

Manufacturers' Shipments, Inventories, and Orders

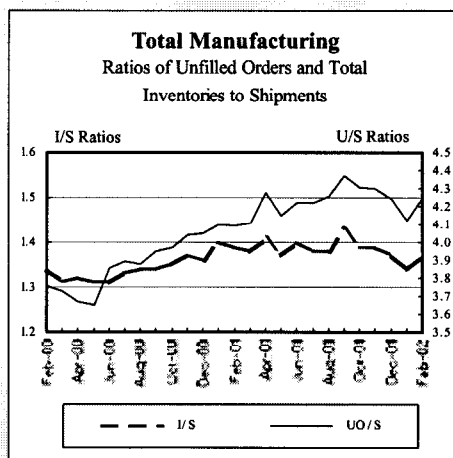
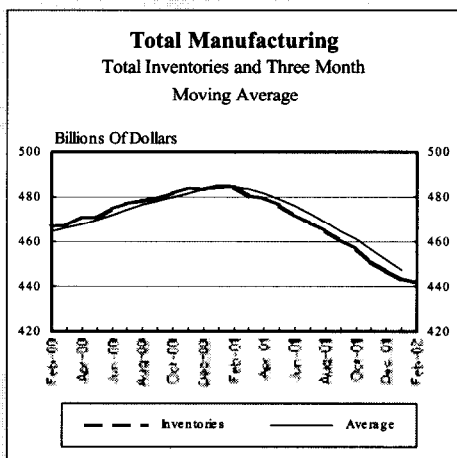
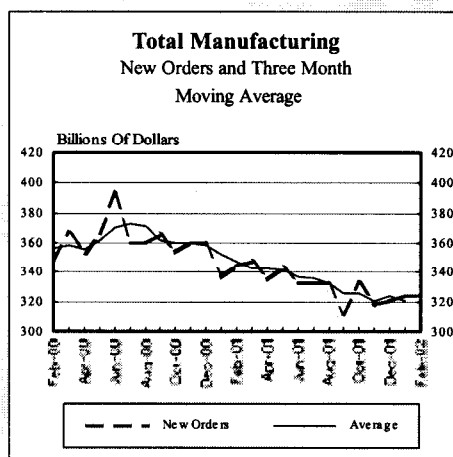
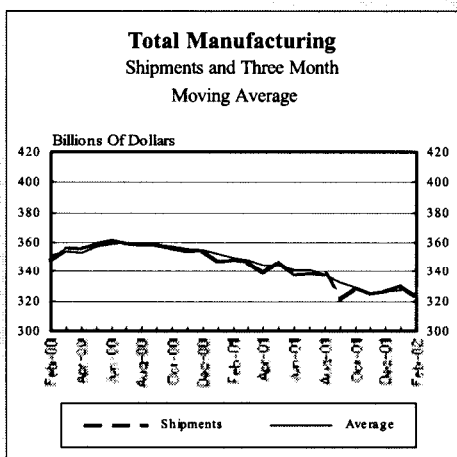
February
2002

M3-1(02)-2

Current Industrial Reports

For Wire Transmission 10:00 a.m. E.S.T., April 2, 2002

All figures in the text are in seasonally adjusted current dollars



For data, call 301-457-4673. For inquiries, contact Lee Wentela or Derrick Roy, Manufacturers' Shipments, Inventories and Orders Branch, Manufacturing and Construction Division (MCD), Washington, DC 20233-6900 or call 301-457-4804 or 301-457-4814.

The advance report on durable good for March is scheduled for April 24, 2002 at 8:30 a.m. and the full report on May 2, 2002 at 10:00 a.m. For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

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

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Summary

New orders for manufactured goods in February decreased \$0.2 billion or 0.1 percent to \$323.8 billion, the Department of Commerce, Bureau of the Census reported today. This followed a 1.1 percent January increase. Year to date, new orders for 2002 were 5.0 percent below the same period a year ago.

Shipments decreased \$9.3 billion or 2.8 percent to \$321.9 billion, following a 1.4 percent January increase. Year to date, shipments for 2002 were 6.1 percent below the same period a year ago.

Unfilled orders increased \$1.8 billion or 0.3 percent to \$53.8 billion, following a 1.3 percent January decrease. The unfilled orders-to-shipments ratio was 4.25, up from 4.12 in January.

Inventories, down thirteen consecutive months, decreased \$1.9 billion or 0.4 percent to \$441.8 billion, following a 0.8 percent January decrease. The inventories-to-shipments ratio was 1.37, up from 1.34 in January.

New Orders

New Orders for manufactured durable goods in February increased \$3.2 billion or 1.8 percent to \$180.5 billion, revised from the previously published 1.5 percent increase. This was the third consecutive increase.

Transportation equipment had the largest increase, \$5.1 billion or 10.0 percent to \$56.2 billion. Electrical equipment increased \$0.5 billion or 5.5 percent to \$9.6 billion. Computers and electronic products, down for the first time since September, decreased \$1.1 billion or 3.1 percent to \$33.3 billion.

New orders for nondurable goods decreased \$3.4 billion or 2.4 percent to \$143.3 billion.

Shipments

Shipments of durable goods in February decreased \$5.8 billion or 3.2 percent to \$178.7 billion, unrevised from the previously published 3.2 percent decrease.

Transportation equipment, down for the first time since September, had the largest decrease, \$2.4 billion or 4.4 percent to \$53.1 billion, mostly due to motor vehicles and parts. Computers and electronic products, down for the first time since September, decreased \$1.5 billion or 4.4 percent to \$32.7 billion. Fabricated metal products decreased \$0.6 billion or 2.9 percent to \$19.6 billion. Primary metals decreased \$0.5 billion or 4.7 percent to \$10.8 billion.

Shipments of nondurable goods decreased \$3.4 billion or 2.4 percent to \$143.3 billion, led by decreases in chemicals, beverage and tobacco products, and paper products.

Unfilled Orders

Unfilled Orders for durable goods in February increased \$1.8 billion or 0.3 percent to \$538.5 billion, unrevised from the previously published 0.3 percent increase.

Transportation equipment, led by ships and boats, had the largest increase, \$3.0 billion or 1.1 percent to \$275.2 billion. Computers and electronic products increased \$0.6 billion or 0.5 percent to \$125.8 billion, due to semiconductors. Machinery, down seven of the last eight months, decreased \$1.4 billion or 2.4 percent to \$55.3 billion; this is the largest decrease on record.

Inventories

Inventories of durable goods in February, down thirteen consecutive months, decreased \$1.5 billion or 0.5 percent to \$278.5 billion, unrevised from the previously published 0.5 percent decrease. Durable goods inventories were at their lowest level since July 1997.

Computers and electronic products, down twelve consecutive months, had the largest decrease, \$0.7 billion or 1.4 percent to \$48.1 billion.

Inventories of nondurable goods, down thirteen consecutive months, decreased \$0.4 billion or 0.2 percent to \$163.3 billion.

By stage of fabrication, February finished goods decreased 0.4 percent in durables and 0.7 percent in nondurables. Work in process decreased 0.5 percent in durables and increased 0.1 percent in nondurables. Materials and supplies decreased 0.7 percent in durables and increased 0.4 percent in nondurables.

