



*Contact:*

*Penny Brown, AMT, 703-827-5275*

*pbrown@AMTonline.org*

For Release: July 9th, 2018

## **Manufacturing Technology Orders Made Rebound in May**

U.S. manufacturing technology orders in May posted double-digit growth rates month over month and year over year, demonstrating strong, sustained growth in the sector, according to the U.S. Manufacturing Technology Orders report from AMT – The Association For Manufacturing Technology. Overall, orders totaled \$485 million in May, bringing the year-to-date totals to \$2.1 billion or 26 percent higher than the first five months of 2017.

“The May rebound was largely expected as April tends to be a slow month, but the 26 percent jump over 2017 shows the strength in the global markets for manufacturing technology products and places the trend line on orders above our projections from last year,” said Doug Woods, AMT President. “The market does have some turbulence with tariff concerns, supply chain challenges, labor shortages, interest rates creeping up, and disruptive technologies shifting markets and methods. Still, for those agile and innovative companies, these market dynamics create a larger volume of opportunities, and pave a pathway to continued growth.”

In May, every region saw an increase in orders, with the South central showing gains that point to a rebound in the region for manufacturing technology expenditures. It is important to note that while oil and gas exploration is a significant portion of the recovery, there is a diversity in this growth that the region has not seen in decades. The North central-west posted the largest year-to-date gains at 40.3 percent, fueled by increased activity in the off-road equipment, medical equipment and job shop industries.

(more)

Large investment programs announced by the auto industry 18-24 months ago are finally beginning to bear fruit with May orders. An overwhelming majority of the new orders will be going to the “New Detroit” (Tennessee, Alabama, Georgia and the Carolinas). A sector to watch is the engine and turbine industry. Power generation is seeking a rapid increase in capacity. The West and Southeast are the two areas that seem to be driving this growth, though New England is still very strong in this sector.

General economic indicators that lead the manufacturing technology market also continue to be positive, though many stepped back a bit in May. This is most likely a reflection of the pause in April. Consumer sentiment fell less than a point, capacity utilization dropped by a little more than a half point, and the annual auto production rate for May fell by 300,000 units. These are the most modest of changes and the numbers support continued growth in orders. This point is punctuated by the slight rise in the Purchasing Managers Index, up to 58.7 from 57.3.

“The order levels are better than I would expect given supply constraints and trade issues plaguing U.S. manufacturers today,” said Pat McGibbon, AMT’s Vice President of Strategic Analytics. “Still, the numbers suggest that the best months are ahead starting with September and the boost that the International Manufacturing Technology Show always brings on fourth quarter orders in even-numbered years.”

