



CME Exchange Volume Comparison Report - Monthly

| | Open Outcry JAN 2018 | Open Outcry JAN 2017 | % CHG | ELEC JAN 2018 | ELEC JAN 2017 | % CHG | Open Outcry Y.T.D 2018 | Open Outcry Y.T.D 2017 | % CHG | ELEC Y.T.D 2018 | ELEC Y.T.D 2017 | % CHG |
|------------------------------|----------------------------|----------------------------|----------|------------------|------------------|--------|------------------------------|------------------------------|----------|--------------------|--------------------|----------|
| Interest Rate Futures | | | | | | | | | | | | |
| EURODOLLARS | 843,154 | 700,186 | 20.4% | 67,113,956 | 61,082,506 | 9.9% | 843,154 | 700,186 | 20.4% | 67,113,956 | 61,082,506 | 9.9% |
| 1-MONTH EURODOLLAR | 0 | 0 | 0.0% | 1,582 | 734 | 115.5% | 0 | 0 | 0.0% | 1,582 | 734 | 115.5% |
| Interest Rate Options | | | | | | | | | | | | |
| EURODOLLARS | 9,202,270 | 7,949,220 | 15.8% | 6,116,264 | 2,772,214 | 120.6% | 9,202,270 | 7,949,220 | 15.8% | 6,116,264 | 2,772,214 | 120.6% |
| EURO MIDCURVE | 11,754,629 | 10,483,880 | 12.1% | 7,757,952 | 3,663,289 | 111.8% | 11,754,629 | 10,483,880 | 12.1% | 7,757,952 | 3,663,289 | 111.8% |

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.



