

Table 5. Value of Manufacturers' Shipments, New Orders, Unfilled Orders, and Total Inventories for

Topical Series^{1, 2}

January 2023 - March 2023

[Estimates are shown in millions of dollars and are based on data from the Manufacturers' Shipments, Inventories, and Orders Survey.]

Industry	Seasonally Adjusted						Not Seasonally Adjusted						Percent Change ⁵ 2023/ 2022
	Monthly			Percent Change			Monthly			Year to date			
	Mar. 2023	Feb. 2023	Jan. 2023	Feb. - Mar.	Jan. - Feb.	Dec. - Jan.	Mar. 2023	Feb. 2023	Jan. 2023	Mar. 2022	2023	2022	
SHIPMENTS													
All manufacturing industries.....	574,998	578,124	581,720	-0.5	-0.6	0.7	612,862	535,019	540,816	607,719	1,688,697	1,627,643	3.8
Construction materials and supplies.....	61,886	62,000	62,225	-0.2	-0.4	-0.1	64,006	55,545	55,088	64,443	174,639	173,938	0.4
Information technology.....	24,388	24,285	24,358	0.4	-0.3	0.9	26,747	21,716	21,096	25,941	69,559	67,618	2.9
Computers and related products.....	1,965	1,928	1,945	1.9	-0.9	4.0	2,099	1,511	1,739	1,723	5,349	4,395	21.7
Motor vehicle and parts.....	61,047	61,127	61,443	-0.1	-0.5	0.4	70,491	58,888	55,883	65,552	185,262	168,174	10.2
Capital goods.....	94,298	92,516	93,289	1.9	-0.8	-0.8	105,563	85,275	81,914	96,750	272,752	253,094	7.8
Nondefense capital goods ³	81,460	79,537	80,110	2.4	-0.7	-0.9	91,281	72,637	70,938	83,326	234,856	217,565	7.9
Excluding aircraft.....	73,321	73,623	73,850	-0.4	-0.3	1.1	80,887	68,564	66,569	77,658	216,020	204,705	5.5
Defense capital goods ⁴	12,838	12,979	13,179	-1.1	-1.5	-0.7	14,282	12,638	10,976	13,424	37,896	35,529	6.7
Consumer goods.....	243,700	248,675	251,714	-2.0	-1.2	1.3	254,363	228,178	236,659	259,541	719,200	690,465	4.2
Consumer durable goods.....	44,738	44,647	45,332	0.2	-1.5	0.2	51,487	42,056	39,917	48,630	133,460	122,709	8.8
Consumer nondurable goods.....	198,962	204,028	206,382	-2.5	-1.1	1.6	202,876	186,122	196,742	210,911	585,740	567,756	3.2
NEW ORDERS													
All manufacturing industries ⁵	573,809	571,265	581,049	0.4	-1.7	0.0	618,458	532,423	542,609	614,653	1,693,490	1,655,878	2.3
Construction materials and supplies.....	62,037	61,886	62,019	0.2	-0.2	-0.3	65,862	56,080	55,965	66,249	177,907	178,330	-0.2
Information technology.....	25,076	24,447	24,393	2.6	0.2	0.0	28,451	22,218	21,194	27,274	71,863	69,307	3.7
Computers and related products ⁵	1,981	1,922	1,966	3.1	-2.2	5.4	2,115	1,505	1,760	1,725	5,380	4,380	22.8
Motor vehicle and parts.....	61,102	61,461	61,465	-0.6	0.0	0.6	70,263	59,953	56,428	65,633	186,644	169,675	10.0
Capital goods.....	97,755	90,496	98,883	8.0	-8.5	-4.9	113,243	84,690	87,261	105,571	285,194	285,896	-0.2
Nondefense capital goods ³	84,793	77,659	84,527	9.2	-8.1	-6.3	95,628	72,745	76,071	89,415	244,444	249,806	-2.1
Excluding aircraft.....	72,653	73,468	73,619	-1.1	-0.2	0.9	80,391	70,055	69,979	79,164	220,425	213,641	3.2
Defense capital goods ⁴	12,962	12,837	14,356	1.0	-10.6	4.2	17,615	11,945	11,190	16,156	40,750	36,090	12.9
Consumer goods.....	243,669	248,837	251,634	-2.1	-1.1	1.2	254,437	228,351	236,760	259,496	719,548	690,645	4.2
Consumer durable goods.....	44,707	44,809	45,252	-0.2	-1.0	-0.3	51,561	42,229	40,018	48,585	133,808	122,889	8.9
Consumer nondurable goods.....	198,962	204,028	206,382	-2.5	-1.1	1.6	202,876	186,122	196,742	210,911	585,740	567,756	3.2
UNFILLED ORDERS													
All manufacturing industries ⁵	1,279,679	1,275,522	1,276,988	0.3	-0.1	0.4	1,290,767	1,280,601	1,278,146	1,232,263	(X)	(X)	4.7
Construction materials and supplies.....	100,559	100,408	100,522	0.2	-0.1	-0.2	101,015	99,159	98,624	99,644	(X)	(X)	1.4
Information technology.....	134,335	133,647	133,485	0.5	0.1	0.0	135,414	133,710	133,208	132,230	(X)	(X)	2.4