# # #

**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.

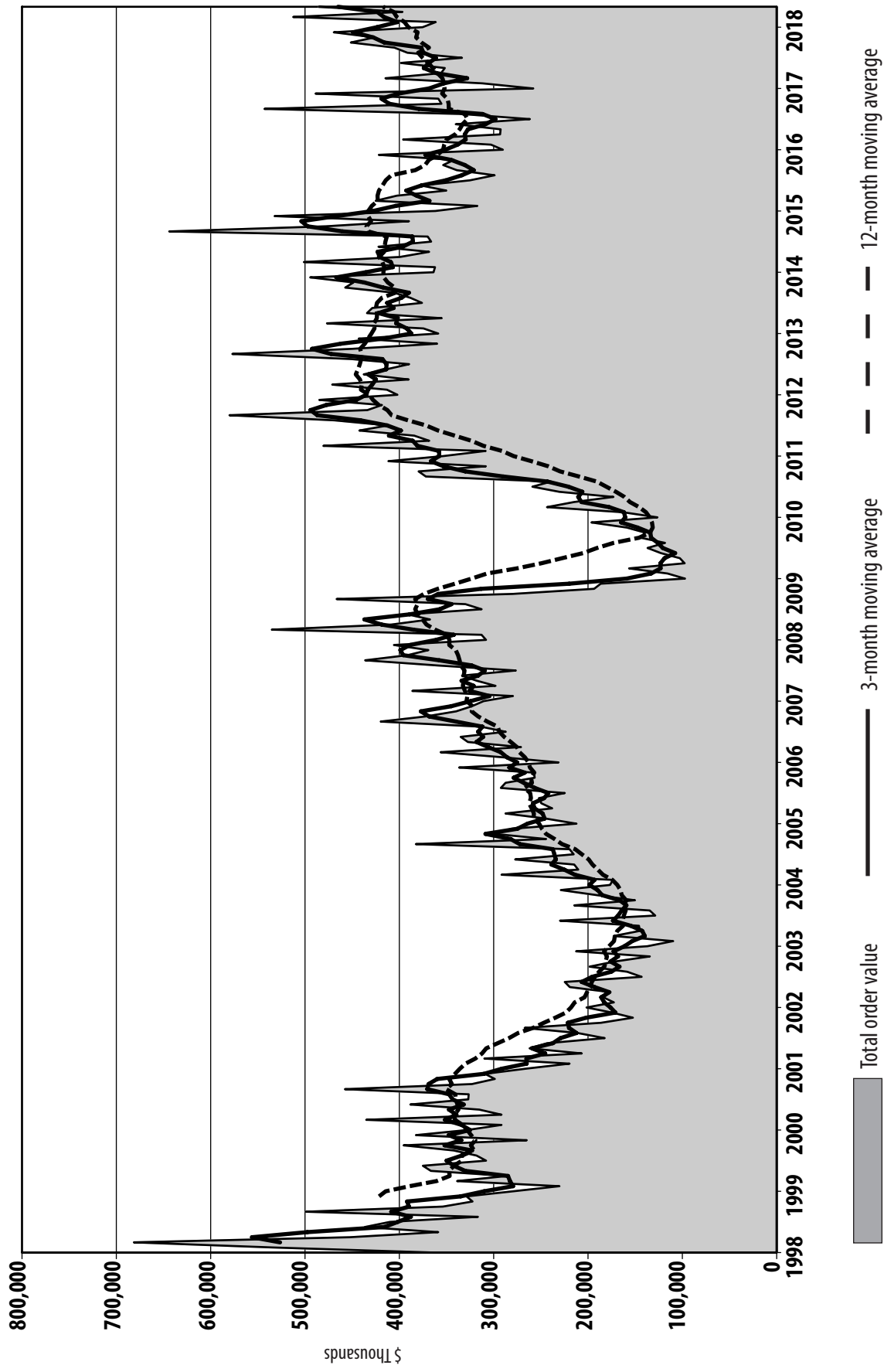
**IMTS – International Manufacturing Technology Show**

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](http://www.IMTS.com)



