168	+8.8	116,642	107,168
Durable goods industries :													
Nondefense capital goods ³	58,866	56,587	55,238	+4.0	+2.4	-1.9	47,905	66,365	53,289	43,012	+11.4	47,905	43,012
Excluding aircraft and parts	51,098	48,304	47,911	+5.8	+0.8	-0.9	41,420	55,997	46,014	35,904	+15.4	41,420	35,904
Defense capital goods ⁴	6,251	6,521	7,156	-4.1	-8.9	+8.9	5,051	7,530	7,733	5,494	-8.1	5,051	5,494
Durables excluding capital goods	145,211	143,372	142,036	+1.3	+0.9	+1.9	131,777	135,324	142,855	121,942	+8.1	131,777	121,942
Miscellaneous series :													
Producers' durable equipment	137,565	134,223	131,947	+2.5	+1.7	+0.2	119,570	137,780	130,972	110,374	+8.3	119,570	110,374
Household durable goods	11,103	10,868	10,776	+2.2	+0.9	+2.4	9,457	10,493	11,262	8,465	+11.7	9,457	8,465
Information technology industries	30,200	27,473	28,050	+9.9	-2.1	-2.3	23,795	34,580	27,344	20,126	+18.2	23,795	20,126
Health care equipment and products	13,400	13,259	13,432	+1.1	-1.3	+0.7	12,353	14,173	13,185	11,347	+8.9	12,353	11,347
NEW ORDERS													
All manufacturing industries	375,211	379,485	365,612	-1.1	+3.8	+1.4	348,609	376,534	361,933	325,593	+7.1	348,609	325,593
Market categories :													
Automotive equipment	17,296	16,945	16,337	+2.1	+3.7	+1.2	16,017	14,994	16,634	14,607	+9.7	16,017	14,607
Home goods and apparel	21,125	20,576	20,261	+2.7	+1.6	-0.1	18,748	18,078	20,647	17,165	+9.2	18,748	17,165
Consumer staples	76,893	76,958	77,112	-0.1	-0.2	+1.2	71,421	77,094	78,004	65,594	+8.9	71,421	65,594
Machinery and equipment	76,946	75,620	67,545	+1.8	+12.0	-1.2	66,581	82,621	65,887	60,507	+10.0	66,581	60,507
Business supplies	27,824	27,796	27,585	+0.1	+0.8	+1.9	25,603	27,576	28,097	24,028	+6.6	25,603	24,028
Construction materials and supplies	23,767	23,643	23,577	+0.5	+0.3	+1.0	20,905	21,905	22,942	19,494	+7.2	20,905	19,494
Defense products	6,877	8,848	6,449	-22.3	+37.2	-19.3	7,500	11,471	6,779	8,720	-14.0	7,500	8,720
Other materials, supplies and intermediate products	124,483	129,099	126,746	-3.6	+1.9	+4.5	121,834	122,795	122,943	115,478	+5.5	121,834	115,478
Durable goods industries :													
Nondefense capital goods ³	64,103	62,639	54,385	+2.3	+15.2	-3.4	54,381	71,776	52,843	47,992	+13.3	54,381	47,992
Excluding aircraft and parts	54,019	51,294	48,658	+5.3	+5.4	-0.5	45,580	58,346	47,168	37,882	+20.3	45,580	37,882
Defense capital goods ⁴	7,023	8,863	6,090	-20.8	+45.5	-20.6	7,839	11,667	6,349	8,544	-8.3	7,839	8,544
Durables excluding capital goods	142,944	146,665	144,324	-2.5	+1.6	+4.2	137,007	136,642	141,619	131,472	+4.2	137,007	131,472
Miscellaneous series :													
Producers' durable equipment	142,066	140,099	131,177	+1.4	+6.8	+0.4	127,030	142,663	129,673	118,040	+7.6	127,030	118,040
Household durable goods	11,173	10,958	10,761	+2.0	+1.8	+0.1	10,040	10,252	10,974	8,855	+13.4	10,040	8,855
Information technology industries	30,966	30,810	28,575	+0.5	+7.8	-0.6	24,510	37,639	27,929	20,243	+21.1	24,510	20,243
Health care equipment and products	13,385	13,481	13,535	-0.7	-0.4	+1.5	12,567	14,386	13,140	11,778	+6.7	12,567	11,778

