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BUREAU OF THE CENSUS

Manufacturers' Shipments, Inventories, and Orders

September 2000

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All figures in text are in seasonally adjusted current dollars

Summary

New orders for manufactured goods in September increased \$6.2 billion or 1.6 percent to \$388.6 billion, the Department of Commerce, Bureau of the Census reported today. This follows a 2.0 percent August increase and is the fourth increase in the last five months. Excluding transportation, new orders increased 0.7 percent. Year to date, new orders are 8.7 percent above the same period a year ago; new orders for the third quarter are 1.8 percent below the second quarter.

Shipments decreased \$0.4 billion or 0.1 percent to \$380.4 billion, following a 0.8 percent August increase. Year to date, shipments are 7.3 percent above the same period a year ago; shipments for the third quarter are up slightly from the second quarter.

Unfilled orders increased \$8.2 billion or 1.4 percent to \$589.4 billion, following a 0.3 percent August increase. This is the thirteenth increase in the last fifteen months. The unfilled orders-to-shipments ratio was 2.69, up from 2.65 in August.

Inventories increased \$0.8 billion or 0.2 percent to \$488.5 billion, following a 0.3 percent August increase. This is the sixth consecutive increase. The inventories-to-shipments ratio was 1.28, unchanged from August.

New Orders

New orders for manufactured durable goods in September increased \$6.5 billion or 3.0 percent to \$222.4 billion, revised from the previously published 1.8 percent increase. This is the fourth increase in the last five months.

Electronic and other electrical equipment had the largest increase, \$5.1 billion or 12.9 percent to \$45.0 billion, due to electronic components and communication equipment. Transportation equipment, up four of the last five months, increased \$3.8 billion or 7.6 percent to \$53.2 billion; led by aircraft and parts, all components increased. Primary metals increased \$0.6 billion or 3.8 percent to \$16.0 billion. Industrial machinery and equipment decreased \$2.3 billion or 5.1 percent to \$43.3 billion. This is the largest decrease since October 1998.

New orders for nondurable goods decreased \$0.3 billion or 0.2 percent to \$166.2 billion.

Shipments

Shipments of durable goods in September increased \$0.3 billion or 0.2 percent to \$214.4 billion, unrevised from the

previously published 0.2 percent increase. This is the fourth increase in the last five months.

Transportation equipment had the largest increase, \$1.0 billion or 2.0 percent to \$48.6 billion, led by motor vehicles and parts. This is the fourth increase in the last five months. Electronic and other electrical equipment, up six of the last seven months, increased \$0.6 billion or 1.6 percent to \$41.8 billion. Industrial machinery and equipment, down four of the last five months, decreased \$0.5 billion or 1.2 percent to \$43.1 billion.

Shipments of nondurable goods decreased \$0.7 billion or 0.4 percent to \$166.0 billion. Chemicals and allied products had the largest decrease, \$0.5 billion or 1.3 percent to \$36.6 billion.

Unfilled Orders

Unfilled orders for durable goods in September increased \$8.0 billion or 1.4 percent to \$563.9 billion. This is the thirteenth increase in the last fifteen months.

Transportation equipment had the largest increase, \$4.6 billion or 1.9 percent to \$248.8 billion, due to aircraft and parts. Electronic and other electrical equipment increased \$3.2 billion or 3.2 percent to \$103.5 billion.

Inventories

Inventories of durable goods in September increased \$0.3 billion or 0.1 percent to \$305.4 billion. This is the twelfth increase in the last thirteen months.

Industrial machinery and equipment had the largest increase, \$0.2 billion or 0.3 percent to \$62.5 billion. This is the sixth consecutive increase.

Inventories of nondurable goods, up fourteen of the last fifteen months, increased \$0.5 billion or 0.3 percent to \$183.0 billion. Chemicals and allied products, up twelve consecutive months, had the largest increase, \$0.5 billion or 1.0 percent to \$50.9 billion.