# Total U.S. Manufacturing Technology Orders

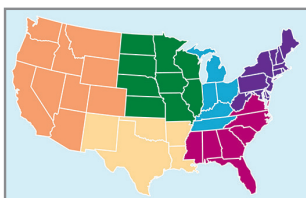
Through MAY 2018





**MAY 2018**

|                             | MAY 2018<br>(P) | Previous<br>Month | %<br>Change  | Year Ago<br>Month | %<br>Change  | YTD 18<br>(P)   | YTD 17(R)       | % Change<br>YTD |
|-----------------------------|-----------------|-------------------|--------------|-------------------|--------------|-----------------|-----------------|-----------------|
| <b>National</b>             |                 |                   |              |                   |              |                 |                 |                 |
| Metal Cutting               | 473.45          | 381.29            | 24.2%        | 340.28            | 39.1%        | 2,053.68        | 1,629.21        | 26.1%           |
| Metal Forming & Fabricating | 12.04           | 15.37             | -21.7%       | 11.51             | 4.6%         | 77.72           | 62.69           | 24.0%           |
| <b>Total</b>                | <b>485.49</b>   | <b>396.67</b>     | <b>22.4%</b> | <b>351.79</b>     | <b>38.0%</b> | <b>2,131.40</b> | <b>1,691.90</b> | <b>26.0%</b>    |
| <b>Regional</b>             |                 |                   |              |                   |              |                 |                 |                 |
| <b>Northeast</b>            |                 |                   |              |                   |              |                 |                 |                 |
| Metal Cutting               | 69.24           | 71.58             | -3.3%        | 58.03             | 19.3%        | 355.32          | 286.39          | 24.1%           |
| Metal Forming & Fabricating | D               | 1.01              | D            | 0.89              | D            | D               | 6.35            | D               |
| <b>Total</b>                | <b>D</b>        | <b>72.60</b>      | <b>D</b>     | <b>58.92</b>      | <b>D</b>     | <b>D</b>        | <b>292.74</b>   | <b>D</b>        |
| <b>Southeast</b>            |                 |                   |              |                   |              |                 |                 |                 |
| Metal Cutting               | 65.89           | 38.53             | 71.0%        | 35.89             | 83.6%        | 230.16          | 189.14          | 21.7%           |
| Metal Forming & Fabricating | 1.37            | D                 | D            | D                 | D            | D               | 23.06           | D               |
| <b>Total</b>                | <b>67.26</b>    | <b>D</b>          | <b>D</b>     | <b>D</b>          | <b>D</b>     | <b>D</b>        | <b>212.19</b>   | <b>D</b>        |
| <b>North Central-East</b>   |                 |                   |              |                   |              |                 |                 |                 |
| Metal Cutting               | 120.60          | 94.25             | 28.0%        | 78.22             | 54.2%        | 476.71          | 391.40          | 21.8%           |
| Metal Forming & Fabricating | 7.99            | 6.99              | 14.2%        | 2.86              | 179.4%       | 28.15           | D               | D               |
| <b>Total</b>                | <b>128.59</b>   | <b>101.24</b>     | <b>27.0%</b> | <b>81.08</b>      | <b>58.6%</b> | <b>504.86</b>   | <b>D</b>        | <b>D</b>        |
| <b>North Central-West</b>   |                 |                   |              |                   |              |                 |                 |                 |
| Metal Cutting               | 89.10           | 75.96             | 17.3%        | 82.48             | 8.0%         | 392.42          | 290.57          | 35.0%           |
| Metal Forming & Fabricating | 1.65            | 2.76              | -40.4%       | 1.59              | 3.6%         | 23.03           | 5.58            | 313.1%          |
| <b>Total</b>                | <b>90.75</b>    | <b>78.72</b>      | <b>15.3%</b> | <b>84.07</b>      | <b>7.9%</b>  | <b>415.45</b>   | <b>296.15</b>   | <b>40.3%</b>    |
| <b>South Central</b>        |                 |                   |              |                   |              |                 |                 |                 |
| Metal Cutting               | 49.76           | 30.25             | 64.5%        | 29.59             | 68.2%        | 222.25          | 156.76          | 41.8%           |
| Metal Forming & Fabricating | D               | 3.24              | D            | 4.92              | D            | D               | 6.21            | D               |
| <b>Total</b>                | <b>D</b>        | <b>33.50</b>      | <b>D</b>     | <b>34.51</b>      | <b>D</b>     | <b>D</b>        | <b>162.98</b>   | <b>D</b>        |
| <b>West</b>                 |                 |                   |              |                   |              |                 |                 |                 |
| Metal Cutting               | 78.85           | 70.72             | 11.5%        | 56.07             | 40.6%        | 376.82          | 314.95          | 19.6%           |
| Metal Forming & Fabricating | 0.41            | D                 | D            | D                 | D            | D               | 2.90            | D               |
| <b>Total</b>                | <b>79.26</b>    | <b>D</b>          | <b>D</b>     | <b>D</b>          | <b>D</b>     | <b>D</b>        | <b>317.85</b>   | <b>D</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:** 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 2018**

