

NEWS RELEASE

U.S. Manufacturing Technology Orders



a statistical program of AMT

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U.S. Manufacturing Technology Orders Post Modest Gains in May

McLean, VA (July 8, 2019) – U.S. manufacturing technology orders rose to \$378.4 million in May, an increase of 7.3 percent over the previous month, according to the latest U.S. Manufacturing Technology Orders Report published by AMT – The Association For Manufacturing Technology. Orders for metal cutting technologies grew 4.5 percent while forming and fabricating technologies increased 64.8 percent over the previous month and 117 percent over May 2018. Despite the modest uptick in total orders from April, orders are down nearly 22 percent from May 2018, when orders totaled \$484.2 million. The year-to-date total for 2019 increased to \$1,867 million, a 13.5 percent decline from the 2018 total through May.

“Manufacturing technology orders will be good but smaller than 2018, and we will see a significant move in the customer mix as large manufacturers shift capital liabilities down the supply chain or into the machine shop sector,” said Pat McGibbon, Chief Knowledge Officer for AMT. “In the past four months, the share of total orders placed by machine shops increased more than 20 percent. This is typical of business cycles with disruptions rather than a decline in manufacturing activity.”

While orders were up overall in May, growth was not even amongst all industries. Construction machinery manufacturing was up nearly seven-fold over the previous month, and orders from agricultural equipment manufacturing more than doubled. On the other hand, orders from the medical equipment manufacturers fell by a third, and primary metal manufacturing slashed orders by more than half. Orders from the aerospace sector increased just under 10 percent, and the engine and turbine sector, as well as automotive orders, increased by a third and a quarter, respectively. Machine shop orders fell by less than one percent. Of the major USMTO industries, industrial machinery had the highest uptick in orders, more than doubling April 2019 levels.

The largest growth rate for a region in May 2019 was the Southeast, where orders increased 25.8 percent of their April 2019 level. Gains were also seen in the West, North Central – East, and South Central regions. Modest losses were recorded in the Northeast and North Central – West regions, where monthly totals fell by single-digit percentages from April 2019.

June 2019 ISM® Manufacturing Report On Business® reported the Purchasing Managers’ Index at 51.7, a modest decline but still signaling an expansion in manufacturing activity. Capacity utilization increased in May by nearly a tenth of a percentage point to 76.18, the first increase of 2019. The University of Michigan consumer confidence index fell in June to 98.2 percent, down 1.8 percentage points as anticipated. Despite the slip in confidence, the university notes the overall decline was driven by households in the top third of the income distribution citing negative impacts of tariffs.

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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.*

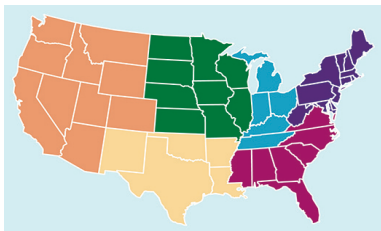
***AMT – The Association For Manufacturing Technology** represents U.S.-based providers of manufacturing technology – the advanced machinery, devices, and digital equipment that U.S. manufacturing relies on to be productive, innovative, and competitive. Located in McLean, VA, near the nation’s capital, 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** is 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 2020 will run Sept. 14-19. IMTS is ranked among the largest trade shows in the world. Recognized as one of the world’s preeminent stages for introducing and selling manufacturing equipment and technology, IMTS attracts visitors from every level of industry and more than 117 countries. IMTS 2018 was the largest in number of registrations (129,415), net square feet of exhibit space (1,424,232 sq. ft.), booths (2,123) and exhibiting companies (2,563). IMTS is owned and managed by AMT-The Association For Manufacturing Technology. www.IMTS.com*