^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 engines 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, tanks 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' UNFILED ORDERS AND TOTAL INVENTORIES
FOR TOPICAL SERIES¹
(Millions of dollars)**

Industry	Seasonally adjusted						Not seasonally adjusted				
	Monthly			Percent Change			Monthly				Percent change Jan. 00/99
	Jan. 2000 ^p	Dec. 1999 ^r	Nov. 1999	Dec.- Jan.	Nov.- Dec.	Oct.- Nov.	Jan. 2000 ^p	Dec. 1999 ^r	Nov. 1999	Jan. 1999	
UNFILED ORDERS											
All manufacturing industries	541,758	538,217	526,604	+0.7	+2.2	+0.1	547,127	532,691	522,083	530,997	+3.0
Market categories :											
Automotive equipment	2,484	2,527	2,482	-1.7	+1.8	-2.6	2,562	2,486	2,399	2,677	-4.3
Home goods and apparel	9,455	9,260	9,338	+2.1	-0.8	+0.4	9,360	8,608	9,066	8,703	+7.5
Consumer staples	2,979	3,100	3,055	-3.9	+1.5	+3.3	2,932	3,066	2,998	2,480	+18.2
Machinery and equipment	244,849	240,198	234,417	+1.9	+2.5	-0.3	245,156	239,191	234,063	245,785	-0.3
Business supplies	7,381	7,444	7,381	-0.8	+0.9	+0.9	7,246	7,196	7,215	6,897	+5.1
Construction materials and supplies	17,871	17,650	17,608	+1.3	+0.2	-0.3	17,799	17,368	17,295	17,513	+1.6
Defense products	89,331	88,997	86,892	+0.4	+2.4	-1.2	91,187	89,083	85,210	93,873	-2.9
Other materials, supplies and and intermediate products	167,408	169,041	165,431	-1.0	+2.2	+1.3	170,885	165,693	163,837	153,069	+11.6
Durable goods industries :											
Nondefense capital goods ³	262,262	257,025	250,973	+2.0	+2.4	-0.3	263,071	256,595	251,184	262,062	+0.4
Excluding aircraft and parts	118,569	115,648	112,658	+2.5	+2.7	+0.7	119,378	115,218	112,869	108,555	+10.0
Defense capital goods ⁴	94,558	93,786	91,444	+0.8	+2.6	-1.2	96,428	93,640	89,503	98,763	-2.4
Durables excluding capital goods	159,457	161,724	158,431	-1.4	+2.1	+1.5	162,774	157,544	156,226	146,775	+10.9
Miscellaneous series :											
Producers' durable equipment	282,788	278,287	272,411	+1.6	+2.2	-0.3	283,986	276,526	271,643	287,170	-1.1
Household durable goods	5,926	5,856	5,766	+1.2	+1.6	-0.3	6,029	5,446	5,687	5,551	+8.6
Information technology industries	45,777	45,011	41,674	+1.7	+8.0	+1.3	45,562	44,847	41,788	39,233	+16.1
Health care equipment and products	10,043	10,058	9,836	-0.1	+2.3	+1.1	10,290	10,076	9,862	10,056	+2.3
TOTAL INVENTORIES											
All manufacturing industries	471,949	470,377	469,836	+0.3	+0.1	+0.5	469,797	460,048	470,921	462,588	+1.6
Market categories :											
Automotive equipment	8,861	8,829	8,944	+0.4	-1.3	+0.5	8,757	8,411	8,950	8,527	+2.7
Home goods and apparel	31,845	31,861	31,665	-0.1	+0.6	+0.4	31,514	30,522	30,618	31,479	+0.1
Consumer staples	76,915	76,594	76,051	+0.4	+0.7	+0.4	76,829	75,925	77,703	73,284	+4.8
Machinery and equipment	114,897	115,566	117,040	-0.6	-1.3	+0.7	113,374	111,057	118,512	116,214	-2.4
Business supplies	28,616	28,412	28,514	+0.7	-0.4	+0.6	28,179	27,461	28,441	27,958	+0.8
Construction materials and supplies	30,791	30,556	30,290	+0.8	+0.9	+0.6	30,798	29,968	30,016	28,806	+6.9
Defense products	19,064	18,718	18,159	+1.8	+3.1	+0.2	18,898	18,171	18,012	17,888	+5.6
Other materials, supplies and and intermediate products	160,960	159,841	159,173	+0.7	+0.4	+0.4	161,448	158,533	158,669	158,432	+1.9
Durable goods industries :											
Nondefense capital goods ³	105,493	106,269	108,074	-0.7	-1.7	+0.7	103,836	101,952	109,521	108,410	-4.2
Excluding aircraft and parts	73,571	73,749	73,894	-0.2	-0.2	+1.7	72,372	70,626	74,403	70,061	+3.3
Defense capital goods ⁴	19,658	19,232	18,540	+2.2	+3.7	+0.5	19,437	18,612	18,393	18,204	+6.8
Durables excluding capital goods	170,991	169,533	168,356	+0.9	+0.7	+0.4	170,897	166,560	167,845	164,994	+3.6
Miscellaneous series :											
Producers' durable equipment	189,941	190,196	191,490	-0.1	-0.7	+0.7	188,041	184,005	192,643	188,340	-0.2
Household durable goods	16,680	16,597	16,501	+0.5	+0.6	+0.9	16,614	15,894	16,220	16,363	+1.5
Information technology industries	33,887	34,429	33,984	-1.6	+1.3	+2.2	32,898	32,727	34,176	30,833	+6.7
Health care equipment and products	21,239	20,990	20,724	+1.2	+1.3	+0.8	20,765	20,332	20,836	19,357	+7.3

