Manufacturers' Shipments, Inventories, and Orders

May
2001

Issued July 3, 2001

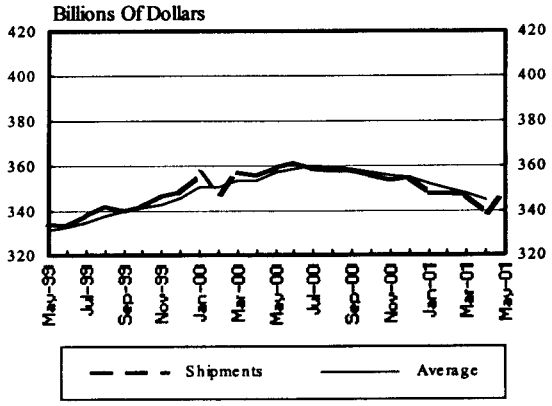
M3-1(01)-5

Current Industrial Reports

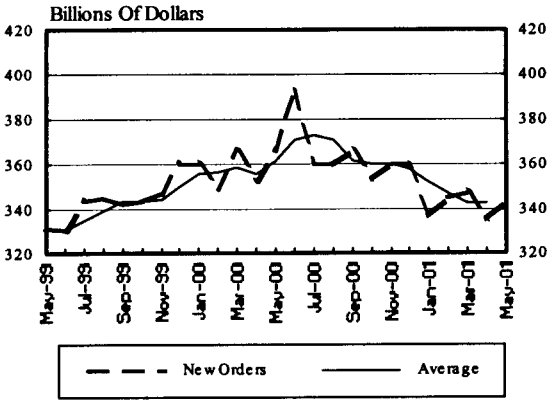
For Wire Transmission 10:00 a.m. E.D.T., July 3, 2001

All figures in the text are in seasonally adjusted current dollars

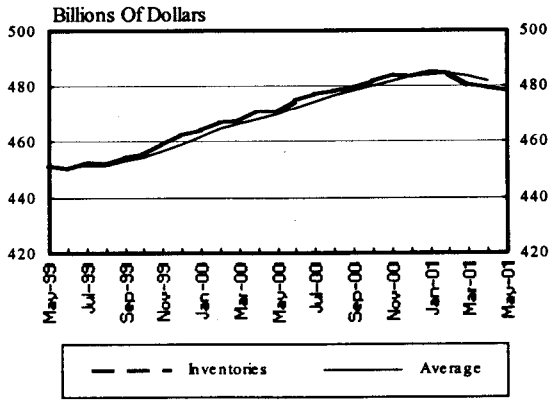
Total Manufacturing
Shipments and Three Month Moving Average



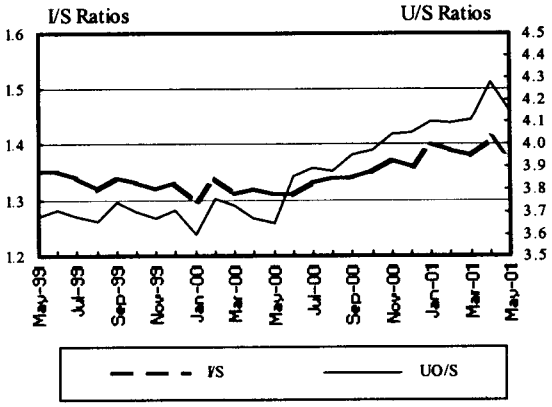
Total Manufacturing
New Orders and Three Month Moving Average



Total Manufacturing
Total Inventories and Three Month Moving Average



Total Manufacturing
Ratios of Unfilled Orders and Total Inventories to Shipments



U S C E N S U S B U R E A U

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U.S. Department of Commerce
Economic and Statistics Administration
U.S. CENSUS BUREAU

Summary

New orders for manufactured goods in May increased $8.3 billion or 2.5 percent to $343.7 billion, the Department of Commerce, Bureau of the Census reported today. This follows a 3.4 percent April decrease. Year to date, new orders for 2001 are 4.8 percent below the same period a year ago.

Shipments increased $8.8 billion or 2.6 percent to $347.8 billion, following a 2.4 percent April decrease. Year to date, shipments for 2001 are 2.6 percent below the same period a year ago.

Unfilled orders, down five consecutive months, decreased $4.1 billion or 0.7 percent to $578.8 billion, following a 0.6 percent April decrease. The unfilled orders-to-shipments ratio was 4.15, down from 4.28 in April.

Inventories, down four consecutive months, decreased $1.6 billion or 0.3 percent to $478.1 billion, following a 0.2 percent April decrease. The inventories-to-shipments ratio was 1.37, down from 1.41 in April.

New Orders

New Orders for manufactured durable goods in May increased $5.4 billion or 3.0 percent to $188.3 billion, revised from the previously published 2.9 percent increase.

Transportation equipment, up three of the last four months, had the largest increase, $1.8 billion or 3.5 percent to $54.5 billion, due to motor vehicles and parts. Computers and electronic products increased $0.8 billion or 2.3 percent to $35.6 billion, due to semiconductors. Primary metals increased $0.6 billion or 5.6 percent to $12.3 billion; this is the largest increase since February 1999. Machinery increased $0.6 billion or 2.7 percent to $24.7 billion.

New orders for nondurable goods increased $2.8 billion or 1.9 percent to $155.3 billion.

Shipments

Shipments of durable goods in May increased $5.9 billion or 3.2 percent to $192.4 billion, revised from the previously published 3.1 percent increase. This is the largest increase since February 1998.

Transportation equipment, led by motor vehicles and parts, had the largest increase, $4.6 billion or 9.3 percent to $54.0 billion. Primary metals increased $0.5 billion or 4.2 percent to $12.3 billion; this is the largest increase since December 1994. Wood products increased $0.4 billion or 6.7 percent to $7.2 billion; this is the largest increase since February 1993. Computers and electronic products, down five consecutive months, decreased $0.8 billion or 2.1 percent to $38.2 billion.

Shipments of nondurable goods increased $2.8 billion or 1.9 percent to $155.3 billion. Beverage and tobacco products, petroleum and coal products, and basic chemicals had the largest increases.

Unfilled Orders

Unfilled Orders for durable goods in May decreased $4.1 billion or 0.7 percent to $578.8 billion, unrevised from the previously published 0.7 percent decrease. This is the fifth consecutive decrease.

Computers and electronic products, led by semiconductors, had the largest decrease, $2.6 billion or 1.8 percent to $139.4 billion; this is the sixth consecutive decrease. Electrical equipment, appliances, and components decreased $0.5 billion or 2.7 percent to $17.8 billion. Transportation equipment increased $0.5 billion or 0.2 percent to $289.5 billion.

Inventories

Inventories of durable goods in May decreased $1.4 billion or 0.5 percent to $305.1 billion, unrevised from the previously published 0.5 percent decrease.

Primary metals, down seven consecutive months, had the largest decrease, $0.3 billion or 1.5 percent to $21.5 billion.

Inventories of nondurable goods decreased $0.2 billion or 0.1 percent to $173.0 billion, mostly due to plastics and rubber products.

By stage of fabrication, May finished goods decreased 0.6 percent in durables and 0.3 percent in nondurables. Work in process decreased 0.8 percent in durables and decreased slightly in nondurables. Materials and supplies decreased slightly in durables and increased 0.1 percent in nondurables.

NOTE: The data in this press release are consistent with the revised historical series released May 21, 2001 and the May Advance report on durable goods released June 26, 2001. The revised historical series are available on our internet site.

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

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 301-457-4832 or 301-457-4814.

The advance report on durable goods for June is scheduled for July 26, 2001 at 8:30 a.m. and the full report on August 2, 2001 at 10:00 a.m. For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. This report is available on the day of issue through STAT-USA/Internet at www.stat-usa.gov.