SEE BACK PAGE FOR UPCOMING REVISIONS

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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 Feb. 02/01	Year to date	
	Feb. 2002 ^p	Jan. 2002 ^r	Dec. 2001	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2002 ^p	Jan. 2002 ^r	Dec. 2001	Feb. 2001		2002 ^p	2001
All manufacturing industries.....	321,944	331,216	326,794	-2.8	+1.4	+0.6	311,894	298,106	320,557	338,708	-7.9	610,000	649,406
Excluding transportation.....	268,816	275,651	272,570	-2.5	+1.1	+0.3	258,855	249,149	268,749	287,687	-10.0	508,004	556,141
Excluding defense.....	314,277	323,035	318,468	-2.7	+1.4	+0.3	304,723	291,432	310,832	332,410	-8.3	596,155	637,663
Durable goods industries.....	178,657	184,479	180,676	-3.2	+2.1	+0.7	173,368	161,469	180,413	188,466	-8.0	334,837	356,360
Wood products.....	7,027	7,047	6,932	-0.3	+1.7	-0.4	6,573	6,025	6,113	6,278	+4.7	12,598	12,037
Nonmetallic mineral products.....	7,291	7,521	7,358	-3.1	+2.2	+0.4	6,734	6,614	6,151	7,010	-3.9	13,348	13,569
Primary metals.....	10,833	11,367	10,901	-4.7	+4.3	-2.8	10,958	10,929	9,545	12,502	-12.4	21,887	24,436
Iron and steel mills.....	4,725	4,954	4,828	-4.6	+2.6	-0.2	4,777	4,794	4,155	5,339	-10.5	9,571	10,426
Aluminum and nonferrous metals.....	4,895	5,175	4,842	-5.4	+6.9	-5.6	4,980	4,969	4,357	5,898	-15.6	9,949	11,535
Ferrous metal foundries.....	1,213	1,238	1,231	-2.0	+0.6	-1.1	1,201	1,166	1,033	1,265	-5.1	2,367	2,475
Fabricated metal products.....	19,649	20,233	19,917	-2.9	+1.6	-0.9	19,258	18,543	18,147	20,401	-5.6	37,801	39,270
Machinery.....	23,500	23,431	22,319	+0.3	+5.0	-1.8	22,333	19,757	22,552	24,656	-9.4	42,090	47,002
Farm machinery.....	1,466	1,471	1,551	-0.3	-5.2	+3.8	1,657	1,302	1,204	1,410	+17.5	2,959	2,603
Construction machinery.....	1,460	1,474	1,486	-0.9	-0.8	-3.9	1,561	1,286	1,359	1,719	-9.2	2,847	3,234
Mining, oil field, and gas field machinery.....	925	998	1,053	-7.3	-5.2	-0.9	943	922	1,149	1,063	-11.3	1,865	1,989
Industrial machinery.....	3,431	3,203	3,321	+7.1	-3.6	+6.5	2,991	2,808	3,844	3,894	-23.2	5,799	8,035
Photographic equipment.....	1,272	1,283	1,262	-0.9	+1.7	+7.9	1,121	1,076	1,348	1,193	-6.0	2,197	2,247
Ventilation, heating, air-conditioning, and refrigeration equipment.....	2,453	2,537	2,602	-3.3	-2.5	+0.5	2,280	2,113	2,385	2,582	-11.7	4,393	4,844
Metalworking machinery.....	2,054	2,095	2,050	-2.0	+2.2	+0.4	1,864	1,598	2,105	2,245	-17.0	3,462	4,121
Turbines, generators, and other power transmission equipment.....	3,962	3,591	2,314	+10.3	+55.2	-21.1	3,309	2,521	2,843	2,749	+20.4	5,830	5,251
Material handling equipment.....	1,425	1,551	1,470	-8.1	+5.5	-2.2	1,442	1,453	1,430	1,853	-22.2	2,895	3,676
Computers and electronic products.....	32,749	34,268	34,003	-4.4	+0.8	+2.3	30,402	28,343	41,237	39,603	-23.2	58,745	75,698
Electronic computers.....	5,121	5,423	5,389	-5.6	+0.6	-0.9	4,371	4,469	6,641	6,291	-30.5	8,840	12,516
Computer storage devices.....	1,332	1,283	1,226	+3.8	+4.6	+10.8	1,108	806	1,971	1,009	+9.8	1,914	1,865
Nondefense communications equipment.....	5,559	5,527	5,698	+0.6	-3.0	+3.1	4,802	4,042	8,053	6,761	-29.0	8,844	12,705
Defense communications equipment.....	305	321	299	-5.0	+7.4	+6.4	300	284	327	289	+3.8	584	528
Audio and video equipment.....	908	941	1,214	-3.5	-22.5	+13.6	880	803	1,406	965	-8.8	1,683	1,749
Semiconductors.....	5,865	6,736	5,908	-12.9	+14.0	+0.1	5,699	5,901	6,560	8,771	-35.0	11,600	17,090
Electronic components.....	3,760	3,776	3,881	-0.4	-2.7	-2.0	3,816	3,502	3,935	5,514	-30.8	7,318	10,642
Nondefense search and navigation equipment.....	689	709	707	-2.8	+0.3	+2.9	671	623	766	757	-11.4	1,294	1,393
Defense search and navigation equipment.....	1,726	1,703	1,755	+1.4	-3.0	+2.0	1,714	1,464	2,117	1,712	+0.1	3,178	3,250
Electromedical, measuring, and control instruments.....	5,124	5,401	5,497	-5.1	-1.7	+8.0	4,962	4,575	6,310	5,137	-3.4	9,537	9,571
Electrical equipment, appliances, and components.....	9,352	9,632	9,925	-2.9	-3.0	+2.4	9,138	8,166	10,042	11,227	-18.6	17,304	20,920
Electric lighting equipment.....	1,157	1,162	1,153	-0.4	+0.8	+4.3	1,180	988	1,341	1,261	-6.4	2,168	2,314
Household appliances.....	2,004	2,068	2,162	-3.1	-4.3	+4.2	1,977	1,728	2,116	1,937	+2.1	3,705	3,604
Electrical equipment.....	2,653	2,757	3,029	-3.8	-9.0	+0.5	2,576	2,260	3,228	3,243	-20.6	4,836	5,983
Batteries.....	497	512	503	-2.9	+1.8	-2.3	431	405	530	484	-11.0	836	920
Transportation equipment.....	53,128	55,565	54,224	-4.4	+2.5	+2.2	53,039	48,957	51,808	51,021	+4.0	101,996	93,265
Automobiles.....	8,200	9,162	8,220	-10.5	+11.5	+2.8	8,394	8,422	7,024	7,533	+11.4	16,816	14,235
Light trucks and utility vehicles.....	11,278	12,301	11,404	-8.3	+7.9	+1.1	11,246	11,329	9,745	10,301	+9.2	22,575	18,969
Heavy duty trucks.....	871	911	946	-4.4	-3.7	+6.8	868	811	810	1,099	-21.0	1,679	2,017
Motor vehicle bodies, parts, and trailers.....	16,499	16,857	16,636	-2.1	+1.3	+0.1	17,177	15,906	14,070	17,307	-0.8	33,083	32,086
Nondefense aircraft and parts.....	8,083	7,652	8,312	+5.6	-7.9	-2.3	7,755	5,608	10,339	8,366	-7.3	13,363	13,971
Defense aircraft and parts.....	2,888	2,854	2,731	+1.2	+4.5	-3.1	2,625	2,252	3,476	2,007	+30.8	4,877	3,728
Ships and boats.....	1,823	1,777	1,717	+2.6	+3.5	-2.5	1,810	1,435	1,660	1,594	+13.6	3,245	3,046
Furniture and related products.....	5,615	5,825	5,681	-3.6	+2.5	0.0	5,734	5,475	5,408	6,346	-9.6	11,209	12,242
Miscellaneous durable goods.....	9,513	9,590	9,416	-0.8	+1.8	-0.1	9,199	8,660	9,410	9,422	-2.4	17,859	17,921
Nondurable goods industries.....	143,287	146,737	146,118	-2.4	+0.4	+0.5	138,526	136,637	140,144	150,242	-7.8	275,163	293,046
Food products.....	38,611	38,767	38,598	-0.4	+0.4	+0.4	37,624	36,548	38,605	36,644	+2.7	74,172	71,843
Grain and oilseed milling.....	4,327	4,263	4,238	+1.5	+0.6	+0.5	4,470	4,197	4,060	4,137	+8.0	8,667	8,213
Dairy products.....	5,404	5,637	5,661	-4.1	-0.4	+0.7	5,097	5,331	5,586	5,122	-0.5	10,428	9,991
Meat, poultry, and seafood products.....	11,848	11,786	11,709	+0.5	+0.7	+0.2	11,438	10,950	11,616	10,834	+5.6	22,388	21,229
Beverage and tobacco products.....	9,141	9,757	9,929	-6.3	-1.7	+5.5	8,395	8,689	9,285	9,088	-7.6	17,084	17,527
Beverages.....	5,750	5,736	5,904	+0.2	-2.8	+0.3	5,195	4,863	5,451	5,168	+0.5	10,058	9,810
Tobacco.....	3,391	4,021	4,025	-15.7	0.1	+14.2	3,200	3,826	3,834	3,920	-18.4	7,026	7,717
Textile mills.....	3,574	3,538	3,569	+1.0	-0.9	+1.0	3,508	3,097	3,293	4,046	-13.3	6,605	7,743
Textile products.....	2,868	2,769	2,822	+3.6	-1.9	-0.9	2,868	2,387	2,512	2,744	+4.5	5,255	5,162
Apparel.....	5,009	5,111	5,228	-2.0	-2.2	+4.2	5,296	4,510	4,218	5,759	-8.0	9,806	10,522
Leather and allied products.....	647	645	682	-0.3	-5.4	-2.3	649	537	809	825	-21.3	1,186	1,543
Paper products.....	11,971	12,575	12,393	-4.8	+1.5	-1.4	11,842	12,319	11,926	13,686	-13.5	24,161	26,865
Pulp, paper, and paperboard mills.....	5,292	5,661	5,517	-6.5	+2.6	-3.5	5,319	5,638	5,297	6,432	-17.3	10,957	12,694
Paperboard containers.....	3,826	3,923	3,875	-2.5	+1.2	+0.8	3,736	3,854	3,603	4,151	-10.0	7,590	8,123
Printing.....	7,799	8,028	8,015	-2.9	+0.2	+0.5	7,467	7,465	8,142	8,301	-10.0	14,932	16,310
Petroleum and coal products.....	15,930	16,345	16,195	-2.5	+0.9	+3.2	14,433	14,752	15,294	17,783	-18.8	29,185	36,089
Petroleum refineries.....	14,303	14,710	14,685	-2.8	+0.2	+4.0	13,073	13,587	14,164	16,256	-19.6	26,660	33,165
Basic chemicals.....	33,101	34,180	33,898	-3.2	+0.8	-2.1	31,955	32,336	33,090	36,460	-12.4	64,291	70,901
Pesticides, fertilizers, and other agricultural chemicals.....	1,549	1,625	1,638	-4.7	-0.8	-9.5	1,546	1,440	1,277	1,824	-15.2	2,986	3,419
Pharmaceuticals and medicines.....	9,134	9,359	9,673	-2.4	-3.2	-1.9	8,278	9,324	10,152	9,955	-16.8	17,602	20,024
Paints, coatings, and adhesives.....	2,486	2,544	2,527	-2.3	+0.7	-0.9	2,415	2,303	2,157	2,443	-1.1	4,718	4,707
Plastics and rubber products.....	14,636	15,022	14,789	-2.6	+1.6	+1.2	14,489	13,997	12,970	14,906	-2.8	28,486	28,541