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 Jan. 00/99
	Jan. 2000 ^p	Dec. 1999 ^r	Nov. 1999	Dec.- Jan.	Nov.- Dec.	Oct.- Nov.	Jan. 2000 ^p	Dec. 1999 ^r	Nov. 1999	Jan. 1999	
MATERIALS AND SUPPLIES											
All manufacturing industries	157,919	158,082	156,215	-0.1	+1.2	+1.4	159,029	157,994	156,048	154,756	+2.8
Durable goods industries	95,246	95,780	94,477	-0.6	+1.4	+1.7	95,786	95,520	94,885	92,392	+3.7
Stone, clay, and glass products	3,338	3,312	3,262	+0.8	+1.5	-0.4	3,355	3,336	3,262	3,146	+6.6
Primary metals	7,714	7,701	7,550	+0.2	+2.0	+1.5	7,836	8,050	7,711	7,794	+0.5
Fabricated metal products	10,790	10,775	10,675	+0.1	+0.9	+0.1	10,871	10,913	10,627	10,498	+3.6
Industrial machinery and equipment	19,904	20,823	20,633	-4.4	+0.9	+3.8	19,731	20,426	20,729	19,876	-0.7
Electronic and other electrical equipment	17,532	17,554	16,979	-0.1	+3.4	+3.7	17,560	17,274	17,005	15,454	+13.6
Transportation equipment	15,620	15,201	15,191	+2.8	+0.1	-0.3	15,734	14,965	15,110	15,340	+2.6
Instruments and related products	9,295	9,351	9,208	-0.6	+1.6	+0.4	9,255	9,177	9,108	8,824	+4.9
Lumber, furniture and miscellaneous durable goods	11,053	11,063	10,979	-0.1	+0.8	+1.4	11,444	11,379	11,333	11,460	-0.1
Nondurable goods industries	62,673	62,302	61,738	+0.6	+0.9	+0.9	63,243	62,474	61,163	62,364	+1.4
Food and kindred products	11,582	11,707	11,408	-1.1	+2.6	+1.3	11,790	11,795	11,429	11,604	+1.6
Tobacco products	4,573	4,529	4,505	+1.0	+0.5	-2.1	5,009	4,844	4,513	5,307	-5.6
Textile mill products	2,868	2,886	2,921	-0.6	-1.2	+0.2	2,865	2,842	2,825	2,880	-0.5
Paper and allied products	7,820	7,754	7,782	+0.9	-0.4	+0.3	7,840	7,827	7,746	7,853	-0.2
Chemicals and allied products	15,948	15,825	15,517	+0.8	+2.0	+1.2	15,980	15,729	15,314	15,743	+1.5
Petroleum and coal products	3,742	3,454	3,643	+8.3	-5.2	+2.5	3,637	3,353	3,675	2,976	+22.2
Rubber and plastics products	7,195	7,210	7,177	-0.2	+0.5	+1.2	7,257	7,303	7,122	6,894	+5.3
Apparel, printing and publishing and leather goods	8,945	8,937	8,785	+0.1	+1.7	+1.3	8,865	8,781	8,539	9,107	-2.7
WORK IN PROCESS											
All manufacturing industries	144,496	144,344	146,225	+0.1	-1.3	0.0	142,662	139,810	148,138	147,207	-3.1
Durable goods industries	114,096	113,607	115,411	+0.4	-1.6	-0.2	112,447	109,755	116,630	117,801	-4.5
Stone, clay, and glass products	1,576	1,565	1,574	+0.7	-0.6	-0.1	1,563	1,465	1,471	1,392	+12.3
Primary metals	8,423	8,323	8,289	+1.2	+0.4	+1.0	8,426	8,233	8,206	8,509	-1.0
Fabricated metal products	9,144	8,970	9,032	+1.9	-0.7	-0.8	9,003	8,771	9,099	8,899	+1.2
Industrial machinery and equipment	21,692	21,180	21,323	+2.4	-0.7	-1.2	21,346	20,146	21,600	22,125	-3.5
Electronic and other electrical equipment	13,886	14,085	14,001	-1.4	+0.6	-0.4	13,581	13,522	13,927	13,500	+0.6
Transportation equipment	43,630	43,915	45,285	-0.6	-3.0	-0.1	43,114	42,636	46,354	48,409	-10.9
