



A statistical program by AMT

U.S. MANUFACTURING TECHNOLOGY ORDERS

AMT CONTACT

KRISTIN BARTSCHI

DIRECTOR, MARKETING & COMMUNICATIONS

703-827-5267 | kbartschi@AMTonline.org

## Press Release

FOR IMMEDIATE RELEASE

August 12, 2024

# Manufacturing Technology Orders Grow 4.3% in June 2024 as Year-Over-Year Order Gap Narrows

McLean, Va. (August 12, 2024) — Orders of manufacturing technology, measured by the U.S. Manufacturing Technology Orders (USMTO) report published by AMT – The Association For Manufacturing Technology, totaled \$402.3 million in June 2024. New orders of metalworking machinery were up 4.3% from May 2024 but down 1.6% from June 2023. Year-to-date orders reached \$2.2 billion, down 10.7% compared to the first half of 2023.

While the value of orders maintained momentum in June 2024, with the average value increasing significantly, the number of units ordered for the month dropped to 1,471 units, the lowest since July 2023. This divergence indicates manufacturers are generally investing in more automated, task-specific solutions. This trend is further confirmed, as inflation among machine tools, measured by the [producer price index](#), has stayed relatively flat for the last several months.

- June 2024 orders from **contract machine shops** dropped over 10% from May 2024 in both the number of units ordered and the total order value. Through the first half of the year, the value of these orders was the lowest since the first half of 2020, but the number of units ordered fell further, reaching its lowest level since the first half of 2010.
- **Primary metal manufacturers** have also pulled back machinery orders in 2024, dropping to the lowest levels in both unit count and value since the first half of 2010. Demand for machinery in this sector has been waning, as the [World Steel Association](#) reports that global steel production in the first half of 2024 was flat compared to the first half of 2023.
- One notable exception to this recent trend is the **aerospace sector**, which has increased orders in the first half of 2024 to the highest number of units since the first half of 2018, yet the value of orders remains about 2% below orders placed in the first half of 2022. With [capacity utilization in the aerospace](#) sector reaching post-COVID peaks, this confirms that these manufacturers are in need of additional machinery to meet growing demand.

Orders of manufacturing technology are down nearly 11% in the first half of 2024 compared to 2023, but that difference has narrowed in the past several months after the beginning of the year failed to meet the optimistic expectations formed from anticipated interest rate cuts and strengthened consumer and business sentiment. Despite the lingering uncertainty around the Federal Reserve's interest rate policy, the pending election, and escalating geopolitical tensions, the remainder of 2024 seems ready for a rebound in demand for manufacturing technology – perhaps even more so with the opening of [IMTS 2024 – The International Manufacturing Technology Show](#) in September at Chicago's McCormick Place.



# # #

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. [USMTO.com](https://www.usmto.com).

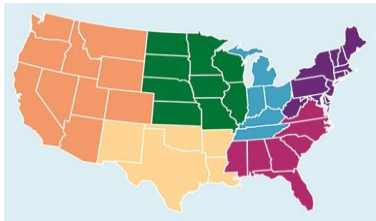
AMT – The Association For Manufacturing Technology represents U.S.-based providers of manufacturing technology – the advanced machinery, devices, and digital equipment that U.S. manufacturing relies on to be productive, innovative, and competitive. Located in McLean, Virginia, near the nation's capital, 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. [AMTonline.org](https://www.amtonline.org).

IMTS – The International Manufacturing Technology Show is where the creators, builders, sellers, and drivers of manufacturing technology come to connect and be inspired. Attendees discover advanced manufacturing solutions that include innovations in CNC machining, automation, robotics, additive, software, inspection, and transformative digital technologies that drive our future forward. Powered by AMT – The Association For Manufacturing Technology, IMTS is the largest manufacturing technology show and marketplace in the Western Hemisphere. With more than 1.2 million square feet of exhibit space, the show attracts visitors from more than 110 countries. IMTS 2022 had 86,307 registrants, featured 1,816 exhibiting companies, saw over 7,600 people attend educational events, and included a Student Summit that introduced the next generation to manufacturing. Be the change at IMTS 2024, Sept. 9-14, 2024. Inspiring the Extraordinary. [IMTS.com](https://www.imts.com).

(USMTO data is also available at [www.AMTonline.org](https://www.amtonline.org).)

