

Table 3. Value of Manufacturers' Unfilled Orders for Industry Groups¹
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				
	Monthly			Percent Change			Monthly				Percent Change Mar. 2023/ 2022
	Mar. 2023	Feb. 2023	Jan. 2023	Feb. - Mar.	Jan. - Feb.	Dec. - Jan.	Mar. 2023	Feb. 2023	Jan. 2023	Mar. 2022	
All manufacturing industries ²	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	4.7
Excluding transportation ²	498,578	498,532	498,921	0.0	-0.1	-0.2	502,858	499,993	497,096	499,940	0.6
Excluding defense ²	1,044,719	1,041,089	1,042,800	0.3	-0.2	0.3	1,051,818	1,045,455	1,042,766	1,004,489	4.7
Durable goods industries ²	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	4.7
Primary metals.....	37,733	37,789	37,868	-0.1	-0.2	-0.9	38,876	38,744	38,013	40,791	-4.7
Iron and steel mills.....	22,525	22,532	22,516	0.0	0.1	-1.2	23,166	22,963	22,439	23,713	-2.3
Aluminum and nonferrous metals.....	10,667	10,711	10,803	-0.4	-0.9	0.0	11,086	11,118	10,969	12,595	-12.0
Ferrous metal foundries.....	4,541	4,546	4,549	-0.1	-0.1	-1.5	4,624	4,663	4,605	4,483	3.1
Fabricated metal products.....	129,055	129,226	129,499	-0.1	-0.2	-0.3	129,570	127,956	127,268	131,158	-1.2
Machinery.....	140,233	140,460	140,669	-0.2	-0.1	-0.1	141,434	141,916	141,083	137,435	2.9
Construction machinery.....	10,710	10,766	11,208	-0.5	-3.9	-3.4	11,298	11,384	11,612	12,622	-10.5
Mining, oil field, and gas field machinery.....	5,293	5,355	5,326	-1.2	0.5	0.3	5,293	5,355	5,326	5,023	5.4
Industrial machinery.....	12,551	12,649	12,597	-0.8	0.4	2.9	12,626	12,758	12,791	10,865	16.2
Photographic equipment.....	4,067	3,996	3,887	1.8	2.8	0.5	4,097	4,093	3,856	3,585	14.3
Ventilation, heating, air-conditioning, and refrigeration equipment.....	13,676	13,445	13,466	1.7	-0.2	0.3	13,947	13,530	13,434	11,085	25.8
Metalworking machinery.....	9,978	10,046	10,011	-0.7	0.3	-0.2	9,991	10,228	9,912	10,520	-5.0
Turbines, generators, and other power transmission equipment.....	31,843	31,979	31,951	-0.4	0.1	-0.6	31,843	31,979	31,951	32,439	-1.8
Material handling equipment.....	19,344	19,342	19,293	0.0	0.3	0.7	19,514	19,636	19,535	18,004	8.4
Computers and electronic products ²	134,674	134,161	134,215	0.4	0.0	-0.1	135,700	134,250	134,374	134,529	0.9
Computers.....	1,314	1,298	1,304	1.2	-0.5	1.6	1,314	1,298	1,304	1,312	0.2
Nondefense communications equipment.....	17,330	17,364	17,418	-0.2	-0.3	0.1	17,556	17,531	17,520	17,893	-1.9
Defense communications equipment.....	226	234	238	-3.4	-1.7	-2.9	241	249	249	279	-13.6
Electronic components.....	17,057	17,128	17,247	-0.4	-0.7	-1.0	17,140	17,356	17,496	17,964	-4.6
Nondefense search and navigation equipment.....	30,815	30,669	30,581	0.5	0.3	0.1	30,816	30,601	30,518	29,371	4.9
Defense search and navigation equipment.....	35,879	35,441	35,440	1.2	0.0	-0.1	36,297	35,192	35,278	36,017	0.8
Electromedical, measuring, and control instruments.....	32,053	32,027	31,987	0.1	0.1	0.1	32,336	32,023	32,009	31,693	2.0
Electrical equipment, appliances, and components.....	43,403	43,329	43,110	0.2	0.5	-0.3	43,749	43,671	43,137	41,578	5.2
Electric lighting equipment.....	3,753	3,700	3,673	1.4	0.7	-0.9	3,806	3,718	3,677	3,350	13.6
Household appliances.....	4,764	4,687	4,501	1.6	4.1	0.0	4,748	4,589	4,610	4,503	5.4
Electrical equipment.....	22,235	22,324	22,306	-0.4	0.1	-0.3	22,438	22,641	22,376	21,645	3.7
Transportation equipment.....	781,101	776,990	778,067	0.5	-0.1	0.8	787,909	780,608	781,050	732,323	7.6
Motor vehicle bodies, parts, and trailers.....	35,051	34,996	34,662	0.2	1.0	0.1	36,323	36,551	35,486	37,406	-2.9
Nondefense aircraft and parts.....	534,173	530,145	531,790	0.8	-0.3	0.8	536,135	531,199	532,539	489,867	9.4
Defense aircraft and parts.....	67,746	66,870	66,953	1.3	-0.1	0.6	69,085	67,580	68,208	64,196	7.6
Ships and boats.....	54,911	56,018	56,396	-2.0	-0.7	1.0	57,212	57,013	56,195	54,209	5.5
Furniture and related products.....	11,354	11,405	11,346	-0.4	0.5	0.2	11,403	11,294	11,007	12,203	-6.6

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 Data on unfilled orders are not available for the semiconductor industry. Estimates and percent changes for unfilled orders exclude semiconductor industry data.

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).