^p Preliminary^r Revised¹ 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 Feb. 02/01	Year to date	
	Feb. 2002 ^p	Jan. 2002 ^r	Dec. 2001	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2002 ^p	Jan. 2002 ^r	Dec. 2001	Feb. 2001		2002 ^p	2001
All manufacturing industries.....	323,768	324,006	320,616	-0.1	+1.1	+0.7	316,655	300,326	320,151	336,069	-5.8	616,981	652,586
Excluding transportation.....	267,592	272,917	271,610	-2.0	+0.5	+0.5	260,346	251,645	267,330	287,088	-9.3	511,991	557,978
Excluding defense.....	313,945	317,689	313,769	-1.2	+1.2	+0.6	306,940	293,442	307,063	329,629	-6.9	600,382	640,138
Durable goods industries.....	180,481	177,269	174,498	+1.8	+1.6	+0.9	178,129	163,689	180,007	185,827	-4.1	341,818	359,540
Primary metals.....	10,683	11,027	10,778	-3.1	+2.3	-0.4	11,346	11,269	9,783	12,954	-12.4	22,615	25,436
Iron and steel mills.....	4,738	4,834	4,871	-2.0	-0.8	+5.3	5,167	5,043	4,421	5,564	-7.1	10,210	10,898
Aluminum and nonferrous metals.....	4,771	4,938	4,664	-3.4	+5.9	-6.6	5,012	4,965	4,267	6,103	-17.9	9,977	12,035
Ferrous metal foundries.....	1,174	1,255	1,243	-6.5	+1.0	+3.5	1,167	1,261	1,095	1,287	-9.3	2,428	2,503
Fabricated metal products.....	19,490	19,602	19,641	-0.6	-0.2	+0.8	19,395	18,319	17,852	20,076	-3.4	37,714	39,531
Machinery.....	22,121	22,160	22,474	-0.2	-1.4	-0.6	21,595	19,939	21,974	25,254	-14.5	41,534	48,737
Construction machinery.....	1,385	1,489	1,482	-7.0	+0.5	-0.9	1,613	1,454	1,415	1,807	-10.7	3,067	3,328
Mining, oil field, and gas field machinery.....	947	1,007	993	-6.0	+1.4	-4.6	1,008	980	1,012	1,088	-7.4	1,988	2,086
Industrial machinery.....	3,427	2,996	3,093	+14.4	-3.1	-2.1	3,160	3,052	3,171	3,722	-15.1	6,212	8,047
Photographic equipment.....	1,273	1,253	1,242	+1.6	+0.9	+5.4	1,120	1,097	1,285	1,189	-5.8	2,217	2,135
Ventilation, heating, air-conditioning, and refrigeration equipment.....	2,456	2,641	2,455	-7.0	+7.6	-2.0	2,299	2,396	2,222	2,549	-9.8	4,695	5,070
Metalworking machinery.....	1,977	2,015	1,985	-1.9	+1.5	+3.5	1,910	1,642	1,859	2,258	-15.4	3,552	4,151
Turbines, generators, and other power transmission equipment.....	2,786	2,843	3,325	-2.0	-14.5	+9.4	2,142	1,935	3,829	3,529	-39.3	4,077	6,547
Material handling equipment.....	1,353	1,364	1,315	-0.8	+3.7	-12.7	1,407	1,345	1,410	1,916	-26.6	2,752	3,804
Computers and electronic products.....	33,338	34,416	33,328	-3.1	+3.3	+3.6	31,851	30,340	41,015	38,173	-16.6	62,191	74,328
Electronic computers.....	5,305	5,559	5,283	-4.6	+5.2	-5.3	4,816	4,393	6,033	6,676	-27.9	9,209	12,531
Nondefense communications equipment.....	5,660	5,655	5,039	+0.1	+12.2	-4.8	5,041	4,642	7,891	6,160	-18.2	9,683	13,538
Defense communications equipment.....	305	307	445	-0.7	-31.0	+91.0	305	273	496	343	-11.1	578	622
Semiconductors.....	6,775	7,434	6,127	-8.9	+21.3	+15.2	6,989	7,181	6,134	7,990	-12.5	14,170	14,468
Electronic components.....	3,495	3,548	3,783	-1.5	-6.2	+1.1	3,526	3,772	3,787	4,613	-23.6	7,298	10,092
Nondefense search and navigation equipment.....	623	664	611	-6.2	+8.7	+2.9	683	604	697	780	-12.4	1,287	1,363
Defense search and navigation equipment.....	1,360	1,308	1,591	+4.0	-17.8	+9.6	1,408	1,263	2,934	2,158	-34.8	2,671	3,858
Electromedical, measuring, and control instruments.....	5,215	5,269	5,580	-1.0	-5.6	+4.5	5,016	4,729	6,515	5,082	-1.3	9,745	9,853
Electrical equipment, appliances, and components.....	9,556	9,054	9,622	+5.5	-5.9	-3.2	9,606	8,012	9,655	11,508	-16.5	17,618	21,328
Electric lighting equipment.....	1,164	1,153	1,108	+1.0	+4.1	+0.8	1,207	988	1,342	1,273	-5.2	2,195	2,335
Household appliances.....	1,999	1,845	2,193	+8.3	-15.9	+1.5	2,006	1,695	2,184	1,958	+2.5	3,701	3,767
Electrical equipment.....	2,824	2,493	2,872	+13.3	-13.2	-10.1	2,853	2,125	2,903	3,321	-14.1	4,978	6,054
Transportation equipment.....	56,176	51,089	49,006	+10.0	+4.3	+1.8	56,309	48,681	52,821	48,981	+15.0	104,990	94,608
Motor vehicle bodies, parts, and trailers.....	16,567	16,746	16,548	-1.1	+1.2	-0.3	17,368	16,314	14,465	17,255	+0.7	33,682	32,438
Nondefense aircraft and parts.....	7,589	4,815	5,210	+57.6	-7.6	+16.0	6,701	4,245	9,055	6,866	-2.4	10,946	13,848
Defense aircraft and parts.....	4,002	2,954	1,832	+35.5	+61.2	-29.5	3,834	3,760	3,660	2,182	+75.7	7,594	4,639
Ships and boats.....	3,289	1,251	1,123	162.9	+11.4	-27.3	3,578	1,199	1,927	1,262	183.5	4,777	2,453
Furniture and related products.....	5,575	5,874	5,762	-5.1	+1.9	+0.1	5,655	5,608	5,099	6,198	-8.8	11,263	12,098

^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(00), "Manufacturers' Shipments, Inventories, and Orders: 1992-2000."

