

NEWS RELEASE

U.S. Manufacturing Technology Orders



a statistical program of AMT

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December Manufacturing Technology Orders Cap a Good 2017

Orders for manufacturing technology climbed month-to-month and year-to-date in December 2017, according to the latest U.S. Manufacturing Technology Orders report from AMT – The Association For Manufacturing Technology. Orders totaled \$447 million for the month, up 6% compared to November. At a cumulative total of \$4.5 billion for the year, orders were up 8% compared to the year-end total in 2016.

“The year ended as market growth looks to pick up speed in the first quarter of 2018 with the only constraint to growth being builders ability to deliver product fast enough,” said AMT President Douglas K. Woods. “This has been exacerbated by recent rebounds in both the EU and Chinese manufacturing sectors significantly increasing the demand side of the equation.”

The U.S. market was strong across all the regional markets with the North Central East region falling less than a percent after posting the fourth best monthly total in December. October and November registered the second and third best months of the year resulting in a stellar fourth quarter for the region. The South Central region, which suffered the most in the past downturn, posted a nearly 30% increase over November levels and was nearly 60% up for the year relative to 2016. Energy exploration orders have made a modest comeback in 2017, but this region’s growth was due to significant increases in orders from the job shop, metalworking, auto and food processing industries.

The key leading indicators for the manufacturing technology market are positive and most are signaling significant expansion of the market going forward. While capacity utilization paused at 77% for the manufacturing sector, the industrial production index continued to edge upwards in December to 106. Durable goods orders were up 3% in December pushing backlogs up nearly a percentage point yielding a backlog that is nearly five times

(more)

AMT – The Association For Manufacturing Technology
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larger than monthly durable goods shipments. The top two leading indicators, the Purchasing Managers' Index and the Metalworking Business Index, published by Gardner Business Media, were both 59.1. These signal continued expansion of the manufacturing sector and manufacturing technology market over the next quarter.

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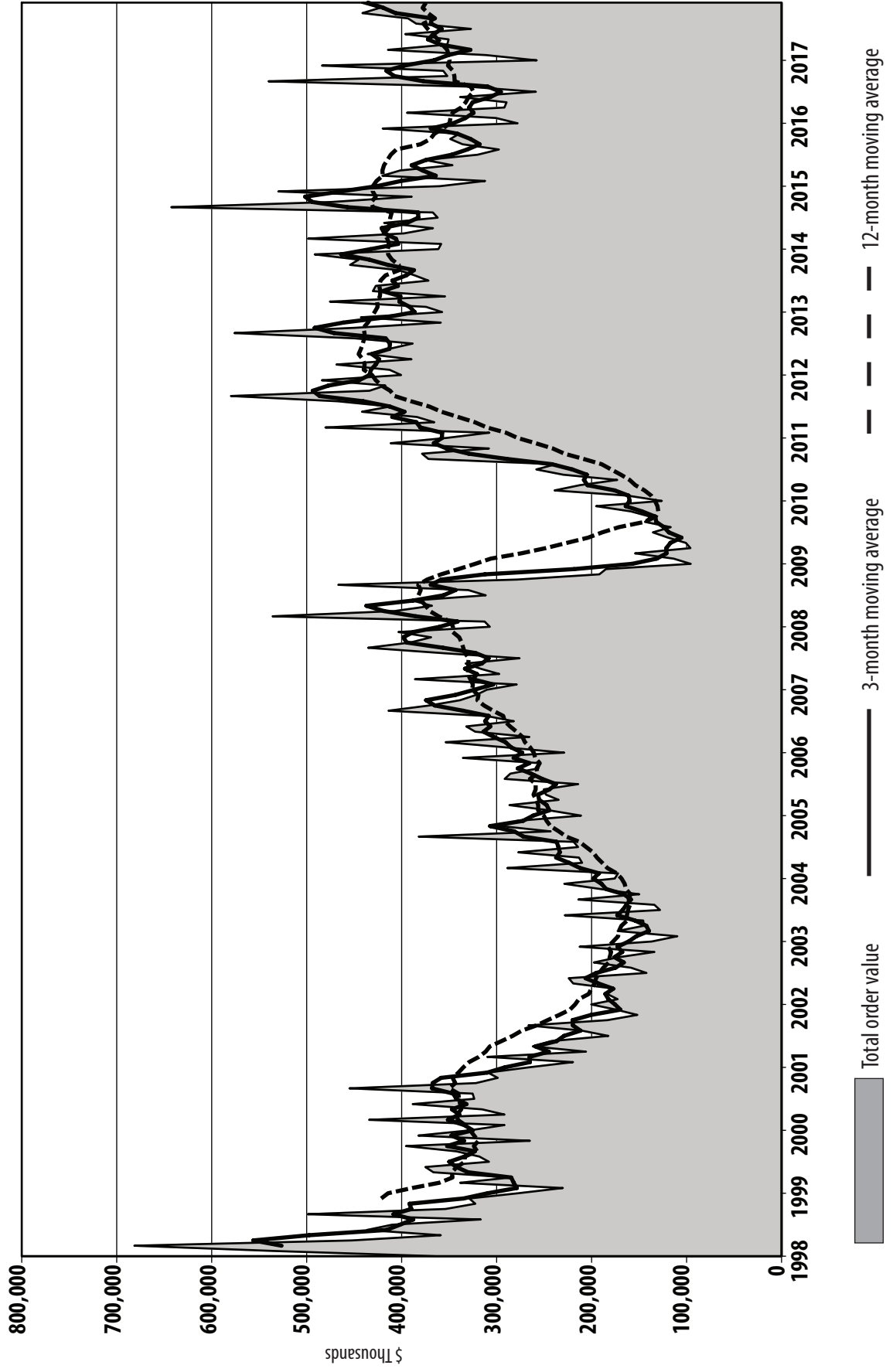
AMT – The Association For Manufacturing Technology represents and promotes U.S.-based manufacturing technology and its members—those who design, build, sell, and service the continuously evolving technology that lies at the heart of manufacturing. Founded in 1902 and based in Virginia, the association specializes in providing targeted business assistance, extensive global support, and business intelligence systems and analysis. AMT is the voice that communicates the importance of policies and programs that encourage research and innovation, and the development of educational initiatives to create tomorrow's Smartforce. AMT owns and manages IMTS — The International Manufacturing Technology Show, which is the premier manufacturing technology event in North America.

