



CME Exchange Volume Report - Monthly

| | VOLUME MAY 2021 | VOLUME MAY 2020 | % CHG | VOIUME APR 2021 | % CHG | VOLUME Y.T.D 2021 | VOLUME Y.T.D 2020 | % CHG |
|------------------------------|--------------------|--------------------|---------|--------------------|-----------|----------------------|----------------------|---------|
| Interest Rate Futures | | | | | | | | |
| 1-MONTH EURODOLLAR | 0 | 108 | -100.0% | 0 | 0.0% | 0 | 462 | -100.0% |
| EURODOLLARS | 41,200,701 | 34,866,206 | 18.2% | 38,424,170 | 7.2% | 245,256,586 | 298,342,384 | -17.8% |
| SOFR | 2,311,250 | 647,159 | 257.1% | 2,342,470 | -1.3% | 11,457,336 | 4,738,346 | 141.8% |
| SONIA | 87,840 | 159,440 | -44.9% | 92,264 | -4.8% | 642,219 | 682,947 | -6.0% |
| TIIE | 50 | 0 | - | 0 | - | 50 | 0 | - |
| Interest Rate Options | | | | | | | | |
| EURODOLLARS | 4,024,162 | 11,203,296 | -64.1% | 3,297,709 | 22.0% | 22,085,633 | 154,734,627 | -85.7% |
| EURO MIDCURVE | 14,539,192 | 5,967,159 | 143.7% | 15,310,351 | -5.0% | 82,524,527 | 41,921,549 | 96.9% |
| SOFR | 1,600 | 295 | 442.4% | 10 | 15,900.0% | 4,380 | 797 | 449.6% |

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| Equity Index Futures | | | | | | | | |
| BITCOIN FUTURES | 838,343 | 171,369 | 389.2% | 196,060 | 327.6% | 1,856,041 | 879,856 | 110.9% |
| E-MINI COM SERVICES SELECT | 3,056 | 1,430 | 113.7% | 4,102 | -25.5% | 20,919 | 23,232 | -10.0% |
| E-mini FTSE 100 (USD) | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| E-mini FTSE China 50 | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| E-MINI MIDCAP | 213,736 | 224,250 | -4.7% | 193,589 | 10.4% | 1,229,043 | 1,938,828 | -36.6% |
| E-MINI NASDAQ 100 | 10,578,840 | 9,155,595 | 15.5% | 10,569,403 | 0.1% | 58,114,207 | 63,428,857 | -8.4% |
| E-MINI RUSSELL 1000 | 3,933 | 1,904 | 106.6% | 1,543 | 154.9% | 34,318 | 41,134 | -16.6% |
| E-MINI RUSSELL 1000 GROWTH | 3,807 | 1,122 | 239.3% | 1,481 | 157.1% | 22,132 | 27,677 | -20.0% |
| E-MINI RUSSELL 1000 VALUE | 8,446 | 3,397 | 148.6% | 11,633 | -27.4% | 115,586 | 40,835 | 183.1% |
| E-MINI RUSSELL 2000 | 3,540,402 | 4,067,293 | -13.0% | 3,579,612 | -1.1% | 20,725,739 | 22,047,786 | -6.0% |
| E-MINI S&P500 | 32,576,914 | 35,312,701 | -7.7% | 28,564,771 | 14.0% | 172,241,052 | 235,453,693 | -26.8% |
| E-MINI S&P500 ESG | 11,824 | 11,933 | -0.9% | 10,232 | 15.6% | 83,913 | 54,620 | 53.6% |