By stage of fabrication, September finished goods increased 0.3 percent in durables and 0.7 percent in nondurables. Work in process decreased 0.1 percent in durables and 0.6 percent in nondurables. Materials and supplies increased slightly in durables and 0.2 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 Sept. 00/99	Year to date	
	Sept. 2000 ^p	Aug. 2000 ^f	July 2000	Aug. - Sept.	July - Aug.	June - July	Sept. 2000 ^p	Aug. 2000 ^f	July 2000	Sept. 1999		2000 ^p	1999
All manufacturing industries.....	380,389	380,780	377,584	-0.1	+0.8	-1.7	406,602	382,021	339,435	384,195	+5.8	3,387,432	3,159,136
Manufacturing industries with unfilled orders.....	218,747	219,279	216,896	-0.2	+1.1	-1.5	237,595	217,055	193,306	221,109	+7.5	1,930,589	1,798,405
without defense capital goods.....	374,043	374,527	371,033	-0.1	+0.9	-1.6	399,902	376,085	333,684	377,344	+6.0	3,331,171	3,101,529
Durable goods industries.....	214,359	214,018	212,142	+0.2	+0.9	-2.5	232,851	210,451	180,056	219,306	+6.2	1,902,034	1,787,516
With unfilled orders.....	179,487	179,956	177,514	-0.3	+1.4	-1.8	196,144	176,261	155,172	181,172	+8.3	1,579,609	1,464,255
Stone, clay, and glass products.....	8,739	8,867	8,786	-1.4	+0.9	-0.3	9,160	9,377	8,726	9,456	-3.1	79,854	77,481
Primary metals.....	15,754	15,842	15,917	-0.6	-0.5	-1.1	16,259	15,900	14,462	15,852	+2.6	144,910	133,313
Blast furnaces, steel mills.....	5,710	5,925	6,032	-3.6	-1.8	-1.8	5,774	5,971	5,464	5,949	-2.9	55,292	51,338
Iron and steel foundries.....	1,407	1,431	1,470	-1.7	-2.7	+0.9	1,472	1,452	1,244	1,634	-9.9	13,382	13,966
Nonferrous and other primary metals.....	8,637	8,486	8,415	+1.8	+0.8	-0.9	9,013	8,477	7,754	8,269	+9.0	76,236	68,009
Fabricated metal products.....	20,260	20,545	20,384	-1.4	+0.8	-1.3	21,299	21,222	18,021	21,576	-1.3	185,327	184,660
Industrial machinery and equipment.....	43,085	43,617	44,185	-1.2	-1.3	+5.0	47,325	40,645	39,090	41,716	+13.4	380,491	338,053
Engines and turbines.....	2,634	2,728	2,715	-3.4	+0.5	+4.2	2,902	2,479	1,885	3,026	-4.1	23,418	21,829
Farm and garden machinery.....	2,089	2,098	2,139	-0.4	-1.9	+4.6	1,846	1,690	1,775	1,550	+19.1	19,964	17,793
Construction, mining and material handling equipment.....	3,842	3,898	4,000	-1.4	-2.6	-0.1	3,849	3,685	3,764	3,868	-0.5	36,490	35,417
Metalworking machinery.....	3,859	3,890	3,819	-0.8	+1.9	+2.1	4,445	3,723	3,182	4,352	+2.1	33,178	31,439
Computer and office equipment.....	14,606	14,646	15,131	-0.3	-3.2	+8.6	17,722	13,407	13,138	13,835	+28.1	124,000	101,835
Electronic and other electrical equipment.....	41,823	41,176	40,771	+1.6	+1.0	-1.3	47,856	39,559	35,994	40,421	+18.4	354,498	300,680
Electrical transmission and distribution equipment and industrial apparatus.....	4,196	4,166	4,175	+0.7	-0.2	-0.4	4,781	4,101	3,803	4,499	+6.3	37,809	34,681
Household appliances.....	2,416	2,347	2,294	+2.9	+2.3	-4.6	2,549	2,318	2,124	2,344	+8.7	21,891	21,284
Electric lighting and wiring equipment.....	2,590	2,595	2,669	-0.2	-2.8	-2.3	2,900	2,573	2,243	2,871	+1.0	23,067	21,358
Household audio and video equipment.....	1,074	1,136	1,228	-5.5	-7.5	-0.2	1,237	1,197	1,156	1,278	-3.2	10,080	9,134
Communications equipment.....	10,728	10,391	10,146	+3.2	+2.4	+1.1	12,815	9,129	8,589	10,521	+21.8	88,965	72,701
Electronic components.....	18,739	18,338	18,133	+2.2	+1.1	-1.9	21,153	18,019	16,438	16,134	+31.1	153,814	121,678
Transportation equipment.....	48,625	47,649	46,651	+2.0	+2.1	-10.7	51,907	47,448	31,413	51,593	+0.6	433,587	434,479
Motor vehicles and parts.....	32,677	31,994	32,990	+2.1	-3.0	-5.8	34,547	32,199	19,820	35,918	-3.8	299,011	299,138
Aircraft, missiles, space vehicles, and parts.....	12,008	12,063	10,268	-0.5	+17.5	-17.1	12,975	11,562	8,670	11,505	+12.8	100,459	104,161
Shipbuilding and tanks.....	1,076	1,152	1,183	-6.6	-2.6	+6.7	1,122	1,151	1,122	1,303	-13.9	9,696	8,907
Instruments and related products.....	15,637	15,476	14,841	+1.0	+4.3	-4.3	17,387	14,988	13,134	16,386	+6.1	134,560	128,660
Search and navigation equipment.....	3,060	3,083	3,002	-0.7	+2.7	-7.4	3,352	2,982	2,691	3,424	-2.1	27,301	28,089
Measuring and controlling devices.....	5,317	5,051	4,742	+5.3	+6.5	-9.2	5,842	4,971	4,120	4,720	+23.8	43,784	37,192
Medical instruments and supplies.....	4,812	4,868	4,699	-1.2	+3.6	+0.7	5,460	4,680	4,180	5,569	-2.0	41,885	42,912
Photographic goods.....	1,942	1,947	1,868	-0.3	+4.2	0.0	2,210	1,824	1,627	2,149	+2.8	16,951	16,076
All other durable goods.....	20,436	20,846	20,607	-2.0	+1.2	-1.5	21,658	21,312	19,216	22,306	-2.9	188,807	190,189
Nondurable goods industries.....	166,030	166,762	165,442	-0.4	+0.8	-0.7	173,751	171,570	159,379	164,889	+5.4	1,485,398	1,371,620
With unfilled orders.....	39,260	39,323	39,382	-0.2	-0.1	-0.3	41,451	40,794	38,134	39,937	+3.8	350,980	334,150
Food and kindred products.....	42,783	42,852	42,494	-0.2	+0.8	-0.3	44,654	43,727	40,612	44,064	+1.3	379,926	372,234
Meat products.....	9,926	9,939	9,868	-0.1	+0.7	+0.2	10,069	10,250	9,673	9,457	+6.5	87,201	79,167
Dairy products.....	6,308	6,245	6,295	+1.0	-0.8	-2.2	6,576	6,261	5,906	6,759	-2.7	56,252	57,947
Beverages.....	6,776	6,680	6,570	+1.4	+1.7	+0.2	7,006	7,173	6,835	6,593	+6.3	60,524	57,482
All other foods, except fats and oils.....	17,992	18,217	18,054	-1.2	+0.9	+0.4	19,222	18,272	16,491	19,462	-1.2	159,868	161,139
Tobacco products.....	4,342	4,575	4,478	-5.1	+2.2	+4.2	4,029	4,822	4,342	4,132	-2.5	39,605	37,401
Textile mill products.....	6,272	6,370	6,507	-1.5	-2.1	-0.7	6,800	6,719	6,016	7,130	-4.6	58,359	58,798
Broadwoven fabrics and other textiles.....	3,551	3,608	3,655	-1.6	-1.3	+0.1	3,880	3,721	3,225	3,963	-2.1	32,733	33,641
Paper and allied products.....	14,369	14,394	14,542	-0.2	-1.0	0.0	14,789	14,651	14,154	14,250	+3.8	130,446	122,287
Pulp, paper, and paperboard mill products.....	5,680	5,679	5,815	0.0	-2.3	-0.7	5,798	5,781	5,747	5,534	+4.8	52,056	46,996
Paperboard containers and boxes.....	3,758	3,881	3,878	-3.2	+0.1	-1.6	3,802	3,991	3,700	3,620	+5.0	35,274	30,556
Miscellaneous converted paper products.....	4,931	4,834	4,849	+2.0	-0.3	+2.3	5,189	4,879	4,707	5,096	+1.8	43,116	44,735
Chemicals and allied products.....	36,600	37,072	36,586	-1.3	+1.3	-0.1	38,098	36,925	34,639	36,521	+4.3	330,431	308,185
Industrial chemicals.....	15,939	16,125	16,019	-1.2	+0.7	+0.1	16,203	16,145	15,491	16,007	+1.2	144,927	136,003
Drugs, soaps, and toiletries.....	16,864	17,060	16,642	-1.1	+2.5	-0.5	18,602	17,215	15,497	17,153	+8.4	148,464	135,426
Petroleum and coal products.....	20,368	19,815	19,718	+2.8	+0.5	-3.1	21,473	20,858	20,296	16,642	+29.0	175,194	120,788
Rubber and plastics products.....	14,233	14,531	14,439	-2.1	+0.6	-1.7	14,681	14,853	13,105	14,291	+2.7	131,838	123,502
All other nondurable goods.....	27,063	27,153	26,678	-0.3	+1.8	-0.8	29,227	29,015	26,215	27,859	+4.9	239,599	228,425

^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.

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 Sept. 00/99	Year to date	
	Sept. 2000 ^p	Aug. 2000 ^f	July 2000	Aug. - Sept.	July - Aug.	June - July	Sept. 2000 ^p	Aug. 2000 ^f	July 2000	Sept. 1999		2000 ^p	1999
All manufacturing industries.....	388,575	382,368	375,030	+1.6	+2.0	-8.1	407,737	381,043	345,466	380,404	+7.2	3,439,032	3,167,332
Manufacturing industries with unfilled orders.....	226,933	220,867	214,342	+2.7	+3.0	-12.2	238,730	216,077	199,337	217,318	+9.9	1,982,189	1,806,601
without defense capital goods.....	381,666	375,062	368,944	+1.8	+1.7	-4.8	401,343	375,481	341,098	375,331	+6.9	3,368,608	3,116,058
Durable goods industries.....	222,385	215,860	209,877	+3.0	+2.9	-13.2	234,661	210,141	185,540	216,720	+8.3	1,952,951	1,793,374
With unfilled orders.....	187,513	181,798	175,249	+3.1	+3.7	-14.4	197,954	175,951	160,656	178,586	+10.8	1,630,526	1,470,113
Stone, clay, and glass products.....	8,704	8,803	8,763	-1.1	+0.5	+0.2	9,103	9,249	8,689	9,518	-4.4	79,800	77,457
Primary metals.....	16,022	15,430	15,597	+3.8	-1.1	-2.5	15,899	15,172	14,206	15,242	+4.3	143,746	135,660
Blast furnaces, steel mills.....	5,778	5,640	5,687	+2.4	-0.8	-3.9	5,458	5,533	5,012	5,609	-2.7	53,722	52,630
Iron and steel foundries.....	1,359	1,365	1,535	-0.4	-11.1	-1.3	1,320	1,386	1,277	1,450	-9.0	13,544	13,352
Nonferrous and other primary metals.....	8,885	8,425	8,375	+5.5	+0.6	-1.6	9,121	8,253	7,917	8,183	+11.5	76,480	69,678
Fabricated metal products.....	20,123	20,587	20,249	-2.3	+1.7	-1.4	20,860	21,257	18,115	21,143	-1.3	185,687	184,289
Industrial machinery and equipment.....	43,277	45,623	45,820	-5.1	-0.4	+5.1	47,098	42,917	40,972	43,040	+9.4	390,704	343,825
Engines and turbines.....	3,230	3,274	3,993	-1.3	-18.0	-12.2	3,892	3,261	3,380	4,585	-15.1	28,999	27,159
Construction, mining and material handling equipment.....	4,018	3,865	3,859	+4.0	+0.2	-5.0	3,963	3,422	3,397	3,612	+9.7	36,243	34,120
Metalworking machinery.....	4,022	3,966	3,593	+1.4	+10.4	+2.8	4,608	3,799	2,956	4,474	+3.0	33,490	32,125
Computer and office equipment.....	14,040	15,725	15,020	-10.7	+4.7	+8.8	16,785	14,741	13,119	13,589	+23.5	124,676	102,342
Electronic and other electrical equipment.....	44,990	39,858	38,150	+12.9	+4.5	-18.9	47,451	37,214	40,335	40,871	+16.1	371,439	317,052
Electrical transmission and distribution equipment and industrial apparatus.....	4,234	4,043	4,157	+4.7	-2.7	-8.2	4,603	4,055	3,836	4,326	+6.4	38,315	35,185
Electric lighting and wiring equipment.....	2,416	2,537	2,744	-4.8	-7.5	+6.3	2,726	2,515	2,318	2,578	+5.7	23,187	21,345
Communications equipment.....	12,337	10,015	10,258	+23.2	-2.4	-23.1	14,363	8,319	8,334	11,516	+24.7	93,462	74,387
Electronic components.....	20,865	17,256	15,182	+20.9	+13.7	-28.0	20,281	16,034	20,823	16,257	+24.8	165,065	136,276
Transportation equipment.....	53,217	49,441	46,161	+7.6	+7.1	-32.6	55,720	48,619	30,942	49,046	+13.6	455,773	416,752
Aircraft, missiles, space vehicles, and parts.....	16,740	14,615	9,932	+14.5	+47.2	-67.0	17,024	13,398	8,132	9,687	+75.7	124,329	90,624
Shipbuilding and tanks.....	1,237	619	815	+99.8	-24.0	+36.3	1,382	580	741	892	+54.9	8,565	7,856
Instruments and related products.....	15,556	15,323	14,662	+1.5	+4.5	-12.0	16,961	14,639	12,954	15,809	+7.3	135,936	127,430
Search and navigation equipment...	2,831	2,856	2,877	-0.9	-0.7	-30.4	2,998	2,478	2,217	3,161	-5.2	27,485	26,945
Measuring and controlling devices...	5,324	5,127	4,842	+3.8	+5.9	-4.4	5,849	5,047	4,220	4,747	+23.2	44,317	37,184
Medical instruments and supplies...	4,962	4,845	4,530	+2.4	+7.0	-11.1	5,396	4,735	4,355	5,236	+3.1	42,568	42,953
All other durable goods.....	20,496	20,795	20,475	-1.4	+1.6	-1.0	21,569	21,074	19,327	22,051	-2.2	189,866	190,959
Nondurable goods industries.....	166,190	166,508	165,153	-0.2	+0.8	-0.7	173,076	170,902	159,926	163,684	+5.7	1,486,081	1,373,958
With unfilled orders.....	39,420	39,069	39,093	+0.9	-0.1	-0.5	40,776	40,126	38,681	38,732	+5.3	351,663	336,488