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

| DATE | TOTAL ORDERS |       | METAL CUTTING MACHINES |       | METAL FORMING & FABRICATING MACHINES |       |          |
|------|--------------|-------|------------------------|-------|--------------------------------------|-------|----------|
|      | Units        | Value | Units                  | Value | Units                                | Value |          |
| 2017 | MAY          | 2,229 | \$351,787              | 2,179 | \$340,278                            | 50    | \$11,508 |
| 2017 | JUN          | 2,227 | \$398,375              | 2,180 | \$387,563                            | 47    | \$10,812 |
| 2017 | JUL          | 1,904 | \$333,593              | 1,856 | \$320,566                            | 48    | \$13,027 |
| 2017 | AUG          | 2,181 | \$391,430              | 2,133 | \$378,230                            | 48    | \$13,201 |
| 2017 | SEP          | 2,165 | \$405,291              | 2,112 | \$393,808                            | 53    | \$11,483 |
| 2017 | OCT          | 2,702 | \$451,414              | 2,638 | \$435,542                            | 64    | \$15,871 |
| 2017 | NOV          | 2,509 | \$426,265              | 2,449 | \$415,860                            | 60    | \$10,406 |
| 2017 | DEC          | 2,897 | \$469,468              | 2,813 | \$454,508                            | 84    | \$14,960 |
| 2018 | JAN          | 2,092 | \$375,327              | 2,031 | \$353,916                            | 61    | \$21,411 |
| 2018 | FEB          | 2,061 | \$361,419              | 1,968 | \$347,461                            | 93    | \$13,958 |
| 2018 | MAR          | 2,665 | \$512,499              | 2,573 | \$497,561                            | 92    | \$14,938 |
| 2018 | APR          | 2,188 | \$396,669              | 2,110 | \$381,294                            | 78    | \$15,374 |
| 2018 | MAY          | 2,525 | \$485,489              | 2,460 | \$473,449                            | 65    | \$12,040 |
|      | Average      | 2,334 | \$412,233              | 2,269 | \$398,464                            | 65    | \$13,768 |

## REGIONAL

#### Northeast Region (Thousands of Dollars)

| DATE | TOTAL ORDERS |       | METAL CUTTING MACHINES |       | METAL FORMING & FABRICATING MACHINES |       |         |
|------|--------------|-------|------------------------|-------|--------------------------------------|-------|---------|
|      | Units        | Value | Units                  | Value | Units                                | Value |         |
| 2017 | MAY          | 383   | \$58,915               | 377   | \$58,025                             | 6     | \$890   |
| 2017 | JUN          | 409   | D                      | 404   | \$58,876                             | 5     | D       |
| 2017 | JUL          | 375   | \$68,763               | 369   | \$68,437                             | 6     | \$326   |
| 2017 | AUG          | 385   | \$66,178               | 373   | \$64,169                             | 12    | \$2,009 |
| 2017 | SEP          | 472   | \$72,633               | 464   | \$69,368                             | 8     | \$3,265 |
| 2017 | OCT          | 464   | \$68,453               | 448   | \$66,049                             | 16    | \$2,404 |
| 2017 | NOV          | 470   | \$67,799               | 463   | \$66,176                             | 7     | \$1,623 |
| 2017 | DEC          | 470   | \$76,090               | 457   | \$72,332                             | 13    | \$3,758 |
| 2018 | JAN          | 412   | D                      | 403   | \$63,047                             | 9     | D       |
| 2018 | FEB          | 373   | \$76,869               | 357   | \$73,601                             | 16    | \$3,268 |
| 2018 | MAR          | 453   | \$79,020               | 443   | \$77,840                             | 10    | \$1,180 |
| 2018 | APR          | 412   | \$72,599               | 401   | \$71,584                             | 11    | \$1,015 |
| 2018 | MAY          | 426   | D                      | 421   | \$69,245                             | 5     | D       |
|      | Average      | 423   | \$69,377               | 414   | \$67,596                             | 10    | \$1,781 |

**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 2018**

**Southeast Region (Thousands of Dollars)**

| DATE | TOTAL ORDERS |       | METAL CUTTING MACHINES |       | METAL FORMING & FABRICATING MACHINES |       |         |
|------|--------------|-------|------------------------|-------|--------------------------------------|-------|---------|
|      | Units        | Value | Units                  | Value | Units                                | Value |         |
| 2017 | MAY          | 251   | D                      | 246   | \$35,888                             | 5     | D       |
| 2017 | JUN          | 273   | \$54,099               | 261   | \$50,743                             | 12    | \$3,356 |
| 2017 | JUL          | 209   | D                      | 205   | \$35,825                             | 4     | D       |
| 2017 | AUG          | 230   | D                      | 227   | \$42,866                             | 3     | D       |
| 2017 | SEP          | 237   | \$49,829               | 232   | \$49,692                             | 5     | \$137   |
| 2017 | OCT          | 334   | \$50,308               | 326   | \$44,508                             | 8     | \$5,800 |
| 2017 | NOV          | 293   | \$49,002               | 286   | \$47,841                             | 7     | \$1,161 |
| 2017 | DEC          | 334   | D                      | 327   | \$50,336                             | 7     | D       |
| 2018 | JAN          | 268   | \$37,015               | 260   | \$36,440                             | 8     | \$575   |
| 2018 | FEB          | 194   | \$30,316               | 183   | \$29,453                             | 11    | \$863   |
| 2018 | MAR          | 334   | \$66,343               | 324   | \$59,845                             | 10    | \$6,498 |
| 2018 | APR          | 252   | D                      | 248   | \$38,532                             | 4     | D       |
| 2018 | MAY          | 321   | \$67,263               | 315   | \$65,889                             | 6     | \$1,374 |
|      | Average      | 272   | \$47,247               | 265   | \$45,220                             | 7     | \$2,027 |