Table 1. VALUE OF MANUFACTURERS' SHIPMENTS FOR INDUSTRY GROUPS

(Millions of Dollars)

Industry	Seasonally Adjusted						Not Seasonally Adjusted [1]						
	Monthly			Percent Change			Monthly				Percent Change	Year to date	
	May 2001[p]	Apr. 2001[r]	Mar. 2001	Apr. - May	Mar. - Apr.	Feb. - Mar.	May 2001[p]	Apr. 2001[r]	Mar. 2001	May 2000	May 01/00	2001[p]	2000
All manufacturing industries	347,786	339,031	347,486	+2.6	-2.4	-0.1	350,296	330,087	369,578	362,265	-3.3	1,699,367	1,757,580
Excluding transportation	293,821	289,662	294,916	+1.4	-1.8	-1.0	292,901	280,915	310,604	302,102	-3.0	1,440,561	1,468,810
Excluding defense	340,918	332,458	340,693	+2.5	-2.4	-0.2	343,461	323,907	362,144	355,917	-3.5	1,667,175	1,726,006
Durable goods industries	192,442	186,519	194,082	+3.2	-3.9	+0.4	193,294	180,057	212,635	206,763	-6.5	942,346	1,004,423
Wood products	7,215	6,765	6,537	+6.7	+3.5	-1.2	7,680	6,819	6,560	7,945	-3.3	33,096	38,707
Nonmetallic mineral products	7,712	7,499	7,460	+2.8	+0.5	-0.3	8,085	7,540	7,385	8,444	-4.3	36,579	39,856
Primary metals	12,277	11,785	12,191	+4.2	-3.3	+0.1	12,656	12,063	12,857	14,227	-11.0	62,012	71,454
Iron and steel mills	5,355	5,022	5,237	+6.6	-4.1	+0.6	5,543	5,145	5,544	6,415	-13.6	26,658	32,144
Aluminum and nonferrous metals	5,632	5,518	5,680	+2.1	-2.9	-0.7	5,740	5,661	5,955	6,338	-9.4	28,891	31,970
Ferrous metal foundries	1,290	1,245	1,274	+3.6	-2.3	+1.5	1,373	1,257	1,358	1,474	-6.9	6,463	7,340
Fabricated metal products	20,580	20,242	20,574	+1.7	-1.6	-0.1	21,121	20,123	21,429	22,318	-5.4	101,943	108,627
Machinery	25,214	24,815	25,294	+1.6	-1.9	-1.1	25,330	24,735	28,210	25,147	+0.7	125,277	123,237
Farm machinery	1,249	1,167	1,073	+7.0	+8.8	-11.2	1,502	1,495	1,379	1,381	+8.8	6,979	6,489
Construction machinery	1,650	1,620	1,705	+1.9	-5.0	+6.0	1,812	1,750	2,119	2,037	-11.0	8,915	10,010
Mining, oil field, and gas field machinery	1,088	1,050	1,047	+3.6	+0.3	+1.9	1,024	991	1,127	761	+34.6	5,131	3,882
Industrial machinery	4,051	4,104	4,331	-1.3	-5.2	-6.0	3,543	4,037	4,711	3,675	-3.6	20,326	18,145
Photographic equipment	1,339	1,303	1,432	+2.8	-9.0	+7.5	1,336	1,213	1,481	1,211	+10.3	6,277	5,867
Ventilation, heating, air-conditioning, and refrigeration equipment	2,811	2,631	2,795	+6.8	-5.9	+3.0	3,029	2,620	2,995	2,993	+1.2	13,488	13,931
Metalworking machinery	2,407	2,374	2,537	+1.4	-6.4	+2.0	2,334	2,130	2,763	2,475	-5.7	11,348	12,020
Turbines, generators, and other power transmission equipment	3,248	3,284	3,070	-1.1	+7.0	-2.0	3,106	2,820	3,388	2,977	+4.3	14,565	15,055
Material handling equipment	1,787	1,712	1,840	+4.4	-7.0	+1.4	1,781	1,695	2,009	1,764	+1.0	9,161	8,558
Computers and electronic products	38,218	39,049	42,373	-2.1	-7.8	-2.4	34,302	33,758	48,287	41,860	-18.1	192,045	204,031
Electronic computers	6,835	7,036	7,204	-2.9	-2.3	-2.4	5,989	6,023	8,977	7,472	-19.8	33,505	36,143
Computer storage devices	1,244	1,272	1,125	-2.2	+13.1	-11.8	978	804	1,611	967	+1.1	5,258	5,013
Nondefense communications equipment	6,964	7,184	8,033	-3.1	-10.6	+0.1	6,268	5,951	9,169	9,000	-30.4	34,093	42,267
Defense communications equipment	302	278	258	+8.6	+7.8	-14.9	310	267	286	251	+23.5	1,391	1,247
Audio and video equipment	807	806	948	+0.1	-15.0	-3.2	650	662	1,030	750	-13.3	4,091	4,305
Semiconductors	7,481	7,821	8,732	-4.3	-10.4	-3.8	6,638	7,176	9,232	8,255	-19.6	40,136	38,515
Electronic components	4,342	4,376	5,037	-0.8	-13.1	-12.4	4,118	3,993	5,251	5,948	-30.8	24,004	28,791
Nondefense search and navigation equipment	775	755	770	+2.6	-1.9	-0.1	758	696	815	800	-5.3	3,662	3,975
Defense search and navigation equipment	1,752	1,747	1,742	+0.3	+0.3	+1.2	1,643	1,623	1,905	1,572	+4.5	8,421	8,127
Electromedical, measuring, and control instruments	5,340	5,325	5,489	+0.3	-3.0	+3.5	5,118	4,792	6,193	4,694	+9.0	25,674	23,515
Electrical equipment, appliances, and components	11,393	11,199	11,375	+1.7	-1.5	-0.3	11,242	10,641	12,346	10,997	+2.2	55,149	53,391
Electric lighting equipment	1,204	1,243	1,167	-3.1	+6.5	-6.6	1,163	1,116	1,248	1,166	-0.3	5,841	5,690
Household appliances	2,038	1,964	1,967	+3.8	-0.2	+1.7	2,087	1,939	2,231	2,032	+2.7	9,861	9,829
Electrical equipment	3,295	3,158	3,306	+4.3	-4.5	+2.0	3,232	2,925	3,811	3,219	+0.4	15,951	16,195
Batteries	545	532	544	+2.4	-2.2	+0.2	519	452	526	580	-10.5	2,417	2,868
Transportation equipment	53,965	49,369	52,570	+9.3	-6.1	+5.0	57,395	49,172	58,974	60,163	-4.6	258,806	288,770
Automobiles	8,487	7,490	7,939	+13.3	-5.7	+12.3	9,169	7,549	9,065	9,341	-1.8	40,018	46,791
Light trucks and utility vehicles	11,633	10,629	11,138	+9.4	-4.6	+12.6	12,870	10,707	12,840	12,830	+0.3	55,386	63,297
Heavy duty trucks	1,072	1,011	1,071	+6.0	-5.6	-0.2	1,053	1,019	1,141	1,720	-38.8	5,230	8,911
Motor vehicle bodies, parts, and trailers	17,272	16,395	16,920	+5.3	-3.1	+2.5	18,365	16,718	18,513	19,694	-6.7	85,682	98,424
Nondefense aircraft and parts	8,339	7,127	8,342	+17.0	-14.6	-5.1	8,704	6,826	9,410	9,636	-9.7	38,911	36,908
Defense aircraft and parts	2,300	2,153	2,250	+6.8	-4.3	+4.9	2,275	1,967	2,480	2,043	+11.4	10,450	10,300
Ships and boats	1,709	1,614	1,740	+5.9	-7.2	+7.3	1,841	1,670	1,974	1,836	+0.3	8,531	8,808
Furniture and related products	6,098	6,158	6,103	-1.0	+0.9	-2.0	5,832	5,970	6,337	6,369	-8.4	30,381	31,551
Miscellaneous durable goods	9,770	9,638	9,605	+1.4	+0.3	-2.1	9,651	9,236	10,250	9,293	+3.9	47,058	44,799
Nondurable goods industries	155,344	152,512	153,404	+1.9	-0.6	-0.8	157,002	150,030	156,943	155,502	+1.0	757,021	753,157
Food products	38,200	37,959	37,986	+0.6	-0.1	+1.2	37,874	36,750	38,964	36,138	+4.8	185,431	177,989
Grain and oilseed milling	4,086	4,007	4,063	+2.0	-1.4	+0.7	4,194	3,884	4,102	3,948	+6.2	20,393	19,298
Dairy products	5,692	5,563	5,439	+2.3	+2.3	+2.5	5,809	5,371	5,678	5,204	+11.6	26,849	24,961
Meat, poultry, and seafood products	11,447	11,535	11,448	-0.8	+0.8	+2.0	11,595	11,337	11,507	10,991	+5.5	55,668	52,498
Beverage and tobacco products	10,246	9,439	9,504	+8.5	-0.7	-1.2	10,936	9,179	9,668	10,269	+6.5	47,310	45,772
Beverages	5,849	5,450	5,675	+7.3	-4.0	+0.2	6,319	5,494	5,633	5,831	+8.4	27,256	26,195
Tobacco	4,397	3,989	3,829	+10.2	+4.2	-3.2	4,617	3,685	4,035	4,438	+4.0	20,054	19,577
Textile mills	3,990	3,955	4,000	+0.9	-1.1	-3.7	4,016	3,797	4,294	4,499	-10.7	19,850	22,275
Textile products	2,734	2,734	2,733	0.0	0.0	-1.9	2,777	2,765	2,883	2,776	0.0	13,587	13,769
Apparel	5,311	5,393	5,463	-1.5	-1.3	-0.2	4,749	5,091	5,616	4,902	-3.1	25,978	26,010
Leather and allied products	787	790	813	-0.4	-2.8	-2.4	733	706	821	781	-6.1	3,803	3,871
Paper products	13,504	13,365	13,528	+1.0	-1.2	-1.1	13,357	12,966	13,655	14,371	-7.1	66,843	70,997
Pulp, paper, and paperboard mills	6,223	6,237	6,252	-0.2	-0.2	-1.5	6,070	6,063	6,318	6,614	-8.2	31,145	33,120
Paperboard containers	4,131	4,037	4,113	+2.3	-1.8	-1.5	4,138	4,005	4,159	4,606	-10.2	20,425	22,498
Printing	8,658	8,520	8,689	+1.6	-1.9	+0.6	8,253	8,092	8,757	8,646	-4.5	41,412	42,260
Petroleum and coal products	20,302	19,609	18,687	+3.5	+4.9	-4.1	21,061	19,413	17,395	19,204	+9.7	93,958	89,824
Petroleum refineries	18,288	17,702	16,852	+3.3	+5.0	-4.8	18,963	17,606	15,649	17,289	+9.7	85,383	81,334
Basic chemicals	36,713	36,135	37,122	+1.6	-2.7	-0.9	37,562	36,246	39,241	37,764	-0.5	183,950	183,178
Pesticides, fertilizers, and other agricultural chemicals	1,785	1,825	1,880	-2.2	-2.9	+5.8	2,695	2,899	2,683	2,620	+2.9	11,696	11,235
Pharmaceuticals and medicines	10,293	10,090	10,318	+2.0	-2.2	-4.9	10,161	9,711	10,403	10,048	+1.1	50,299	48,073
Paints, coatings, and adhesives	2,547	2,450	2,489	+4.0	-1.6	+0.2	2,830	2,597	2,617	2,692	+5.1	12,751	12,431
Plastics and rubber products	14,899	14,613	14,879	+2.0	-1.8	-0.1	15,684	15,025	15,649	16,152	-2.9	74,899	77,212