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Total U.S. Manufacturing Technology Orders

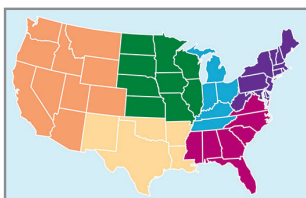
Through December 2017





December 2017

| | DEC 17 (P) | Previous Month | % Change | Year Ago Month | % Change | YTD 17 (P) | YTD 16 (R) | % Change YTD |
|-----------------------------|---------------|-------------------|--------------|-------------------|--------------|-----------------|-----------------|-----------------|
| National | | | | | | | | |
| Metal Cutting | 432.93 | 413.12 | 4.8% | 475.75 | -9.0% | 4,367.26 | 4,094.87 | 6.7% |
| Metal Forming & Fabricating | 13.84 | 10.17 | 36.1% | 11.01 | 25.7% | 151.10 | 89.86 | 68.1% |
| Total | 446.77 | 423.29 | 5.5% | 486.76 | -8.2% | 4,518.36 | 4,184.73 | 8.0% |
| Regional | | | | | | | | |
| Northeast | | | | | | | | |
| Metal Cutting | 66.59 | 65.62 | 1.5% | 127.34 | -47.7% | 744.84 | 833.07 | -10.6% |
| Metal Forming & Fabricating | 3.76 | 1.62 | 131.6% | D | D | 20.31 | 12.79 | 58.8% |
| Total | 70.35 | 67.24 | 4.6% | D | D | 765.16 | 845.86 | -9.5% |
| Southeast | | | | | | | | |
| Metal Cutting | 47.45 | 46.23 | 2.6% | 43.25 | 9.7% | 503.02 | 537.39 | -6.4% |
| Metal Forming & Fabricating | D | 1.16 | D | 2.82 | D | 37.83 | 15.00 | 152.2% |
| Total | D | 47.39 | D | 46.07 | D | 540.85 | 552.39 | -2.1% |
| North Central-East | | | | | | | | |
| Metal Cutting | 101.01 | 98.93 | 2.1% | 96.97 | 4.2% | 1,070.11 | 986.30 | 8.5% |
| Metal Forming & Fabricating | 1.96 | 4.24 | -53.9% | 2.71 | -27.7% | 52.34 | 25.41 | 106.0% |
| Total | 102.96 | 103.17 | -0.2% | 99.68 | 3.3% | 1,122.45 | 1,011.72 | 10.9% |
| North Central-West | | | | | | | | |
| Metal Cutting | 94.93 | 90.65 | 4.7% | 74.30 | 27.8% | 849.70 | 750.74 | 13.2% |
| Metal Forming & Fabricating | 1.83 | 2.86 | -36.1% | 2.58 | -29.1% | 21.21 | 22.39 | -5.3% |
| Total | 96.76 | 93.51 | 3.5% | 76.88 | 25.9% | 870.91 | 773.13 | 12.6% |
| South Central | | | | | | | | |
| Metal Cutting | 42.89 | 34.07 | 25.9% | 36.52 | 17.4% | 410.51 | 263.54 | 55.8% |
| Metal Forming & Fabricating | D | D | * | D | 500.9% | 11.65 | 4.11 | 183.7% |
| Total | D | D | 28.6% | D | 19.6% | 422.16 | 267.64 | 57.7% |
| West | | | | | | | | |
| Metal Cutting | 80.07 | 77.62 | 3.2% | 97.36 | -17.8% | 789.08 | 723.83 | 9.0% |
| Metal Forming & Fabricating | 1.66 | D | D | D | D | 7.76 | 10.17 | -23.7% |
| Total | 81.73 | D | D | D | D | 796.84 | 733.99 | 8.6% |