CME Exchange Volume Comparison Report - Monthly

| | Open Outcry JAN 2018 | Open Outcry JAN 2017 | % CHG | ELEC JAN 2018 | ELEC JAN 2017 | % CHG | Open Outcry Y.T.D 2018 | Open Outcry Y.T.D 2017 | % CHG | ELEC Y.T.D 2018 | ELEC Y.T.D 2017 | % CHG |
|-----------------------------|----------------------------|----------------------------|----------|------------------|------------------|----------|------------------------------|------------------------------|----------|--------------------|--------------------|----------|
| Equity Index Futures | | | | | | | | | | | | |
| E-MINI S&P500 | 0 | 0 | 0.0% | 28,668,598 | 28,554,984 | 0.4% | 0 | 0 | 0.0% | 28,668,598 | 28,554,984 | 0.4% |
| S&P 500 | 16,715 | 41,410 | -59.6% | 6,513 | 4,988 | 30.6% | 16,715 | 41,410 | -59.6% | 6,513 | 4,988 | 30.6% |
| E-MINI MIDCAP | 0 | 0 | 0.0% | 313,838 | 350,560 | -10.5% | 0 | 0 | 0.0% | 313,838 | 350,560 | -10.5% |
| S&P 500 GROWTH | 0 | 0 | 0.0% | 0 | 8 | -100.0% | 0 | 0 | 0.0% | 0 | 8 | -100.0% |
| S&P 500/VALUE | 0 | 0 | 0.0% | 4,235 | 6,369 | -33.5% | 0 | 0 | 0.0% | 4,235 | 6,369 | -33.5% |
| E-MINI RUSSELL 2000 | 0 | - | - | 2,217,551 | - | - | 0 | - | - | 2,217,551 | - | - |
| E-MINI RUSSELL 1000 | 0 | 0 | 0.0% | 10,008 | 583 | 1,616.6% | 0 | 0 | 0.0% | 10,008 | 583 | 1,616.6% |
| E-MINI NASDAQ 100 | 0 | 0 | 0.0% | 6,913,452 | 3,601,875 | 91.9% | 0 | 0 | 0.0% | 6,913,452 | 3,601,875 | 91.9% |
| NIKKEI 225 (\$) STOCK | 0 | 0 | 0.0% | 338,230 | 284,336 | 19.0% | 0 | 0 | 0.0% | 338,230 | 284,336 | 19.0% |
| NIKKEI 225 (YEN) STOCK | 0 | 0 | 0.0% | 857,093 | 1,096,953 | -21.9% | 0 | 0 | 0.0% | 857,093 | 1,096,953 | -21.9% |
| NASDAQ BIOTECH | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% |
| S&P ENERGY SECTOR | 0 | 0 | 0.0% | 12,707 | 8,937 | 42.2% | 0 | 0 | 0.0% | 12,707 | 8,937 | 42.2% |
| S&P FINANCIAL SECTOR | 0 | 0 | 0.0% | 12,928 | 9,118 | 41.8% | 0 | 0 | 0.0% | 12,928 | 9,118 | 41.8% |
| S&P TECHNOLOGY SECTOR | 0 | 0 | 0.0% | 9,232 | 3,299 | 179.8% | 0 | 0 | 0.0% | 9,232 | 3,299 | 179.8% |
| S&P CONSUMER DSCRTNRY S | 0 | 0 | 0.0% | 7,382 | 5,090 | 45.0% | 0 | 0 | 0.0% | 7,382 | 5,090 | 45.0% |
| S&P HEALTH CARE SECTOR | 0 | 0 | 0.0% | 5,978 | 8,567 | -30.2% | 0 | 0 | 0.0% | 5,978 | 8,567 | -30.2% |
| S&P MATERIALS SECTOR | 0 | 0 | 0.0% | 7,360 | 3,422 | 115.1% | 0 | 0 | 0.0% | 7,360 | 3,422 | 115.1% |
| S&P INDUSTRIAL SECTOR | 0 | 0 | 0.0% | 6,753 | 3,181 | 112.3% | 0 | 0 | 0.0% | 6,753 | 3,181 | 112.3% |
| S&P CONSUMER STAPLES SE | 0 | 0 | 0.0% | 4,762 | 4,087 | 16.5% | 0 | 0 | 0.0% | 4,762 | 4,087 | 16.5% |
| S&P UTILITIES SECTOR | 0 | 0 | 0.0% | 11,158 | 10,469 | 6.6% | 0 | 0 | 0.0% | 11,158 | 10,469 | 6.6% |
| IBOVESPA INDEX | 0 | 0 | 0.0% | 717 | 333 | 115.3% | 0 | 0 | 0.0% | 717 | 333 | 115.3% |
| E-MINI RUSSELL 1000 VALUE | 0 | 0 | 0.0% | 8,663 | 1,189 | 628.6% | 0 | 0 | 0.0% | 8,663 | 1,189 | 628.6% |
| FT-SE 100 | 0 | 0 | 0.0% | 1,176 | 333 | 253.2% | 0 | 0 | 0.0% | 1,176 | 333 | 253.2% |
| E-MINI RUSSELL 1000 GROWT | 0 | 0 | 0.0% | 4,951 | 296 | 1,572.6% | 0 | 0 | 0.0% | 4,951 | 296 | 1,572.6% |
| E-MINI S&P REAL ESTATE SEL | 0 | 0 | 0.0% | 1,588 | 280 | 467.1% | 0 | 0 | 0.0% | 1,588 | 280 | 467.1% |
| NIFTY 50 | 0 | 0 | 0.0% | 35,986 | 3,256 | 1,005.2% | 0 | 0 | 0.0% | 35,986 | 3,256 | 1,005.2% |
| E-mini FTSE China 50 | 0 | 0 | 0.0% | 1,318 | 2,239 | -41.1% | 0 | 0 | 0.0% | 1,318 | 2,239 | -41.1% |
| E-mini FTSE 100 (USD) | 0 | 0 | 0.0% | 1,198 | 24 | 4,891.7% | 0 | 0 | 0.0% | 1,198 | 24 | 4,891.7% |
| FTSE Emerging | 0 | 0 | 0.0% | 224 | 27 | 729.6% | 0 | 0 | 0.0% | 224 | 27 | 729.6% |
| BITCOIN FUTURES | 0 | - | - | 28,526 | - | - | 0 | - | - | 28,526 | - | - |

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.