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	May 2019 (P)	Previous Month	% Change	Year Ago Month	% Change	YTD 19 (P)	YTD 18 (R)	% Change YTD
National								
Metal Cutting	351.89	336.70	4.5%	471.99	-25.4%	1,794.22	2,053.63	-12.6%
Metal Forming & Fabricating	26.48	16.07	64.8%	12.20	117.0%	73.25	104.67	-30.0%
Total	378.37	352.77	7.3%	484.20	-21.9%	1,867.48	2,158.30	-13.5%
Regional								
Northeast								
Metal Cutting	57.22	59.74	-4.2%	70.76	-19.1%	330.90	357.38	-7.4%
Metal Forming & Fabricating	D	4.94	D	D	415.6%	D	D	D
Total	D	64.69	D	D	-17.0%	D	D	D
Southeast								
Metal Cutting	40.21	41.52	-3.2%	58.88	-31.7%	229.24	223.41	2.6%
Metal Forming & Fabricating	19.96	6.33	215.5%	1.37	*	D	D	D
Total	60.16	47.84	25.8%	60.25	-0.1%	D	D	D
North Central-East								
Metal Cutting	88.47	77.11	14.7%	119.48	-26.0%	409.63	476.35	-14.0%
Metal Forming & Fabricating	3.14	2.83	10.8%	7.99	-60.7%	9.95	29.68	-66.5%
Total	91.61	79.95	14.6%	127.46	-28.1%	419.58	506.04	-17.1%
North Central-West								
Metal Cutting	66.96	68.40	-2.1%	90.35	-25.9%	336.79	397.07	-15.2%
Metal Forming & Fabricating	0.59	1.60	-63.4%	1.81	-67.5%	D	46.42	D
Total	67.55	70.00	-3.5%	92.16	-26.7%	D	443.49	D
South Central								
Metal Cutting	33.40	29.70	12.5%	50.90	-34.4%	159.95	224.08	-28.6%
Metal Forming & Fabricating	D	0.10	D	D	-63.3%	D	D	D
Total	D	29.80	D	D	-34.5%	D	D	D
West								
Metal Cutting	65.62	60.23	8.9%	81.64	-19.6%	327.71	375.33	-12.7%
Metal Forming & Fabricating	0.93	D	D	0.41	126.6%	D	D	D
Total	66.55	D	D	82.05	-18.9%	D	D	D



- 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: Due to a change in survey participants the year over year comparison number for Metal Forming and Fabricating is not an accurate reflection of the data. We have adjusted the data for the past 12 months to take this change into consideration. The new chart reflects a consistent year over year comparison of the data at the current participation level.



Net New Orders for U.S. Consumption

May-19

Total National Orders (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2018 MAY	2,595	\$484,196	2,529	\$471,994	66	\$12,202
2018 JUN	2,252	\$421,930	2,170	\$409,788	82	\$12,142
2018 JUL	2,086	\$404,213	2,026	\$380,738	60	\$23,475
2018 AUG	2,827	\$505,083	2,750	\$485,091	77	\$19,992
2018 SEP	2,929	\$616,330	2,869	\$599,490	60	\$16,841
2018 OCT	2,602	\$467,815	2,506	\$452,323	96	\$15,493
2018 NOV	2,604	\$453,679	2,544	\$438,128	60	\$15,551
2018 DEC	2,360	\$441,334	2,274	\$430,515	86	\$10,819
2019 JAN	2,257	\$393,457	2,196	\$378,181	61	\$15,276
2019 FEB	1,966	\$326,080	1,902	\$318,255	64	\$7,825
2019 MAR	2,374	\$416,803	2,321	\$409,200	53	\$7,603
2019 APR	2,110	\$352,773	2,042	\$336,702	68	\$16,071
2019 MAY	1,952	\$378,366	1,884	\$351,886	68	\$26,480
Average	2,378	\$435,543	2,309	\$420,176	69	\$15,367

Regional

Northeast Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2018 MAY	464	D	459	\$70,757	5	D
2018 JUN	396	D	393	\$74,545	3	D
2018 JUL	451	\$92,121	444	\$90,672	7	\$1,448
2018 AUG	498	\$77,010	482	\$72,825	16	\$4,185
2018 SEP	616	\$117,598	607	\$112,764	9	\$4,835
2018 OCT	503	\$86,170	490	\$84,945	13	\$1,225
2018 NOV	513	\$96,328	509	\$94,857	4	\$1,471
2018 DEC	490	\$101,861	476	\$100,440	14	\$1,421
2019 JAN	449	\$76,567	439	\$74,976	10	\$1,591
2019 FEB	403	\$62,249	391	\$60,585	12	\$1,665
2019 MAR	457	\$79,977	450	\$78,372	7	\$1,605
2019 APR	428	\$64,686	415	\$59,744	13	\$4,942
2019 MAY	365	D	357	\$57,222	8	D
Average	464	\$81,507	455	\$79,439	9	\$2,069

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Net New Orders for U.S. Consumption

May-19

Southeast Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2018 MAY	313	\$60,251	307	\$58,877	6	\$1,374
2018 JUN	362	\$63,654	350	\$63,062	12	\$591
2018 JUL	205	D	203	\$33,400	2	D
2018 AUG	297	D	293	\$45,174	4	D
2018 SEP	381	D	375	\$124,673	6	D
2018 OCT	407	D	398	\$75,895	9	D
2018 NOV	370	\$58,637	356	\$55,495	14	\$3,142
2018 DEC	287	D	274	\$51,328	13	D
2019 JAN	387	\$62,017	377	\$53,581	10	\$8,436
2019 FEB	249	D	248	\$35,087	1	D
2019 MAR	329	\$60,065	318	\$58,850	11	\$1,215
2019 APR	349	\$47,844	335	\$41,518	14	\$6,326
2019 MAY	256	\$60,165	236	\$40,206	20	\$19,959
Average	322	\$60,361	313	\$56,703	9	\$3,658