- 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

DEC 2017

Total National Orders (Thousands of Dollars)

| | DATE | TOTAL ORDERS | | METAL CUTTING MACHINES | | METAL FORMING & FABRICATING MACHINES | |
|------|---------|--------------|-----------|------------------------|-----------|--------------------------------------|----------|
| | | Units | Value | Units | Value | Units | Value |
| 2016 | DEC | 2,700 | \$486,761 | 2,648 | \$475,749 | 52 | \$11,012 |
| 2017 | JAN | 1,614 | \$258,007 | 1,555 | \$250,566 | 59 | \$7,441 |
| 2017 | FEB | 1,828 | \$311,384 | 1,775 | \$299,238 | 53 | \$12,146 |
| 2017 | MAR | 2,381 | \$414,689 | 2,307 | \$390,642 | 74 | \$24,047 |
| 2017 | APR | 1,833 | \$355,444 | 1,789 | \$347,898 | 44 | \$7,546 |
| 2017 | MAY | 2,229 | \$351,786 | 2,179 | \$340,278 | 50 | \$11,508 |
| 2017 | JUN | 2,227 | \$398,375 | 2,180 | \$387,563 | 47 | \$10,812 |
| 2017 | JUL | 1,894 | \$328,776 | 1,846 | \$315,749 | 48 | \$13,027 |
| 2017 | AUG | 2,162 | \$386,002 | 2,114 | \$372,801 | 48 | \$13,201 |
| 2017 | SEP | 2,157 | \$401,416 | 2,104 | \$389,933 | 53 | \$11,483 |
| 2017 | OCT | 2,678 | \$442,415 | 2,614 | \$426,544 | 64 | \$15,871 |
| 2017 | NOV | 2,496 | \$423,295 | 2,437 | \$413,121 | 59 | \$10,174 |
| 2017 | DEC | 2,818 | \$446,774 | 2,737 | \$432,930 | 81 | \$13,844 |
| | Average | 2,232 | \$385,009 | 2,176 | \$372,539 | 56 | \$12,470 |

REGIONAL

Northeast Region (Thousands of Dollars)

