



A statistical program by AMT

U.S. MANUFACTURING TECHNOLOGY ORDERS

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Press Release

FOR IMMEDIATE RELEASE

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April 2023 Orders Total \$336.7 Million, Lowest Order Value Since January 2021, Following Two Record Years

McLean, Va. (June 12, 2023) — New orders of manufacturing technology totaled \$336.7 million in April 2023, according to the latest U.S. Manufacturing Technology Orders Report published by AMT – The Association For Manufacturing Technology. April orders declined 38.7% from March 2023 orders and declined 34.4% from April 2022 orders. Year-to-date orders totaled \$1.72 billion in 2023, 13.6% below the same period in 2022.

“March has traditionally been one of the better months for manufacturing technology orders, so April is typically a ‘down month’; however, this April was disproportionately off,” said Douglas K. Woods, president of AMT. “March 2023 was only 2% down from March in the previous year, yet the decline between March and April in 2023 was over five times larger than the decline in 2022. The momentum of order activity is clearly not as strong through the second quarter as it was last year.”

Job shops, the largest customer segment, decreased their orders by just under 39%, declining slightly more than the overall market from March to April. This is the largest monthly decline in orders from job shops since January 2017. In addition to job shops, the automotive sector significantly reduced their orders in April 2023 after an exceptional uptick in March. It should be noted that a good portion of the work contract machine shops do is on behalf of the automotive sector, so their parallel decline in orders is not unexpected.

“Consistently high interest rates, ongoing inflation, and the looming threat of a recession have caused businesses to rethink their capital investment strategies,” said Woods. “Job shops, which are the largest consumers of manufacturing technology, are mostly small and medium-sized businesses who are particularly affected by price and interest rate pressures.

“In addition to USTMO, several other industry metrics compiled by AMT are showing a slowdown in activity relative to March. Regardless of what the Federal Reserve does with interest rates later this week, their outlook on economic activity, coupled with the May USMTO numbers available shortly after, should give a good indication of how hot or cool the summer will be for the manufacturing technology industry.”

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The United States Manufacturing Technology Orders (USMTO) Report is based on the totals of actual data reported by companies participating in the USMTO program. This report, compiled by AMT – The Association For Manufacturing Technology, provides regional and national U.S. orders data of domestic and imported machine tools and related equipment. Analysis of manufacturing technology orders provides a reliable leading economic indicator as manufacturing industries invest in capital metalworking equipment to increase capacity and improve productivity.

AMT – The Association For Manufacturing Technology represents U.S.-based providers of manufacturing technology – the advanced machinery, devices, and digital equipment that U.S. manufacturing relies on to be productive, innovative, and competitive. Located in McLean, Virginia, near the nation's capital, AMT acts as the industry's voice to speed the pace of innovation, increase global competitiveness, and develop manufacturing's advanced workforce of tomorrow. With extensive expertise in industry data and intelligence, as well as a full complement of international business operations, AMT offers its members an unparalleled level of support. AMT also produces IMTS – The International Manufacturing Technology Show, the premier manufacturing technology event in North America. www.AMTonline.org

IMTS – International Manufacturing Technology Show – The largest and longest running manufacturing technology trade show in the United States is held every other year at McCormick Place in Chicago, Ill. IMTS 2024 will run Sept. 9-14. IMTS is ranked among the largest trade shows in the world. IMTS is recognized as one of the world's preeminent stages for introducing and selling manufacturing equipment and technology as well as connecting the industry's supply chain. IMTS attracts visitors from every level of industry and more than 117 countries. IMTS 2022 had 86,307 registrants, 1,212,806 net square feet of exhibit space, 1,602 booths, and 1,816 exhibiting companies. IMTS is owned and produced by AMT – The Association For Manufacturing Technology.

(USMTO data is also available at www.AMTonline.org.)