| E-MINI S&P REAL ESTATE SELE | 5,485 | 3,879 | 41.4% | 9,429 | -41.8% | 31,658 | 66,389 | -52.3% |
| ETHER FUTURES | 117,897 | 0 | - | 50,341 | 134.2% | 197,395 | 0 | - |
| FT-SE 100 | 4 | 0 | 0.0% | 0 | 0.0% | 8 | 0 | 0.0% |
| FTSE Emerging | 0 | 50 | -100.0% | 0 | 0.0% | 5 | 4,420 | -99.9% |
| IBOVESPA INDEX | 88 | 388 | -77.3% | 97 | -9.3% | 1,043 | 3,106 | -66.4% |
| MICRO E-MINI NASDAQ 100 | 20,783,449 | 13,122,727 | 58.4% | 18,490,117 | 12.4% | 105,899,406 | 58,897,221 | 79.8% |
| MICRO E-MINI RUSSELL 2000 | 2,939,895 | 2,250,246 | 30.6% | 2,807,886 | 4.7% | 17,134,486 | 9,007,132 | 90.2% |
| MICRO E-MINI S&P500 | 18,620,138 | 19,684,699 | -5.4% | 16,440,689 | 13.3% | 99,347,226 | 82,122,115 | 21.0% |
| NASDAQ-100 VOLATILITY | 22 | 0 | - | 8 | 175.0% | 32 | 0 | - |
| NASDAQ BIOTECH | 600 | 152 | 294.7% | 93 | 545.2% | 3,358 | 3,087 | 8.8% |
| Nearby BTIC+ | 0 | 0 | 0.0% | 50 | -100.0% | 104 | 1,177 | -91.2% |
| NIKKEI 225 (\$) STOCK | 101,586 | 109,851 | -7.5% | 98,978 | 2.6% | 646,701 | 1,219,039 | -46.9% |
| NIKKEI 225 (YEN) STOCK | 587,419 | 685,149 | -14.3% | 510,293 | 15.1% | 3,233,815 | 6,137,540 | -47.3% |
| S&P 500 | 64,074 | 95,692 | -33.0% | 136,050 | -52.9% | 622,411 | 811,281 | -23.3% |
| S&P 500 ANNUAL DIVIDEND IND | 51,409 | 36,179 | 42.1% | 91,653 | -43.9% | 314,234 | 348,302 | -9.8% |
| S&P 500/GI | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| S&P 500 QUARLY DIVIDEND IND | 60 | 3,059 | -98.0% | 300 | -80.0% | 6,957 | 6,182 | 12.5% |
| S&P 600 SMALLCAP EMINI | 0 | 759 | -100.0% | 0 | 0.0% | 0 | 1,326 | -100.0% |
| S&P CONSUMER DSCRTNRY SE | 9,538 | 3,020 | 215.8% | 4,409 | 116.3% | 64,839 | 48,411 | 33.9% |
| S&P CONSUMER STAPLES SECT | 14,565 | 14,772 | -1.4% | 15,679 | -7.1% | 124,706 | 115,614 | 7.9% |
| S&P ENERGY SECTOR | 36,592 | 15,880 | 130.4% | 24,743 | 47.9% | 233,612 | 137,939 | 69.4% |
| S&P FINANCIAL SECTOR | 26,022 | 11,488 | 126.5% | 20,126 | 29.3% | 302,011 | 145,018 | 108.3% |
| S&P HEALTH CARE SECTOR | 11,424 | 8,736 | 30.8% | 10,425 | 9.6% | 83,457 | 90,228 | -7.5% |
| S&P INDUSTRIAL SECTOR | 14,084 | 8,812 | 59.8% | 7,173 | 96.3% | 116,531 | 66,414 | 75.5% |
| S&P MATERIALS SECTOR | 8,822 | 4,982 | 77.1% | 4,865 | 81.3% | 56,467 | 42,871 | 31.7% |
| S&P TECHNOLOGY SECTOR | 11,095 | 6,550 | 69.4% | 7,475 | 48.4% | 70,907 | 77,582 | -8.6% |
| S&P UTILITIES SECTOR | 15,176 | 13,860 | 9.5% | 13,769 | 10.2% | 123,828 | 130,167 | -4.9% |