Preliminary ^p Revised ^f

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

) When new orders for a prior month are negative because of cancellations, the percentage change calculation is algebraically negative, even though there is a 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 sampling 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(97), "Manufacturers' Shipments, Inventories, and Orders: 1987-1997."

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 Sept. 00/99
	Sept. 2000 ^p	Aug. 2000 ^r	July 2000	Aug. - Sept.	July - Aug.	June - July	Sept. 2000 ^p	Aug. 2000 ^r	July 2000	Sept. 1999	
All manufacturing industries.....	589,363	581,177	579,589	+1.4	+0.3	-0.4	584,291	583,156	584,134	521,233	+12.1
Manufacturing industries without defense capital goods.....	479,789	472,166	471,631	+1.6	+0.1	-0.4	476,488	475,047	475,651	431,853	+10.3
Durable goods industries.....	563,915	555,889	554,047	+1.4	+0.3	-0.4	558,696	556,886	557,196	495,949	+12.7
Stone, clay, and glass products.....	6,261	6,296	6,360	-0.6	-1.0	-0.4	6,183	6,240	6,368	6,047	+2.2
Primary metals.....	30,826	30,558	30,970	+0.9	-1.3	-1.0	29,957	30,317	31,045	31,194	-4.0
Blast furnaces, steel mills.....	11,651	11,583	11,868	+0.6	-2.4	-2.8	11,063	11,379	11,817	12,327	-10.3
Iron and steel foundries.....	4,952	5,000	5,066	-1.0	-1.3	+1.3	4,826	4,978	5,044	4,738	+1.9
Nonferrous and other primary metals.....	14,223	13,975	14,036	+1.8	-0.4	-0.3	14,068	13,960	14,184	14,129	-0.4
Fabricated metal products.....	25,084	25,221	25,179	-0.5	+0.2	-0.5	25,108	25,547	25,512	25,063	+0.2
Industrial machinery and equipment.....	92,293	92,101	90,095	+0.2	+2.2	+1.8	91,440	91,667	89,395	80,213	+14.0
Engines and turbines.....	30,236	29,640	29,094	+2.0	+1.9	+4.6	30,379	29,389	28,607	24,055	+26.3
Construction, mining and material handling equipment.....	8,765	8,589	8,622	+2.0	-0.4	-1.6	8,332	8,218	8,481	8,336	0.0
Metalworking machinery.....	6,802	6,639	6,563	+2.5	+1.2	-3.3	6,802	6,639	6,563	7,132	-4.6
Computer and office equipment.....	9,315	9,881	8,802	-5.7	+12.3	-1.2	9,357	10,294	8,960	8,448	+10.8
Electronic and other electrical equipment.....	103,524	100,357	101,675	+3.2	-1.3	-2.5	100,628	101,033	103,378	74,178	+35.7
Electrical transmission and distribution equipment and industrial apparatus.....	7,515	7,477	7,600	+0.5	-1.6	-0.2	7,402	7,580	7,626	6,685	+10.7
Electric lighting and wiring equipment.....	5,152	5,326	5,384	-3.3	-1.1	+1.4	5,152	5,326	5,384	5,009	+2.9
Communications equipment.....	31,445	29,836	30,212	+5.4	-1.2	+0.4	30,120	28,572	29,382	18,743	+60.7
Electronic components.....	52,953	50,827	51,909	+4.2	-2.1	-5.4	51,725	52,597	54,582	38,253	+35.2
Transportation equipment.....	248,791	244,199	242,407	+1.9	+0.7	-0.2	248,568	244,755	243,584	224,857	+10.5
Aircraft, missiles, space vehicles, and parts.....	214,566	209,834	207,282	+2.3	+1.2	-0.2	214,378	210,329	208,493	190,471	+12.6
Shipbuilding and tanks.....	18,301	18,140	18,673	+0.9	-2.9	-1.9	18,397	18,137	18,708	18,271	+0.7
Instruments and related products.....	48,309	48,390	48,543	-0.2	-0.3	-0.4	47,872	48,298	48,647	45,955	+4.2
Search and navigation equipment.....	25,862	26,091	26,318	-0.9	-0.9	-0.5	25,604	25,958	26,462	25,284	+1.3
Measuring and controlling devices.....	10,665	10,658	10,582	+0.1	+0.7	+1.0	10,665	10,658	10,582	10,177	+4.8
Medical instruments and supplies.....	10,890	10,740	10,763	+1.4	-0.2	-1.5	10,718	10,782	10,727	9,627	+11.3
All other durable goods.....	8,827	8,767	8,818	+0.7	-0.6	-1.5	8,940	9,029	9,267	8,442	+5.9
Nondurable goods industries.....	25,448	25,288	25,542	+0.6	-1.0	-1.1	25,595	26,270	26,938	25,284	+1.2