[p] Preliminary [r] Revised

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

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

Table 2. VALUE OF MANUFACTURERS' NEW ORDERS FOR INDUSTRY GROUPS

(Millions of Dollars)

Industry	Seasonally Adjusted						Not Seasonally Adjusted [1]						
	Monthly			Percent Change			Monthly				Percent Change May 01/00	Year to date	
	May 2001[p]	Apr. 2001[r]	Mar. 2001	Apr. - May	Mar. - Apr.	Feb. - Mar.	May 2001[p]	Apr. 2001[r]	Mar. 2001	May 2000		2001[p]	2000
All manufacturing industries	343,673	335,415	347,359	+2.5	-3.4	+0.7	341,471	325,465	369,452	364,092	-6.2	1,688,974	1,787,119
Excluding transportation	289,185	282,749	289,233	+2.3	-2.2	-2.1	285,971	275,476	303,527	307,968	-7.1	1,422,952	1,495,961
Excluding defense	336,085	328,051	337,971	+2.4	-2.9	0.0	335,178	319,186	356,890	359,340	-6.7	1,651,392	1,751,291
Durable goods industries	188,329	182,903	193,955	+3.0	-5.7	+1.9	184,469	175,435	212,509	208,590	-11.6	931,953	1,033,962
Primary metals	12,285	11,635	11,868	+5.6	-2.0	-1.2	12,395	11,697	12,695	13,465	-7.9	62,223	72,191
Iron and steel mills	5,373	4,921	5,054	+9.2	-2.6	+0.3	5,445	4,952	5,426	5,922	-8.1	26,721	32,406
Aluminum and nonferrous metals	5,614	5,410	5,576	+3.8	-3.0	-2.6	5,594	5,442	5,943	6,052	-7.6	29,014	32,309
Ferrous metal foundries	1,298	1,304	1,238	-0.5	+5.3	-1.2	1,356	1,303	1,326	1,491	-9.1	6,488	7,476
Fabricated metal products	20,132	19,802	20,143	+1.7	-1.7	-0.5	20,569	19,915	21,422	22,466	-8.4	101,437	110,596
Machinery	24,728	24,087	23,903	+2.7	+0.8	-5.7	24,599	23,944	26,653	25,849	-4.8	123,933	128,952
Construction machinery	1,572	1,553	1,615	+1.2	-3.8	+9.3	1,667	1,669	1,987	1,852	-10.0	8,651	9,822
Mining, oil field, and gas field machinery	1,142	1,064	1,074	+7.3	-0.9	+6.3	1,083	1,007	1,136	699	+54.9	5,312	3,856
Industrial machinery	3,831	3,347	3,415	+14.5	-2.0	-20.6	3,281	3,545	3,570	4,334	-24.3	18,443	21,955
Photographic equipment	1,329	1,293	1,433	+2.8	-9.8	+7.3	1,328	1,198	1,474	1,203	+10.4	6,135	5,817
Ventilation, heating, air-conditioning, and refrigeration equipment	2,651	2,602	2,788	+1.9	-6.7	+4.3	2,896	2,657	3,064	3,105	-6.7	13,687	14,398
Metalworking machinery	2,406	2,266	2,379	+6.2	-4.7	+0.4	2,431	2,023	2,603	2,418	+0.5	11,208	12,105
Turbines, generators, and other power transmission equipment	3,142	3,613	3,103	-13.0	+16.4	-18.3	2,895	2,829	3,240	3,351	-13.6	15,511	15,465
Material handling equipment	1,779	1,608	1,732	+10.6	-7.2	-4.3	1,645	1,559	2,108	1,622	+1.4	9,116	9,244
Computers and electronic products	35,598	34,796	40,311	+2.3	-13.7	-4.6	29,921	30,708	45,039	46,776	-36.0	179,996	219,053
Electronic computers	6,753	6,948	7,337	-2.8	-5.3	-3.3	6,375	5,904	9,004	8,163	-21.9	33,814	36,342
Nondefense communications equipment	6,220	6,986	7,494	-11.0	-6.8	+1.2	5,098	5,549	8,605	8,174	-37.6	32,790	45,086
Defense communications equipment	230	324	299	-29.0	+8.4	-16.5	228	291	306	272	-16.2	1,447	1,306
Semiconductors	6,431	4,854	8,132	+32.5	-40.3	-9.4	4,316	5,731	7,560	13,064	-67.0	32,075	45,723
Electronic components	3,971	3,782	3,854	+5.0	-1.9	-19.7	3,571	3,242	3,856	6,374	-44.0	20,761	32,596
Nondefense search and navigation equipment	649	604	691	+7.5	-12.6	-1.6	643	551	767	813	-20.9	3,324	3,864
Defense search and navigation equipment	1,515	1,437	1,833	+5.4	-21.6	-9.3	1,037	1,289	2,449	1,327	-21.9	8,633	8,587
Electromedical, measuring, and control instruments	5,402	5,334	5,563	+1.3	-4.1	+5.0	5,193	4,914	6,033	4,721	+10.0	25,993	24,098
Electrical equipment, appliances, and components	10,892	10,798	10,794	+0.9	0.0	-5.8	10,577	10,146	11,595	11,111	-4.8	53,646	54,679
Electric lighting equipment	1,235	1,217	1,180	+1.5	+3.1	-5.8	1,245	1,094	1,250	1,214	+2.6	5,924	5,798
Household appliances	2,057	2,008	1,933	+2.4	+3.9	+1.3	2,069	1,800	2,031	2,020	+2.4	9,667	9,807
Electrical equipment	3,359	2,980	3,192	+12.7	-6.6	-0.7	3,266	2,766	3,672	3,121	+4.6	15,758	16,672
Transportation equipment	54,488	52,666	58,126	+3.5	-9.4	+17.4	55,500	49,989	65,925	56,124	-1.1	266,022	291,158
Motor vehicle bodies, parts, and trailers	17,358	16,764	16,892	+3.5	-0.8	+2.9	18,084	16,809	18,240	19,003	-4.8	85,571	96,843
Nondefense aircraft and parts	7,795	8,833	10,818	-11.8	-18.3	+27.9	7,145	6,938	11,600	7,564	-5.5	39,531	36,146
Defense aircraft and parts	3,639	2,284	2,072	+59.3	+10.2	-12.5	3,231	2,313	3,127	761	324.6	13,310	12,257
Ships and boats	1,494	2,499	4,746	-40.2	-47.3	212.4	1,453	2,121	6,216	2,186	-33.5	12,243	10,531
Furniture and related products	6,022	5,950	5,861	+1.2	+1.5	-4.4	5,892	5,920	6,148	6,436	-8.5	30,058	32,471

