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For Immediate Release: November 11, 2019

U.S. Manufacturing Technology Orders Decrease in September, but Automotive Sector Sees Slight Increase

MCLEAN, Va. (Nov. 11, 2019) U.S. manufacturing technology orders fell 1 percent from the previous month to a total of \$361.5 million in September 2019 according to the latest U.S. Manufacturing Technology Orders Report published by AMT—The Association For Manufacturing Technology. Orders decreased 41 percent from September 2018, yielding a 10 percent decline in the first three quarters of 2019.

Aerospace orders were flat, machine shops were down modestly, and the automotive sector saw a slight increase despite a decrease in orders in the transmission and powertrain sector.

“Manufacturing technology orders were lower in September than in August, which has only happened twice since USMTO started tracking data,” said Douglas K. Woods, president of The Association For Manufacturing Technology. “The automotive and aerospace sectors were higher, however, possibly due to companies looking to buy capital equipment and complete installation by year-end to take advantage of tax incentives. It could also be an indication that there was a bump of optimism in August around the GM and labor union talks and progress on trade issues.

“Contract machining, which typically represent about 30 percent of all manufacturing orders, totaled about 40 percent over the last five months. However, in September, orders fell to 35 percent. This is likely due to customers reducing their reliance on contract machining and increasing capital investments in their own plants.

“Spending in the auto industry was up by about 10 percent despite a significant decline in orders by the power transmission segment of the industry. This is indicative of a supply chain that felt confident that the GM strike would be short and that NAFTA 2.0 would be resolved favorably, again, coupled with the desire to get in orders before the end of the tax year. The supply chain in the automotive sector was feeling comfortable making modest investments to gear up for 2020. In addition to USMTO data, another key data point that supports this is that the industry saw the projection for the annual sales of vehicles go back up to over 17 million units in October. There is clearly optimism that things will be better by end of year.

“The aerospace industry has been a stalwart in this downturn since the beginning of 2019. Spending in September was up modestly from August, and this is significant because it was achieved by broad

NEWS RELEASE

U.S. Manufacturing Technology Orders



a statistical program of AMT

investment across many companies, whereas August orders were based on only a few significant orders.”

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The United States Manufacturing Technology Orders (USMTO) report

These numbers and all data in this report are 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.

About AMT – The Association for Manufacturing Technology

AMT represents U.S.-based builders and distributors 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.

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 2018 will run Sept. 10-15. 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 more than 114,000 visitors from every level of industry and more than 112 countries. IMTS is owned and managed by AMT – The Association for Manufacturing Technology. www.IMTS.com

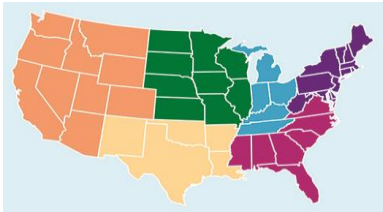
(USMTO data is also available at www.AMTonline.org.)