**North Central-East Region (Thousands of Dollars)**

| DATE | TOTAL ORDERS |       | METAL CUTTING MACHINES |       | METAL FORMING & FABRICATING MACHINES |       |         |
|------|--------------|-------|------------------------|-------|--------------------------------------|-------|---------|
|      | Units        | Value | Units                  | Value | Units                                | Value |         |
| 2017 | MAY          | 531   | \$81,081               | 514   | \$78,223                             | 17    | \$2,858 |
| 2017 | JUN          | 550   | \$109,988              | 536   | \$104,696                            | 14    | \$5,292 |
| 2017 | JUL          | 472   | \$92,778               | 456   | \$84,268                             | 16    | \$8,510 |
| 2017 | AUG          | 541   | \$99,636               | 531   | \$94,227                             | 10    | \$5,409 |
| 2017 | SEP          | 489   | D                      | 480   | \$80,076                             | 9     | D       |
| 2017 | OCT          | 598   | \$124,118              | 581   | \$118,840                            | 17    | \$5,277 |
| 2017 | NOV          | 601   | \$103,570              | 582   | \$99,097                             | 19    | \$4,474 |
| 2017 | DEC          | 734   | \$106,712              | 709   | \$104,756                            | 25    | \$1,957 |
| 2018 | JAN          | 457   | \$84,103               | 437   | \$80,437                             | 20    | \$3,666 |
| 2018 | FEB          | 463   | \$86,726               | 431   | \$80,427                             | 32    | \$6,299 |
| 2018 | MAR          | 536   | \$104,207              | 504   | \$100,997                            | 32    | \$3,210 |
| 2018 | APR          | 507   | \$101,240              | 479   | \$94,248                             | 28    | \$6,992 |
| 2018 | MAY          | 573   | \$128,588              | 554   | \$120,602                            | 19    | \$7,986 |
|      | Average      | 542   | \$100,453              | 523   | \$95,453                             | 20    | \$5,000 |

**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 2018

## North Central-West Region (Thousands of Dollars)

| DATE | TOTAL ORDERS |       | METAL CUTTING MACHINES |       | METAL FORMING & FABRICATING MACHINES |       |          |
|------|--------------|-------|------------------------|-------|--------------------------------------|-------|----------|
|      | Units        | Value | Units                  | Value | Units                                | Value |          |
| 2017 | MAY          | 427   | \$84,072               | 420   | \$82,483                             | 7     | \$1,589  |
| 2017 | JUN          | 384   | D                      | 381   | \$77,498                             | 3     | D        |
| 2017 | JUL          | 307   | \$55,041               | 296   | \$53,798                             | 11    | \$1,243  |
| 2017 | AUG          | 365   | \$70,894               | 353   | \$66,403                             | 12    | \$4,490  |
| 2017 | SEP          | 431   | D                      | 418   | \$99,578                             | 13    | D        |
| 2017 | OCT          | 508   | \$88,799               | 496   | \$87,567                             | 12    | \$1,232  |
| 2017 | NOV          | 455   | \$93,916               | 438   | \$91,056                             | 17    | \$2,860  |
| 2017 | DEC          | 544   | \$104,265              | 528   | \$102,411                            | 16    | \$1,853  |
| 2018 | JAN          | 350   | \$79,792               | 335   | \$65,786                             | 15    | \$14,005 |
| 2018 | FEB          | 373   | \$61,385               | 357   | \$60,001                             | 16    | \$1,384  |
| 2018 | MAR          | 511   | \$104,805              | 487   | \$101,568                            | 24    | \$3,237  |
| 2018 | APR          | 380   | \$78,721               | 362   | \$75,959                             | 18    | \$2,761  |
| 2018 | MAY          | 437   | \$90,751               | 423   | \$89,105                             | 14    | \$1,646  |
|      | Average      | 421   | \$84,115               | 407   | \$81,017                             | 14    | \$3,099  |