[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' UNFILLED ORDERS FOR INDUSTRY GROUPS

(Millions of Dollars)

Industry	Seasonally Adjusted						Not Seasonally Adjusted				
	Monthly			Percent Change			Monthly				Percent Change
	May 2001[p]	Apr. 2001[r]	Mar. 2001	Apr. - May	Mar. - Apr.	Feb. - Mar.	May 2001[p]	Apr. 2001[r]	Mar. 2001	May 2000	May 01/00
All manufacturing industries	578,756	582,869	586,485	-0.7	-0.6	0.0	581,621	590,446	595,068	552,753	+5.2
Excluding transportation	289,238	293,874	300,787	-1.6	-2.3	-1.9	290,873	297,803	303,242	310,797	-6.4
Excluding defense	435,439	440,272	444,679	-1.1	-1.0	-0.6	435,637	443,920	448,641	433,388	+0.5
Durable goods industries	578,756	582,869	586,485	-0.7	-0.6	0.0	581,621	590,446	595,068	552,753	+5.2
Primary metals	18,663	18,655	18,805	0.0	-0.8	-1.7	19,165	19,426	19,792	22,123	-13.4
Iron and steel mills	8,818	8,800	8,901	+0.2	-1.1	-2.0	9,164	9,262	9,455	11,422	-19.8
Aluminum and nonferrous metals	7,619	7,637	7,745	-0.2	-1.4	-1.3	7,742	7,888	8,107	8,565	-9.6
Ferrous metal foundries	2,226	2,218	2,159	+0.4	+2.7	-1.6	2,259	2,276	2,230	2,136	+5.8
Fabricated metal products	41,718	42,166	42,606	-1.1	-1.0	-1.0	42,135	42,687	42,895	44,164	-4.6
Machinery	61,323	61,809	62,537	-0.8	-1.2	-2.2	61,938	62,669	63,460	62,464	-0.8
Construction machinery	2,179	2,257	2,324	-3.5	-2.9	-3.7	2,332	2,477	2,558	3,554	-34.4
Mining, oil field, and gas field machinery	1,526	1,472	1,458	+3.7	+1.0	+1.9	1,548	1,489	1,473	1,404	+10.3
Industrial machinery	10,717	10,937	11,694	-2.0	-6.5	-7.3	10,918	11,180	11,672	13,674	-20.2
Photographic equipment	787	797	807	-1.3	-1.2	+0.1	791	799	814	810	-2.3
Ventilation, heating, air-conditioning, and refrigeration equipment	4,645	4,805	4,834	-3.3	-0.6	-0.1	4,822	4,955	4,918	5,099	-5.4
Metalworking machinery	5,106	5,107	5,215	0.0	-2.1	-2.9	5,230	5,133	5,240	6,446	-18.9
Turbines, generators, and other power transmission equipment	20,822	20,928	20,599	-0.5	+1.6	+0.2	20,561	20,772	20,763	14,930	+37.7
Material handling equipment	5,969	5,977	6,081	-0.1	-1.7	-1.7	6,088	6,224	6,360	6,110	-0.4
Computers and electronic products	139,365	141,985	146,238	-1.8	-2.9	-1.4	139,003	143,384	146,434	149,086	-6.8
Electronic computers	10,343	10,425	10,513	-0.8	-0.8	+1.3	10,517	10,131	10,250	10,060	+4.5
Nondefense communications equipment	45,070	45,814	46,012	-1.6	-0.4	-1.2	44,960	46,130	46,532	42,169	+6.6
Defense communications equipment	2,626	2,698	2,652	-2.7	+1.7	+1.6	2,611	2,693	2,669	2,332	+12.0
Semiconductors	18,096	19,146	22,113	-5.5	-13.4	-2.6	17,269	19,591	21,036	30,881	-44.1
Electronic components	16,979	17,350	17,944	-2.1	-3.3	-6.2	16,801	17,348	18,099	18,775	-10.5
Nondefense search and navigation equipment	4,669	4,795	4,946	-2.6	-3.1	-1.6	4,756	4,871	5,016	5,779	-17.7
Defense search and navigation equipment	29,781	30,018	30,328	-0.8	-1.0	+0.3	30,216	30,822	31,156	28,655	+5.4
Electromedical, measuring, and control instruments	11,801	11,739	11,730	+0.5	+0.1	+0.6	11,873	11,798	11,676	10,435	+13.8
Electrical equipment, appliances, and components	17,825	18,326	18,727	-2.7	-2.1	-3.0	17,876	18,541	19,036	18,671	-4.3
Electric lighting equipment	1,597	1,566	1,592	+2.0	-1.6	+0.8	1,640	1,558	1,580	1,601	+2.4
Household appliances	1,123	1,104	1,060	+1.7	+4.2	-3.1	1,065	1,083	1,222	961	+10.8
Electrical equipment	9,775	9,711	9,889	+0.7	-1.8	-1.1	9,860	9,826	9,985	9,252	+6.6
Transportation equipment	289,518	288,995	285,698	+0.2	+1.2	+2.0	290,748	292,643	291,826	241,956	+20.2
Motor vehicle bodies, parts, and trailers	13,380	13,294	12,925	+0.6	+2.9	-0.2	13,283	13,564	13,473	14,788	-10.2
Nondefense aircraft and parts	151,525	152,069	150,363	-0.4	+1.1	+1.7	150,351	151,910	151,798	126,726	+18.6
Defense aircraft and parts	46,676	45,337	45,206	+3.0	+0.3	-0.4	47,755	46,799	46,453	36,960	+29.2
Ships and boats	22,413	22,628	21,743	-1.0	+4.1	+16.0	23,268	23,656	23,205	19,925	+16.8
Furniture and related products	6,698	6,774	6,982	-1.1	-3.0	-3.3	6,732	6,672	6,722	8,325	-19.1