Instruments and related products	9,945	9,868	10,107	+0.8	-2.4	-0.4	9,682	9,446	10,219	9,719	-0.4
Lumber, furniture and miscellaneous durable goods	5,800	5,701	5,800	+1.7	-1.7	+2.3	5,732	5,536	5,754	5,248	+9.2
Nondurable goods industries	30,400	30,737	30,814	-1.1	-0.2	+0.8	30,215	30,055	31,508	29,406	+2.8
Food and kindred products	6,303	6,264	6,295	+0.6	-0.5	+0.6	6,645	6,658	6,957	6,352	+4.6
Tobacco products	122	123	121	-0.8	-1.7	+14.2	132	127	148	98	+34.7
Textile mill products	2,464	2,453	2,462	+0.4	+0.4	+0.2	2,474	2,374	2,463	2,561	-3.4
Paper and allied products	1,740	1,718	1,776	+1.3	-3.3	+2.4	1,787	1,723	1,712	1,690	+5.7
Chemicals and allied products	8,723	8,878	8,894	-1.7	-0.2	-0.8	8,466	8,636	8,898	8,461	+0.1
Petroleum and coal products	3,092	3,240	3,139	-4.6	+3.2	+8.5	3,008	3,050	3,194	2,256	+33.3
Rubber and plastics products	2,167	2,258	2,234	-4.0	+1.1	-1.1	2,188	2,225	2,261	2,279	-4.0
Apparel, printing and publishing and leather goods	5,789	5,803	5,893	-0.2	-1.5	+0.1	5,515	5,262	5,875	5,709	-3.4
FINISHED GOODS											
All manufacturing industries	169,534	167,951	167,396	+0.9	+0.3	+0.1	168,106	162,244	166,735	160,625	+4.7
Durable goods industries	86,800	85,647	85,082	+1.3	+0.7	+0.2	85,937	81,849	84,244	81,415	+5.6
Stone, clay, and glass products	5,048	5,011	4,988	+0.7	+0.5	-0.3	5,093	4,881	4,782	4,864	+4.7
Primary metals	8,309	8,231	8,252	+0.9	-0.3	+0.2	8,360	8,162	8,161	8,222	+1.7
Fabricated metal products	11,727	11,656	11,671	+0.6	-0.1	+0.7	11,604	11,162	11,358	11,344	+2.3
Industrial machinery and equipment	18,904	18,403	18,539	+2.7	-0.7	+0.3	19,026	17,711	18,683	18,255	+4.2
Electronic and other electrical equipment	11,974	11,972	11,685	0.0	+2.5	+0.2	11,665	11,267	11,681	10,082	+15.7
Transportation equipment	9,965	9,953	9,941	+0.1	+0.1	+1.1	9,680	9,128	9,870	9,503	+1.9
Instruments and related products	8,163	7,961	7,747	+2.5	+2.8	+0.1	7,847	7,644	7,814	7,288	+7.7
Lumber, furniture and miscellaneous durable goods	12,710	12,460	12,259	+2.0	+1.6	-0.8	12,662	11,894	11,895	11,857	+6.8
Nondurable goods industries	82,734	82,304	82,314	+0.5	0.0	0.0	82,169	80,395	82,491	79,210	+3.7
Food and kindred products	21,091	21,062	21,094	+0.1	-0.2	-0.8	20,939	20,797	21,967	20,060	+4.4
Tobacco products	431	449	449	-4.0	0.0	-1.5	523	522	643	788	-33.6
Textile mill products	4,799	4,824	4,718	-0.5	+2.2	+0.4	4,779	4,540	4,575	4,625	+3.3
Paper and allied products	6,767	6,596	6,579	+2.6	+0.3	-0.8	6,760	6,405	6,500	6,686	+1.1
Chemicals and allied products	23,118	22,900	23,010	+1.0	-0.5	+1.8	23,183	22,690	22,936	22,010	+5.3
Petroleum and coal products	5,511	5,553	5,392	-0.8	+3.0	-3.8	5,360	5,338	5,530	4,768	+12.4
Rubber and plastics products	8,251	8,121	8,358	+1.6	-2.8	0.0	8,354	7,928	8,149	7,783	+7.3
Apparel, printing and publishing and leather goods	12,766	12,799	12,714	-0.3	+0.7	0.0	12,271	12,175	12,191	12,490	-1.8