CME Exchange Volume Comparison Report - Monthly

| | Open Outcry JAN 2018 | Open Outcry JAN 2017 | % CHG | ELEC JAN 2018 | ELEC JAN 2017 | % CHG | Open Outcry Y.T.D 2018 | Open Outcry Y.T.D 2017 | % CHG | ELEC Y.T.D 2018 | ELEC Y.T.D 2017 | % CHG |
|-----------------------------|----------------------------|----------------------------|----------|------------------|------------------|--------|------------------------------|------------------------------|----------|--------------------|--------------------|----------|
| Equity Index Options | | | | | | | | | | | | |
| E-MINI S&P500 | 0 | 0 | 0.0% | 5,459,098 | 2,977,563 | 83.3% | 0 | 0 | 0.0% | 5,459,098 | 2,977,563 | 83.3% |
| S&P 500 | 314,301 | 162,605 | 93.3% | 0 | 0 | 0.0% | 314,301 | 162,605 | 93.3% | 0 | 0 | 0.0% |
| E-MINI MIDCAP | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% |
| E-MINI RUSSELL 2000 | 0 | - | - | 7,385 | - | - | 0 | - | - | 7,385 | - | - |
| E-MINI NASDAQ 100 | 0 | 0 | 0.0% | 348,591 | 171,708 | 103.0% | 0 | 0 | 0.0% | 348,591 | 171,708 | 103.0% |
| EOM S&P 500 | 368,714 | 188,806 | 95.3% | 0 | 0 | 0.0% | 368,714 | 188,806 | 95.3% | 0 | 0 | 0.0% |
| EOM EMINI S&P | 0 | 0 | 0.0% | 3,187,905 | 1,757,626 | 81.4% | 0 | 0 | 0.0% | 3,187,905 | 1,757,626 | 81.4% |
| EOW1 S&P 500 | 119,378 | 59,544 | 100.5% | 0 | 0 | 0.0% | 119,378 | 59,544 | 100.5% | 0 | 0 | 0.0% |
| EOW1 EMINI S&P 500 | 0 | 0 | 0.0% | 1,411,990 | 1,033,745 | 36.6% | 0 | 0 | 0.0% | 1,411,990 | 1,033,745 | 36.6% |
| EOW2 S&P 500 | 236,629 | 137,504 | 72.1% | 0 | 0 | 0.0% | 236,629 | 137,504 | 72.1% | 0 | 0 | 0.0% |
| EOW2 EMINI S&P 500 | 0 | 0 | 0.0% | 1,266,196 | 1,174,548 | 7.8% | 0 | 0 | 0.0% | 1,266,196 | 1,174,548 | 7.8% |
| EOW4 EMINI S&P 500 | 0 | 0 | 0.0% | 1,410,975 | 1,053,374 | 33.9% | 0 | 0 | 0.0% | 1,410,975 | 1,053,374 | 33.9% |
| EOW3 EMINI S&P 500 | 0 | 0 | 0.0% | 4,999,518 | 3,981,913 | 25.6% | 0 | 0 | 0.0% | 4,999,518 | 3,981,913 | 25.6% |
| EOW3 S&P 500 | 777,727 | 372,183 | 109.0% | 0 | 0 | 0.0% | 777,727 | 372,183 | 109.0% | 0 | 0 | 0.0% |
| EOW2 E-MINI RUSSELL 2000 W | 0 | - | - | 3,420 | - | - | 0 | - | - | 3,420 | - | - |
| EOW1 E-MINI RUSSELL 2000 W | 0 | - | - | 1,852 | - | - | 0 | - | - | 1,852 | - | - |
| EOM E-MINI RUSSELL 2000 EN | 0 | - | - | 3,299 | - | - | 0 | - | - | 3,299 | - | - |
| EOW3 E-MINI RUSSELL 2000 W | 0 | - | - | 20,102 | - | - | 0 | - | - | 20,102 | - | - |
| EOW1 E-MINI RUSSELL 2000 W | 0 | - | - | 3,276 | - | - | 0 | - | - | 3,276 | - | - |
| EOW4 E-MINI RUSSELL 2000 W | 0 | - | - | 5,368 | - | - | 0 | - | - | 5,368 | - | - |
| FX Futures | | | | | | | | | | | | |
| AUSTRALIAN DOLLAR | 0 | 285 | -100.0% | 2,519,104 | 1,794,419 | 40.4% | 0 | 285 | -100.0% | 2,519,104 | 1,794,419 | 40.4% |
| BRITISH POUND | 0 | 0 | 0.0% | 2,921,698 | 2,483,962 | 17.6% | 0 | 0 | 0.0% | 2,921,698 | 2,483,962 | 17.6% |
| BRAZIL REAL | 0 | 0 | 0.0% | 81,083 | 34,756 | 133.3% | 0 | 0 | 0.0% | 81,083 | 34,756 | 133.3% |
| CANADIAN DOLLAR | 28 | 2 | 1,300.0% | 1,704,003 | 1,397,745 | 21.9% | 28 | 2 | 1,300.0% | 1,704,003 | 1,397,745 | 21.9% |
| E-MINI EURO FX | 0 | 0 | 0.0% | 143,500 | 88,123 | 62.8% | 0 | 0 | 0.0% | 143,500 | 88,123 | 62.8% |
| EURO FX | 56 | 43 | 30.2% | 6,068,133 | 4,302,919 | 41.0% | 56 | 43 | 30.2% | 6,068,133 | 4,302,919 | 41.0% |
| E-MINI JAPANESE YEN | 0 | 0 | 0.0% | 15,296 | 37,064 | -58.7% | 0 | 0 | 0.0% | 15,296 | 37,064 | -58.7% |
| JAPANESE YEN | 2 | 3,656 | -99.9% | 3,423,880 | 3,820,372 | -10.4% | 2 | 3,656 | -99.9% | 3,423,880 | 3,820,372 | -10.4% |
| MEXICAN PESO | 0 | 0 | 0.0% | 1,221,004 | 1,073,477 | 13.7% | 0 | 0 | 0.0% | 1,221,004 | 1,073,477 | 13.7% |
| NEW ZEALND DOLLAR | 0 | 0 | 0.0% | 759,432 | 531,834 | 42.8% | 0 | 0 | 0.0% | 759,432 | 531,834 | 42.8% |
| NKR/USD CROSS RATE | 0 | 0 | 0.0% | 2,676 | 754 | 254.9% | 0 | 0 | 0.0% | 2,676 | 754 | 254.9% |

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.