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 Feb. 02/01
	Feb. 2002 ^p	Jan. 2002 ^r	Dec. 2001	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2002 ^p	Jan. 2002 ^r	Dec. 2001	Feb. 2001	
All manufacturing industries.....	538,451	536,627	543,837	+0.3	-1.3	-1.1	546,700	541,939	539,719	595,194	-8.1
Excluding transportation.....	263,221	264,445	267,179	-0.5	-1.0	-0.4	267,063	265,572	263,076	310,319	-13.9
Excluding defense.....	386,868	387,200	392,546	-0.1	-1.4	-1.2	392,552	390,335	388,325	453,895	-13.5
Durable goods industries.....	538,451	536,627	543,837	+0.3	-1.3	-1.1	546,700	541,939	539,719	595,194	-8.1
Primary metals.....	16,730	16,880	17,220	-0.9	-2.0	-0.7	17,315	16,927	16,587	19,954	-13.2
Iron and steel mills.....	8,242	8,229	8,349	+0.2	-1.4	+0.5	8,616	8,226	7,977	9,573	-10.0
Aluminum and nonferrous metals.....	6,260	6,384	6,621	-1.9	-3.6	-2.6	6,420	6,388	6,392	8,119	-20.9
Ferrous metal foundries.....	2,228	2,267	2,250	-1.7	+0.8	+0.5	2,279	2,313	2,218	2,262	+0.8
Fabricated metal products.....	38,801	38,960	39,591	-0.4	-1.6	-0.7	38,693	38,556	38,780	42,902	-9.8
Machinery.....	55,340	56,719	57,990	-2.4	-2.2	+0.3	56,306	57,044	56,862	65,017	-13.4
Construction machinery.....	2,009	2,084	2,069	-3.6	+0.7	-0.2	2,240	2,188	2,020	2,690	-16.7
Mining, oil field, and gas field machinery.....	1,684	1,662	1,653	+1.3	+0.5	-3.5	1,701	1,636	1,578	1,464	+16.2
Industrial machinery.....	9,385	9,389	9,596	0.0	-2.2	-2.3	9,660	9,491	9,247	12,813	-24.6
Photographic equipment.....	780	779	809	+0.1	-3.7	-2.4	796	797	776	821	-3.0
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,449	4,446	4,342	+0.1	+2.4	-3.3	4,450	4,431	4,148	4,849	-8.2
Metalworking machinery.....	3,943	4,020	4,100	-1.9	-2.0	-1.6	3,981	3,935	3,891	5,400	-26.3
Turbines, generators, and other power transmission equipment.....	18,817	19,993	20,741	-5.9	-3.6	+5.1	19,082	20,249	20,835	20,911	-8.7
Material handling equipment.....	5,578	5,650	5,837	-1.3	-3.2	-2.6	5,599	5,634	5,742	6,261	-10.6
Computers and electronic products.....	125,845	125,256	125,108	+0.5	+0.1	-0.5	127,710	126,261	124,264	149,682	-14.7
Electronic computers.....	9,863	9,679	9,543	+1.9	+1.4	-1.1	9,776	9,331	9,407	10,223	-4.4
Nondefense communications equipment.....	38,132	38,031	37,903	+0.3	+0.3	-1.7	38,806	38,567	37,967	47,096	-17.6
Defense communications equipment.....	2,413	2,413	2,427	0.0	-0.6	+6.4	2,448	2,443	2,454	2,649	-7.6
Semiconductors.....	16,038	15,128	14,430	+6.0	+4.8	+1.5	16,487	15,197	13,917	22,708	-27.4
Electronic components.....	14,986	15,251	15,479	-1.7	-1.5	-0.6	15,253	15,543	15,273	19,494	-21.8
Nondefense search and navigation equipment.....	4,040	4,106	4,151	-1.6	-1.1	-2.3	4,082	4,070	4,089	5,064	-19.4
Defense search and navigation equipment.....	28,457	28,823	29,218	-1.3	-1.4	-0.6	28,762	29,068	29,269	30,612	-6.0
Electromedical, measuring, and control instruments.....	11,916	11,825	11,957	+0.8	-1.1	+0.7	12,096	12,042	11,888	11,836	+2.2
Electrical equipment, appliances, and components.....	16,071	15,867	16,445	+1.3	-3.5	-1.8	16,503	16,035	16,189	19,787	-16.6
Electric lighting equipment.....	1,530	1,523	1,532	+0.5	-0.6	-2.9	1,523	1,496	1,496	1,578	-3.5
Household appliances.....	1,035	1,040	1,263	-0.5	-17.7	+2.5	1,289	1,260	1,293	1,422	-9.4
Electrical equipment.....	9,777	9,606	9,870	+1.8	-2.7	-1.6	9,900	9,623	9,758	10,124	-2.2
Transportation equipment.....	275,230	272,182	276,658	+1.1	-1.6	-1.9	279,637	276,367	276,643	284,875	-1.8
Motor vehicle bodies, parts, and trailers.....	11,848	11,780	11,891	+0.6	-0.9	-0.7	12,537	12,346	11,938	13,746	-8.8
Nondefense aircraft and parts.....	130,334	130,828	133,665	-0.4	-2.1	-2.3	131,417	132,471	133,834	149,608	-12.2
Defense aircraft and parts.....	57,815	56,701	56,601	+2.0	+0.2	-1.6	58,366	57,157	55,649	45,806	+27.4
Ships and boats.....	22,554	21,088	21,614	+7.0	-2.4	-2.7	23,358	21,590	21,826	18,963	+23.2
Furniture and related products.....	6,414	6,454	6,405	-0.6	+0.8	+1.3	6,211	6,290	6,157	6,911	-10.1