^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 UNFULFILLED ORDERS TO SHIPMENTS, BY INDUSTRY GROUP
(Based on seasonally adjusted data)

Industry	Inventory / Shipments ratio				Unfilled Orders / Shipments ratio ¹			
	Jan. 2000 ^p	Dec. 1999 ^r	Nov. 1999	Oct. 1999	Jan. 2000 ^p	Dec. 1999 ^r	Nov. 1999	Oct. 1999
All manufacturing industries	1.27	1.28	1.29	1.30	2.55	2.57	2.54	2.57
Durable goods industries	1.41	1.43	1.44	1.45	2.98	3.01	2.97	2.99
Stone, clay, and glass products	1.12	1.11	1.09	1.11	0.75	0.74	0.73	0.73
Primary metals	1.53	1.54	1.55	1.57	1.99	2.02	2.08	2.13
Fabricated metal products	1.53	1.54	1.51	1.55	1.29	1.31	1.27	1.30
Industrial machinery and equipment	1.47	1.56	1.55	1.52	2.10	2.21	2.18	2.14
Electronic and other electrical equipment	1.15	1.20	1.20	1.21	2.22	2.36	2.25	2.19
Transportation equipment	1.40	1.38	1.46	1.48	9.10	8.39	8.58	8.78
Instruments and related products	1.80	1.79	1.81	1.82	3.06	3.06	3.05	3.09
Nondurable goods industries	1.09	1.09	1.09	1.10	0.65	0.66	0.67	0.68
Food and kindred products	0.93	0.93	0.92	0.92	(X)	(X)	(X)	(X)
Tobacco products	1.17	1.18	1.13	1.15	(X)	(X)	(X)	(X)
Textile mill products	1.51	1.54	1.54	1.52	(NA)	(NA)	(NA)	(NA)
Paper and allied products	1.15	1.12	1.13	1.17	(NA)	(NA)	(NA)	(NA)
Chemicals and allied products	1.35	1.34	1.32	1.32	(X)	(X)	(X)	(X)
Petroleum and coal products	0.69	0.70	0.73	0.77	(X)	(X)	(X)	(X)
Rubber and plastics products	1.24	1.22	1.24	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		
	Jan. ¹ 2000	Jan. ² 1995-1999	Jan. 1999- Dec. 1999	Jan. ¹ 2000	Jan. ² 1995-1999	Jan. 1999- Dec. 1999	Jan. ¹ 2000	Jan. ² 1995-1999	Jan. 1999- Dec. 1999	Jan. ¹ 2000	Jan. ² 1995-1999	Jan. 1999- Dec. 1999
All manufacturing industries	(X)	0.2	0.1	(X)	0.2	0.2	(X)	0.0	0.1	(X)	0.0	0.0
Durable goods industries	-0.9	0.2	0.1	-0.6	0.3	0.4	0.1	0.1	0.1	(X)	0.1	0.0
Stone, clay, and glass products	(X)	0.4	0.4	(X)	0.7	0.4	(X)	0.4	0.4	(X)	0.1	0.2
Primary metals	-0.1	0.3	0.2	1.0	0.8	0.8	0.2	0.4	0.3	(X)	0.1	0.1
Fabricated metal products	(X)	0.5	0.3	(X)	0.7	0.4	(X)	0.3	0.3	(X)	0.2	0.1
Industrial machinery and equipment	-3.0	0.9	0.4	-2.9	1.2	0.3	0.1	0.1	0.1	(X)	0.1	0.1
Electronic and other electrical equipment	-0.2	0.5	0.4	0.3	1.0	1.3	0.4	0.5	0.6	(X)	0.1	0.1
Transportation equipment	-0.4	0.4	0.5	-0.4	0.7	1.0	0.1	0.1	0.1	(X)	0.1	0.1
Instruments and related products	(X)	0.8	0.6	(X)	0.8	0.8	(X)	0.2	0.3	(X)	0.2	0.1
Nondurable goods industries	(X)	0.1	0.1	(X)	0.1	0.1	(X)	0.2	0.1	(X)	0.1	0.1
Food and kindred products	(X)	0.2	0.2	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.2	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	0.3	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	0.1	0.1
Paper and allied products	(X)	0.1	0.2	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	0.2	0.0
Chemicals and allied products	(X)	0.2	0.2	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.3	0.1
Petroleum and coal products	(X)	0.6	0.5	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.9	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	-2.3	0.9	0.2	-3.7	0.9	0.5	0.2	0.1	0.1	(X)	0.1	0.1
Defense	-0.9	1.0	0.8	7.9	1.3	5.0	0.0	0.1	0.3	(X)	0.1	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.