^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 Sept. 00/99
	Sept. 2000 ^p	Aug. 2000 ^r	July 2000	Aug. - Sept.	July - Aug.	June - July	Sept. 2000 ^p	Aug. 2000 ^r	July 2000	Sept. 1999	
All manufacturing industries.....	488,455	487,644	486,303	+0.2	+0.3	+0.9	487,707	491,512	488,546	465,082	+4.9
Manufacturing industries with unfilled orders.....	322,189	321,553	319,845	+0.2	+0.5	+0.8	322,094	326,006	323,033	308,986	+4.2
without defense capital goods.....	469,537	469,014	467,704	+0.1	+0.3	+1.1	468,458	472,543	469,622	445,929	+5.1
Durable goods industries.....	305,429	305,162	303,724	+0.1	+0.5	+0.9	304,735	308,777	305,765	292,311	+4.3
With unfilled orders.....	279,532	279,026	277,548	+0.2	+0.5	+0.8	279,302	282,821	279,975	268,212	+4.1
Stone, clay, and glass products.....	10,315	10,227	10,152	+0.9	+0.7	+0.7	10,139	10,201	10,168	9,549	+6.2
Primary metals.....	25,116	25,122	25,211	0.0	-0.4	+0.7	25,089	25,221	25,336	23,677	+6.0
Blast furnaces, steel mills.....	12,263	12,257	12,363	0.0	-0.9	+0.6	12,291	12,343	12,474	11,319	+8.6
Iron and steel foundries.....	1,616	1,612	1,600	+0.2	+0.8	+0.5	1,581	1,584	1,584	1,541	+2.6
Nonferrous and other primary metals.....	11,237	11,253	11,248	-0.1	0.0	+0.9	11,217	11,294	11,278	10,817	+3.7
Fabricated metal products.....	32,630	32,779	32,563	-0.5	+0.7	+1.0	32,441	32,821	32,761	30,991	+4.7
Industrial machinery and equipment.....	62,516	62,311	61,946	+0.3	+0.6	+1.3	62,198	63,223	62,006	59,763	+4.1
Engines and turbines.....	4,748	4,781	4,774	-0.7	+0.1	+1.6	4,729	5,023	4,871	4,460	+6.0
Farm and garden machinery.....	3,732	3,891	3,812	-4.1	+2.1	+1.3	3,449	3,607	3,459	3,363	+2.6
Construction, mining and material handling equipment.....	9,037	9,010	8,938	+0.3	+0.8	+2.0	8,908	8,916	8,823	8,709	+2.3
Metalworking machinery.....	8,315	8,355	8,323	-0.5	+0.4	+0.4	8,523	8,775	8,565	8,261	+3.2
Computer and office equipment.....	8,845	8,736	8,602	+1.2	+1.6	+1.4	8,910	9,405	8,867	9,170	-2.8
Electronic and other electrical equipment.....	46,245	46,230	45,902	0.0	+0.7	+1.5	45,731	47,101	46,473	41,195	+11.0
Electrical transmission and distribution equipment and industrial apparatus.....	5,988	5,720	5,562	+4.7	+2.8	+1.3	5,934	5,716	5,525	5,219	+13.7
Household appliances.....	2,652	2,682	2,680	-1.1	+0.1	+1.7	2,519	2,637	2,694	2,281	+10.4
Electric lighting and wiring equipment.....	4,098	4,114	4,090	-0.4	+0.6	-0.2	4,064	4,210	4,170	3,663	+10.9
Household audio and video equipment.....	1,194	1,185	1,144	+0.8	+3.6	-2.4	1,285	1,298	1,255	1,140	+12.7
Communications equipment.....	11,566	12,089	11,909	-4.3	+1.5	+0.7	11,477	12,448	11,979	10,950	+4.8
Electronic components.....	16,467	16,242	16,352	+1.4	-0.7	+2.2	16,180	16,442	16,514	14,354	+12.7
Transportation equipment.....	69,242	69,259	69,254	0.0	0.0	+0.1	69,708	70,183	69,929	71,147	-2.0
Motor vehicles and parts.....	18,902	18,808	18,725	+0.5	+0.4	+1.2	18,954	19,200	19,075	17,492	+8.4
Aircraft, missiles, space vehicles, and parts.....	44,136	44,141	44,364	0.0	-0.5	-0.7	44,620	44,573	44,624	47,687	-6.4
Shipbuilding and tanks.....	2,509	2,411	2,410	+4.1	0.0	-3.1	2,493	2,395	2,396	2,207	+13.0
Instruments and related products.....	27,919	27,968	27,847	-0.2	+0.4	+0.7	27,928	28,617	28,232	27,106	+3.0
Search and navigation equipment.....	6,744	6,762	6,732	-0.3	+0.4	-0.2	6,752	6,946	6,917	6,960	-3.0
Measuring and controlling devices.....	9,127	9,092	8,977	+0.4	+1.3	+1.9	9,122	9,335	9,083	8,209	+11.1
Medical instruments and supplies.....	8,871	8,952	9,005	-0.9	-0.6	-0.1	8,803	9,115	9,089	8,791	+0.1
Photographic goods.....	2,437	2,427	2,401	+0.4	+1.1	+1.0	2,518	2,483	2,408	2,401	+4.9
All other durable goods.....	31,446	31,266	30,849	+0.6	+1.4	+0.8	31,501	31,410	30,860	28,883	+9.1
Nondurable goods industries.....	183,026	182,482	182,579	+0.3	-0.1	+0.9	182,972	182,735	182,781	172,771	+5.9
With unfilled orders.....	42,657	42,527	42,297	+0.3	+0.5	+0.7	42,792	43,185	43,058	40,774	+4.9
Food and kindred products.....	38,134	38,565	38,917	-1.1	-0.9	-0.4	38,690	38,177	37,778	38,860	-0.4
Meat products.....	4,622	4,616	4,615	+0.1	0.0	+0.1	4,546	4,520	4,629	4,315	+5.4
Dairy products.....	3,870	3,855	3,896	+0.4	-1.1	-0.1	3,831	3,915	4,028	3,855	-0.6
Beverages.....	8,916	8,843	8,789	+0.8	+0.6	-0.1	9,009	8,623	8,554	8,694	+3.6
All other foods, except fats and oils..	19,240	19,744	20,094	-2.6	-1.7	-0.5	19,909	19,751	19,117	20,524	-3.0
Tobacco products.....	5,435	5,336	5,350	+1.9	-0.3	-0.6	5,292	4,955	4,838	5,014	+5.5
Textile mill products.....	10,524	10,461	10,434	+0.6	+0.3	+0.4	10,402	10,531	10,590	9,975	+4.3
Broadwoven fabrics and other textiles.....	6,089	6,085	6,069	+0.1	+0.3	0.0	5,968	6,104	6,119	5,991	-0.4
Paper and allied products.....	17,345	17,342	17,308	0.0	+0.2	+1.8	17,199	17,331	17,321	16,003	+7.5
Pulp, paper, and paperboard mill products.....	6,800	6,814	6,816	-0.2	0.0	+1.9	6,730	6,803	6,785	6,260	+7.5
Paperboard containers and boxes.....	4,577	4,528	4,543	+1.1	-0.3	+0.9	4,565	4,515	4,564	4,170	+9.5
Miscellaneous converted paper products.....	5,968	6,000	5,949	-0.5	+0.9	+2.4	5,904	6,013	5,972	5,573	+5.9
Chemicals and allied products.....	50,907	50,412	50,335	+1.0	+0.2	+2.2	50,320	50,515	50,689	45,926	+9.6
Industrial chemicals.....	20,666	20,554	20,764	+0.5	-1.0	+1.3	20,625	20,581	20,864	19,147	+7.7
Drugs, soaps, and toiletries.....	24,240	23,945	23,679	+1.2	+1.1	+4.0	23,971	24,321	24,164	21,215	+13.0
Petroleum and coal products.....	14,188	14,045	14,174	+1.0	-0.9	+0.5	14,419	14,182	14,375	12,106	+19.1
Rubber and plastics products.....	18,652	18,626	18,577	+0.1	+0.3	+1.1	18,340	18,472	18,588	17,159	+6.9
All other nondurable goods.....	27,841	27,695	27,484	+0.5	+0.8	+0.4	28,310	28,572	28,602	27,728	+2.1

^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 SERIES ¹**
(Millions of Dollars)