[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
	May 2001[p]	Apr. 2001[r]	Mar. 2001	Apr. - May	Mar. - Apr.	Feb. - Mar.	May 2001[p]	Apr. 2001[r]	Mar. 2001	May 2000	May 01/00
All manufacturing industries	478,082	479,659	480,579	-0.3	-0.2	-0.8	479,548	480,751	477,458	473,761	+1.2
Excluding transportation	402,182	403,581	405,572	-0.3	-0.5	-0.6	403,765	404,965	403,321	396,328	+1.9
Excluding defense	455,783	457,288	458,563	-0.3	-0.3	-0.6	457,232	458,585	455,973	450,590	+1.5
Durable goods industries	305,097	306,488	307,133	-0.5	-0.2	-1.1	306,693	307,297	304,536	302,075	+1.5
Wood products	9,917	9,849	9,893	+0.7	-0.4	-0.4	9,598	9,629	9,933	9,850	-2.6
Nonmetallic mineral products	10,024	10,080	10,144	-0.6	-0.6	+1.0	10,164	10,307	10,383	9,802	+3.7
Primary metals	21,528	21,858	22,074	-1.5	-1.0	-1.6	21,377	21,792	21,906	22,706	-5.9
Iron and steel mills	11,593	11,857	12,002	-2.2	-1.2	-1.6	11,451	11,694	11,714	12,472	-8.2
Aluminum and nonferrous metals	8,115	8,179	8,259	-0.8	-1.0	-1.9	8,053	8,213	8,329	8,400	-4.1
Ferrous metal foundries	1,820	1,822	1,813	-0.1	+0.5	0.0	1,873	1,885	1,863	1,834	+2.1
Fabricated metal products	35,007	35,178	35,341	-0.5	-0.5	-0.2	35,203	35,425	35,532	34,747	+1.3
Machinery	51,226	51,510	51,776	-0.6	-0.5	+0.4	51,647	51,868	51,813	48,714	+6.0
Farm machinery	2,208	2,193	2,161	+0.7	+1.5	+0.4	2,191	2,226	2,266	2,072	+5.7
Construction machinery	3,879	3,896	3,943	-0.4	-1.2	-0.2	3,889	3,938	4,022	3,610	+7.7
Mining, oil field, and gas field machinery	2,797	2,750	2,698	+1.7	+1.9	+3.7	2,837	2,741	2,659	2,452	+15.7
Industrial machinery	9,088	9,250	9,414	-1.8	-1.7	+0.3	9,265	9,266	9,296	8,665	+6.9
Photographic equipment	2,414	2,427	2,410	-0.5	+0.7	-1.0	2,435	2,453	2,383	2,148	+13.4
Ventilation, heating, air-conditioning, and refrigeration equipment	4,840	4,862	4,769	-0.5	+2.0	-0.3	4,967	5,021	4,822	4,545	+9.3
Metalworking machinery	6,153	6,133	6,245	+0.3	-1.8	+3.4	6,241	6,164	6,108	5,794	+7.7
Turbines, generators, and other power transmission equipment	5,451	5,523	5,626	-1.3	-1.8	-2.2	5,552	5,581	5,579	5,336	+4.0
Material handling equipment	2,614	2,642	2,656	-1.1	-0.5	0.0	2,671	2,722	2,744	2,488	+7.4
Computers and electronic products	58,795	59,051	59,733	-0.4	-1.1	-2.5	59,601	59,207	57,883	57,008	+4.5
Electronic computers	3,662	3,758	3,719	-2.6	+1.0	-0.6	3,715	3,676	3,405	3,491	+6.4
Computer storage devices	1,887	1,939	1,969	-2.7	-1.5	-3.1	1,993	2,006	1,823	1,795	+11.0
Nondefense communications equipment	11,037	11,102	11,656	-0.6	-4.8	-7.7	11,058	10,938	11,304	12,460	-11.3
Defense communications equipment	581	567	561	+2.5	+1.1	-1.1	601	574	555	622	-3.4
Audio and video equipment	1,183	1,146	1,087	+3.2	+5.4	-2.4	1,119	1,029	955	1,003	+11.6
Semiconductors	8,439	8,479	8,505	-0.5	-0.3	-1.5	8,627	8,691	8,367	7,334	+17.6
Electronic components	9,851	9,842	10,021	+0.1	-1.8	-2.2	9,884	9,759	9,748	9,316	+6.1
Nondefense search and navigation equipment	2,703	2,695	2,678	+0.3	+0.6	-0.4	2,739	2,754	2,631	2,673	+2.5
Defense search and navigation equipment	3,111	3,249	3,191	-4.2	+1.8	+0.9	3,178	3,323	3,113	3,264	-2.6
Electromedical, measuring and control instruments	11,966	11,799	11,904	+1.4	-0.9	-0.7	12,082	11,865	11,777	10,657	+13.4
Electrical equipment, appliances, and components	15,833	15,964	16,078	-0.8	-0.7	-0.4	16,126	16,295	16,132	15,114	+6.7
Electric lighting equipment	1,786	1,776	1,857	+0.6	-4.4	-2.9	1,805	1,795	1,800	1,846	-2.2
Household appliances	2,425	2,463	2,544	-1.5	-3.2	-1.5	2,621	2,641	2,596	2,744	-4.5
Electrical equipment	4,985	5,038	5,012	-1.1	+0.5	+0.8	5,001	5,080	4,972	4,448	+12.4
Batteries	819	809	802	+1.2	+0.9	-3.1	840	814	798	832	+1.0
Transportation equipment	75,900	76,078	75,007	-0.2	+1.4	-1.9	75,783	75,786	74,137	77,433	-2.1
Automobiles	2,103	2,268	2,117	-7.3	+7.1	-0.3	2,126	2,295	2,114	2,283	-6.9
Light trucks and utility vehicles	1,750	1,803	1,606	-2.9	+12.3	-5.6	1,813	1,836	1,626	1,858	-2.4
Heavy duty trucks	993	1,020	1,027	-2.6	-0.7	+0.6	989	1,003	1,034	1,065	-7.1
Motor vehicle bodies, parts, and trailers	17,176	17,279	17,104	-0.6	+1.0	-1.3	16,915	16,981	16,953	17,499	-3.3
Nondefense aircraft and parts	31,262	31,172	30,944	+0.3	+0.7	-1.1	31,343	31,374	30,709	31,919	-1.8
Defense aircraft and parts	10,025	10,043	10,339	-0.2	-2.9	-7.3	10,012	9,847	10,133	10,960	-8.6
Ships and boats	2,371	2,331	2,313	+1.7	+0.8	+4.0	2,374	2,348	2,330	2,245	+5.7
Furniture and related products	8,650	8,734	8,819	-1.0	-1.0	-0.6	8,746	8,726	8,704	8,834	-1.0
Miscellaneous durable goods	18,217	18,186	18,268	+0.2	-0.4	-0.9	18,448	18,262	18,113	17,867	+3.3
Nondurable goods industries	172,985	173,171	173,446	-0.1	-0.2	-0.2	172,855	173,454	172,922	171,686	+0.7
Food products	29,762	29,518	29,276	+0.8	+0.8	-0.3	28,877	28,900	28,891	29,602	-2.4
Grain and oilseed milling	3,316	3,339	3,357	-0.7	-0.5	+0.3	3,152	3,373	3,394	3,259	-3.3
Dairy products	3,024	2,968	2,952	+1.9	+0.5	+0.3	3,117	3,055	2,947	3,209	-2.9
Meat, poultry, and seafood products	5,684	5,628	5,580	+1.0	+0.9	-0.2	5,734	5,712	5,676	5,553	+3.3
Beverage and tobacco products	13,810	13,779	13,759	+0.2	+0.1	+1.1	13,568	13,721	13,862	13,619	-0.4
Beverages	8,234	8,232	8,262	0.0	-0.4	+1.5	8,245	8,273	8,331	7,970	+3.5
Tobacco	5,576	5,547	5,497	+0.5	+0.9	+0.6	5,323	5,448	5,531	5,649	-5.8
Textile mills	6,725	6,761	6,764	-0.5	0.0	-0.5	6,898	6,908	6,746	7,091	-2.7
Textile products	4,736	4,796	4,834	-1.3	-0.8	-1.0	4,844	4,872	4,806	4,880	-0.7
Apparel	10,286	10,328	10,364	-0.4	-0.3	-1.5	10,491	10,281	10,245	10,119	+3.7
Leather and allied products	1,540	1,565	1,587	-1.6	-1.4	+0.8	1,548	1,551	1,553	1,709	-9.4
Paper products	15,755	15,841	15,983	-0.5	-0.9	-1.1	15,824	15,947	15,998	16,277	-2.8
Pulp, paper, and paperboard mills	7,126	7,148	7,131	-0.3	+0.2	-0.2	7,179	7,204	7,155	7,014	+2.4
Paperboard containers	4,397	4,457	4,485	-1.3	-0.6	-1.7	4,384	4,449	4,462	4,854	-9.7
Printing	6,496	6,508	6,633	-0.2	-1.9	-0.2	6,392	6,467	6,571	6,786	-5.8
Petroleum and coal products	13,337	13,295	13,219	+0.3	+0.6	-1.3	13,716	13,459	12,942	13,530	+1.4
Petroleum refineries	11,403	11,420	11,334	-0.1	+0.8	-1.5	11,690	11,557	11,072	11,625	+0.6
Basic chemicals	52,324	52,322	52,432	0.0	-0.2	+0.3	52,362	52,576	52,454	49,768	+5.2
Pesticides, fertilizers, and other agricultural chemicals	2,974	2,977	2,962	-0.1	+0.5	+0.7	2,890	3,205	3,439	2,654	+8.9
Pharmaceuticals and medicines	17,810	17,705	17,919	+0.6	-1.2	+0.5	17,784	17,617	17,527	16,345	+8.8
Paints, coatings, and adhesives	3,299	3,332	3,302	-1.0	+0.9	+1.3	3,358	3,405	3,393	3,183	+5.5
Plastics and rubber products	18,214	18,458	18,595	-1.3	-0.7	+0.2	18,335	18,772	18,854	18,305	+0.2