| S&P VALUE INDEX FUTURES | 0 | 0 | 0.0% | 0 | 0.0% | 380 | 0 | 0.0% |
| WATER INDEX FUTURES | 68 | 0 | - | 221 | -69.2% | 736 | 0 | - |
| YEN DENOMINATED TOPIX | 964 | 5,082 | -81.0% | 1,415 | -31.9% | 6,803 | 41,354 | -83.5% |



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| Equity Index Options | | | | | | | | |
| BITCOIN FUTURES | 1,627 | 5,986 | -72.8% | 1,673 | -2.7% | 7,925 | 7,754 | 2.2% |
| E-MINI NASDAQ 100 | 583,656 | 247,300 | 136.0% | 447,608 | 30.4% | 2,590,906 | 1,681,012 | 54.1% |
| E-MINI RUSSELL 2000 | 28,784 | 28,278 | 1.8% | 18,162 | 58.5% | 151,711 | 98,974 | 53.3% |
| E-MINI S&P500 | 6,440,219 | 5,992,928 | 7.5% | 4,390,217 | 46.7% | 28,336,594 | 42,195,150 | -32.8% |
| EOM E-MINI RUSSELL 2000 END | 18,104 | 12,780 | 41.7% | 18,506 | -2.2% | 105,264 | 42,929 | 145.2% |
| EOM EMINI S&P | 1,863,656 | 1,669,716 | 11.6% | 1,743,238 | 6.9% | 9,167,289 | 11,871,854 | -22.8% |
| EOM S&P 500 | 49,431 | 41,128 | 20.2% | 50,334 | -1.8% | 240,048 | 431,022 | -44.3% |
| EOW1 E-MINI RUSSELL 2000 WE | 11,350 | 2,560 | 343.4% | 5,939 | 91.1% | 46,085 | 26,924 | 71.2% |
| EOW1 EMINI S&P 500 | 1,318,055 | 533,087 | 147.2% | 456,349 | 188.8% | 4,720,811 | 5,579,537 | -15.4% |
| EOW1 S&P 500 | 40,930 | 17,200 | 138.0% | 14,750 | 177.5% | 157,010 | 237,631 | -33.9% |
| EOW2 E-MINI RUSSELL 2000 WE | 14,500 | 4,553 | 218.5% | 7,239 | 100.3% | 63,837 | 18,127 | 252.2% |
| EOW2 EMINI S&P 500 | 1,579,751 | 724,745 | 118.0% | 796,525 | 98.3% | 5,438,847 | 5,421,580 | 0.3% |
| EOW2 S&P 500 | 43,778 | 70,625 | -38.0% | 53,837 | -18.7% | 255,515 | 448,482 | -43.0% |
| EOW3 E-MINI RUSSELL 2000 WE | 25,655 | 11,701 | 119.3% | 22,186 | 15.6% | 135,035 | 103,564 | 30.4% |
| EOW3 EMINI S&P 500 | 2,302,144 | 1,909,672 | 20.6% | 2,071,740 | 11.1% | 10,421,957 | 13,810,884 | -24.5% |
| EOW3 S&P 500 | 44,371 | 51,827 | -14.4% | 46,934 | -5.5% | 202,185 | 455,729 | -55.6% |
| EOW4 E-MINI RUSSELL 2000 WE | 519 | 5,049 | -89.7% | 22,868 | -97.7% | 56,769 | 15,097 | 276.0% |
| EOW4 EMINI S&P 500 | 63,853 | 942,634 | -93.2% | 952,615 | -93.3% | 2,989,152 | 4,012,360 | -25.5% |
| MICRO E-MINI NASDAQ 100 | 51,437 | 0 | - | 31,937 | 61.1% | 138,730 | 0 | - |
| MICRO E-MINI S&P500 | 160,451 | 0 | - | 121,877 | 31.6% | 679,956 | 0 | - |
| S&P 500 | 177,107 | 65,872 | 168.9% | 87,643 | 102.1% | 762,266 | 876,961 | -13.1% |