Industry	Seasonally Adjusted						Not Seasonally Adjusted ²						
	Monthly			Percent Change			Monthly				Percent Change Sept. 00/99	Year to date	
	Sept. 2000 ^p	Aug. 2000 ^r	July 2000	Aug. - Sept.	July - Aug.	June - July	Sept. 2000 ^p	Aug. 2000 ^r	July 2000	Sept. 1999		2000 ^p	1999
SHIPMENTS													
All manufacturing industries.....	380,389	380,780	377,584	-0.1	+0.8	-1.7	406,602	382,021	339,435	384,195	+5.8	3,387,432	3,159,136
Market categories:													
Automotive equipment.....	16,332	15,859	16,250	+3.0	-2.4	-6.6	17,660	15,991	9,947	17,914	-1.4	148,302	145,872
Home goods and apparel.....	20,347	20,870	20,708	-2.5	+0.8	-0.4	22,312	22,027	19,277	22,023	+1.3	186,960	178,299
Consumer staples.....	80,864	80,979	80,123	-0.1	+1.1	-0.5	85,082	83,229	77,450	79,898	+6.5	713,744	654,043
Machinery and equipment.....	75,021	74,971	73,063	+0.1	+2.6	-2.6	83,363	70,949	61,346	75,318	+10.7	654,471	604,707
Business supplies.....	28,649	28,634	28,409	+0.1	+0.8	-0.2	29,944	29,018	27,026	28,057	+6.7	252,585	236,228
Construction materials and supplies.....	23,019	23,094	22,950	-0.3	+0.6	-1.8	24,448	24,274	22,386	24,912	-1.9	211,425	207,863
Defense products.....	6,552	6,535	6,718	+0.3	-2.7	-6.3	6,915	6,245	5,967	7,134	-3.1	58,473	59,886
Other materials, supplies and intermediate products.....	129,605	129,838	129,363	-0.2	+0.4	-1.6	136,878	130,288	116,036	128,939	+6.2	1,161,472	1,072,238
Durable goods industries:													
Nondefense capital goods ³ Excluding aircraft and parts.....	62,847	62,832	60,773	0.0	+3.4	-1.9	71,081	58,678	53,390	61,867	+14.9	540,925	486,317
Defense capital goods ⁴	6,346	6,253	6,551	+1.5	-4.5	-7.1	6,700	5,936	5,751	6,851	-2.2	56,261	57,607
Durables excluding capital goods.....	145,166	144,933	144,818	+0.2	+0.1	-2.6	155,070	145,837	120,915	150,588	+3.0	1,304,848	1,243,592
Miscellaneous series:													
Producers' durable equipment.....	138,974	138,876	137,539	+0.1	+1.0	-2.6	151,789	135,041	111,448	143,098	+6.1	1,233,517	1,166,550
Household durable goods.....	10,754	11,124	11,212	-3.3	-0.8	+0.5	11,772	11,117	9,792	11,518	+2.2	98,997	92,308
Information technology industries.....	33,486	32,926	32,680	+1.7	+0.8	+1.9	39,616	30,258	28,182	32,303	+22.6	281,643	236,274
Health care equipment and products.....	13,946	14,109	13,717	-1.2	+2.9	-0.1	15,521	14,007	12,564	14,854	+4.5	122,362	116,383
NEW ORDERS													
All manufacturing industries.....	388,575	382,368	375,030	+1.6	+2.0	-8.1	407,737	381,043	345,466	380,404	+7.2	3,439,032	3,167,332
Market categories:													
Automotive equipment.....	16,237	15,839	16,273	+2.5	-2.7	-6.0	17,476	16,029	10,011	17,825	-2.0	148,141	145,931
Home goods and apparel.....	20,325	20,910	20,632	-2.8	+1.3	+0.7	22,237	21,872	19,417	22,029	+0.9	187,481	179,109
Consumer staples.....	81,000	80,903	79,967	+0.1	+1.2	-0.5	84,972	83,052	77,743	79,561	+6.8	713,920	654,825
Machinery and equipment.....	82,216	76,841	74,815	+7.0	+2.7	-10.7	89,503	72,663	63,595	76,037	+17.7	680,318	598,902
Business supplies.....	28,799	28,611	28,291	+0.7	+1.1	0.0	29,803	28,944	27,157	27,588	+8.0	252,926	237,052
Construction materials and supplies.....	22,829	23,023	23,014	-0.8	0.0	-0.4	24,111	24,113	22,471	24,440	-1.3	211,810	208,156
Defense products.....	7,086	7,436	6,242	-4.7	+19.1	-69.8	6,650	5,785	4,735	5,536	+20.1	71,615	53,740
Other materials, supplies and intermediate products.....	130,083	128,805	125,796	+1.0	+2.4	-6.1	132,985	128,585	120,337	127,388	+4.4	1,172,821	1,089,617
Durable goods industries:													
Nondefense capital goods ³ Excluding aircraft and parts.....	68,788	64,993	62,283	+5.8	+4.4	-12.2	76,414	61,025	55,149	62,872	+21.5	565,108	480,397
Defense capital goods ⁴	55,763	54,801	55,506	+1.8	-1.3	-3.7	62,565	51,178	49,453	55,377	+13.0	484,959	416,879
Durables excluding capital goods.....	6,909	7,306	6,086	-5.4	+20.0	-70.6	6,394	5,562	4,368	5,073	+26.0	70,424	51,274
Durables excluding capital goods.....	146,688	143,561	141,508	+2.2	+1.5	-5.7	151,853	143,554	126,023	148,775	+2.1	1,317,419	1,261,703
Miscellaneous series:													
Producers' durable equipment.....	145,340	140,728	139,318	+3.3	+1.0	-6.2	156,416	137,320	114,427	143,722	+8.8	1,260,140	1,160,434
Household durable goods.....	10,696	11,176	11,181	-4.3	0.0	+2.5	11,699	11,105	10,031	11,496	+1.8	99,196	92,753
Information technology industries.....	33,661	33,145	32,484	+1.6	+2.0	-6.6	39,412	30,738	28,091	32,874	+19.9	286,175	238,323
Health care equipment and products.....	14,096	14,086	13,547	+0.1	+4.0	-4.4	15,456	14,061	12,739	14,519	+6.5	123,053	116,427

^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' UNFILLED ORDERS AND TOTAL INVENTORIES
FOR TOPICAL SERIES ¹
(Millions of Dollars)**

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change Sept. 00/99
	Sept. 2000 ^P	Aug. 2000 ^F	July 2000	Aug. - Sept.	July - Aug.	June - July	Sept. 2000 ^P	Aug. 2000 ^F	July 2000	Sept. 1999	
UNFILLED ORDERS											
All manufacturing industries.....	589,363	581,177	579,589	+1.4	+0.3	-0.4	584,291	583,156	584,134	521,233	+12.1
Market categories:											
Automotive equipment.....	2,381	2,476	2,496	-3.8	-0.8	+1.0	2,325	2,510	2,471	2,464	-5.6
Home goods and apparel.....	9,124	9,146	9,107	-0.2	+0.4	-0.8	9,128	9,203	9,358	9,122	+0.1
Consumer staples.....	3,088	2,952	3,028	+4.6	-2.5	-4.9	3,242	3,352	3,529	3,045	+6.5
Machinery and equipment.....	266,020	258,825	256,956	+2.8	+0.7	+0.7	265,039	258,899	257,186	234,774	+12.9
Business supplies.....	7,448	7,298	7,321	+2.1	-0.3	-1.6	7,535	7,676	7,750	7,344	+2.6
Construction materials and supplies.....	17,813	18,002	18,073	-1.0	-0.4	+0.4	17,752	18,089	18,250	17,532	+1.3
Defense products.....	103,919	103,386	102,485	+0.5	+0.9	-0.5	102,227	102,491	102,950	84,769	+20.6
Other materials, supplies and intermediate products.....	179,570	179,092	180,123	+0.3	-0.6	-1.9	177,043	180,936	182,640	162,183	+9.2
Durable goods industries:											
Nondefense capital goods ³	281,669	275,728	273,567	+2.2	+0.8	+0.6	280,778	275,445	273,098	251,170	+11.8
Excluding aircraft and parts.....	130,938	129,385	128,546	+1.2	+0.7	+1.2	130,047	129,102	128,077	110,689	+17.5
Defense capital goods ⁴	109,574	109,011	107,958	+0.5	+1.0	-0.4	107,803	108,109	108,483	89,380	+20.6
Durables excluding capital goods.....	172,672	171,150	172,522	+0.9	-0.8	-1.9	170,115	173,332	175,615	155,399	+9.5
Miscellaneous series:											
Producers' durable equipment.....	304,434	298,068	296,216	+2.1	+0.6	+0.6	303,149	298,522	296,243	273,439	+10.9
Household durable goods.....	5,634	5,692	5,640	-1.0	+0.9	-0.5	5,645	5,718	5,730	5,606	+0.7
Information technology industries.....	49,352	49,177	48,958	+0.4	+0.4	-0.4	49,379	49,583	49,103	41,165	+20.0
Health care equipment and products.....	10,935	10,785	10,809	+1.4	-0.2	-1.5	10,764	10,830	10,776	9,669	+11.3
TOTAL INVENTORIES											
All manufacturing industries.....	488,455	487,644	486,303	+0.2	+0.3	+0.9	487,707	491,512	488,546	465,082	+4.9
Market categories:											
Automotive equipment.....	9,452	9,485	9,447	-0.3	+0.4	+2.8	9,413	9,780	9,674	8,667	+8.6
Home goods and apparel.....	33,719	33,377	32,906	+1.0	+1.4	+1.3	33,860	34,068	33,864	31,622	+7.1
Consumer staples.....	79,825	79,691	79,783	+0.2	-0.1	+1.1	80,072	79,555	79,004	75,269	+6.4
Machinery and equipment.....	116,503	117,303	116,504	-0.7	+0.7	+1.0	116,093	119,023	116,883	115,681	+0.4
Business supplies.....	29,785	29,816	29,572	-0.1	+0.8	+0.3	30,126	30,209	29,899	28,727	+4.9
Construction materials and supplies.....	32,183	32,138	32,021	+0.1	+0.4	+0.5	31,920	32,207	32,184	29,539	+8.1
Defense products.....	18,417	18,120	18,188	+1.6	-0.4	-3.1	18,696	18,394	18,519	18,715	-0.1
Other materials, supplies and intermediate products.....	168,571	167,714	167,882	+0.5	-0.1	+1.1	167,527	168,276	168,519	156,862	+6.8
Durable goods industries:											
Nondefense capital goods ³	107,769	108,009	107,242	-0.2	+0.7	+1.0	107,706	109,836	107,817	107,358	+0.3
Excluding aircraft and parts.....	75,977	75,915	74,891	+0.1	+1.4	+1.1	75,744	77,542	75,475	72,214	+4.9
Defense capital goods ⁴	18,918	18,630	18,599	+1.5	+0.2	-3.7	19,249	18,969	18,924	19,153	+0.5
Durables excluding capital goods.....	178,742	178,523	177,883	+0.1	+0.4	+1.3	177,780	179,972	179,024	165,800	+7.2
Miscellaneous series:											
Producers' durable equipment.....	196,865	196,991	195,077	-0.1	+1.0	+1.2	196,509	199,785	196,451	189,491	+3.7
Household durable goods.....	18,078	17,864	17,407	+1.2	+2.6	+1.4	18,124	18,230	17,750	16,288	+11.3
Information technology industries.....	34,850	35,160	34,682	-0.9	+1.4	+1.2	34,874	36,546	35,239	33,537	+4.0
Health care equipment and products.....	21,978	21,903	21,814	+0.3	+0.4	+2.2	21,765	22,266	22,156	20,280	+7.3