Computers and related products ⁵	1,314	1,298	1,304	1.2	-0.5	1.6	1,314	1,298	1,304	1,312	(X)	(X)	0.2
Motor vehicle and parts.....	35,051	34,996	34,662	0.2	1.0	0.1	36,323	36,551	35,486	37,406	(X)	(X)	-2.9
Capital goods.....	939,849	936,392	938,412	0.4	-0.2	0.6	946,328	938,648	939,233	891,831	(X)	(X)	6.1
Nondefense capital goods ³	735,033	731,700	733,578	0.5	-0.3	0.6	738,232	733,885	733,777	687,946	(X)	(X)	7.3
Excluding aircraft.....	273,167	273,835	273,990	-0.2	-0.1	-0.1	275,085	275,581	274,090	271,614	(X)	(X)	1.3
Defense capital goods ⁴	204,816	204,692	204,834	0.1	-0.1	0.6	208,096	204,763	205,456	203,885	(X)	(X)	2.1
Consumer goods.....	12,078	12,109	11,947	-0.3	1.4	-0.7	12,226	12,152	11,979	12,575	(X)	(X)	-2.8
Consumer durable goods.....	12,078	12,109	11,947	-0.3	1.4	-0.7	12,226	12,152	11,979	12,575	(X)	(X)	-2.8
TOTAL INVENTORIES													
All manufacturing industries.....	853,732	859,843	860,359	-0.7	-0.1	0.1	853,755	861,700	857,451	836,408	(X)	(X)	2.1
Construction materials and supplies.....	92,902	92,835	93,031	0.1	-0.2	-0.1	94,260	94,155	93,549	91,119	(X)	(X)	3.4
Information technology.....	46,236	46,055	45,963	0.4	0.2	0.0	45,711	45,995	45,535	43,568	(X)	(X)	4.9
Computers and related products.....	3,665	3,609	3,657	1.6	-1.3	-1.8	3,487	3,564	3,517	3,491	(X)	(X)	-0.1
Motor vehicle and parts.....	53,125	53,694	53,508	-1.1	0.3	0.3	52,893	54,170	53,450	52,225	(X)	(X)	1.3
Capital goods.....	244,657	248,587	248,145	-1.6	0.2	0.5	244,124	248,219	245,387	237,194	(X)	(X)	2.9
Nondefense capital goods ³	220,846	224,752	224,288	-1.7	0.2	0.2	220,272	224,505	221,680	214,340	(X)	(X)	2.8
Excluding aircraft.....	161,342	160,766	160,361	0.4	0.3	0.3	161,259	161,263	159,097	149,869	(X)	(X)	7.6
Defense capital goods ⁴	23,811	23,835	23,857	-0.1	-0.1	2.8	23,852	23,714	23,707	22,854	(X)	(X)	4.4
Consumer goods.....	257,819	259,687	260,582	-0.7	-0.3	0.4	256,269	258,564	258,779	253,138	(X)	(X)	1.2
Consumer durable goods.....	42,642	43,092	42,763	-1.0	0.8	-0.6	41,944	43,355	42,445	41,330	(X)	(X)	1.5
Consumer nondurable goods.....	215,177	216,595	217,819	-0.7	-0.6	0.6	214,325	215,209	216,334	211,808	(X)	(X)	1.2

X Not Applicable

¹ Estimates of shipments and new orders are for the duration of the period, while estimates of unfilled orders and total inventories are for the end of the period. Not seasonally adjusted estimates of shipments and new orders include adjusted data for non-calendar reporters. Seasonally adjusted estimates include concurrent adjustments for holiday and trading-day differences, where appropriate, as well as seasonal variation, based on the results of the latest annual review of the model parameters. Estimates are not adjusted for price changes.

² Topical series are regroupings of the separate industry categories.

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.

⁵ Estimates and percent changes exclude semiconductor industry data.

⁶ Based on year-to-date for shipments and new orders, but on same month prior year for unfilled orders and inventories.

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. For further details on survey design, methodology, and data limitations see <<https://www.census.gov/manufacturing/m3/>>.

Source: U.S. Census Bureau, Manufacturers' Shipments, Inventories, and Orders (M3) Survey, Benchmark Report, May 12, 2023. Information on data sources and methodology can be found on our website at <www.census.gov/manufacturing/m3/how_the_data_are_collected/index.html>.

The Census Bureau has reviewed this data product to ensure appropriate access, use, and disclosure avoidance protection of the confidential source data (Project No. P-6000307, Disclosure Review Board (DRB) approval number: CBDRB-FY23-0294).