| | DATE | TOTAL ORDERS | | METAL CUTTING MACHINES | | METAL FORMING & FABRICATING MACHINES | |
|------|---------|--------------|----------|------------------------|-----------|--------------------------------------|---------|
| | | Units | Value | Units | Value | Units | Value |
| 2016 | DEC | 520 | D | 514 | \$127,342 | 6 | D |
| 2017 | JAN | 326 | \$47,856 | 316 | \$46,756 | 10 | \$1,100 |
| 2017 | FEB | 376 | \$67,663 | 370 | \$66,054 | 6 | \$1,609 |
| 2017 | MAR | 424 | \$66,503 | 413 | \$65,356 | 11 | \$1,147 |
| 2017 | APR | 294 | \$51,802 | 283 | \$50,199 | 11 | \$1,603 |
| 2017 | MAY | 383 | \$58,915 | 377 | \$58,025 | 6 | \$890 |
| 2017 | JUN | 409 | D | 404 | \$58,876 | 5 | D |
| 2017 | JUL | 374 | \$68,728 | 368 | \$68,402 | 6 | \$326 |
| 2017 | AUG | 385 | \$66,178 | 373 | \$64,169 | 12 | \$2,009 |
| 2017 | SEP | 471 | \$72,170 | 463 | \$68,905 | 8 | \$3,265 |
| 2017 | OCT | 463 | \$68,293 | 447 | \$65,889 | 16 | \$2,404 |
| 2017 | NOV | 466 | \$67,244 | 459 | \$65,621 | 7 | \$1,623 |
| 2017 | DEC | 444 | \$70,349 | 431 | \$66,591 | 13 | \$3,758 |
| | Average | 410 | \$68,771 | 401 | \$67,091 | 9 | \$1,679 |

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Net New Orders for U.S. Consumption

DEC 2017

Southeast Region (Thousands of Dollars)

| DATE | TOTAL ORDERS | | METAL CUTTING MACHINES | | METAL FORMING & FABRICATING MACHINES | |
|----------|--------------|----------|------------------------|----------|--------------------------------------|----------|
| | Units | Value | Units | Value | Units | Value |
| 2016 DEC | 317 | \$46,070 | 315 | \$43,249 | 2 | \$2,821 |
| 2017 JAN | 195 | \$27,916 | 186 | \$27,443 | 9 | \$473 |
| 2017 FEB | 188 | \$29,985 | 179 | \$27,438 | 9 | \$2,547 |
| 2017 MAR | 325 | \$74,108 | 307 | \$57,963 | 18 | \$16,145 |
| 2017 APR | 230 | D | 223 | \$40,081 | 7 | D |
| 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 | 235 | \$48,387 | 230 | \$48,250 | 5 | \$137 |
| 2017 OCT | 331 | \$48,646 | 323 | \$42,846 | 8 | \$5,800 |
| 2017 NOV | 290 | \$47,393 | 283 | \$46,232 | 7 | \$1,161 |
| 2017 DEC | 328 | D | 321 | \$47,447 | 7 | D |
| Average | 262 | \$45,148 | 254 | \$42,021 | 7 | \$3,127 |

North Central-East Region (Thousands of Dollars)

| DATE | TOTAL ORDERS | | METAL CUTTING MACHINES | | METAL FORMING & FABRICATING MACHINES | |
|----------|--------------|-----------|------------------------|-----------|--------------------------------------|---------|
| | Units | Value | Units | Value | Units | Value |
| 2016 DEC | 641 | \$99,677 | 629 | \$96,971 | 12 | \$2,706 |
| 2017 JAN | 360 | \$64,690 | 332 | \$59,343 | 28 | \$5,347 |
| 2017 FEB | 444 | \$81,230 | 429 | \$76,476 | 15 | \$4,754 |
| 2017 MAR | 563 | \$97,263 | 541 | \$92,156 | 22 | \$5,107 |
| 2017 APR | 479 | D | 472 | \$85,204 | 7 | D |
| 2017 MAY | 531 | \$81,081 | 514 | \$78,223 | 17 | \$2,858 |
| 2017 JUN | 565 | \$116,837 | 551 | \$111,545 | 14 | \$5,292 |
| 2017 JUL | 467 | \$90,123 | 451 | \$81,613 | 16 | \$8,510 |
| 2017 AUG | 529 | \$96,006 | 519 | \$90,597 | 10 | \$5,409 |
| 2017 SEP | 487 | D | 478 | \$78,906 | 9 | D |
| 2017 OCT | 589 | \$121,385 | 572 | \$116,108 | 17 | \$5,277 |
| 2017 NOV | 599 | \$103,174 | 581 | \$98,932 | 18 | \$4,242 |
| 2017 DEC | 724 | \$102,962 | 699 | \$101,005 | 25 | \$1,957 |
| Average | 537 | \$94,010 | 521 | \$89,775 | 16 | \$4,235 |

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Net New Orders for U.S. Consumption