¹ Preliminary ^F Revised

See footnotes at end of Table 5

See note at end of Table 2 relating to survey error and revisions.

**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 Sept. 00/99
	Sept. 2000 ^P	Aug. 2000 ^F	July 2000	Aug. - Sept.	July - Aug.	June - July	Sept. 2000 ^P	Aug. 2000 ^F	July 2000	Sept. 1999	
MATERIALS AND SUPPLIES											
All manufacturing industries.....	163,826	163,648	162,798	+0.1	+0.5	+0.7	164,183	164,023	163,402	154,734	+6.1
Durable goods industries.....	99,455	99,430	98,487	0.0	+1.0	+0.8	100,167	100,271	99,106	93,844	+6.7
Stone, clay, and glass products.....	3,437	3,418	3,391	+0.6	+0.8	-0.3	3,470	3,451	3,380	3,299	+5.2
Primary metals.....	7,955	8,027	8,112	-0.9	-1.0	+0.8	8,070	8,101	8,138	7,575	+6.5
Fabricated metal products.....	11,051	11,215	11,251	-1.5	-0.3	+1.3	11,140	11,261	11,304	10,787	+3.3
Industrial machinery and equipment.....	21,981	21,715	21,214	+1.2	+2.4	-0.5	22,299	22,065	21,329	20,388	+9.4
Electronic and other electrical equipment.....	18,934	18,997	18,670	-0.3	+1.8	+2.2	18,840	19,256	18,957	16,268	+15.8
Transportation equipment.....	14,986	15,056	15,075	-0.5	-0.1	+2.4	15,013	15,013	15,341	15,300	-1.9
Instruments and related products.....	9,576	9,382	9,397	+2.1	-0.2	-0.3	9,623	9,507	9,478	9,145	+5.2
Lumber, furniture and miscellaneous durable goods.....	11,535	11,620	11,377	-0.7	+2.1	0.0	11,712	11,617	11,179	11,082	+5.7
Nondurable goods industries.....	64,371	64,218	64,311	+0.2	-0.1	+0.5	64,016	63,752	64,296	60,890	+5.1
Food and kindred products.....	11,328	11,359	11,426	-0.3	-0.6	-0.4	11,085	11,069	11,246	11,170	-0.8
Tobacco products.....	4,636	4,562	4,566	+1.6	-0.1	0.0	4,529	4,330	4,230	4,455	+1.7
Textile mill products.....	3,084	3,071	3,024	+0.4	+1.6	+3.3	3,059	3,090	3,078	2,866	+6.7
Paper and allied products.....	8,046	8,079	8,149	-0.4	-0.9	+1.0	8,028	8,048	8,119	7,807	+2.8
Chemicals and allied products.....	16,314	16,110	16,125	+1.3	-0.1	+0.7	16,258	16,054	16,281	15,212	+6.9
Petroleum and coal products.....	4,178	4,281	4,257	-2.4	+0.6	-2.5	4,133	4,267	4,280	3,439	+20.2
Rubber and plastics products.....	7,652	7,683	7,703	-0.4	-0.3	+0.9	7,637	7,631	7,761	7,113	+7.4
Apparel, printing and publishing and leather goods.....	9,133	9,073	9,061	+0.7	+0.1	+1.3	9,287	9,263	9,301	8,828	+5.2
WORK IN PROCESS											
All manufacturing industries.....	144,411	144,687	145,446	-0.2	-0.5	+0.1	144,712	146,516	146,428	145,919	-0.8
Durable goods industries.....	112,557	112,626	113,412	-0.1	-0.7	-0.4	112,764	114,474	114,353	115,611	-2.5
Stone, clay, and glass products.....	1,682	1,680	1,645	+0.1	+2.1	+0.8	1,651	1,710	1,660	1,499	+10.1
Primary metals.....	8,774	8,790	8,737	-0.2	+0.6	+0.2	8,750	8,857	8,857	8,080	+8.3
Fabricated metal products.....	9,254	9,337	9,338	-0.9	0.0	-0.2	9,331	9,454	9,447	9,130	+2.2
Industrial machinery and equipment.....	20,239	20,333	20,832	-0.5	-2.4	+0.7	20,110	20,763	21,013	21,269	-5.4
Electronic and other electrical equipment.....	13,352	13,859	14,090	-3.7	-1.6	0.0	13,222	14,259	14,247	13,909	-4.9
Transportation equipment.....	42,966	42,383	42,602	+1.4	-0.5	-1.6	43,365	42,779	42,659	45,934	-5.6
Instruments and related products.....	10,221	10,305	10,231	-0.8	+0.7	+1.3	10,165	10,636	10,463	10,079	+0.9
Lumber, furniture and miscellaneous durable goods.....	6,069	5,939	5,937	+2.2	0.0	-1.0	6,170	6,016	6,007	5,711	+8.0
Nondurable goods industries.....	31,854	32,061	32,034	-0.6	+0.1	+1.9	31,948	32,042	32,075	30,308	+5.4
Food and kindred products.....	6,450	6,466	6,497	-0.2	-0.5	-0.9	6,404	5,945	5,973	6,125	+4.6
Tobacco products.....	98	86	84	+14.0	+2.4	0.0	97	74	74	86	+12.8
Textile mill products.....	2,499	2,500	2,473	0.0	+1.1	-2.3	2,508	2,503	2,485	2,462	+1.9
Paper and allied products.....	1,868	1,868	1,842	0.0	+1.4	+1.7	1,848	1,878	1,850	1,689	+9.4
Chemicals and allied products.....	9,588	9,741	9,781	-1.6	-0.4	+7.2	9,533	9,939	10,068	8,801	+8.3
Petroleum and coal products.....	3,331	3,327	3,412	+0.1	-2.5	+1.7	3,393	3,371	3,401	2,975	+14.1
Rubber and plastics products.....	2,290	2,305	2,307	-0.7	-0.1	+0.3	2,296	2,308	2,287	2,282	+0.6
Apparel, printing and publishing and leather goods.....	5,730	5,768	5,638	-0.7	+2.3	-0.9	5,869	6,024	5,937	5,888	-0.3
FINISHED GOODS											
All manufacturing industries.....	180,218	179,309	178,059	+0.5	+0.7	+1.7	178,812	180,973	178,716	164,429	+8.7
Durable goods industries.....	93,417	93,106	91,825	+0.3	+1.4	+2.5	91,804	94,032	92,306	82,856	+10.8
Stone, clay, and glass products.....	5,196	5,129	5,116	+1.3	+0.3	+1.4	5,018	5,040	5,128	4,751	+5.6
Primary metals.....	8,387	8,305	8,362	+1.0	-0.7	+1.2	8,269	8,263	8,341	8,022	+3.1
Fabricated metal products.....	12,325	12,227	11,974	+0.8	+2.1	+1.6	11,970	12,106	12,010	11,074	+8.1
Industrial machinery and equipment.....	20,296	20,263	19,900	+0.2	+1.8	+4.0	19,789	20,395	19,664	18,106	+9.3
Electronic and other electrical equipment.....	13,959	13,374	13,142	+4.4	+1.8	+2.4	13,669	13,586	13,269	11,018	+24.1
Transportation equipment.....	11,290	11,820	11,577	-4.5	+2.1	+3.7	11,330	12,391	11,929	9,913	+14.3
Instruments and related products.....	8,122	8,281	8,219	-1.9	+0.8	+1.1	8,140	8,474	8,291	7,882	+3.3
Lumber, furniture and miscellaneous durable goods.....	13,842	13,707	13,535	+1.0	+1.3	+2.4	13,619	13,777	13,674	12,090	+12.6
Nondurable goods industries.....	86,801	86,203	86,234	+0.7	0.0	+0.9	87,008	86,941	86,410	81,573	+6.7
Food and kindred products.....	20,356	20,740	20,994	-1.9	-1.2	-0.2	21,201	21,163	20,559	21,565	-1.7
Tobacco products.....	701	688	700	+1.9	-1.7	-4.0	666	551	534	473	+40.8
Textile mill products.....	4,941	4,890	4,937	+1.0	-1.0	+0.1	4,835	4,938	5,027	4,647	+4.0
Paper and allied products.....	7,431	7,395	7,317	+0.5	+1.1	+2.8	7,323	7,405	7,352	6,507	+12.5
Chemicals and allied products.....	25,005	24,561	24,429	+1.8	+0.5	+1.3	24,529	24,522	24,340	21,913	+11.9
Petroleum and coal products.....	6,679	6,437	6,505	+3.8	-1.0	+2.0	6,893	6,544	6,694	5,692	+21.1
Rubber and plastics products.....	8,710	8,638	8,567	+0.8	+0.8	+1.5	8,407	8,533	8,540	7,764	+8.3
Apparel, printing and publishing and leather goods.....	12,978	12,854	12,785	+1.0	+0.5	+0.3	13,154	13,285	13,364	13,012	+1.1