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| FX Futures | | | | | | | | |
| AD/CD CROSS RATES | 84 | 115 | -27.0% | 20 | 320.0% | 128 | 160 | -20.0% |
| AD/JY CROSS RATES | 1,960 | 2,269 | -13.6% | 1,391 | 40.9% | 11,540 | 13,904 | -17.0% |
| AD/NE CROSS RATES | 117 | 96 | 21.9% | 153 | -23.5% | 901 | 2,122 | -57.5% |
| AUSTRALIAN DOLLAR | 1,747,343 | 1,732,882 | 0.8% | 1,738,854 | 0.5% | 10,556,717 | 10,894,854 | -3.1% |
| BP/JY CROSS RATES | 2,074 | 4,461 | -53.5% | 1,795 | 15.5% | 11,334 | 19,174 | -40.9% |
| BP/SF CROSS RATES | 489 | 285 | 71.6% | 820 | -40.4% | 4,167 | 2,392 | 74.2% |
| BRAZIL REAL | 251,533 | 170,733 | 47.3% | 231,667 | 8.6% | 1,239,437 | 1,070,148 | 15.8% |
| BRITISH POUND | 1,787,081 | 1,635,582 | 9.3% | 1,627,064 | 9.8% | 9,208,638 | 10,793,706 | -14.7% |
| CANADIAN DOLLAR | 1,427,350 | 1,118,712 | 27.6% | 1,502,562 | -5.0% | 7,907,687 | 8,360,097 | -5.4% |
| CD/JY CROSS RATES | 8 | 130 | -93.8% | 11 | -27.3% | 552 | 434 | 27.2% |
| CHINESE RENMINBI (CNH) | 17,103 | 16,062 | 6.5% | 9,491 | 80.2% | 76,057 | 93,829 | -18.9% |
| CZECK KORUNA (EC) | 0 | 0 | 0.0% | 0 | 0.0% | 2 | 14 | -85.7% |
| CZECK KORUNA (US) | 0 | 0 | - | 1 | -100.0% | 3 | 0 | - |
| EC/AD CROSS RATES | 2,313 | 2,947 | -21.5% | 2,510 | -7.8% | 22,380 | 34,257 | -34.7% |
| EC/CD CROSS RATES | 3,419 | 1,524 | 124.3% | 3,883 | -11.9% | 28,243 | 20,004 | 41.2% |
| EC/NOK CROSS RATES | 222 | 50 | 344.0% | 301 | -26.2% | 3,281 | 1,433 | 129.0% |
| EC/SEK CROSS RATES | 481 | 114 | 321.9% | 261 | 84.3% | 2,913 | 3,207 | -9.2% |
| EFX/BP CROSS RATES | 22,507 | 36,256 | -37.9% | 24,664 | -8.7% | 236,806 | 365,180 | -35.2% |
| EFX/JY CROSS RATES | 19,627 | 29,282 | -33.0% | 20,282 | -3.2% | 160,396 | 334,611 | -52.1% |
| EFX/SF CROSS RATES | 11,634 | 38,133 | -69.5% | 12,172 | -4.4% | 96,525 | 231,839 | -58.4% |
| E-MINI EURO FX | 96,782 | 131,896 | -26.6% | 91,207 | 6.1% | 665,175 | 711,503 | -6.5% |
| E-MINI JAPANESE YEN | 6,471 | 13,191 | -50.9% | 7,023 | -7.9% | 46,887 | 145,251 | -67.7% |
| EURO FX | 3,288,308 | 3,047,623 | 7.9% | 3,365,905 | -2.3% | 19,709,167 | 21,953,735 | -10.2% |
| HUNGARIAN FORINT (EC) | 0 | 8 | -100.0% | 0 | 0.0% | 0 | 8 | -100.0% |
| HUNGARIAN FORINT (US) | 11 | 4 | 175.0% | 1 | 1,000.0% | 72 | 102 | -29.4% |
| INDIAN RUPEE | 9,368 | 20,239 | -53.7% | 12,327 | -24.0% | 76,469 | 141,599 | -46.0% |
| JAPANESE YEN | 1,961,197 | 1,465,292 | 33.8% | 2,207,384 | -11.2% | 10,585,402 | 14,385,809 | -26.4% |