CME Exchange Volume Comparison Report - Monthly

| | Open Outcry JAN 2018 | Open Outcry JAN 2017 | % CHG | ELEC JAN 2018 | ELEC JAN 2017 | % CHG | Open Outcry Y.T.D 2018 | Open Outcry Y.T.D 2017 | % CHG | ELEC Y.T.D 2018 | ELEC Y.T.D 2017 | % CHG |
|-----------------------|----------------------------|----------------------------|----------|------------------|------------------|-----------|------------------------------|------------------------------|----------|--------------------|--------------------|-----------|
| FX Futures | | | | | | | | | | | | |
| RUSSIAN RUBLE | 0 | 0 | 0.0% | 24,579 | 23,493 | 4.6% | 0 | 0 | 0.0% | 24,579 | 23,493 | 4.6% |
| S.AFRICAN RAND | 0 | 0 | 0.0% | 38,562 | 27,505 | 40.2% | 0 | 0 | 0.0% | 38,562 | 27,505 | 40.2% |
| SWISS FRANC | 0 | 0 | 0.0% | 696,608 | 472,586 | 47.4% | 0 | 0 | 0.0% | 696,608 | 472,586 | 47.4% |
| AD/CD CROSS RATES | 0 | 0 | 0.0% | 5 | 5 | 0.0% | 0 | 0 | 0.0% | 5 | 5 | 0.0% |
| AD/JY CROSS RATES | 0 | 0 | 0.0% | 3,381 | 1,686 | 100.5% | 0 | 0 | 0.0% | 3,381 | 1,686 | 100.5% |
| AD/NE CROSS RATES | 0 | 0 | 0.0% | 69 | 10 | 590.0% | 0 | 0 | 0.0% | 69 | 10 | 590.0% |
| BP/JY CROSS RATES | 0 | 0 | 0.0% | 4,461 | 2,437 | 83.1% | 0 | 0 | 0.0% | 4,461 | 2,437 | 83.1% |
| BP/SF CROSS RATES | 0 | 0 | 0.0% | 248 | 0 | 0.0% | 0 | 0 | 0.0% | 248 | 0 | 0.0% |
| CD/JY CROSS RATES | 0 | 0 | 0.0% | 0 | 2 | -100.0% | 0 | 0 | 0.0% | 0 | 2 | -100.0% |
| EC/AD CROSS RATES | 0 | 0 | 0.0% | 961 | 341 | 181.8% | 0 | 0 | 0.0% | 961 | 341 | 181.8% |
| EC/CD CROSS RATES | 0 | 0 | 0.0% | 3,995 | 2,340 | 70.7% | 0 | 0 | 0.0% | 3,995 | 2,340 | 70.7% |
| EC/NOK CROSS RATES | 0 | 0 | 0.0% | 343 | 38 | 802.6% | 0 | 0 | 0.0% | 343 | 38 | 802.6% |
| EC/SEK CROSS RATES | 0 | 0 | 0.0% | 731 | 70 | 944.3% | 0 | 0 | 0.0% | 731 | 70 | 944.3% |
| EFX/BP CROSS RATES | 0 | 0 | 0.0% | 60,759 | 40,455 | 50.2% | 0 | 0 | 0.0% | 60,759 | 40,455 | 50.2% |
| EFX/JY CROSS RATES | 0 | 0 | 0.0% | 62,942 | 31,523 | 99.7% | 0 | 0 | 0.0% | 62,942 | 31,523 | 99.7% |
| EFX/SF CROSS RATES | 0 | 0 | 0.0% | 22,621 | 17,078 | 32.5% | 0 | 0 | 0.0% | 22,621 | 17,078 | 32.5% |
| SF/JY CROSS RATES | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% |
| SKR/USD CROSS RATES | 0 | 0 | 0.0% | 1,712 | 989 | 73.1% | 0 | 0 | 0.0% | 1,712 | 989 | 73.1% |
| HUNGARIAN FORINT (EC) | 0 | - | - | 0 | - | - | 0 | - | - | 0 | - | - |
| POLISH ZLOTY (US) | 0 | 0 | 0.0% | 195 | 188 | 3.7% | 0 | 0 | 0.0% | 195 | 188 | 3.7% |
| POLISH ZLOTY (EC) | 0 | 0 | 0.0% | 23 | 51 | -54.9% | 0 | 0 | 0.0% | 23 | 51 | -54.9% |
| SHEKEL | 0 | - | - | 0 | - | - | 0 | - | - | 0 | - | - |
| RMB USD | 0 | 0 | 0.0% | 13 | 52 | -75.0% | 0 | 0 | 0.0% | 13 | 52 | -75.0% |
| KOREAN WON | 0 | 0 | 0.0% | 560 | 2 | 27,900.0% | 0 | 0 | 0.0% | 560 | 2 | 27,900.0% |
| TURKISH LIRA | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% |
| E-MICRO EUR/USD | 0 | 0 | 0.0% | 449,742 | 322,706 | 39.4% | 0 | 0 | 0.0% | 449,742 | 322,706 | 39.4% |
| E-MICRO GBP/USD | 0 | 0 | 0.0% | 73,584 | 77,797 | -5.4% | 0 | 0 | 0.0% | 73,584 | 77,797 | -5.4% |
| E-MICRO USD/CAD | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% |
| E-MICRO USD/CHF | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% |
| E-MICRO USD/JPY | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% |
| E-MICRO AUD/USD | 0 | 0 | 0.0% | 118,461 | 79,185 | 49.6% | 0 | 0 | 0.0% | 118,461 | 79,185 | 49.6% |
| INDIAN RUPEE | 0 | 0 | 0.0% | 116,794 | 22,293 | 423.9% | 0 | 0 | 0.0% | 116,794 | 22,293 | 423.9% |
| USDZAR | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% |
| E-MICRO INR/USD | 0 | 0 | 0.0% | 3,456 | 2,646 | 30.6% | 0 | 0 | 0.0% | 3,456 | 2,646 | 30.6% |
| E-MICRO JPY/USD | 0 | 0 | 0.0% | 32,410 | 68,180 | -52.5% | 0 | 0 | 0.0% | 32,410 | 68,180 | -52.5% |