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	Apr 2023(P)	Previous Month	% Change	Year Ago Month	% Change	YTD 23 (P)	YTD 22 (R)	% Change YTD
National								
Metal Cutting	329.58	543.02	-39.3%	504.94	-34.7%	1,686.41	1,945.87	-13.3%
Metal Forming & Fabricating	7.11	6.62	7.5%	8.02	-11.3%	28.10	38.21	-26.5%
Total	336.69	549.64	-38.7%	512.96	-34.4%	1,714.51	1,984.09	-13.6%
Regional								
Northeast								
Metal Cutting	49.33	99.25	-50.3%	84.28	-41.5%	274.39	298.87	-8.2%
Metal Forming & Fabricating	D	1.47	D	D	233.0%	D	D	45.3%
Total	D	100.72	D	D	-39.0%	D	D	-7.5%
Southeast								
Metal Cutting	38.54	71.85	-46.4%	49.22	-21.7%	179.12	264.93	-32.4%
Metal Forming & Fabricating	D	D	-99.8%	D	-98.7%	D	D	-54.4%
Total	D	D	-47.8%	D	-22.2%	D	D	-33.3%
North Central-East								
Metal Cutting	77.87	144.01	-45.9%	122.00	-36.2%	483.78	457.48	5.7%
Metal Forming & Fabricating	2.42	D	D	D	D	5.78	D	D
Total	80.30	D	D	D	D	489.56	D	D
North Central-West								
Metal Cutting	69.67	109.35	-36.3%	106.45	-34.5%	354.01	377.27	-6.2%
Metal Forming & Fabricating	D	D	-18.6%	D	-46.6%	D	D	-3.7%
Total	D	D	-36.0%	D	-34.9%	D	D	-6.1%
South Central								
Metal Cutting	41.90	43.26	-3.1%	46.30	-9.5%	172.56	172.95	-0.2%
Metal Forming & Fabricating	D	0.88	D	D	-29.6%	D	D	-40.4%
Total	D	44.14	D	D	-9.7%	D	D	-1.0%
West								
Metal Cutting	52.25	75.30	-30.6%	96.69	-46.0%	222.55	374.37	-40.6%
Metal Forming & Fabricating	D	D	D	D	-78.2%	D	D	-38.4%
Total	D	D	-30.2%	D	-46.5%	D	D	-40.5%



■ Northeast
■ Southeast
■ North Central - East
■ North Central - West
■ South Central
■ West

\$ = millions of dollars
 P – preliminary
 R – revised
 * – percent change greater than 1,000%
 Totals may not match due to rounding

Note on fields marked D: Dollar values are not disclosed (as well as percent changes which would reveal a dollar value not disclosed), in accordance with established confidentiality rules, when necessary to protect the confidentiality of individual participant data.

Net New Orders for U.S. Consumption

Apr-23

Total National Orders (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2022 APR	2,281	\$512,958	2,252	\$504,940	29	\$8,018
2022 MAY	2,079	\$439,331	2,044	\$434,089	35	\$5,243
2022 JUN	1,966	\$418,533	1,930	\$408,497	36	\$10,036
2022 JUL	1,751	\$395,663	1,736	\$385,559	15	\$10,104
2022 AUG	2,227	\$460,449	2,198	\$455,898	29	\$4,551
2022 SEP	2,409	\$516,665	2,375	\$503,329	34	\$13,336
2022 OCT	2,250	\$458,155	2,226	\$450,455	24	\$7,700
2022 NOV	1,969	\$441,083	1,945	\$429,866	24	\$11,217
2022 DEC	2,089	\$436,103	2,045	\$421,169	44	\$14,934
2023 JAN	1,674	\$350,603	1,638	\$342,674	36	\$7,929
2023 FEB	1,636	\$477,577	1,610	\$471,138	26	\$6,439
2023 MAR	2,300	\$549,639	2,268	\$543,018	32	\$6,620
2023 APR	1,477	\$336,691	1,453	\$329,577	24	\$7,114
Average	2,008	\$445,650	1,978	\$436,939	30	\$8,711

Regional
Northeast Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2022 APR	378	D	376	\$84,284	2	D
2022 MAY	346	\$75,883	337	\$73,973	9	\$1,911
2022 JUN	358	\$61,952	349	\$59,870	9	\$2,082
2022 JUL	325 D		321	\$67,270	4 D	
2022 AUG	378 D		374	\$72,173	4 D	
2022 SEP	431	D	426	\$80,447	5	D
2022 OCT	369	D	365	\$72,214	4	D
2022 NOV	335	D	333	\$81,139	2	D
2022 DEC	429	\$96,117	419	\$91,326	10	\$4,791
2023 JAN	318	D	317	\$63,637	1	D
2023 FEB	271	D	267	\$62,165	4	D
2023 MAR	427	\$100,718	420	\$99,252	7	\$1,466
2023 APR	269	D	263	\$49,332	6	D
Average	356	\$75,228	351	\$73,622	5	\$1,606

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Net New Orders for U.S. Consumption