ISSN# 10807756



Sep-19

	Sep 2019 (P)	Previous Month	% Change	Year Ago Month	% Change	YTD 19 (P)	YTD 18 (R)	% Change YTD
National								
Metal Cutting	352.41	360.65	-2.3%	599.24	-41.2%	3,253.55	3,926.86	-17.1%
Metal Forming & Fabricating	9.10	4.90	85.8%	16.84	-45.9%	102.29	177.12	-42.2%
Total	361.51	365.55	-1.1%	616.08	-41.3%	3,355.84	4,103.98	-18.2%
Regional								
Northeast								
Metal Cutting	74.97	84.88	-11.7%	112.76	-33.5%	636.23	708.18	-10.2%
Metal Forming & Fabricating	1.32	D	D	4.83	-72.7%	19.74	19.17	3.0%
Total	76.29	D	D	117.60	-35.1%	655.97	727.36	-9.8%
Southeast								
Metal Cutting	49.37	47.25	4.5%	124.67	-60.4%	400.27	489.72	-18.3%
Metal Forming & Fabricating	D	D	*	D	354.0%	D	D	196.8%
Total	D	D	8.7%	D	-58.8%	D	D	-12.6%
North Central-East								
Metal Cutting	75.07	77.82	-3.5%	122.69	-38.8%	754.91	882.60	-14.5%
Metal Forming & Fabricating	2.27	1.57	45.0%	3.65	-37.9%	17.45	46.18	-62.2%
Total	77.34	79.39	-2.6%	126.34	-38.8%	772.37	928.78	-16.8%
North Central-West								
Metal Cutting	53.44	60.83	-12.2%	105.06	-49.1%	566.95	792.33	-28.4%
Metal Forming & Fabricating	2.95	0.66	348.2%	2.83	4.1%	11.59	76.34	-84.8%
Total	56.38	61.49	-8.3%	107.89	-47.7%	578.54	868.67	-33.4%
South Central								
Metal Cutting	29.33	28.97	1.2%	44.21	-33.7%	290.16	391.16	-25.8%
Metal Forming & Fabricating	D	D	-86.8%	D	-93.2%	D	D	-50.6%
Total	D	D	-0.8%	D	-35.4%	D	D	-26.4%
West								
Metal Cutting	70.23	60.90	15.3%	89.84	-21.8%	605.03	662.87	-8.7%
Metal Forming & Fabricating	0.27	0.51	-46.4%	3.69	-92.6%	9.43	13.00	-27.5%
Total	70.50	61.41	14.8%	93.53	-24.6%	614.45	675.87	-9.1%



- 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

Sep-19

Total National Orders (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2018 SEP	2,926	\$616,080	2,866	\$599,239	60	\$16,841
2018 OCT	2,597	\$467,323	2,501	\$451,830	96	\$15,493
2018 NOV	2,598	\$451,749	2,538	\$436,198	60	\$15,551
2018 DEC	2,360	\$441,603	2,274	\$430,784	86	\$10,819
2019 JAN	2,294	\$400,728	2,233	\$385,452	61	\$15,276
2019 FEB	1,990	\$330,242	1,926	\$322,417	64	\$7,825
2019 MAR	2,365	\$414,066	2,312	\$406,463	53	\$7,603
2019 APR	2,145	\$358,588	2,077	\$342,517	68	\$16,071
2019 MAY	2,057	\$388,386	1,989	\$361,907	68	\$26,480
2019 JUN	2,157	\$358,735	2,121	\$354,321	36	\$4,414
2019 JUL	1,965	\$378,030	1,913	\$367,408	52	\$10,623
2019 AUG	1,926	\$365,550	1,874	\$360,652	52	\$4,898
2019 SEP	2,039	\$361,513	1,980	\$352,409	59	\$9,103
Average	2,263	\$410,199	2,200	\$397,815	63	\$12,384

Regional

Northeast Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
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	462	\$78,564	452	\$76,973	10	\$1,591
2019 FEB	404	\$62,330	392	\$60,665	12	\$1,665
2019 MAR	451	\$78,001	444	\$76,396	7	\$1,605
2019 APR	427	\$64,465	414	\$59,523	13	\$4,942
2019 MAY	372 D		364	\$57,554	8 D	
2019 JUN	428	\$75,855	419	\$74,227	9	\$1,627
2019 JUL	393	\$74,982	387	\$71,038	6	\$3,944
2019 AUG	418 D		408	\$84,878	10 D	
2019 SEP	447	\$76,292	438	\$74,973	9	\$1,319
Average	456	\$81,379	446	\$79,172	10	\$2,207

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Net New Orders for U.S. Consumption

Sep-19

Southeast Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
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	390	\$62,496	380	\$54,060	10	\$8,436
2019 FEB	260	D	259	\$37,352	1	D
2019 MAR	325	\$59,425	314	\$58,210	11	\$1,215
2019 APR	350	\$48,266	336	\$41,940	14	\$6,326
2019 MAY	260	\$60,896	240	\$40,937	20	\$19,959
2019 JUN	295	D	289	\$40,179	6	D
2019 JUL	260	\$31,892	254	\$30,972	6	\$920
2019 AUG	269	D	268	\$47,245	1	D
2019 SEP	267	D	258	\$49,369	9	D
Average	317	\$58,111	308	\$54,435	9	\$3,676