^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 Feb. 02/01
	Feb. 2002 ^p	Jan. 2002 ^r	Dec. 2001	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2002 ^p	Jan. 2002 ^r	Dec. 2001	Feb. 2001	
All manufacturing industries.....	441,761	443,644	447,261	-0.4	-0.8	-0.9	444,161	441,954	436,359	487,724	-8.9
Excluding transportation.....	368,402	370,407	373,252	-0.5	-0.8	-1.3	371,010	369,507	364,937	411,286	-9.8
Excluding defense.....	418,851	420,880	424,261	-0.5	-0.8	-1.2	421,280	419,428	414,196	464,961	-9.4
Durable goods industries.....	278,486	280,018	282,718	-0.5	-1.0	-1.0	280,276	278,514	274,241	313,145	-10.5
Wood products.....	9,213	9,230	9,052	-0.2	+2.0	-2.4	9,456	9,449	9,081	10,249	-7.7
Nonmetallic mineral products.....	9,119	9,197	9,361	-0.8	-1.8	-2.0	9,322	9,320	9,219	10,311	-9.6
Primary metals.....	19,115	19,355	19,768	-1.2	-2.1	-1.3	19,184	19,526	19,863	22,465	-14.6
Iron and steel mills.....	10,247	10,411	10,587	-1.6	-1.7	-1.9	10,214	10,504	10,750	12,119	-15.7
Aluminum and nonferrous metals.....	7,137	7,205	7,401	-0.9	-2.6	+0.1	7,216	7,293	7,371	8,495	-15.1
Ferrous metal foundries.....	1,731	1,739	1,780	-0.5	-2.3	-3.2	1,754	1,729	1,742	1,851	-5.2
Fabricated metal products.....	32,068	32,325	32,541	-0.8	-0.7	-1.7	32,232	32,207	31,749	35,691	-9.7
Machinery.....	47,838	48,078	48,560	-0.5	-1.0	-1.0	48,524	47,822	47,033	52,441	-7.5
Farm machinery.....	1,988	1,984	2,027	+0.2	-2.1	-1.0	2,111	2,082	2,080	2,306	-8.5
Construction machinery.....	4,076	4,004	3,875	+1.8	+3.3	-1.5	4,181	4,042	3,873	4,018	+4.1
Mining, oil field, and gas field machinery.....	2,718	2,735	2,712	-0.6	+0.8	-2.2	2,658	2,655	2,566	2,551	+4.2
Industrial machinery.....	8,065	8,170	8,324	-1.3	-1.9	-1.7	8,191	8,082	8,071	9,549	-14.2
Photographic equipment.....	2,189	2,210	2,235	-1.0	-1.1	-3.9	2,238	2,212	2,142	2,507	-10.7
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,345	4,344	4,321	0.0	+0.5	-3.5	4,389	4,267	4,050	4,865	-9.8
Metalworking machinery.....	5,553	5,610	5,647	-1.0	-0.7	-0.1	5,463	5,420	5,275	5,962	-8.4
Turbines, generators, and other power transmission equipment.....	5,916	5,882	5,980	+0.6	-1.6	+4.9	6,032	5,734	5,694	5,808	+3.9
Material handling equipment.....	2,291	2,326	2,407	-1.5	-3.4	-2.4	2,389	2,349	2,390	2,772	-13.8
Computers and electronic products.....	48,103	48,793	49,280	-1.4	-1.0	-3.2	48,440	48,268	46,978	61,795	-21.6
Electronic computers.....	2,872	2,945	2,963	-2.5	-0.6	-1.8	2,971	2,816	2,795	3,903	-23.9
Computer storage devices.....	1,289	1,309	1,402	-1.5	-6.6	-12.8	1,420	1,336	1,264	2,178	-34.8
Nondefense communications equipment.....	7,683	7,949	8,044	-3.3	-1.2	-7.6	7,757	7,954	7,667	12,807	-39.4
Defense communications equipment.....	551	548	533	+0.5	+2.8	-7.1	545	525	511	565	-3.5
Audio and video equipment.....	988	989	913	-0.1	+8.3	-10.2	965	965	871	1,108	-12.9
Semiconductors.....	7,208	7,108	7,343	+1.4	-3.2	-1.2	7,300	7,109	7,115	8,670	-15.8
Electronic components.....	7,688	7,823	7,856	-1.7	-0.4	-1.5	7,717	7,750	7,596	10,234	-24.6
Nondefense search and navigation equipment.....	2,833	2,821	2,768	+0.4	+1.9	-0.4	2,834	2,833	2,674	2,685	+5.5
Defense search and navigation equipment.....	3,165	3,170	3,178	-0.2	-0.3	-1.7	3,109	3,067	3,032	3,126	-0.5
Electromedical, measuring and control instruments.....	10,213	10,401	10,503	-1.8	-1.0	-2.6	10,218	10,277	10,092	12,059	-15.3
Electrical equipment, appliances, and components.....	14,439	14,520	14,655	-0.6	-0.9	-1.2	14,753	14,445	14,172	16,448	-10.3
Electric lighting equipment.....	1,681	1,699	1,695	-1.1	+0.2	+0.2	1,691	1,669	1,599	1,894	-10.7
Household appliances.....	2,421	2,403	2,423	+0.7	-0.8	-4.3	2,521	2,392	2,243	2,669	-5.5
Electrical equipment.....	4,877	4,936	4,988	-1.2	-1.0	+2.6	4,989	4,968	4,917	5,054	-1.3
Batteries.....	745	749	751	-0.5	-0.3	-4.5	734	701	691	822	-10.7
Transportation equipment.....	73,359	73,237	74,009	+0.2	-1.0	+1.1	73,151	72,447	71,422	76,438	-4.3
Automobiles.....	1,858	1,952	1,883	-4.8	+3.7	+2.9	1,851	1,868	1,719	2,133	-13.2
Light trucks and utility vehicles.....	1,483	1,535	1,480	-3.4	+3.7	-6.7	1,429	1,464	1,342	1,707	-16.3
Heavy duty trucks.....	830	795	830	+4.4	-4.2	-4.8	844	800	787	1,043	-19.1
Motor vehicle bodies, parts, and trailers.....	15,251	15,419	15,819	-1.1	-2.5	-0.8	15,271	15,466	15,812	17,435	-12.4
Nondefense aircraft and parts.....	30,965	30,871	30,858	+0.3	0.0	-1.0	30,700	30,279	29,488	31,108	-1.3
Defense aircraft and parts.....	10,792	10,686	10,869	+1.0	-1.7	+10.6	10,926	10,568	10,333	11,197	-2.4
Ships and boats.....	2,350	2,326	2,363	+1.0	-1.6	+3.4	2,373	2,304	2,274	2,227	+6.6
Furniture and related products.....	7,466	7,535	7,618	-0.9	-1.1	-3.4	7,397	7,486	7,424	8,819	-16.1
Miscellaneous durable goods.....	17,766	17,748	17,874	+0.1	-0.7	+0.4	17,817	17,544	17,300	18,488	-3.6
Nondurable goods industries.....	163,275	163,626	164,543	-0.2	-0.6	-0.7	163,885	163,440	162,118	174,579	-6.1
Food products.....	29,706	29,652	29,568	+0.2	+0.3	-0.1	29,819	29,827	29,624	29,530	+1.0
Grain and oilseed milling.....	3,372	3,401	3,368	-0.9	+1.0	+3.4	3,487	3,602	3,512	3,456	+0.9
Dairy products.....	3,112	3,117	3,112	-0.2	+0.2	+1.2	3,090	3,044	2,857	2,934	+5.3
Meat, poultry, and seafood products.....	6,094	6,041	6,068	+0.9	-0.4	+0.4	6,131	5,899	5,877	5,638	+8.7
Beverage and tobacco products.....	13,897	13,938	13,935	-0.3	0.0	+0.9	14,198	14,333	14,221	13,979	+1.6
Beverages.....	8,456	8,491	8,434	-0.4	+0.7	+1.4	8,392	8,502	8,377	8,092	+3.7
Tobacco.....	5,441	5,447	5,501	-0.1	-1.0	+0.2	5,806	5,831	5,844	5,887	-1.4
Textile mills.....	5,755	5,805	6,019	-0.9	-3.6	-2.4	5,791	5,801	5,809	6,887	-15.9
Textile products.....	4,353	4,382	4,420	-0.7	-0.9	-0.5	4,341	4,357	4,235	4,843	-10.4
Apparel.....	8,497	8,690	8,888	-2.2	-2.2	-3.2	8,397	8,628	8,582	10,387	-19.2
Leather and allied products.....	1,346	1,373	1,402	-2.0	-2.1	-3.4	1,320	1,343	1,334	1,555	-15.1
Paper products.....	15,436	15,482	15,575	-0.3	-0.6	-0.7	15,604	15,601	15,500	16,313	-4.3
Pulp, paper, and paperboard mills.....	6,937	6,912	6,916	+0.4	-0.1	-0.8	7,017	6,950	6,935	7,221	-2.8
Paperboard containers.....	4,156	4,212	4,267	-1.3	-1.3	-1.1	4,199	4,248	4,235	4,605	-8.8
Printing.....	5,717	5,945	5,922	-3.8	+0.4	-1.2	5,525	5,695	5,478	6,456	-14.4
Petroleum and coal products.....	11,674	11,425	11,721	+2.2	-2.5	0.0	11,327	10,915	10,944	13,114	-13.6
Petroleum refineries.....	9,905	9,711	9,889	+2.0	-1.8	-0.5	9,602	9,253	9,295	11,294	-15.0
Basic chemicals.....	49,984	49,945	49,996	+0.1	-0.1	-0.6	50,267	49,780	49,494	52,572	-4.4
Pesticides, fertilizers, and other agricultural chemicals.....	2,637	2,646	2,660	-0.3	-0.5	-1.7	3,080	2,942	2,742	3,444	-10.6
Pharmaceuticals and medicines.....	18,560	18,294	18,211	+1.5	+0.5	+2.1	18,370	17,908	18,012	17,504	+4.9
Paints, coatings, and adhesives.....	3,168	3,169	3,144	0.0	+0.8	-2.1	3,173	3,150	3,046	3,278	-3.2
Plastics and rubber products.....	16,910	16,989	17,097	-0.5	-0.6	-1.5	17,296	17,160	16,897	18,943	-8.7