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.

CME Exchange Volume Comparison Report - Monthly

| | Open Outcry JAN 2018 | Open Outcry JAN 2017 | % CHG | ELEC JAN 2018 | ELEC JAN 2017 | % CHG | Open Outcry Y.T.D 2018 | Open Outcry Y.T.D 2017 | % CHG | ELEC Y.T.D 2018 | ELEC Y.T.D 2017 | % CHG |
|------------------------|----------------------------|----------------------------|----------|------------------|------------------|---------|------------------------------|------------------------------|----------|--------------------|--------------------|----------|
| FX Futures | | | | | | | | | | | | |
| CHINESE RENMINBI (CNH) | 0 | 0 | 0.0% | 1,566 | 2,070 | -24.3% | 0 | 0 | 0.0% | 1,566 | 2,070 | -24.3% |
| E-MICRO USD/CNH | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% |
| E-MICRO CAD/USD | 0 | 0 | 0.0% | 26,059 | 14,614 | 78.3% | 0 | 0 | 0.0% | 26,059 | 14,614 | 78.3% |
| BDI | 0 | 0 | 0.0% | 0 | 2,002 | -100.0% | 0 | 0 | 0.0% | 0 | 2,002 | -100.0% |
| E-MICRO CHF/USD | 0 | 0 | 0.0% | 1,607 | 886 | 81.4% | 0 | 0 | 0.0% | 1,607 | 886 | 81.4% |
| FX Options | | | | | | | | | | | | |
| AUSTRALIAN DOLLAR | 0 | 1,210 | -100.0% | 0 | 40,887 | -100.0% | 0 | 1,210 | -100.0% | 0 | 40,887 | -100.0% |
| BRITISH POUND | 0 | 88 | -100.0% | 0 | 82,579 | -100.0% | 0 | 88 | -100.0% | 0 | 82,579 | -100.0% |
| CANADIAN DOLLAR | 0 | 79 | -100.0% | 0 | 43,650 | -100.0% | 0 | 79 | -100.0% | 0 | 43,650 | -100.0% |
| EURO FX | 0 | 2,443 | -100.0% | 0 | 207,460 | -100.0% | 0 | 2,443 | -100.0% | 0 | 207,460 | -100.0% |
| JAPANESE YEN | 0 | 2,607 | -100.0% | 0 | 111,273 | -100.0% | 0 | 2,607 | -100.0% | 0 | 111,273 | -100.0% |
| MEXICAN PESO | 200 | 64 | 212.5% | 849 | 11,862 | -92.8% | 200 | 64 | 212.5% | 849 | 11,862 | -92.8% |
| RUSSIAN RUBLE | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% |
| SWISS FRANC | 0 | 0 | 0.0% | 0 | 1,302 | -100.0% | 0 | 0 | 0.0% | 0 | 1,302 | -100.0% |
| EFX/JY CROSS RATES | 0 | - | - | 0 | - | - | 0 | - | - | 0 | - | - |
| JAPANESE YEN (EU) | 0 | 0 | 0.0% | 0 | 89 | -100.0% | 0 | 0 | 0.0% | 0 | 89 | -100.0% |
| EURO FX (EU) | 0 | 0 | 0.0% | 11 | 55 | -80.0% | 0 | 0 | 0.0% | 11 | 55 | -80.0% |
| SWISS FRANC (EU) | 0 | - | - | 0 | - | - | 0 | - | - | 0 | - | - |
| CANADIAN DOLLAR (EU) | 0 | 0 | 0.0% | 12 | 18 | -33.3% | 0 | 0 | 0.0% | 12 | 18 | -33.3% |
| BRITISH POUND (EU) | 0 | 0 | 0.0% | 45 | 69 | -34.8% | 0 | 0 | 0.0% | 45 | 69 | -34.8% |
| AUSTRALIAN DLR (EU) | 0 | 0 | 0.0% | 0 | 2 | -100.0% | 0 | 0 | 0.0% | 0 | 2 | -100.0% |
| CHF/USD PQO 2pm Fix | 0 | 0 | 0.0% | 2,923 | 2,991 | -2.3% | 0 | 0 | 0.0% | 2,923 | 2,991 | -2.3% |
| GBP/USD PQO 2pm Fix | 317 | 0 | 0.0% | 306,857 | 133,383 | 130.1% | 317 | 0 | 0.0% | 306,857 | 133,383 | 130.1% |
| AUD/USD PQO 2pm Fix | 0 | 300 | -100.0% | 141,707 | 54,557 | 159.7% | 0 | 300 | -100.0% | 141,707 | 54,557 | 159.7% |
| EUR/USD PQO 2pm Fix | 1,738 | 1,796 | -3.2% | 1,108,194 | 328,211 | 237.6% | 1,738 | 1,796 | -3.2% | 1,108,194 | 328,211 | 237.6% |
| JPY/USD PQO 2pm Fix | 1,045 | 16,487 | -93.7% | 279,409 | 215,662 | 29.6% | 1,045 | 16,487 | -93.7% | 279,409 | 215,662 | 29.6% |
| CAD/USD PQO 2pm Fix | 850 | 0 | 0.0% | 189,461 | 79,525 | 138.2% | 850 | 0 | 0.0% | 189,461 | 79,525 | 138.2% |