DEC 2017

North Central-West Region (Thousands of Dollars)

| DATE | TOTAL ORDERS | | METAL CUTTING MACHINES | | METAL FORMING & FABRICATING MACHINES | |
|----------|--------------|----------|------------------------|----------|--------------------------------------|---------|
| | Units | Value | Units | Value | Units | Value |
| 2016 DEC | 433 | \$76,880 | 417 | \$74,304 | 16 | \$2,576 |
| 2017 JAN | 266 | \$46,419 | 258 | \$46,121 | 8 | \$298 |
| 2017 FEB | 257 | \$49,069 | 244 | \$47,208 | 13 | \$1,861 |
| 2017 MAR | 385 | \$63,287 | 377 | \$62,887 | 8 | \$400 |
| 2017 APR | 309 | \$53,302 | 301 | \$51,874 | 8 | \$1,428 |
| 2017 MAY | 427 | \$84,072 | 420 | \$82,483 | 7 | \$1,589 |
| 2017 JUN | 369 | D | 366 | \$70,648 | 3 | D |
| 2017 JUL | 307 | \$55,041 | 296 | \$53,798 | 11 | \$1,243 |
| 2017 AUG | 364 | \$70,498 | 352 | \$66,008 | 12 | \$4,490 |
| 2017 SEP | 429 | D | 416 | \$99,136 | 13 | D |
| 2017 OCT | 500 | \$85,191 | 488 | \$83,959 | 12 | \$1,232 |
| 2017 NOV | 451 | \$93,507 | 434 | \$90,647 | 17 | \$2,860 |
| 2017 DEC | 518 | \$96,756 | 503 | \$94,930 | 15 | \$1,826 |
| Average | 386 | \$72,907 | 375 | \$71,077 | 11 | \$1,830 |

South Central Region (Thousands of Dollars)

| DATE | TOTAL ORDERS | | METAL CUTTING MACHINES | | METAL FORMING & FABRICATING MACHINES | |
|----------|--------------|----------|------------------------|----------|--------------------------------------|---------|
| | Units | Value | Units | Value | Units | Value |
| 2016 DEC | 233 | D | 227 | \$36,524 | 6 | D |
| 2017 JAN | 145 | D | 144 | \$21,193 | 1 | D |
| 2017 FEB | 201 | \$29,387 | 194 | \$28,479 | 7 | \$908 |
| 2017 MAR | 196 | D | 186 | \$35,483 | 10 | D |
| 2017 APR | 167 | D | 164 | \$42,021 | 3 | D |
| 2017 MAY | 210 | \$34,509 | 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 | 236 | D | 230 | \$47,482 | 6 | D |
| 2017 SEP | 186 | D | 177 | \$32,018 | 9 | D |
| 2017 OCT | 276 | D | 270 | \$42,991 | 6 | D |
| 2017 NOV | 209 | D | 205 | \$34,071 | 4 | D |
| 2017 DEC | 255 | D | 247 | \$42,889 | 8 | D |
| Average | 208 | \$35,296 | 201 | \$34,387 | 7 | \$909 |

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Net New Orders for U.S. Consumption

DEC 2017

West (Thousands of Dollars)

| DATE | TOTAL ORDERS | | METAL CUTTING MACHINES | | METAL FORMING & FABRICATING MACHINES | |
|----------|--------------|----------|------------------------|----------|--------------------------------------|---------|
| | Units | Value | Units | Value | Units | Value |
| 2016 DEC | 556 | D | 546 | \$97,359 | 10 | D |
| 2017 JAN | 322 | D | 319 | \$49,710 | 3 | D |
| 2017 FEB | 362 | D | 359 | \$53,583 | 3 | D |
| 2017 MAR | 488 | \$77,724 | 483 | \$76,797 | 5 | \$927 |
| 2017 APR | 354 | \$79,585 | 346 | \$78,519 | 8 | \$1,066 |
| 2017 MAY | 427 | D | 425 | \$56,072 | 2 | D |
| 2017 JUN | 398 | D | 395 | \$66,529 | 3 | D |
| 2017 JUL | 360 | D | 358 | \$51,036 | 2 | D |
| 2017 AUG | 418 | D | 413 | \$61,679 | 5 | D |
| 2017 SEP | 349 | D | 340 | \$62,718 | 9 | D |
| 2017 OCT | 519 | D | 514 | \$74,751 | 5 | D |
| 2017 NOV | 481 | D | 475 | \$77,618 | 6 | D |
| 2017 DEC | 549 | \$81,728 | 536 | \$80,068 | 13 | \$1,660 |
| Average | 429 | \$68,879 | 424 | \$68,188 | 6 | \$691 |

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