^p Preliminary

^r Revised

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

Table 5. VALUE OF MANUFACTURERS' SHIPMENTS, NEW ORDERS, UNFILLED ORDERS, AND TOTAL INVENTORIES FOR TOPICAL SERIES ¹
(Millions of Dollars)

Industry	Seasonally Adjusted						Not Seasonally Adjusted ²						
	Monthly			Percent Change			Monthly				Percent Change Feb. 02/01	Year to date	
	Feb. 2002 ^p	Jan. 2002 ^r	Dec. 2001	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2002 ^p	Jan. 2002 ^r	Dec. 2001	Feb. 2001		2002 ^p	2001
SHIPMENTS													
All manufacturing industries.....	321,944	331,216	326,794	-2.8	+1.4	+0.6	311,894	298,106	320,557	338,708	-7.9	610,000	649,406
Construction materials and supplies.....	32,077	32,898	32,291	-2.5	+1.9	-0.4	30,566	29,145	28,551	31,772	-3.8	59,711	61,269
Information technology.....	27,437	28,172	28,554	-2.6	-1.3	+3.7	24,982	22,801	34,917	30,813	-18.9	47,783	58,312
Capital goods.....	65,556	68,857	67,033	-1.9	-0.3	+2.3	61,104	55,005	76,275	70,263	-13.0	116,109	131,913
Nondefense capital goods ³	59,192	59,837	59,635	-1.1	+0.3	+0.8	55,094	49,232	67,832	64,736	-14.9	104,326	121,550
Excluding aircraft.....	55,046	55,793	54,778	-1.3	+1.9	+0.7	51,298	46,432	61,279	59,855	-14.3	97,730	114,025
Defense capital goods ⁴	6,364	7,020	7,398	-9.3	-5.1	+16.4	6,010	5,773	8,443	5,527	+8.7	11,783	10,363
Consumer goods.....	122,875	127,091	125,645	-3.3	+1.2	+1.3	119,448	117,837	120,174	125,268	-4.6	237,285	243,007
Consumer durable goods.....	34,456	36,741	35,008	-6.2	+5.0	+1.7	34,638	33,255	31,647	33,647	+2.9	67,893	62,836
Consumer nondurable goods.....	88,419	90,350	90,637	-2.1	-0.3	+1.1	84,810	84,582	88,527	91,621	-7.4	169,392	180,171
NEW ORDERS													
All manufacturing industries.....	323,768	324,006	320,616	-0.1	+1.1	+0.7	316,655	300,326	320,151	336,069	-5.8	616,981	652,586
Construction materials and supplies.....	32,175	32,677	31,849	-1.5	+2.6	-0.6	30,920	29,168	28,088	31,328	-1.3	60,088	60,927
Information technology.....	27,413	27,738	27,606	-1.2	+0.5	+1.2	25,565	23,283	35,075	31,231	-18.1	48,848	60,155
Capital goods.....	65,799	59,308	61,770	+10.9	-4.0	-0.6	62,618	52,839	76,714	68,547	-8.6	115,457	134,113
Nondefense capital goods ³	57,328	54,833	55,817	+4.6	-1.8	-1.1	54,347	48,074	65,105	63,268	-14.1	102,421	123,995
Excluding aircraft.....	54,344	53,866	53,511	+0.9	+0.7	-1.7	52,273	46,877	59,285	60,472	-13.6	99,150	118,036
Defense capital goods ⁴	8,471	4,475	5,953	+89.3	-24.8	+3.9	8,271	4,765	11,609	5,279	+56.7	13,036	10,118
Consumer goods.....	122,459	126,668	125,955	-3.3	+0.6	+1.1	119,236	118,140	120,270	125,287	-4.8	237,376	243,289
Consumer durable goods.....	34,040	36,318	35,318	-6.3	+2.8	+1.2	34,426	33,558	31,743	33,666	+2.3	67,984	63,118
UNFILLED ORDERS													
All manufacturing industries.....	538,451	536,627	543,837	+0.3	-1.3	-1.1	546,700	541,939	539,719	595,194	-8.1	(X)	(X)
Construction materials and supplies.....	32,473	32,375	32,596	+0.3	-0.7	-1.3	32,251	31,897	31,874	35,726	-9.7	(X)	(X)
Information technology.....	99,330	99,354	99,788	0.0	-0.4	-0.9	100,557	99,974	99,492	114,964	-12.5	(X)	(X)
Capital goods.....	371,331	371,088	378,637	+0.1	-2.0	-1.4	377,086	375,572	377,738	407,344	-7.4	(X)	(X)
Nondefense capital goods ³	238,668	240,532	245,536	-0.8	-2.0	-1.5	241,872	242,619	243,777	283,089	-14.6	(X)	(X)
Excluding aircraft.....	141,249	141,951	143,878	-0.5	-1.3	-0.9	143,370	142,395	141,950	166,724	-14.0	(X)	(X)
Defense capital goods ⁴	132,663	130,556	133,101	+1.6	-1.9	-1.1	135,214	132,953	133,961	124,255	+8.8	(X)	(X)
Consumer goods.....	8,639	9,055	9,478	-4.6	-4.5	+3.4	9,228	9,440	9,137	11,162	-17.3	(X)	(X)
Consumer durable goods.....	8,639	9,055	9,478	-4.6	-4.5	+3.4	9,228	9,440	9,137	11,162	-17.3	(X)	(X)
TOTAL INVENTORIES													
All manufacturing industries.....	441,761	443,644	447,261	-0.4	-0.8	-0.9	444,161	441,954	436,359	487,724	-8.9	(X)	(X)
Construction materials and supplies.....	44,880	45,189	45,327	-0.7	-0.3	-1.6	45,495	45,446	44,491	50,047	-9.1	(X)	(X)
Information technology.....	40,111	40,805	41,114	-1.7	-0.8	-4.0	40,479	40,336	39,131	51,407	-21.3	(X)	(X)
Capital goods.....	137,170	137,856	138,953	-0.5	-0.8	-1.2	137,718	136,320	133,613	152,781	-9.9	(X)	(X)
Nondefense capital goods ³	118,327	119,156	120,191	-0.7	-0.9	-1.5	119,076	117,780	115,377	134,152	-11.2	(X)	(X)
Excluding aircraft.....	94,539	95,372	96,635	-0.9	-1.3	-1.7	95,542	94,577	93,034	110,107	-13.2	(X)	(X)
Defense capital goods ⁴	18,843	18,700	18,762	+0.8	-0.3	+1.0	18,642	18,540	18,236	18,629	+0.1	(X)	(X)
Consumer goods.....	124,619	124,441	124,909	+0.1	-0.4	-0.4	124,707	123,943	122,678	131,260	-5.0	(X)	(X)
Consumer durable goods.....	26,141	26,256	26,280	-0.4	-0.1	-2.0	26,384	26,103	25,172	29,541	-10.7	(X)	(X)
Consumer nondurable goods.....	98,478	98,185	98,629	+0.3	-0.5	+0.1	98,323	97,840	97,506	101,719	-3.3	(X)	(X)

^p Preliminary ^r Revised (X) Not Applicable

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: small arms and ordnance; farm machinery and equipment; construction machinery; mining, oil, and gas field machinery; industrial machinery; vending, laundry, and other machinery; photographic equipment; metalworking machinery; turbines and generators; other power transmission equipment; pumps and compressors; material handling equipment; all other machinery; electronic computers; computer storage devices; other computer peripheral equipment; communications equipment; search and navigation equipment; electromedical, measuring, and control instruments; electrical equipment; other electrical equipment; appliances, and components; heavy duty trucks; aircraft; railroad rolling stock; ships and boats; office and institutional furniture; and medical equipment and supplies.