North Central-East Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2018 MAY	576	\$127,463	557	\$119,478	19	\$7,986
2018 JUN	514	\$91,456	490	\$87,056	24	\$4,400
2018 JUL	466	\$101,742	449	\$96,169	17	\$5,574
2018 AUG	641	\$103,696	625	\$100,824	16	\$2,872
2018 SEP	610	\$126,340	594	\$122,685	16	\$3,655
2018 OCT	580	\$103,440	551	\$96,653	29	\$6,787
2018 NOV	521	\$103,658	503	\$95,024	18	\$8,634
2018 DEC	511	\$104,233	493	\$101,322	18	\$2,910
2019 JAN	501	\$84,806	485	\$83,638	16	\$1,168
2019 FEB	376	\$62,243	359	\$60,787	17	\$1,455
2019 MAR	521	\$100,969	506	\$99,620	15	\$1,349
2019 APR	412	\$79,946	393	\$77,112	19	\$2,833
2019 MAY	442	\$91,611	423	\$88,472	19	\$3,139
Average	513	\$98,585	494	\$94,526	19	\$4,059

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Net New Orders for U.S. Consumption

May-19

North Central-West Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2018 MAY	455	\$92,155	440	\$90,347	15	\$1,808
2018 JUN	379	\$86,592	360	\$82,712	19	\$3,880
2018 JUL	367	\$82,865	351	\$69,495	16	\$13,370
2018 AUG	566	\$148,962	545	\$139,126	21	\$9,836
2018 SEP	540	\$108,144	521	\$105,314	19	\$2,830
2018 OCT	384	\$80,561	370	\$77,938	14	\$2,623
2018 NOV	444	\$76,937	430	\$75,361	14	\$1,576
2018 DEC	415	\$73,381	396	\$71,437	19	\$1,944
2019 JAN	341	\$71,390	330	\$69,914	11	\$1,476
2019 FEB	313	\$63,984	303	\$62,730	10	\$1,254
2019 MAR	379	D	373	\$68,784	6	D
2019 APR	354	\$69,998	343	\$68,395	11	\$1,603
2019 MAY	337	\$67,551	329	\$66,964	8	\$587
Average	406	\$84,026	392	\$80,655	14	\$3,371

South Central Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2018 MAY	313	D	307	\$50,899	6	D
2018 JUN	234	\$38,009	221	\$37,101	13	\$908
2018 JUL	216	\$34,159	209	\$33,032	7	\$1,128
2018 AUG	315	\$53,105	302	\$52,733	13	\$372
2018 SEP	288	D	285	\$44,211	3	D
2018 OCT	250	\$35,143	242	\$34,378	8	\$764
2018 NOV	231	D	226	\$33,709	5	D
2018 DEC	210	D	202	\$27,812	8	D
2019 JAN	214	\$34,245	207	\$33,749	7	\$496
2019 FEB	213	\$31,217	195	\$28,483	18	\$2,734
2019 MAR	272	D	270	\$34,617	2	D
2019 APR	192	\$29,802	186	\$29,701	6	\$101
2019 MAY	203	D	196	\$33,404	7	D
Average	242	\$37,210	234	\$36,448	8	\$762

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**Net New Orders for U.S. Consumption****May-19****West (Thousands of Dollars)**

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2018 MAY	474	\$82,047	459	\$81,636	15	\$411
2018 JUN	367	\$67,272	356	\$65,311	11	\$1,961
2018 JUL	381	\$59,717	370	\$57,971	11	\$1,746
2018 AUG	510	\$75,918	503	\$74,409	7	\$1,509
2018 SEP	494	\$93,532	487	\$89,843	7	\$3,688
2018 OCT	478	\$83,975	455	\$82,513	23	\$1,462
2018 NOV	525	\$83,801	520	\$83,682	5	\$119
2018 DEC	447	\$79,761	433	\$78,176	14	\$1,585
2019 JAN	365	D	358	\$62,323	7	D
2019 FEB	412	D	406	\$70,584	6	D
2019 MAR	416	D	404	\$68,958	12	D
2019 APR	375	D	370	\$60,231	5	D
2019 MAY	349	\$66,550	343	\$65,619	6	\$932
Average	430	\$73,853	420	\$72,404	10	\$1,449

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Total U.S. Manufacturing Technology Orders Through May 2019