[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 May 01/00	Year to date	
	May 2001[p]	Apr. 2001[r]	Mar. 2001	Apr. - May	Mar. - Apr.	Feb. - Mar.	May 2001[p]	Apr. 2001[r]	Mar. 2001	May 2000		2001[p]	2000
SHIPMENTS													
All manufacturing industries	347,786	339,031	347,486	+2.6	-2.4	-0.1	350,296	330,087	369,578	362,265	-3.3	1,699,367	1,757,580
Construction materials and supplies	33,915	32,739	32,737	+3.6	0.0	-0.5	35,305	32,657	33,433	36,603	-3.5	162,664	175,615
Information technology	32,045	32,457	34,427	-1.3	-5.7	+0.2	29,123	28,011	39,815	32,868	-11.4	155,261	161,401
Capital goods	72,842	71,265	74,881	+2.2	-4.8	-0.6	70,315	65,845	84,524	75,602	-7.0	352,597	360,638
Nondefense capital goods[3]	66,851	65,509	69,017	+2.0	-5.1	-1.0	64,310	60,387	78,171	69,997	-8.1	324,418	332,867
Excluding aircraft	62,204	62,061	64,277	+0.2	-3.4	-0.3	59,212	56,944	72,678	63,442	-6.7	302,859	310,770
Defense capital goods[4]	5,991	5,756	5,864	+4.1	-1.8	+4.1	6,005	5,458	6,353	5,605	+7.1	28,179	27,771
Consumer goods	131,684	127,707	128,493	+3.1	-0.6	+0.5	133,568	125,182	133,359	131,488	+1.6	635,116	642,016
Consumer durable goods	35,499	33,357	34,519	+6.4	-3.4	+5.5	37,182	33,510	39,007	38,660	-3.8	172,535	192,671
Consumer nondurable goods	96,185	94,350	93,974	+1.9	+0.4	-1.3	96,386	91,672	94,352	92,828	+3.8	462,581	449,345
NEW ORDERS													
All manufacturing industries	343,673	335,415	347,359	+2.5	-3.4	+0.7	341,471	325,465	369,452	364,092	-6.2	1,688,974	1,787,119
Construction materials and supplies	33,577	32,236	32,506	+4.2	-0.8	-0.2	34,834	32,444	33,634	36,683	-5.0	161,839	177,734
Information technology	30,221	31,514	33,703	-4.1	-6.5	-1.8	26,840	26,967	39,213	32,717	-18.0	153,175	166,085
Capital goods	71,176	70,864	76,571	+0.4	-7.5	+3.6	66,034	62,767	87,491	73,720	-10.4	350,405	372,734
Nondefense capital goods[3]	64,933	64,619	68,344	+0.5	-5.5	+0.5	61,016	57,946	76,690	69,223	-11.9	319,647	344,177
Excluding aircraft	60,414	60,215	61,767	+0.3	-2.5	-3.0	57,061	55,141	69,646	64,375	-11.4	299,884	322,675
Defense capital goods[4]	6,243	6,245	8,227	0.0	-24.1	+38.9	5,018	4,821	10,801	4,497	+11.6	30,758	28,557
Consumer goods	131,147	126,881	127,666	+3.4	-0.6	+0.3	133,150	124,453	131,850	132,038	+0.8	632,742	643,908
Consumer durable goods	34,962	32,531	33,692	+7.5	-3.4	+4.8	36,764	32,781	37,498	39,210	-6.2	170,161	194,563
UNFILLED ORDERS													
All manufacturing industries	578,756	582,869	586,485	-0.7	-0.6	0.0	581,621	590,446	595,068	552,753	+5.2	(X)	(X)
Construction materials and supplies	34,933	35,271	35,774	-1.0	-1.4	-0.6	35,243	35,714	35,927	36,977	-4.7	(X)	(X)
Information technology	110,407	112,231	113,174	-1.6	-0.8	-0.6	111,035	113,318	114,362	107,097	+3.7	(X)	(X)
Capital goods	401,115	402,781	403,182	-0.4	-0.1	+0.4	402,952	407,233	410,311	359,069	+12.2	(X)	(X)
Nondefense capital goods[3]	275,821	277,739	278,629	-0.7	-0.3	-0.2	275,873	279,167	281,608	254,576	+8.4	(X)	(X)
Excluding aircraft	158,512	160,302	162,148	-1.1	-1.1	-1.5	159,738	161,889	163,692	157,631	+1.3	(X)	(X)
Defense capital goods[4]	125,294	125,042	124,553	+0.2	+0.4	+1.9	127,079	128,066	128,703	104,493	+21.6	(X)	(X)
Consumer goods	8,108	8,645	9,471	-6.2	-8.7	-8.0	8,506	8,924	9,653	11,571	-26.5	(X)	(X)
Consumer durable goods	8,108	8,645	9,471	-6.2	-8.7	-8.0	8,506	8,924	9,653	11,571	-26.5	(X)	(X)
TOTAL INVENTORIES													
All manufacturing industries	478,082	479,659	480,579	-0.3	-0.2	-0.8	479,548	480,751	477,458	473,761	+1.2	(X)	(X)
Construction materials and supplies	48,756	48,905	49,210	-0.3	-0.6	-0.2	48,793	49,127	49,597	48,124	+1.4	(X)	(X)
Information technology	48,737	49,035	49,480	-0.6	-0.9	-2.3	49,384	49,175	48,117	47,750	+3.4	(X)	(X)
Capital goods	149,579	149,960	150,137	-0.3	-0.1	-1.1	150,825	150,648	148,039	147,134	+2.5	(X)	(X)
Nondefense capital goods[3]	130,536	130,913	131,727	-0.3	-0.6	-0.9	131,694	131,636	130,040	127,849	+3.0	(X)	(X)
Excluding aircraft	106,294	106,758	107,737	-0.4	-0.9	-0.9	107,592	107,399	106,331	103,067	+4.4	(X)	(X)
Defense capital goods[4]	19,043	19,047	18,410	0.0	+3.5	-2.3	19,131	19,012	17,999	19,285	-0.8	(X)	(X)
Consumer goods	130,512	130,514	130,390	0.0	+0.1	-0.5	130,351	129,982	129,202	128,997	+1.0	(X)	(X)
Consumer durable goods	28,761	29,047	28,835	-1.0	+0.7	-1.0	29,054	29,044	28,760	28,696	+1.2	(X)	(X)
Consumer nondurable goods	101,751	101,467	101,555	+0.3	-0.1	-0.3	101,297	100,938	100,442	100,301	+1.0	(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
	May 2001[p]	Apr. 2001[r]	Mar. 2001	Apr. - May	Mar. - Apr.	Feb. - Mar.	May 2001[p]	Apr. 2001[r]	Mar. 2001	May 2000	May 01/00
MATERIALS AND SUPPLIES											
All manufacturing industries	160,266	160,248	161,672	0.0	-0.9	-0.9	158,740	158,797	160,157	159,957	-0.8
Durable goods industries	99,238	99,256	100,302	0.0	-1.0	-1.3	97,903	97,740	98,574	97,556	+0.4
Wood products	3,915	3,946	3,878	-0.8	+1.8	+1.8	3,452	3,512	3,691	3,550	-2.8
Nonmetallic mineral products	3,399	3,408	3,405	-0.3	+0.1	+0.6	3,355	3,360	3,365	3,305	+1.5
Primary metals	7,399	7,472	7,519	-1.0	-0.6	-1.1	7,139	7,249	7,273	7,537	-5.3
Fabricated metal products	11,029	11,104	11,130	-0.7	-0.2	-0.4	10,922	10,975	10,977	11,492	-5.0
Machinery	18,260	18,329	18,386	-0.4	-0.3	+0.2	18,188	18,411	18,206	16,322	+11.4
Computers and electronic products	21,571	21,244	21,784	+1.5	-2.5	-3.2	21,509	20,749	21,316	21,782	-1.3
Electrical equipment, appliances, and components	6,336	6,328	6,292	+0.1	+0.6	-0.7	6,272	6,326	6,234	5,507	+13.9