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	JUN 2024(P)	Previous Month	% Change	Year Ago Month	% Change	YTD 24 (P)	YTD 23 (R)	% Change YTD
<b>National</b>								
Metal Cutting	393.83	380.37	3.5%	399.34	-1.4%	2,175.33	2,438.35	-10.8%
Metal Forming & Fabricating	8.48	5.37	58.1%	9.33	-9.1%	39.73	41.03	-3.2%
<b>Total</b>	<b>402.32</b>	<b>385.73</b>	<b>4.3%</b>	<b>408.67</b>	<b>-1.6%</b>	<b>2,215.06</b>	<b>2,479.38</b>	<b>-10.7%</b>
<b>Regional</b>								
<b>Northeast</b>								
Metal Cutting	71.53	77.08	-7.2%	80.24	-10.8%	359.53	419.75	-14.3%
Metal Forming & Fabricating	D	D	86.2%	D	920.6%	D	D	-34.0%
<b>Total</b>	<b>D</b>	<b>D</b>	<b>-6.3%</b>	<b>D</b>	<b>-9.2%</b>	<b>D</b>	<b>D</b>	<b>-14.6%</b>
<b>Southeast</b>								
Metal Cutting	56.56	38.19	48.1%	41.96	34.8%	306.92	273.29	12.3%
Metal Forming & Fabricating	D	D	-59.9%	D	-81.9%	D	D	-59.5%
<b>Total</b>	<b>D</b>	<b>D</b>	<b>45.6%</b>	<b>D</b>	<b>29.5%</b>	<b>D</b>	<b>D</b>	<b>10.3%</b>
<b>North Central-East</b>								
Metal Cutting	82.36	91.31	-9.8%	115.72	-28.8%	514.38	670.62	-23.3%
Metal Forming & Fabricating	D	1.05	D	3.72	D	D	D	-32.5%
<b>Total</b>	<b>D</b>	<b>92.35</b>	<b>D</b>	<b>119.43</b>	<b>D</b>	<b>D</b>	<b>D</b>	<b>-23.4%</b>
<b>North Central-West</b>								
Metal Cutting	81.04	72.11	12.4%	58.94	37.5%	413.69	472.67	-12.5%
Metal Forming & Fabricating	D	2.22	D	2.40	-100.0%	D	D	92.9%
<b>Total</b>	<b>D</b>	<b>74.33</b>	<b>D</b>	<b>61.34</b>	<b>D</b>	<b>D</b>	<b>D</b>	<b>-10.5%</b>
<b>South Central</b>								
Metal Cutting	30.56	29.97	2.0%	33.86	-9.7%	191.51	246.79	-22.4%
Metal Forming & Fabricating	D	D	289.9%	D	38.1%	D	D	-30.4%
<b>Total</b>	<b>D</b>	<b>D</b>	<b>4.3%</b>	<b>D</b>	<b>-8.8%</b>	<b>D</b>	<b>D</b>	<b>-22.5%</b>
<b>West</b>								
Metal Cutting	71.78	71.72	0.1%	68.63	4.6%	389.31	355.23	9.6%
Metal Forming & Fabricating	D	D	*	D	*	D	D	24.0%
<b>Total</b>	<b>D</b>	<b>D</b>	<b>7.1%</b>	<b>D</b>	<b>11.6%</b>	<b>D</b>	<b>D</b>	<b>9.8%</b>



- 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*

Jun-24

**Total National Orders (Thousands of Dollars)**

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2023 JUN	1,658	\$408,674	1,627	\$399,341	31	\$9,333
2023 JUL	1,469	\$348,816	1,441	\$338,341	28	\$10,475
2023 AUG	1,860	\$410,766	1,841	\$402,043	19	\$8,722
2023 SEP	1,662	\$393,168	1,629	\$379,041	33	\$14,126
2023 OCT	1,765	\$407,397	1,743	\$402,218	22	\$5,179
2023 NOV	1,800	\$400,618	1,780	\$395,434	20	\$5,184
2023 DEC	2,005	\$487,548	1,985	\$468,814	20	\$18,735
2024 JAN	1,566	\$337,608	1,551	\$333,946	15	\$3,663
2024 FEB	1,488	\$344,986	1,475	\$341,884	13	\$3,102
2024 MAR	1,834	\$426,901	1,813	\$422,095	21	\$4,806
2024 APR	1,578	\$317,523	1,566	\$303,212	12	\$14,311
2024 MAY	1,587	\$385,731	1,566	\$380,365	21	\$5,365
2024 JUN	1,483	\$402,315	1,471	\$393,832	12	\$8,483
Average	1,673	\$390,158	1,653	\$381,582	21	\$8,576

**Regional**

**Northeast Region (Thousands of Dollars)**

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2023 JUN	329	D	327	\$80,235	2	D
2023 JUL	274	D	266	\$66,180	8	D
2023 AUG	326	D	325	\$80,170	1	D
2023 SEP	285	D	285	\$72,009	0	#DIV/0!
2023 OCT	309	D	305	\$68,878	4	D
2023 NOV	390	D	386	\$78,317	4	D
2023 DEC	403	D	402	\$90,399	1	D
2024 JAN	238	D	238	\$45,269	0	#DIV/0!
2024 FEB	253	D	253	\$42,035	0	#DIV/0!
2024 MAR	344	D	341	\$78,972	3	D
2024 APR	261	D	260	\$44,638	1	D
2024 MAY	300	D	299	\$77,078	1	D
2024 JUN	246	D	244	\$71,533	2	D
Average	304	\$69,767	302	\$68,901	2	\$866