⁴ Defense capital goods industries include: small arms and ordnance; communications equipment; aircraft; missiles, space vehicles, and parts; ships and boats; and search and navigation equipment.

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

**Table 6. 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 Feb. 02/01
	Feb. 2002 ^p	Jan. 2002 ^r	Dec. 2001	Jan. - Feb.	Dec. - Jan.	Nov. - Dec.	Feb. 2002 ^p	Jan. 2002 ^r	Dec. 2001	Feb. 2001	
MATERIALS AND SUPPLIES											
All manufacturing industries.....	144,629	145,056	146,418	-0.3	-0.9	-1.7	144,970	145,637	145,908	163,560	-11.4
Durable goods industries.....	87,772	88,400	89,291	-0.7	-1.0	-1.6	88,084	88,789	88,936	101,846	-13.5
Wood products.....	3,688	3,650	3,594	+1.0	+1.6	-1.5	3,792	3,909	3,886	3,942	-3.8
Nonmetallic mineral products.....	3,223	3,252	3,263	-0.9	-0.3	-2.0	3,215	3,278	3,283	3,380	-4.9
Primary metals.....	6,261	6,442	6,531	-2.8	-1.4	-2.6	6,180	6,550	6,751	7,493	-17.5
Fabricated metal products.....	10,233	10,319	10,022	-0.8	+3.0	-1.7	10,199	10,334	10,057	11,115	-8.2
Machinery.....	17,112	17,290	17,591	-1.0	-1.7	-1.0	17,251	17,373	17,239	18,530	-6.9
Computers and electronic products.....	16,489	16,761	17,062	-1.6	-1.8	-2.9	16,445	16,486	16,619	22,407	-26.6
Electrical equipment, appliances, and components.....	5,297	5,336	5,445	-0.7	-2.0	-1.6	5,380	5,328	5,415	6,469	-16.8
Transportation equipment.....	16,163	16,087	16,407	+0.5	-2.0	-0.6	16,322	16,270	16,392	18,473	-11.6
Furniture and related products.....	3,052	3,019	3,085	+1.1	-2.1	-3.5	3,059	3,025	3,082	3,581	-14.6
Miscellaneous products.....	6,254	6,244	6,291	+0.2	-0.7	-0.2	6,241	6,236	6,212	6,456	-3.3
Nondurable goods industries.....	56,857	56,656	57,127	+0.4	-0.8	-1.9	56,886	56,848	56,972	61,714	-7.8
Food products.....	10,231	10,167	10,220	+0.6	-0.5	-0.9	10,258	10,335	10,229	10,693	-4.1
Beverage and tobacco products.....	5,853	5,877	5,862	-0.4	+0.3	+0.6	5,998	6,163	6,058	5,958	+0.7
Textiles.....	1,476	1,484	1,543	-0.5	-3.8	-4.1	1,491	1,500	1,535	1,909	-21.9
Textile products.....	1,461	1,477	1,508	-1.1	-2.1	-1.0	1,446	1,453	1,459	1,714	-15.6
Apparel.....	1,842	1,880	1,875	-2.0	+0.3	-5.8	1,842	1,868	1,874	2,403	-23.3
Leather and allied products.....	320	322	330	-0.6	-2.4	-6.5	312	314	321	427	-26.9
Paper products.....	7,323	7,324	7,353	0.0	-0.4	-1.0	7,382	7,368	7,381	7,717	-4.3
Printing.....	2,449	2,529	2,503	-3.2	+1.0	-4.9	2,394	2,493	2,411	3,001	-20.2
Petroleum and coal products.....	3,553	3,282	3,551	+8.3	-7.6	-1.8	3,422	3,065	3,404	3,879	-11.8
Basic chemicals.....	15,420	15,351	15,438	+0.4	-0.6	-2.6	15,384	15,326	15,368	16,537	-7.0
Plastics and rubber products.....	6,929	6,963	6,944	-0.5	+0.3	-1.9	6,957	6,963	6,932	7,476	-6.9
WORK IN PROCESS											
All manufacturing industries.....	131,293	131,796	132,095	-0.4	-0.2	-0.4	131,143	130,362	127,031	141,580	-7.4
Durable goods industries.....	103,438	103,976	104,576	-0.5	-0.6	-0.6	103,294	102,601	100,196	111,968	-7.7
Wood products.....	1,892	1,866	1,856	+1.4	+0.5	-0.2	1,924	1,862	1,808	2,061	-6.6
Nonmetallic mineral products.....	1,269	1,301	1,346	-2.5	-3.3	-4.6	1,321	1,324	1,279	1,610	-18.0
Primary metals.....	6,484	6,536	6,646	-0.8	-1.7	-2.2	6,506	6,558	6,590	7,538	-13.7
Fabricated metal products.....	10,732	10,765	11,189	-0.3	-3.8	-1.3	10,710	10,644	10,747	11,695	-8.4
Machinery.....	13,904	13,934	14,049	-0.2	-0.8	-2.5	13,872	13,460	13,327	15,265	-9.1
Computers and electronic products.....	17,004	17,213	17,306	-1.2	-0.5	-2.9	17,069	16,884	16,138	19,528	-12.6
Electrical equipment, appliances, and components.....	3,299	3,360	3,386	-1.8	-0.8	-2.0	3,316	3,308	3,219	4,061	-18.3
Transportation equipment.....	44,328	44,431	44,229	-0.2	+0.5	+1.6	44,102	44,089	42,736	45,325	-2.7
Furniture and related products.....	1,500	1,524	1,508	-1.6	+1.1	-2.2	1,508	1,533	1,493	1,816	-17.0
Miscellaneous products.....	3,026	3,046	3,061	-0.7	-0.5	-0.4	2,966	2,939	2,859	3,069	-3.4
Nondurable goods industries.....	27,855	27,820	27,519	+0.1	+1.1	+0.2	27,849	27,761	26,835	29,612	-6.0
Food products.....	2,474	2,486	2,463	-0.5	+0.9	-0.8	2,461	2,557	2,614	2,559	-3.8
Beverage and tobacco products.....	3,326	3,308	3,239	+0.5	+2.1	-1.4	3,462	3,470	3,411	3,441	+0.6
Textiles.....	1,427	1,440	1,477	-0.9	-2.5	-3.1	1,437	1,448	1,432	1,796	-20.0
Textile products.....	882	876	876	+0.7	0.0	-0.1	874	866	831	926	-5.6
Apparel.....	1,587	1,602	1,625	-0.9	-1.4	-2.6	1,588	1,594	1,501	2,120	-25.1
Leather and allied products.....	142	146	154	-2.7	-5.2	-5.5	140	146	147	234	-40.2
Paper products.....	1,359	1,391	1,401	-2.3	-0.7	-1.3	1,390	1,451	1,431	1,526	-8.9
Printing.....	1,606	1,684	1,740	-4.6	-3.2	+4.6	1,532	1,611	1,444	1,828	-16.2
Petroleum and coal products.....	2,565	2,619	2,605	-2.1	+0.5	+3.1	2,515	2,537	2,391	2,930	-14.2
Basic chemicals.....	10,142	9,941	9,572	+2.0	+3.9	+1.6	10,041	9,712	9,345	9,733	+3.2
Plastics and rubber products.....	2,345	2,327	2,367	+0.8	-1.7	-2.3	2,409	2,369	2,288	2,519	-4.4
FINISHED GOODS											
All manufacturing industries.....	165,839	166,792	168,748	-0.6	-1.2	-0.6	168,048	165,955	163,420	182,584	-8.0
Durable goods industries.....	87,276	87,642	88,851	-0.4	-1.4	-0.9	88,898	87,124	85,109	99,331	-10.5
Wood products.....	3,633	3,714	3,602	-2.2	+3.1	-4.5	3,740	3,678	3,387	4,246	-11.9
Nonmetallic mineral products.....	4,627	4,644	4,752	-0.4	-2.3	-1.2	4,786	4,718	4,657	5,321	-10.1
Primary metals.....	6,370	6,377	6,591	-0.1	-3.2	+1.0	6,498	6,418	6,522	7,434	-12.6
Fabricated metal products.....	11,103	11,241	11,330	-1.2	-0.8	-2.0	11,323	11,229	10,945	12,881	-12.1
Machinery.....	16,822	16,854	16,920	-0.2	-0.4	+0.2	17,401	16,989	16,467	18,646	-6.7
Computers and electronic products.....	14,610	14,819	14,912	-1.4	-0.6	-4.1	14,926	14,898	14,221	19,860	-24.8
Electrical equipment, appliances, and components.....	5,843	5,824	5,824	+0.3	0.0	-0.2	6,057	5,809	5,538	5,918	+2.3
Transportation equipment.....	12,868	12,719	13,373	+1.2	-4.9	+1.5	12,727	12,088	12,294	12,640	+0.7
Furniture and related products.....	2,914	2,992	3,025	-2.6	-1.1	-3.9	2,830	2,928	2,849	3,422	-17.3
Miscellaneous products.....	8,486	8,458	8,522	+0.3	-0.8	+1.3	8,610	8,369	8,229	8,963	-3.9
Nondurable goods industries.....	78,563	79,150	79,897	-0.7	-0.9	-0.1	79,150	78,831	78,311	83,253	-4.9
Food products.....	17,001	16,999	16,885	0.0	+0.7	+0.6	17,100	16,935	16,781	16,278	+5.0
Beverage and tobacco products.....	4,718	4,753	4,834	-0.7	-1.7	+3.0	4,738	4,700	4,752	4,580	+3.4
Textiles.....	2,852	2,881	2,999	-1.0	-3.9	-1.2	2,863	2,853	2,842	3,182	-10.0
Textile products.....	2,010	2,029	2,036	-0.9	-0.3	-0.3	2,021	2,038	1,945	2,203	-8.3
Apparel.....	5,068	5,208	5,388	-2.7	-3.3	-2.5	4,967	5,166	5,207	5,864	-15.3
Leather and allied products.....	884	905	918	-2.3	-1.4	-1.9	868	883	866	894	-2.9
Paper products.....	6,754	6,767	6,821	-0.2	-0.8	-0.2	6,832	6,782	6,688	7,070	-3.4
Printing.....	1,662	1,732	1,679	-4.0	+3.2	-1.2	1,599	1,591	1,623	1,627	-1.7
Petroleum and coal products.....	5,556	5,524	5,565	+0.6	-0.7	-0.2	5,390	5,313	5,149	6,305	-14.5
Basic chemicals.....	24,422	24,653	24,986	-0.9	-1.3	-0.2	24,842	24,742	24,781	26,302	-5.6
Plastics and rubber products.....	7,636	7,699	7,786	-0.8	-1.1	-0.8	7,930	7,828	7,677	8,948	-11.4