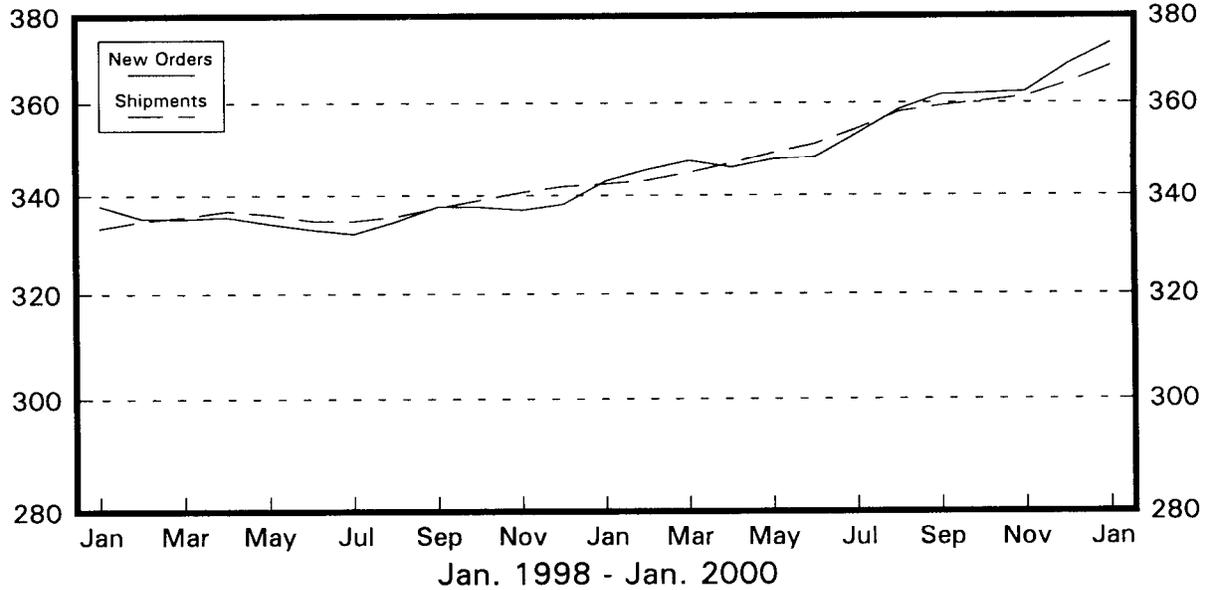
² Average for this month for the last five years.