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*Net New Orders for U.S. Consumption*

Jun-24

Southeast Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2023 JUN	203	D	196	\$41,962	7	D
2023 JUL	198	D	197	\$46,377	1	D
2023 AUG	371	D	369	\$58,026	2	D
2023 SEP	249	D	227	\$43,906	22	D
2023 OCT	256	\$62,145	257	\$63,063	-1	D
2023 NOV	240	D	239	\$73,002	1	D
2023 DEC	299	D	299	\$67,808	0	D
2024 JAN	232	D	230	\$48,294	2	D
2024 FEB	190	D	189	\$51,666	1	D
2024 MAR	260	D	256	\$68,236	4	D
2024 APR	240	D	240	\$43,979	0	D
2024 MAY	223	D	219	\$38,187	4	D
2024 JUN	213	D	211	\$56,561	2	D
Average	244	\$55,173	241	\$53,928	3	\$1,244

North Central-East Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2023 JUN	397	\$119,434	390	\$115,717	7	\$3,718
2023 JUL	335	\$83,120	323	\$80,277	12	\$2,843
2023 AUG	371	D	367	\$97,639	4	D
2023 SEP	379	\$104,691	372	\$103,025	7	\$1,667
2023 OCT	414	\$102,439	406	\$100,536	8	\$1,904
2023 NOV	383	\$86,681	376	\$85,190	7	\$1,491
2023 DEC	409	D	401	\$99,414	8	D
2024 JAN	368	D	363	\$94,913	5	D
2024 FEB	317	D	311	\$90,150	6	D
2024 MAR	400	D	394	\$93,826	6	D
2024 APR	374	D	371	\$61,820	3	D
2024 MAY	345	\$92,354	340	\$91,308	5	\$1,046
2024 JUN	371	D	370	\$82,360	1	D
Average	374	\$94,875	368	\$92,013	6	\$2,862

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*Net New Orders for U.S. Consumption*

Jun-24

North Central-West Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2023 JUN	260	\$61,337	251	\$58,938	9	\$2,399
2023 JUL	260 D		255	\$71,390	5 D	
2023 AUG	318 D		310	\$62,084	8 D	
2023 SEP	295	D	294	\$74,025	1	D
2023 OCT	268	D	261	\$52,580	7	D
2023 NOV	290 D		284	\$56,910	6 D	
2023 DEC	337	\$89,091	330	\$87,163	7	\$1,929
2024 JAN	274	\$62,892	267	\$61,382	7	\$1,510
2024 FEB	246 D		245	\$57,758	1 D	
2024 MAR	359	D	354	\$80,803	5	D
2024 APR	255	D	251	\$60,603	4	D
2024 MAY	278	\$74,327	271	\$72,105	7	\$2,222
2024 JUN	249	D	249	\$81,039	0	D
Average	284	\$69,761	279	\$67,445	5	\$2,316

South Central Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2023 JUN	195	D	191	\$33,860	4	D
2023 JUL	152	D	151	\$28,809	1	D
2023 AUG	179	D	177	\$40,731	2	D
2023 SEP	173	D	170	\$39,710	3	D
2023 OCT	188	D	184	\$45,844	4	D
2023 NOV	163	D	163	\$34,774	0	D
2023 DEC	195	D	191	\$35,560	4	D
2024 JAN	187	D	187	\$32,299	0	D
2024 FEB	209	D	204	\$39,121	5	D
2024 MAR	187	D	184	\$35,480	3	D
2024 APR	119	D	115	\$24,078	4	D
2024 MAY	137	D	135	\$29,970	2	D
2024 JUN	131	D	129	\$30,561	2	D
Average	170	\$35,329	168	\$34,677	3	\$652

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*Net New Orders for U.S. Consumption*

Jun-24

West (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2023 JUN	274	D	272	\$68,628	2	D
2023 JUL	250	D	249	\$45,308	1	D
2023 AUG	295	D	293	\$63,393	2	D
2023 SEP	281	D	281	\$46,367	0	D
2023 OCT	330	D	330	\$71,318	0	D
2023 NOV	334	D	332	\$67,241	2	D
2023 DEC	362	D	362	\$88,471	0	D
2024 JAN	267	D	266	\$51,788	1	D
2024 FEB	273	D	273	\$61,155	0	D
2024 MAR	284	D	284	\$64,778	0	D
2024 APR	329	D	329	\$68,095	0	D
2024 MAY	304	D	302	\$71,717	2	D
2024 JUN	273	D	268	\$71,778	5	D
Average	297	\$65,253	295	\$64,618	1	D

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U.S. MANUFACTURING TECHNOLOGY ORDERS

# Total U.S. Manufacturing Technology Orders Through June 2024