North Central-East Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
2018 SEP	610	\$126,340	594	\$122,685	16	\$3,655
2018 OCT	581	\$103,571	552	\$96,784	29	\$6,787
2018 NOV	515	\$101,672	497	\$93,038	18	\$8,634
2018 DEC	514	\$104,697	496	\$101,786	18	\$2,910
2019 JAN	499	\$85,303	483	\$84,134	16	\$1,168
2019 FEB	376	\$63,098	359	\$61,642	17	\$1,455
2019 MAR	516	\$100,891	501	\$99,542	15	\$1,349
2019 APR	420	\$83,280	401	\$80,447	19	\$2,833
2019 MAY	449	\$92,439	430	\$89,300	19	\$3,139
2019 JUN	477	\$83,968	466	\$82,896	11	\$1,072
2019 JUL	449	\$106,654	432	\$104,056	17	\$2,598
2019 AUG	453	\$79,388	436	\$77,821	17	\$1,567
2019 SEP	464	\$77,345	450	\$75,074	14	\$2,271
Average	486	\$92,973	469	\$89,939	17	\$3,034

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Net New Orders for U.S. Consumption

Sep-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 SEP	537	\$107,893	518	\$105,064	19	\$2,830
2018 OCT	378	\$79,938	364	\$77,314	14	\$2,623
2018 NOV	444	\$76,992	430	\$75,417	14	\$1,576
2018 DEC	412	\$73,186	393	\$71,242	19	\$1,944
2019 JAN	344	\$72,498	333	\$71,021	11	\$1,476
2019 FEB	314	\$64,100	304	\$62,846	10	\$1,254
2019 MAR	374 D		368	\$68,017	6 D	
2019 APR	359	\$70,122	348	\$68,519	11	\$1,603
2019 MAY	358	\$69,371	350	\$68,784	8	\$587
2019 JUN	320	\$53,212	314	\$52,356	6	\$856
2019 JUL	330 D		325	\$61,138	5 D	
2019 AUG	255	\$61,491	247	\$60,833	8	\$657
2019 SEP	350	\$56,382	335	\$53,436	15	\$2,947
Average	367	\$70,504	356	\$68,922	11	\$1,582

South Central Region (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
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	224	\$35,205	217	\$34,710	7	\$496
2019 FEB	216	\$31,050	198	\$28,316	18	\$2,734
2019 MAR	280 D		278	\$35,518	2 D	
2019 APR	202	\$30,761	196	\$30,660	6	\$101
2019 MAY	213 D		206	\$34,145	7 D	
2019 JUN	219 D		217	\$35,097	2 D	
2019 JUL	200 D		191	\$33,421	9 D	
2019 AUG	212 D		203	\$28,969	9 D	
2019 SEP	169 D		166	\$29,327	3 D	
Average	224	\$33,731	217	\$33,098	7	\$633

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Net New Orders for U.S. Consumption

Sep-19

West (Thousands of Dollars)

Date	Total Orders		Metal Cutting Machines		Metal Forming & Fabricating Machines	
	Units	Value	Units	Value	Units	Value
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	375 D		368	\$64,555	7 D	
2019 FEB	420 D		414	\$71,596	6 D	
2019 MAR	419 D		407	\$68,779	12 D	
2019 APR	387 D		382	\$61,427	5 D	
2019 MAY	405	\$72,118	399	\$71,186	6	\$932
2019 JUN	418 D		416	\$69,565	2 D	
2019 JUL	333 D		324	\$66,783	9 D	
2019 AUG	319	\$61,411	312	\$60,905	7	\$506
2019 SEP	342	\$70,502	333	\$70,230	9	\$272
Average	412	\$73,502	404	\$72,249	9	\$1,252

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Total U.S. Manufacturing Technology Orders Through September 2019