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

Total Manufacturing

New Orders and Shipments
Three Month Moving Averages

Billions of Dollars

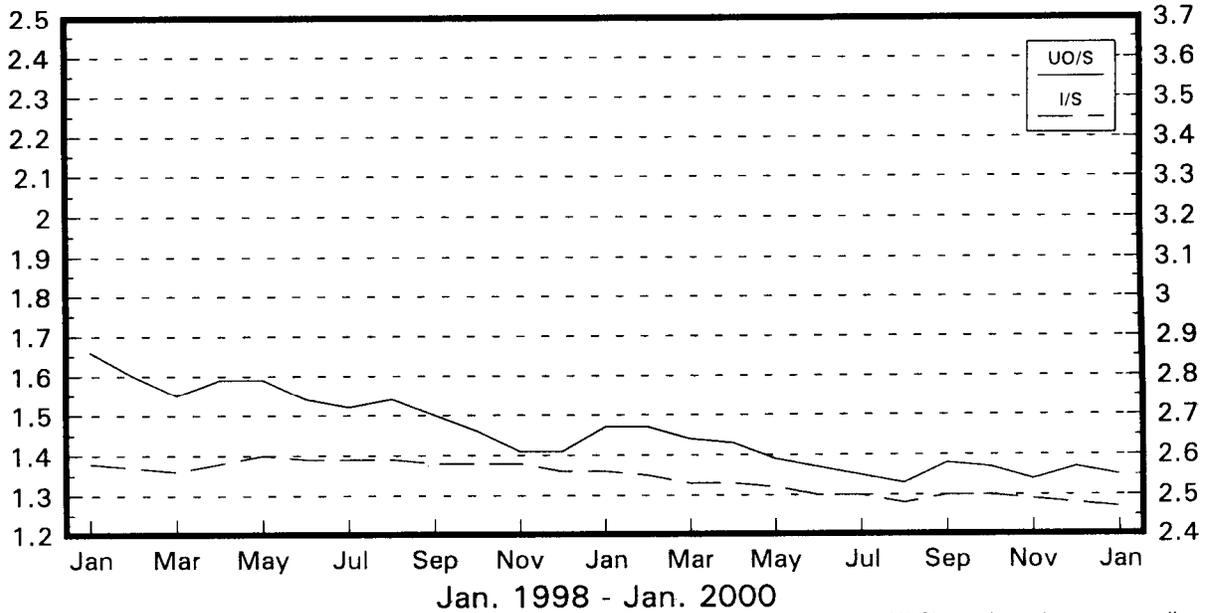


Total Manufacturing

Ratio of Unfilled Orders and
Inventories to Shipments

I/S Ratios

UO/S Ratios

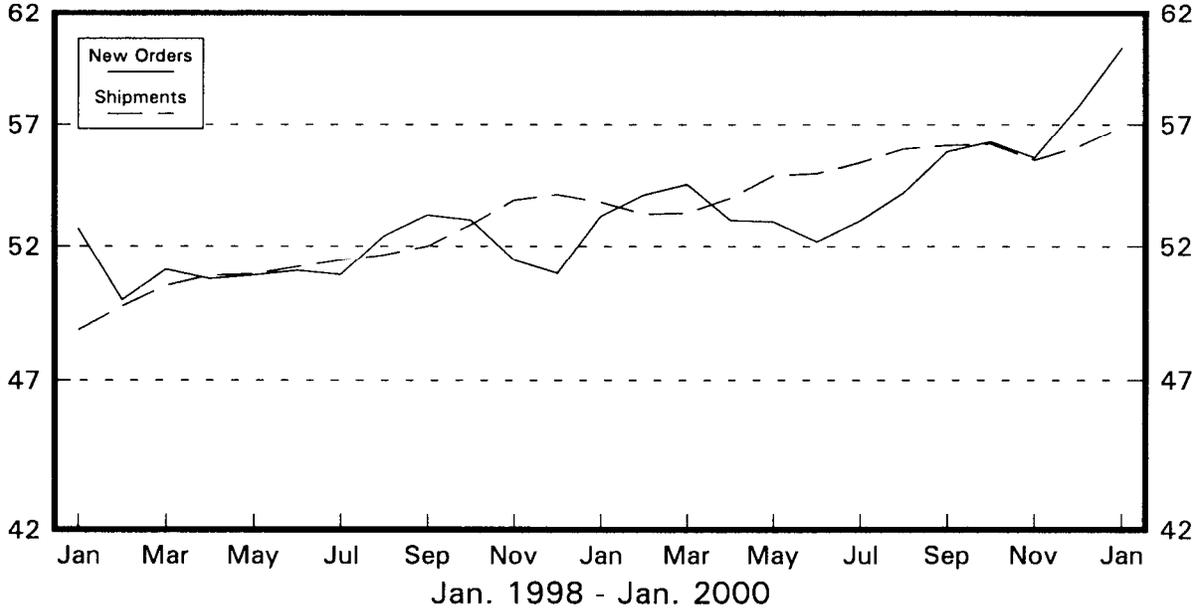


