

Table 2. Value of Manufacturers' New 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				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	Percent change 2023/2022
All manufacturing industries ²	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
Excluding transportation ²	480,824	485,546	487,600	-1.0	-0.4	0.9	508,467	450,774	462,194	517,251	1,421,435	1,397,781	1.7
Excluding defense ²	558,249	555,847	564,163	0.4	-1.5	-0.2	597,936	518,089	529,198	596,400	1,645,223	1,614,754	1.9
With unfilled orders.....	198,491	190,665	197,315	4.1	-3.4	-1.9	223,287	182,385	182,836	213,110	588,508	582,105	1.1
Durable goods industries ²	278,517	270,825	278,372	2.8	-2.7	-1.3	312,044	256,827	254,810	298,698	823,681	803,989	2.4
Primary metals.....	26,920	26,708	26,548	0.8	0.6	0.7	29,373	26,530	26,580	30,244	82,483	83,546	-1.3
Iron and steel mills.....	15,095	14,863	14,452	1.6	2.8	-1.9	16,481	14,652	14,423	15,915	45,556	44,659	2.0
Aluminum and nonferrous metals.....	10,115	10,113	10,458	0.0	-3.3	4.4	11,024	10,176	10,539	12,474	31,739	33,983	-6.6
Ferrous metal foundries.....	1,710	1,732	1,638	-1.3	5.7	1.9	1,868	1,702	1,618	1,855	5,188	4,904	5.8
Fabricated metal products.....	35,209	35,056	34,958	0.4	0.3	-0.8	39,004	33,820	33,915	39,548	106,739	108,453	-1.6
Machinery.....	36,863	37,201	37,254	-0.9	-0.1	0.2	40,698	36,279	36,487	40,634	113,464	111,750	1.5
Construction machinery.....	4,169	3,665	3,860	13.8	-5.1	0.0	4,688	3,740	4,041	4,003	12,469	11,281	10.5
Mining, oil field, and gas field machinery.....	1,573	1,933	1,605	-18.6	20.4	0.8	1,683	1,803	1,516	1,425	5,002	3,881	28.9
Industrial machinery.....	3,604	3,886	4,192	-7.3	-7.3	13.9	3,981	3,228	4,372	4,383	11,581	11,610	-0.2
Photographic equipment.....	694	720	640	-3.6	12.5	2.6	734	787	536	655	2,057	1,773	16.0
Ventilation, heating, air-conditioning, and refrigeration equipment.....	4,907	4,713	4,829	4.1	-2.4	-1.7	5,543	4,135	4,390	4,892	14,068	13,246	6.2
Metalworking machinery.....	2,649	2,896	2,758	-8.5	5.0	3.2	2,730	2,967	2,665	3,044	8,362	8,509	-1.7
Turbines, generators, and other power transmission equipment.....	3,915	3,865	3,563	1.3	8.5	-7.0	3,995	3,886	3,390	3,601	11,271	10,675	5.6
Material handling equipment.....	3,797	3,809	3,980	-0.3	-4.3	2.6	4,243	3,767	3,907	4,434	11,917	11,795	1.0
Computers and electronic products ²	24,509	23,976	23,850	2.2	0.5	-0.2	27,768	21,339	20,820	26,791	69,927	68,319	2.4
Computers.....	815	799	819	2.0	-2.4	8.5	776	630	718	694	2,124	1,913	11.0
Nondefense communications equipment.....	2,885	2,897	2,942	-0.4	-1.5	1.6	3,451	2,415	2,298	3,461	8,164	8,232	-0.8
Defense communications equipment.....	195	201	201	-3.0	0.0	3.1	201	202	172	202	575	549	4.7
Electronic components.....	4,695	4,742	4,589	-1.0	3.3	-0.6	4,897	4,352	4,358	5,060	13,607	13,838	-1.7
Nondefense search and navigation equipment.....	1,761	1,709	1,647	3.0	3.8	-14.0	2,040	1,612	1,575	2,020	5,227	5,298	-1.3
Defense search and navigation equipment.....	3,626	3,208	3,157	13.0	1.6	2.9	4,521	2,968	2,431	3,938	9,920	8,955	10.8
Electromedical, measuring, and control instruments.....	8,837	8,776	8,729	0.7	0.5	-1.1	10,055	7,815	7,677	9,801	25,547	25,334	0.8
Electrical equipment, appliances, and components.....	14,200	14,165	13,975	0.2	1.4	2.9	15,565	13,299	13,081	14,673	41,945	38,849	8.0
Electric lighting equipment.....	1,336	1,296	1,223	3.1	6.0	-10.1	1,438	1,192	1,115	1,316	3,745	3,526	6.2
Household appliances.....	2,423	2,547	2,439	-4.9	4.4	-2.7	2,780	2,060	2,010	2,696	6,850	6,436	6.4
Electrical equipment.....	4,503	4,523	4,574	-0.4	-1.1	13.3	5,064	4,443	4,669	4,694	14,176	13,129	8.0
Transportation equipment.....	92,985	85,719	93,449	8.5	-8.3	-4.2	109,991	81,649	80,415	97,402	272,055	258,097	5.4
Motor vehicle bodies, parts, and trailers.....	29,104	29,362	28,888	-0.9	1.6	1.4	32,030	29,754	27,920	30,654	89,704	84,421	6.3
Nondefense aircraft and parts.....	16,598	8,560	14,770	93.9	-42.0	-27.8	20,211	6,942	10,186	14,202	37,339	47,084	-20.7
Defense aircraft and parts.....	5,528	4,598	5,281	20.2	-12.9	12.7	6,681	3,638	4,888	4,961	15,207	11,224	35.5
Ships and boats.....	2,725	3,474	4,441	-21.6	-21.8	-0.6	4,402	4,739	4,201	5,092	13,342	11,608	14.9
Furniture and related products.....	6,854	6,955	7,013	-1.5	-0.8	1.4	7,125	6,877	6,727	6,999	20,729	19,845	4.5
Nondurable goods industries.....	295,292	300,440	302,677	-1.7	-0.7	1.2	306,414	275,596	287,799	315,955	869,809	851,889	2.1

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 new orders are not available for the semiconductor industry. Estimates and percent changes for new 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).