## South Central Region (Thousands of Dollars)

| DATE | TOTAL ORDERS |       | METAL CUTTING MACHINES |       | METAL FORMING & FABRICATING MACHINES |       |         |
|------|--------------|-------|------------------------|-------|--------------------------------------|-------|---------|
|      | Units        | Value | Units                  | Value | Units                                | Value |         |
| 2017 | MAY          | 210   | \$34,508               | 197   | \$29,587                             | 13    | \$4,922 |
| 2017 | JUN          | 213   | D                      | 203   | \$29,222                             | 10    | D       |
| 2017 | JUL          | 177   | \$26,216               | 168   | \$25,075                             | 9     | \$1,141 |
| 2017 | AUG          | 237   | D                      | 231   | \$48,153                             | 6     | D       |
| 2017 | SEP          | 187   | D                      | 178   | \$32,376                             | 9     | D       |
| 2017 | OCT          | 277   | D                      | 271   | \$43,400                             | 6     | D       |
| 2017 | NOV          | 209   | D                      | 205   | \$34,071                             | 4     | D       |
| 2017 | DEC          | 260   | D                      | 252   | \$43,941                             | 8     | D       |
| 2018 | JAN          | 215   | D                      | 208   | \$48,121                             | 7     | D       |
| 2018 | FEB          | 249   | D                      | 242   | \$40,920                             | 7     | D       |
| 2018 | MAR          | 287   | \$53,618               | 277   | \$53,201                             | 10    | \$417   |
| 2018 | APR          | 211   | \$33,499               | 197   | \$30,254                             | 14    | \$3,245 |
| 2018 | MAY          | 312   | D                      | 306   | \$49,758                             | 6     | D       |
|      | Average      | 234   | \$40,290               | 226   | \$39,083                             | 8     | \$1,207 |

**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 2018**

**West (Thousands of Dollars)**

| DATE | TOTAL ORDERS |       | METAL CUTTING MACHINES |       | METAL FORMING & FABRICATING MACHINES |       |         |
|------|--------------|-------|------------------------|-------|--------------------------------------|-------|---------|
|      | Units        | Value | Units                  | Value | Units                                | Value |         |
| 2017 | MAY          | 427   | D                      | 425   | \$56,072                             | 2     | D       |
| 2017 | JUN          | 398   | D                      | 395   | \$66,529                             | 3     | D       |
| 2017 | JUL          | 364   | D                      | 362   | \$53,162                             | 2     | D       |
| 2017 | AUG          | 423   | D                      | 418   | \$62,412                             | 5     | D       |
| 2017 | SEP          | 349   | D                      | 340   | \$62,718                             | 9     | D       |
| 2017 | OCT          | 521   | D                      | 516   | \$75,177                             | 5     | D       |
| 2017 | NOV          | 481   | D                      | 475   | \$77,618                             | 6     | D       |
| 2017 | DEC          | 555   | \$83,482               | 540   | \$80,732                             | 15    | \$2,749 |
| 2018 | JAN          | 390   | D                      | 388   | \$60,084                             | 2     | D       |
| 2018 | FEB          | 409   | \$64,299               | 398   | \$63,058                             | 11    | \$1,241 |
| 2018 | MAR          | 544   | D                      | 538   | \$104,111                            | 6     | D       |
| 2018 | APR          | 426   | D                      | 423   | \$70,716                             | 3     | D       |
| 2018 | MAY          | 456   | \$79,261               | 441   | \$78,850                             | 15    | \$411   |
|      | Average      | 442   | \$70,751               | 435   | \$70,095                             | 6     | \$655   |

**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.