^p Preliminary

^r Revised

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

**Table 7. 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			
	Feb 2002 ^p	Jan 2002 ^r	Dec 2001	Nov 2001	Feb 2002 ^p	Jan 2002 ^r	Dec 2001	Nov 2001
All manufacturing industries.....	1.37	1.34	1.37	1.39	(X)	(X)	(X)	(X)
Durable goods industries.....	1.56	1.52	1.56	1.59	4.25	4.12	4.24	4.30
Wood products.....	1.31	1.31	1.31	1.33	(X)	(X)	(X)	(X)
Nonmetallic mineral products.....	1.25	1.22	1.27	1.30	(X)	(X)	(X)	(X)
Primary metals.....	1.76	1.70	1.81	1.79	1.54	1.49	1.58	1.55
Fabricated metal products.....	1.63	1.60	1.63	1.65	2.09	2.03	2.09	2.09
Machinery.....	2.04	2.05	2.18	2.16	2.57	2.63	2.86	2.80
Computers and electronic products.....	1.47	1.42	1.45	1.53	4.47	4.23	4.29	4.40
Electrical equipment, appliances, and components.....	1.54	1.51	1.48	1.53	1.81	1.74	1.75	1.82
Transportation equipment.....	1.38	1.32	1.36	1.38	8.40	8.20	8.22	8.56
Furniture and related products.....	1.33	1.29	1.34	1.39	1.30	1.27	1.30	1.27
Miscellaneous products.....	1.87	1.85	1.90	1.89	(X)	(X)	(X)	(X)
Nondurable goods industries.....	1.14	1.12	1.13	1.14	(X)	(X)	(X)	(X)
Food products.....	0.77	0.76	0.77	0.77	(X)	(X)	(X)	(X)
Beverage and tobacco products.....	1.52	1.43	1.40	1.47	(X)	(X)	(X)	(X)
Textiles.....	1.61	1.64	1.69	1.75	(X)	(X)	(X)	(X)
Textile products.....	1.52	1.58	1.57	1.56	(X)	(X)	(X)	(X)
Apparel.....	1.70	1.70	1.70	1.83	(X)	(X)	(X)	(X)
Leather and allied products.....	2.08	2.13	2.06	2.08	(X)	(X)	(X)	(X)
Paper products.....	1.29	1.23	1.26	1.25	(X)	(X)	(X)	(X)
Printing.....	0.73	0.74	0.74	0.75	(X)	(X)	(X)	(X)
Petroleum and coal products.....	0.73	0.70	0.72	0.75	(X)	(X)	(X)	(X)
Basic chemicals.....	1.51	1.46	1.47	1.45	(X)	(X)	(X)	(X)
Plastics and rubber products.....	1.16	1.13	1.16	1.19	(X)	(X)	(X)	(X)

^p Preliminary ^r Revised

(X) Not Applicable

¹ Excludes the following industries with no unfilled orders: Wood products; nonmetallic mineral products; medical equipment and supplies; office supplies; other miscellaneous manufacturing; cutlery and handtools; farm and garden machinery; computer storage and peripheral devices; audio and video equipment; manufacturing and reproducing magnetic and optical media; batteries; automobiles; light trucks and utility vehicles; heavy duty trucks; and miscellaneous furniture.

Table 8. REVISIONS TO PREVIOUSLY PUBLISHED MONTHLY PERCENT CHANGES
(Based on Seasonally Adjusted data)

Industry	Shipments			New Orders			Unfilled Orders			Inventories		
	Feb ¹ 2002	Feb ² 1997- 2001	Feb 2001- Jan 2002	Feb ¹ 2002	Feb ² 1997- 2001	Feb 2001- Jan 2002	Feb ¹ 2002	Feb ² 1997- 2001	Feb 2001- Jan 2002	Feb ¹ 2002	Feb ² 1997- 2001	Feb 2001- Jan 2002
All manufacturing industries.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Durable goods industries.....	0.0	(NA)	(NA)	0.3	(NA)	(NA)	0.0	(NA)	(NA)	0.0	(NA)	(NA)
Wood products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Nonmetallic mineral products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Primary metals.....	-0.1	(NA)	(NA)	0.0	(NA)	(NA)	0.0	(NA)	(NA)	0.1	(NA)	(NA)
Fabricated metal products.....	-0.7	(NA)	(NA)	1.0	(NA)	(NA)	0.2	(NA)	(NA)	-0.1	(NA)	(NA)
Machinery.....	-0.4	(NA)	(NA)	-0.2	(NA)	(NA)	0.2	(NA)	(NA)	0.0	(NA)	(NA)
Computers and electronic products.....	-0.3	(NA)	(NA)	-0.7	(NA)	(NA)	0.0	(NA)	(NA)	-0.4	(NA)	(NA)
Electrical equipment, appliances, and components.....	-0.1	(NA)	(NA)	0.0	(NA)	(NA)	0.3	(NA)	(NA)	-0.1	(NA)	(NA)
Transportation equipment.....	1.0	(NA)	(NA)	1.4	(NA)	(NA)	0.1	(NA)	(NA)	0.1	(NA)	(NA)
Furniture and related products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Miscellaneous products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Nondurable goods industries.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Food products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Beverage and tobacco products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Textiles.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Textile products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Apparel.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Leather and allied products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Paper products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Printing.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Petroleum and coal products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Basic chemicals.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Plastics and rubber products.....	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)

(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 revisions of the current month for the past five years.

See note at end of Table 2 relating to survey error and revision. In Table 8, the second column for each item represents the average revisions of the current month for the past five years.