CME Exchange Volume Comparison Report - Monthly

| | Open Outcry JAN 2018 | Open Outcry JAN 2017 | % CHG | ELEC JAN 2018 | ELEC JAN 2017 | % CHG | Open Outcry Y.T.D 2018 | Open Outcry Y.T.D 2017 | % CHG | ELEC Y.T.D 2018 | ELEC Y.T.D 2017 | % CHG |
|--|----------------------------|----------------------------|----------|------------------|------------------|---------|------------------------------|------------------------------|----------|--------------------|--------------------|----------|
| Commodities and Alternative Investments | | | | | | | | | | | | |
| Futures | | | | | | | | | | | | |
| LIVE CATTLE | 640 | 2,934 | -78.2% | 1,490,939 | 1,295,107 | 15.1% | 640 | 2,934 | -78.2% | 1,490,939 | 1,295,107 | 15.1% |
| FEEDER CATTLE | 5 | 93 | -94.6% | 253,035 | 202,816 | 24.8% | 5 | 93 | -94.6% | 253,035 | 202,816 | 24.8% |
| LEAN HOGS | 1,709 | 928 | 84.2% | 988,757 | 844,801 | 17.0% | 1,709 | 928 | 84.2% | 988,757 | 844,801 | 17.0% |
| LUMBER | 0 | 0 | 0.0% | 15,334 | 11,250 | 36.3% | 0 | 0 | 0.0% | 15,334 | 11,250 | 36.3% |
| MILK | 10 | 168 | -94.0% | 23,584 | 27,222 | -13.4% | 10 | 168 | -94.0% | 23,584 | 27,222 | -13.4% |
| MLK MID | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% |
| NFD MILK | 33 | 0 | 0.0% | 5,237 | 4,962 | 5.5% | 33 | 0 | 0.0% | 5,237 | 4,962 | 5.5% |
| BUTTER CS | 0 | 0 | 0.0% | 5,593 | 2,393 | 133.7% | 0 | 0 | 0.0% | 5,593 | 2,393 | 133.7% |
| CLASS IV MILK | 0 | 0 | 0.0% | 515 | 634 | -18.8% | 0 | 0 | 0.0% | 515 | 634 | -18.8% |
| DRY WHEY | 0 | 0 | 0.0% | 1,711 | 2,840 | -39.8% | 0 | 0 | 0.0% | 1,711 | 2,840 | -39.8% |
| GSCI EXCESS RETURN FUT | 0 | 0 | 0.0% | 0 | 6 | -100.0% | 0 | 0 | 0.0% | 0 | 6 | -100.0% |
| GOLDMAN SACHS | 0 | 0 | 0.0% | 30,710 | 36,731 | -16.4% | 0 | 0 | 0.0% | 30,710 | 36,731 | -16.4% |
| HDD WEATHER | 0 | 0 | 0.0% | 40 | 50 | -20.0% | 0 | 0 | 0.0% | 40 | 50 | -20.0% |
| CDD WEATHER | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% |
| HDD SEASONAL STRIP | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% |
| CDD SEASONAL STRIP | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% |
| HDD WEATHER EUROPEAN | 0 | 0 | 0.0% | 0 | 50 | -100.0% | 0 | 0 | 0.0% | 0 | 50 | -100.0% |
| HDD EURO SEASONAL STRIP | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% |
| CAT EURO SEASONAL STRIP | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% |
| HOUSING INDEX | 0 | 0 | 0.0% | 9 | 25 | -64.0% | 0 | 0 | 0.0% | 9 | 25 | -64.0% |
| USD CRUDE PALM OIL | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% |
| CASH-SETTLED CHEESE | 0 | 0 | 0.0% | 14,264 | 8,973 | 59.0% | 0 | 0 | 0.0% | 14,264 | 8,973 | 59.0% |
| MALAYSIAN PALM SWAP | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% |
| S&P GSCI ENHANCED ER SWA | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% |
| PALM OIL | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% |