Transportation equipment	17,378	17,511	17,866	-0.8	-2.0	-2.8	17,055	17,241	17,521	18,088	-5.7
Furniture and related products	3,484	3,484	3,560	0.0	-2.1	-0.8	3,501	3,469	3,539	3,679	-4.8
Miscellaneous products	6,467	6,430	6,482	+0.6	-0.8	+0.7	6,510	6,448	6,452	6,294	+3.4
Nondurable goods industries	61,028	60,992	61,370	+0.1	-0.6	-0.3	60,837	61,057	61,583	62,401	-2.5
Food products	10,675	10,618	10,578	+0.5	+0.4	-0.3	10,533	10,656	10,650	10,772	-2.2
Beverage and tobacco products	5,915	5,850	5,795	+1.1	+0.9	-0.1	5,900	5,917	5,878	6,025	-2.1
Textiles	1,836	1,857	1,867	-1.1	-0.5	-1.2	1,848	1,865	1,860	1,953	-5.4
Textile products	1,643	1,679	1,717	-2.1	-2.2	-1.2	1,672	1,690	1,703	1,735	-3.6
Apparel	2,329	2,389	2,411	-2.5	-0.9	-0.3	2,390	2,438	2,439	2,665	-10.3
Leather and allied products	447	440	430	+1.6	+2.3	-0.7	449	432	418	442	+1.6
Paper products	7,533	7,588	7,649	-0.7	-0.8	-0.1	7,458	7,601	7,686	7,802	-4.4
Printing	3,047	3,022	3,077	+0.8	-1.8	+0.2	2,926	2,906	3,108	3,037	-3.7
Petroleum and coal products	3,863	3,854	3,893	+0.2	-1.0	-2.2	3,994	3,948	3,913	4,495	-11.1
Basic chemicals	16,310	16,255	16,473	+0.3	-1.3	-0.3	16,268	16,155	16,455	16,220	+0.3
Plastics and rubber products	7,430	7,440	7,480	-0.1	-0.5	+0.8	7,399	7,449	7,473	7,255	+2.0
WORK IN PROCESS											
All manufacturing industries	139,668	140,518	140,457	-0.6	0.0	-0.8	140,242	141,268	138,930	143,347	-2.2
Durable goods industries	110,358	111,200	110,894	-0.8	+0.3	-0.8	111,143	111,903	109,881	114,535	-3.0
Wood products	1,984	1,935	1,959	+2.5	-1.2	-3.5	1,995	1,966	1,989	2,113	-5.6
Nonmetallic mineral products	1,514	1,509	1,523	+0.3	-0.9	-0.5	1,550	1,572	1,612	1,402	+10.6
Primary metals	7,222	7,287	7,299	-0.9	-0.2	-2.5	7,216	7,329	7,324	7,808	-7.6
Fabricated metal products	11,571	11,664	11,709	-0.8	-0.4	+0.4	11,622	11,646	11,680	11,133	+4.4
Machinery	15,021	15,214	15,336	-1.3	-0.8	+0.8	15,383	15,220	15,146	15,847	-2.9
Computers and electronic products	19,087	19,593	19,637	-2.6	-0.2	+0.9	19,449	20,201	19,105	20,031	-2.9
Electrical equipment, appliances, and components	3,894	3,967	3,997	-1.8	-0.8	-0.7	3,951	4,012	3,990	3,772	+4.7
Transportation equipment	45,196	45,161	44,550	+0.1	+1.4	-2.0	45,066	45,080	44,199	47,501	-5.1
Furniture and related products	1,777	1,792	1,796	-0.8	-0.2	-0.1	1,768	1,781	1,781	1,809	-2.3
Miscellaneous products	3,092	3,078	3,088	+0.5	-0.3	-0.8	3,143	3,096	3,055	3,119	+0.8
Nondurable goods industries	29,310	29,318	29,563	0.0	-0.8	-0.8	29,099	29,365	29,049	28,812	+1.0
Food products	2,592	2,574	2,585	+0.7	-0.4	-0.4	2,374	2,395	2,494	2,446	-2.9
Beverage and tobacco products	3,264	3,236	3,267	+0.9	-0.9	-1.2	3,113	3,176	3,259	3,231	-3.7
Textiles	1,727	1,759	1,785	-1.8	-1.5	-0.2	1,730	1,783	1,781	1,878	-7.9
Textile products	932	943	933	-1.2	+1.1	-1.0	955	956	914	955	0.0
Apparel	1,996	2,063	2,112	-3.2	-2.3	-2.8	2,085	2,076	2,040	2,312	-9.8
Leather and allied products	219	229	239	-4.4	-4.2	+1.3	216	228	236	267	-19.1
Paper products	1,458	1,426	1,422	+2.2	+0.3	-3.7	1,441	1,401	1,399	1,405	+2.6
Printing	1,822	1,823	1,909	-0.1	-4.5	+1.0	1,764	1,875	1,841	1,945	-9.3
Petroleum and coal products	2,889	2,856	2,917	+1.2	-2.1	-1.5	2,939	2,920	2,878	3,040	-3.3
Basic chemicals	9,974	9,955	9,956	+0.2	0.0	-0.2	10,059	10,029	9,693	9,037	+11.3
Plastics and rubber products	2,437	2,454	2,438	-0.7	+0.7	-0.7	2,423	2,526	2,514	2,296	+5.5
FINISHED GOODS											
All manufacturing industries	178,148	178,893	178,450	-0.4	+0.2	-0.7	180,566	180,686	178,371	170,457	+5.9
Durable goods industries	95,501	96,032	95,937	-0.6	+0.1	-1.3	97,647	97,654	96,081	89,984	+8.5
Wood products	4,018	3,968	4,056	+1.3	-2.2	-1.0	4,151	4,151	4,253	4,187	-0.9
Nonmetallic mineral products	5,111	5,163	5,216	-1.0	-1.0	+1.7	5,259	5,375	5,406	5,095	+3.2
Primary metals	6,907	7,099	7,256	-2.7	-2.2	-1.0	7,022	7,214	7,309	7,361	-4.6
Fabricated metal products	12,407	12,410	12,502	0.0	-0.7	-0.7	12,659	12,804	12,875	12,122	+4.4
Machinery	17,945	17,967	18,054	-0.1	-0.5	+0.3	18,076	18,237	18,461	16,545	+9.3
Computers and electronic products	18,137	18,214	18,312	-0.4	-0.5	-5.0	18,643	18,257	17,462	15,195	+22.7
Electrical equipment, appliances, and components	5,603	5,669	5,789	-1.2	-2.1	+0.3	5,903	5,957	5,908	5,835	+1.2
Transportation equipment	13,326	13,406	12,591	-0.6	+6.5	-0.3	13,662	13,465	12,417	11,844	+15.3
Furniture and related products	3,389	3,458	3,463	-2.0	-0.1	-0.7	3,477	3,476	3,384	3,346	+3.9
Miscellaneous products	8,658	8,678	8,698	-0.2	-0.2	-2.1	8,795	8,718	8,606	8,454	+4.0
Nondurable goods industries	82,647	82,861	82,513	-0.3	+0.4	+0.1	82,919	83,032	82,290	80,473	+3.0
Food products	16,495	16,326	16,113	+1.0	+1.3	-0.2	15,970	15,849	15,747	16,384	-2.5
Beverage and tobacco products	4,631	4,693	4,697	-1.3	-0.1	+4.4	4,555	4,628	4,725	4,363	+4.4
Textiles	3,162	3,145	3,112	+0.5	+1.1	-0.4	3,320	3,260	3,105	3,260	+1.8
Textile products	2,161	2,174	2,184	-0.6	-0.5	-0.9	2,217	2,226	2,189	2,190	+1.2
Apparel	5,961	5,876	5,841	+1.4	+0.6	-1.5	6,016	5,767	5,766	5,142	+17.0
Leather and allied products	874	896	918	-2.5	-2.4	+1.3	883	891	899	1,000	-11.7
Paper products	6,764	6,827	6,912	-0.9	-1.2	-1.6	6,925	6,945	6,913	7,070	-2.1
Printing	1,627	1,663	1,647	-2.2	+1.0	-2.3	1,702	1,686	1,622	1,804	-5.7
Petroleum and coal products	6,585	6,585	6,409	0.0	+2.7	-0.6	6,783	6,591	6,151	5,995	+13.1
Basic chemicals	26,040	26,112	26,003	-0.3	+0.4	+0.8	26,035	26,392	26,306	24,511	+6.2
Plastics and rubber products	8,347	8,564	8,677	-2.5	-1.3	-0.2	8,513	8,797	8,867	8,754	-2.8