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			
	Sep 2000 ^p	Aug 2000 ^f	Jul 2000	Jun 2000	Sep 2000 ^p	Aug 2000 ^f	Jul 2000	Jun 2000
All manufacturing industries.....	1.28	1.28	1.29	1.25	2.69	2.65	2.67	2.64
Durable goods industries.....	1.42	1.43	1.43	1.38	3.14	3.09	3.12	3.08
Stone, clay, and glass products.....	1.18	1.15	1.16	1.14	0.75	0.74	0.75	0.75
Primary metals.....	1.59	1.59	1.58	1.56	1.96	1.93	1.95	1.94
Fabricated metal products.....	1.61	1.60	1.60	1.56	1.31	1.30	1.31	1.30
Industrial machinery and equipment.....	1.45	1.43	1.40	1.45	2.25	2.22	2.14	2.21
Electronic and other electrical equipment.....	1.11	1.12	1.13	1.09	2.48	2.44	2.49	2.52
Transportation equipment.....	1.42	1.45	1.48	1.32	9.48	9.35	9.91	8.63
Instruments and related products.....	1.79	1.81	1.88	1.78	3.09	3.13	3.27	3.14
Nondurable goods industries.....	1.10	1.09	1.10	1.09	0.65	0.64	0.65	0.65
Food and kindred products.....	0.89	0.90	0.92	0.92	(X)	(X)	(X)	(X)
Tobacco products.....	1.25	1.17	1.19	1.25	(X)	(X)	(X)	(X)
Textile mill products.....	1.68	1.64	1.60	1.59	(NA)	(NA)	(NA)	(NA)
Paper and allied products.....	1.21	1.20	1.19	1.17	(NA)	(NA)	(NA)	(NA)
Chemicals and allied products.....	1.39	1.36	1.38	1.34	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.70	0.71	0.72	0.69	(X)	(X)	(X)	(X)
Rubber and plastics products.....	1.31	1.28	1.29	1.25	(X)	(X)	(X)	(X)

^p Preliminary

^f 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		
	Sep ¹ 2000	Sep ² 1995-1999	Sep 1999-Aug 2000	Sep ¹ 2000	Sep ² 1995-1999	Sep 1999-Aug 2000	Sep ¹ 2000	Sep ² 1995-1999	Sep 1999-Aug 2000	Sep ¹ 2000	Sep ² 1995-1999	Sep 1999-Aug 2000
All manufacturing industries.....	(X)	0.1	0.0	(X)	0.2	-0.2	(X)	0.0	-0.1	(X)	0.0	-0.1
Durable goods industries.....	0.0	0.1	0.0	1.2	0.3	-0.3	0.2	0.0	-0.1	(X)	0.1	0.0
Stone, clay, and glass products.....	(X)	0.4	0.2	(X)	1.4	-0.1	(X)	0.2	-0.4	(X)	-0.1	-0.1
Primary metals.....	-0.3	0.4	-0.1	0.4	0.5	-0.1	0.2	0.1	0.1	(X)	0.1	-0.2
Fabricated metal products.....	(X)	0.2	0.1	(X)	0.4	-0.1	(X)	0.1	-0.1	(X)	0.2	0.0
Industrial machinery and equipment.....	0.4	0.1	-0.1	2.0	0.2	-0.5	0.2	0.1	-0.2	(X)	-0.1	0.0
Electronic and other electrical equipment.....	-0.2	0.1	-0.2	1.1	0.8	-1.0	0.0	0.2	-0.4	(X)	0.0	-0.1
Transportation equipment.....	0.1	-0.1	0.2	2.5	-0.4	0.0	0.5	0.0	0.0	(X)	0.2	0.1
Instruments and related products.....	(X)	-0.3	0.0	(X)	-1.1	-0.6	(X)	-0.2	-0.2	(X)	-0.1	0.1
Nondurable goods industries.....	(X)	0.1	0.0	(X)	0.1	0.0	(X)	0.2	0.1	(X)	0.0	-0.1
Food and kindred products.....	(X)	-0.2	0.1	(X)	(X)	(X)	(X)	(X)	(X)	(X)	-0.1	0.0
Tobacco products.....	(X)	-1.2	0.5	(X)	(X)	(X)	(X)	(X)	(X)	(X)	-1.4	-0.1
Textile mill products.....	(X)	0.3	0.3	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	0.1	0.0
Paper and allied products.....	(X)	0.2	-0.1	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	0.4	-0.2
Chemicals and allied products.....	(X)	0.1	0.1	(X)	(X)	(X)	(X)	(X)	(X)	(X)	-0.1	-0.1
Petroleum and coal products.....	(X)	0.9	-1.0	(X)	(X)	(X)	(X)	(X)	(X)	(X)	-0.6	-0.9
Rubber and plastics products.....	(X)	0.1	0.0	(X)	(X)	(X)	(X)	(X)	(X)	(X)	0.2	0.0
Capital goods industries:												
Nondefense.....	0.3	0.0	0.0	3.2	0.8	-0.5	0.5	0.1	0.0	(X)	0.0	0.0
Defense.....	-0.2	0.6	-0.2	0.2	-1.4	-3.5	0.0	-0.1	-0.2	(X)	-0.1	0.0

(X) Not Applicable

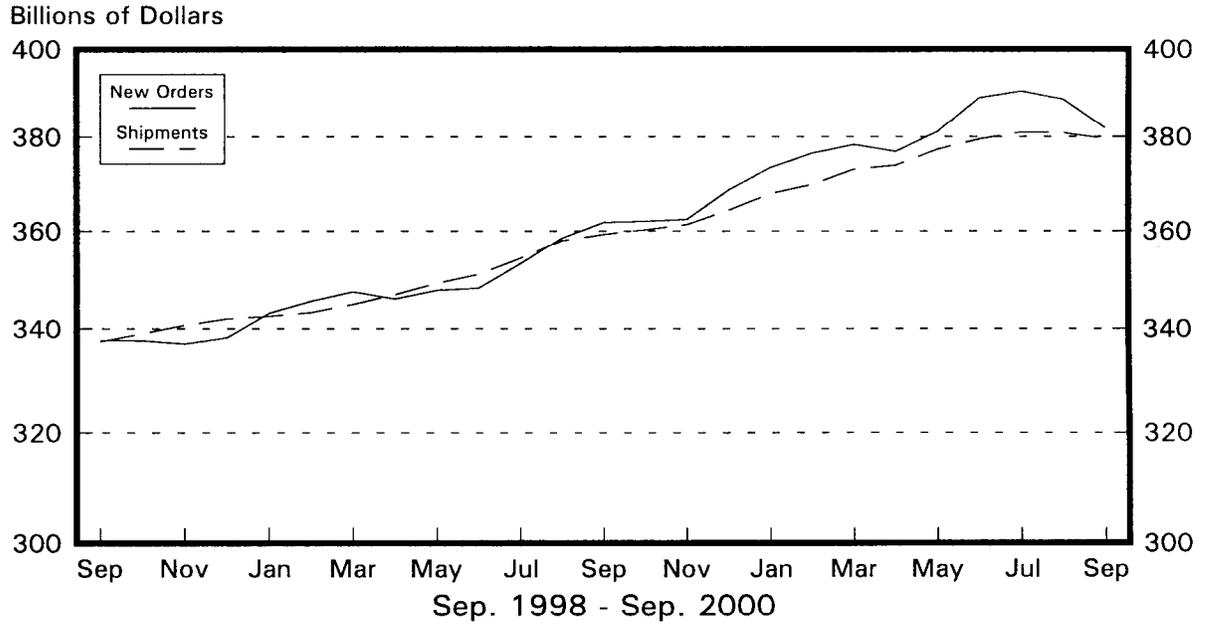
(NA) Not Available

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.