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.

CME Exchange Volume Comparison Report - Monthly

| | Open Outcry JAN 2018 | Open Outcry JAN 2017 | % CHG | ELEC JAN 2018 | ELEC JAN 2017 | % CHG | Open Outcry Y.T.D 2018 | Open Outcry Y.T.D 2017 | % CHG | ELEC Y.T.D 2018 | ELEC Y.T.D 2017 | % CHG |
|--|----------------------------|----------------------------|----------|------------------|------------------|----------|------------------------------|------------------------------|----------|--------------------|--------------------|----------|
| Commodities and Alternative Investments | | | | | | | | | | | | |
| Options | | | | | | | | | | | | |
| LIVE CATTLE | 22,429 | 46,110 | -51.4% | 237,799 | 213,597 | 11.3% | 22,429 | 46,110 | -51.4% | 237,799 | 213,597 | 11.3% |
| FEEDER CATTLE | 3,072 | 2,567 | 19.7% | 34,414 | 26,323 | 30.7% | 3,072 | 2,567 | 19.7% | 34,414 | 26,323 | 30.7% |
| LEAN HOGS | 17,724 | 19,950 | -11.2% | 126,465 | 117,718 | 7.4% | 17,724 | 19,950 | -11.2% | 126,465 | 117,718 | 7.4% |
| LUMBER | 59 | 24 | 145.8% | 2,020 | 1,072 | 88.4% | 59 | 24 | 145.8% | 2,020 | 1,072 | 88.4% |
| MILK | 6,182 | 15,054 | -58.9% | 25,757 | 20,399 | 26.3% | 6,182 | 15,054 | -58.9% | 25,757 | 20,399 | 26.3% |
| MLK MID | 38 | 196 | -80.6% | 0 | 0 | 0.0% | 38 | 196 | -80.6% | 0 | 0 | 0.0% |
| NFD MILK | 1,160 | 1,369 | -15.3% | 2,558 | 3,570 | -28.3% | 1,160 | 1,369 | -15.3% | 2,558 | 3,570 | -28.3% |
| BUTTER CS | 838 | 1,661 | -49.5% | 1,421 | 451 | 215.1% | 838 | 1,661 | -49.5% | 1,421 | 451 | 215.1% |
| CLASS IV MILK | 66 | 476 | -86.1% | 882 | 486 | 81.5% | 66 | 476 | -86.1% | 882 | 486 | 81.5% |
| DRY WHEY | 477 | 655 | -27.2% | 395 | 6 | 6,483.3% | 477 | 655 | -27.2% | 395 | 6 | 6,483.3% |
| HDD WEATHER | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% |
| CDD WEATHER | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% |
| HDD SEASONAL STRIP | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% |
| CDD SEASONAL STRIP | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% |
| HDD WEATHER EUROPEAN | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% |
| HDD EURO SEASONAL STRIP | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% |
| HOUSING INDEX | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% |
| LV CATL CSO | 0 | 369 | -100.0% | 0 | 0 | 0.0% | 0 | 369 | -100.0% | 0 | 0 | 0.0% |
| CASH-SETTLED CHEESE | 5,241 | 3,576 | 46.6% | 12,963 | 4,703 | 175.6% | 5,241 | 3,576 | 46.6% | 12,963 | 4,703 | 175.6% |
| Foreign Exchange Futures | | | | | | | | | | | | |
| CHILEAN PESO | 0 | 0 | 0.0% | 3,380 | 67 | 4,944.8% | 0 | 0 | 0.0% | 3,380 | 67 | 4,944.8% |
| Foreign Exchange Options | | | | | | | | | | | | |
| AUD/USD PQO 2pm Fix | 0 | - | - | 181 | - | - | 0 | - | - | 181 | - | - |