[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]			
	May 2001[p]	Apr 2001[r]	Mar 2001	Feb 2001	May 2001[p]	Apr 2001[r]	Mar 2001	Feb 2001
All manufacturing industries	1.37	1.41	1.38	1.39	(X)	(X)	(X)	(X)
Durable goods industries	1.59	1.64	1.58	1.61	4.15	4.28	4.11	4.09
Wood products	1.37	1.46	1.51	1.50	(X)	(X)	(X)	(X)
Nonmetallic mineral products	1.30	1.34	1.36	1.34	(X)	(X)	(X)	(X)
Primary metals	1.75	1.85	1.81	1.84	1.52	1.58	1.54	1.57
Fabricated metal products	1.70	1.74	1.72	1.72	2.14	2.19	2.18	2.20
Machinery	2.03	2.08	2.05	2.02	2.62	2.68	2.64	2.70
Computers and electronic products	1.54	1.51	1.41	1.41	4.12	4.11	3.92	3.87
Electrical equipment, appliances, and components	1.39	1.43	1.41	1.41	1.64	1.72	1.73	1.78
Transportation equipment	1.41	1.54	1.43	1.53	8.83	9.56	8.81	8.74
Furniture and related products	1.42	1.42	1.45	1.42	1.23	1.23	1.29	1.31
Miscellaneous products	1.86	1.89	1.90	1.88	(X)	(X)	(X)	(X)
Nondurable goods industries	1.11	1.14	1.13	1.12	(X)	(X)	(X)	(X)
Food products	0.78	0.78	0.77	0.78	(X)	(X)	(X)	(X)
Beverage and tobacco products	1.35	1.46	1.45	1.41	(X)	(X)	(X)	(X)
Textiles	1.69	1.71	1.69	1.64	(X)	(X)	(X)	(X)
Textile products	1.73	1.75	1.77	1.75	(X)	(X)	(X)	(X)
Apparel	1.94	1.92	1.90	1.92	(X)	(X)	(X)	(X)
Leather and allied products	1.96	1.98	1.95	1.89	(X)	(X)	(X)	(X)
Paper products	1.17	1.19	1.18	1.18	(X)	(X)	(X)	(X)
Printing	0.75	0.76	0.76	0.77	(X)	(X)	(X)	(X)
Petroleum and coal products	0.66	0.68	0.71	0.69	(X)	(X)	(X)	(X)
Basic chemicals	1.43	1.45	1.41	1.40	(X)	(X)	(X)	(X)
Plastics and rubber products	1.22	1.26	1.25	1.25	(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		
	May[1] 2001	May[2] 1996-2000	May 2000-Apr 2001	May[1] 2001	May[2] 1996-2000	May 2000-Apr 2001	May[1] 2001	May[2] 1996-2000	May 2000-Apr 2001	May[1] 2001	May[2] 1996-2000	May 2000-Apr 2001
All manufacturing industries	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)	(X)	(NA)	(NA)
Durable goods industries	0.1	(NA)	(NA)	0.1	(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	-0.4	(NA)	(NA)	-0.3	(NA)	(NA)	-0.2	(NA)	(NA)	-0.1	(NA)	(NA)
Fabricated metal products	0.5	(NA)	(NA)	0.5	(NA)	(NA)	-0.1	(NA)	(NA)	-0.1	(NA)	(NA)
Machinery	0.1	(NA)	(NA)	0.1	(NA)	(NA)	0.0	(NA)	(NA)	-0.1	(NA)	(NA)
Computers and electronic products	-0.4	(NA)	(NA)	-0.4	(NA)	(NA)	0.1	(NA)	(NA)	0.5	(NA)	(NA)
Electrical equipment, appliances, and components	0.3	(NA)	(NA)	-2.5	(NA)	(NA)	-1.6	(NA)	(NA)	-0.2	(NA)	(NA)
Transportation equipment	0.1	(NA)	(NA)	0.1	(NA)	(NA)	0.0	(NA)	(NA)	0.0	(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.