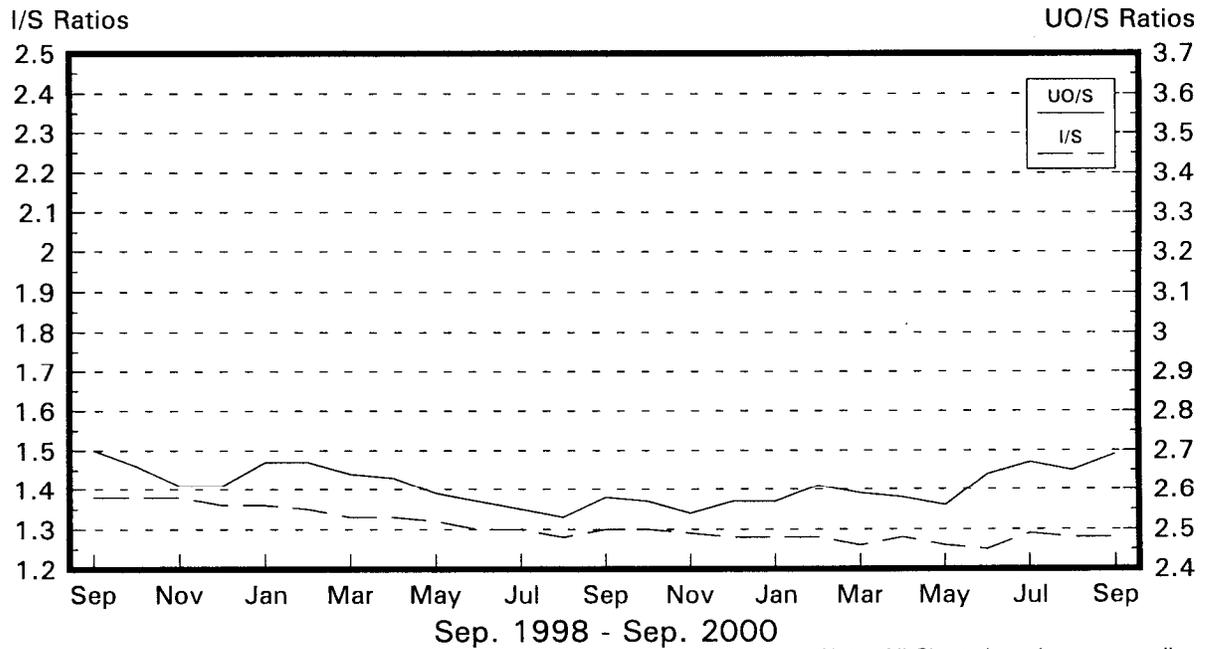
Total Manufacturing

New Orders and Shipments Three Month Moving Averages



Total Manufacturing

Ratio of Unfilled Orders and Inventories to Shipments

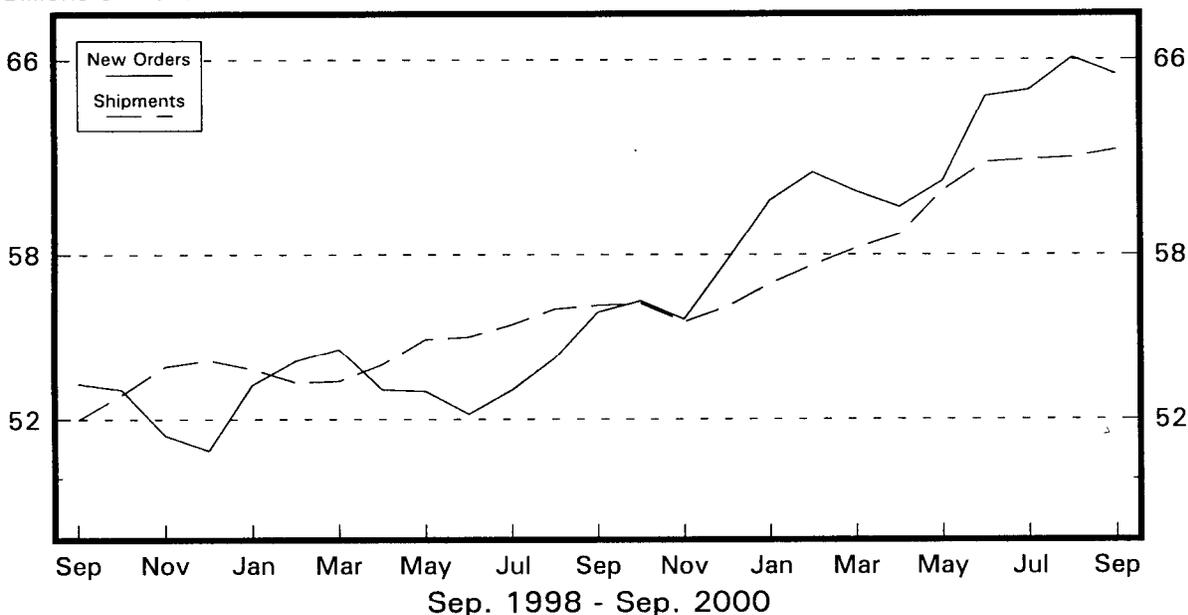


Note: All Charts based on seasonally adjusted current dollars.

Nondefense Capital Goods

New Orders and Shipments
Three Month Moving Averages

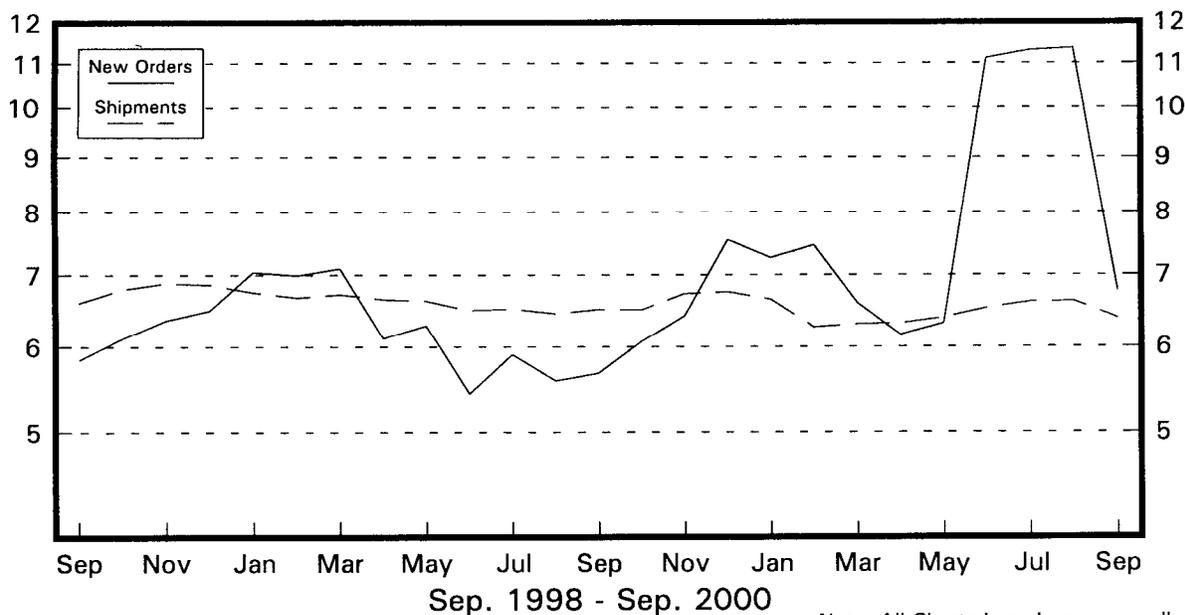
Billions of Dollars



Defense Capital Goods

New Orders and Shipments
Three Month Moving Averages

Billions of Dollars



Note: All Charts based on seasonally adjusted current dollars.