CME Exchange Volume Comparison Report - Monthly

| | Open Outcry JAN 2018 | Open Outcry JAN 2017 | % CHG | ELEC JAN 2018 | ELEC JAN 2017 | % CHG | Open Outcry Y.T.D 2018 | Open Outcry Y.T.D 2017 | % CHG | ELEC Y.T.D 2018 | ELEC Y.T.D 2017 | % CHG |
|----------------------------------|----------------------------|----------------------------|--------------|--------------------|--------------------|--------------|------------------------------|------------------------------|--------------|--------------------|--------------------|--------------|
| TOTAL FUTURES GROUP | | | | | | | | | | | | |
| Interest Rate Futures | 843,154 | 700,186 | 20.4% | 67,115,538 | 61,083,240 | 9.9% | 843,154 | 700,186 | 20.4% | 67,115,538 | 61,083,240 | 9.9% |
| Equity Index Futures | 16,715 | 41,410 | -59.6% | 39,492,125 | 33,964,803 | 16.3% | 16,715 | 41,410 | -59.6% | 39,492,125 | 33,964,803 | 16.3% |
| FX Futures | 86 | 3,986 | -97.8% | 20,606,256 | 16,778,655 | 22.8% | 86 | 3,986 | -97.8% | 20,606,256 | 16,778,655 | 22.8% |
| Commodities and Alternative Inve | 2,397 | 4,123 | -41.9% | 2,829,728 | 2,437,860 | 16.1% | 2,397 | 4,123 | -41.9% | 2,829,728 | 2,437,860 | 16.1% |
| Foreign Exchange Futures | 0 | 0 | 0.0% | 3,380 | 67 | 4,944.8% | 0 | 0 | 0.0% | 3,380 | 67 | 4,944.8% |
| TOTAL FUTURES | 862,352 | 749,705 | 15.0% | 130,047,027 | 114,264,625 | 13.8% | 862,352 | 749,705 | 15.0% | 130,047,027 | 114,264,625 | 13.8% |
| TOTAL OPTIONS GROUP | | | | | | | | | | | | |
| Equity Index Options | 1,816,749 | 920,642 | 97.3% | 18,128,975 | 12,150,477 | 49.2% | 1,816,749 | 920,642 | 97.3% | 18,128,975 | 12,150,477 | 49.2% |
| Interest Rate Options | 20,956,899 | 18,433,100 | 13.7% | 13,874,216 | 6,435,503 | 115.6% | 20,956,899 | 18,433,100 | 13.7% | 13,874,216 | 6,435,503 | 115.6% |
| FX Options | 4,150 | 25,074 | -83.4% | 2,029,468 | 1,313,575 | 54.5% | 4,150 | 25,074 | -83.4% | 2,029,468 | 1,313,575 | 54.5% |
| Commodities and Alternative Inve | 57,286 | 92,007 | -37.7% | 444,674 | 388,325 | 14.5% | 57,286 | 92,007 | -37.7% | 444,674 | 388,325 | 14.5% |
| Foreign Exchange Options | 0 | - | - | 181 | - | - | 0 | - | - | 181 | - | - |
| TOTAL OPTIONS | 22,835,084 | 19,470,823 | 17.3% | 34,477,514 | 20,287,880 | 69.9% | 22,835,084 | 19,470,823 | 17.3% | 34,477,514 | 20,287,880 | 69.9% |
| TOTAL COMBINED | | | | | | | | | | | | |
| Interest Rate | 21,800,053 | 19,133,286 | 13.9% | 80,989,754 | 67,518,743 | 20.0% | 21,800,053 | 19,133,286 | 13.9% | 80,989,754 | 67,518,743 | 20.0% |
| Equity Index | 1,833,464 | 962,052 | 90.6% | 57,621,100 | 46,115,280 | 25.0% | 1,833,464 | 962,052 | 90.6% | 57,621,100 | 46,115,280 | 25.0% |
| FX | 4,236 | 29,060 | -85.4% | 22,635,724 | 18,092,230 | 25.1% | 4,236 | 29,060 | -85.4% | 22,635,724 | 18,092,230 | 25.1% |
| Commodities and Alternative Inve | 59,683 | 96,130 | -37.9% | 3,274,402 | 2,826,185 | 15.9% | 59,683 | 96,130 | -37.9% | 3,274,402 | 2,826,185 | 15.9% |
| Foreign Exchange | 0 | 0 | 0.0% | 3,561 | 67 | 5,214.9% | 0 | 0 | 0.0% | 3,561 | 67 | 5,214.9% |
| GRAND TOTAL | 23,697,436 | 20,220,528 | 17.2% | 164,524,541 | 134,552,505 | 22.3% | 23,697,436 | 20,220,528 | 17.2% | 164,524,541 | 134,552,505 | 22.3% |

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.