Apr-23

Southeast Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2022 APR	268	D	266	\$49,216	2	D
2022 MAY	215	D	211	\$47,032	4	D
2022 JUN	280	D	275	\$55,004	5	D
2022 JUL	263	D	261	\$54,054	2	D
2022 AUG	251	D	249	\$55,479	2	D
2022 SEP	338	\$71,610	332	\$70,175	6	\$1,435
2022 OCT	418	D	416	\$55,946	2	D
2022 NOV	267	D	265	\$51,708	2	D
2022 DEC	299	D	296	\$63,831	3	D
2023 JAN	206	\$35,358	201	\$32,994	5	\$2,363
2023 FEB	201	D	197	\$35,727	4	D
2023 MAR	330	D	320	\$71,854	10	D
2023 APR	182	D	181	\$38,543	1	D
Average	271	\$53,369	267	\$52,428	4	\$941

North Central-East Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2022 APR	523	D	515	\$122,005	8	D
2022 MAY	495	\$125,517	485	\$124,584	10	\$933
2022 JUN	366	D	360	\$101,230	6	D
2022 JUL	398	D	394	\$104,019	4	D
2022 AUG	542	\$111,291	535	\$110,941	7	\$351
2022 SEP	520	D	516	\$118,494	4	D
2022 OCT	485	\$105,312	480	\$104,429	5	\$883
2022 NOV	432	D	428	\$124,854	4	D
2022 DEC	383	\$82,607	374	\$79,824	9	\$2,782
2023 JAN	349	\$81,094	342	\$79,488	7	\$1,606
2023 FEB	398	D	393	\$182,409	5	D
2023 MAR	534	D	532	\$144,006	2	D
2023 APR	288	\$80,299	282	\$77,875	6	\$2,424
Average	439	\$114,854	434	\$113,397	6	\$1,457

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Net New Orders for U.S. Consumption

Apr-23

North Central-West Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2022 APR	479	D	472	\$106,448	7	D
2022 MAY	392	\$80,646	386	\$79,884	6	\$762
2022 JUN	363	D	358	\$71,706	5	D
2022 JUL	260	D	258	\$54,969	2	D
2022 AUG	394	\$87,946	382	\$86,099	12	\$1,847
2022 SEP	475	D	468	\$103,976	7	D
2022 OCT	348	D	343	\$81,729	5	D
2022 NOV	346	\$70,985	341	\$66,254	5	\$4,731
2022 DEC	422	\$79,043	412	\$77,141	10	\$1,902
2023 JAN	345	\$80,730	335	\$77,780	10	\$2,950
2023 FEB	303	D	296	\$97,215	7	D
2023 MAR	436	D	430	\$109,349	6	D
2023 APR	315	D	307	\$69,671	8	D
Average	375	\$85,058	368	\$83,248	7	\$1,810

South Central Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2022 APR	222	D	219	\$46,298	3	D
2022 MAY	202	D	197	\$29,793	5	D
2022 JUN	188	D	182	\$38,271	6	D
2022 JUL	179	D	178	\$36,551	1	D
2022 AUG	217	D	215	\$44,246	2	D
2022 SEP	222	D	218	\$38,854	4	D
2022 OCT	198	D	193	\$39,859	5	D
2022 NOV	206	\$40,621	199	\$36,234	7	\$4,387
2022 DEC	210	D	206	\$35,199	4	D
2023 JAN	183	D	178	\$42,176	5	D
2023 FEB	199	D	196	\$45,223	3	D
2023 MAR	198	\$44,138	191	\$43,260	7	\$879
2023 APR	189	D	187	\$41,904	2	D
Average	201	\$41,086	197	\$39,836	4	\$1,250

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Net New Orders for U.S. Consumption

Apr-23

West (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2022 APR	411	D	404	\$96,689	7	D
2022 MAY	429	D	428	\$78,824	1	D
2022 JUN	411	D	406	\$82,417	5	D
2022 JUL	326	D	324	\$68,696	2	D
2022 AUG	445	D	443	\$86,960	2	D
2022 SEP	423	D	415	\$91,384	8	D
2022 OCT	432	D	429	\$96,276	3	D
2022 NOV	383	D	379	\$69,677	4	D
2022 DEC	346	\$75,755	338	\$73,847	8	\$1,909
2023 JAN	273	D	265	\$46,599	8	D
2023 FEB	264	D	261	\$48,399	3	D
2023 MAR	375	D	375	\$75,297	0	D
2023 APR	234	D	233	\$52,252	1	D
Average	366	\$76,056	362	\$74,409	4	\$1,647

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USMTO

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U.S. MANUFACTURING TECHNOLOGY ORDERS

Total U.S. Manufacturing Technology Orders Through April 2023