Note: All Charts based on seasonally adjusted current dollars.

Nondefense Capital Goods

New Orders and Shipments
Three Month Moving Averages

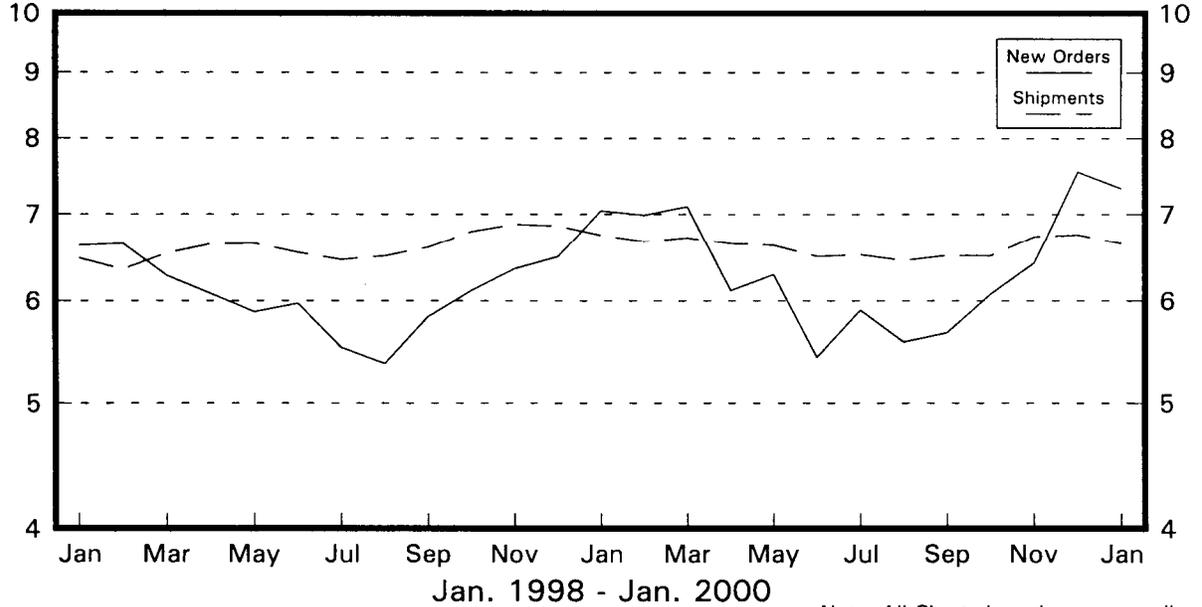
Billions of Dollars



Defense Capital Goods

New Orders and Shipments
Three Month Moving Averages

Billions of Dollars



Note: All Charts based on seasonally adjusted current dollars.