| KOREAN WON | 1,640 | 970 | 69.1% | 1,723 | -4.8% | 11,007 | 4,988 | 120.7% |
| MEXICAN PESO | 866,868 | 806,353 | 7.5% | 756,955 | 14.5% | 5,271,336 | 6,291,133 | -16.2% |
| MICRO AUD/USD | 183,154 | 260,096 | -29.6% | 198,181 | -7.6% | 1,177,672 | 1,088,312 | 8.2% |
| MICRO CAD/USD | 56,424 | 23,865 | 136.4% | 49,130 | 14.8% | 246,238 | 123,956 | 98.6% |
| MICRO CHF/USD | 7,890 | 1,832 | 330.7% | 6,733 | 17.2% | 46,594 | 16,972 | 174.5% |
| MICRO EUR/USD | 401,240 | 388,084 | 3.4% | 407,013 | -1.4% | 2,545,213 | 1,922,759 | 32.4% |
| MICRO GBP/USD | 67,459 | 65,290 | 3.3% | 69,348 | -2.7% | 347,990 | 257,962 | 34.9% |
| MICRO INR/USD | 1,659 | 1,557 | 6.6% | 2,094 | -20.8% | 10,909 | 12,974 | -15.9% |
| MICRO JPY/USD | 31,430 | 18,876 | 66.5% | 30,782 | 2.1% | 153,179 | 160,096 | -4.3% |
| MICRO USD/CNH | 13 | 0 | - | 3 | 333.3% | 20 | 0 | - |
| NEW ZEALND DOLLAR | 494,419 | 502,117 | -1.5% | 460,150 | 7.4% | 2,986,034 | 3,160,649 | -5.5% |
| NKR/USD CROSS RATE | 4,433 | 2,726 | 62.6% | 5,040 | -12.0% | 29,014 | 31,390 | -7.6% |
| POLISH ZLOTY (EC) | 24 | 1 | 2,300.0% | 47 | -48.9% | 586 | 168 | 248.8% |
| POLISH ZLOTY (US) | 174 | 344 | -49.4% | 380 | -54.2% | 4,507 | 3,207 | 40.5% |
| RMB USD | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 4 | -100.0% |
| RUSSIAN RUBLE | 56,344 | 84,873 | -33.6% | 83,722 | -32.7% | 445,027 | 588,302 | -24.4% |
| S.AFRICAN RAND | 48,442 | 69,630 | -30.4% | 34,143 | 41.9% | 257,692 | 374,041 | -31.1% |
| SF/JY CROSS RATES | 16 | 28 | -42.9% | 40 | -60.0% | 346 | 205 | 68.8% |
| SHEKEL | 1 | 0 | 0.0% | 1 | 0.0% | 12 | 110 | -89.1% |
| SKR/USD CROSS RATES | 4,363 | 2,504 | 74.2% | 4,557 | -4.3% | 25,820 | 22,229 | 16.2% |
| SWISS FRANC | 410,549 | 399,887 | 2.7% | 397,547 | 3.3% | 2,313,613 | 3,189,008 | -27.5% |
| TURKISH LIRA | 10 | 2,232 | -99.6% | 16 | -37.5% | 284 | 5,180 | -94.5% |
| USDZAR | 0 | 0 | 0.0% | 4 | -100.0% | 49 | 0 | 0.0% |

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| FX Options | | | | | | | | |
| AUD/USD MONDAY OPTION WEE | 497 | 874 | -43.1% | 657 | -24.4% | 2,436 | 1,951 | 24.9% |
| AUD/USD MONDAY OPTION WEE | 209 | 596 | -64.9% | 99 | 111.1% | 1,740 | 1,027 | 69.4% |
| AUD/USD MONDAY OPTION WEE | 103 | 397 | -74.1% | 204 | -49.5% | 1,945 | 806 | 141.3% |
| AUD/USD MONDAY OPTION WEE | 287 | 0 | 0.0% | 661 | -56.6% | 2,139 | 180 | 1,088.3% |
| AUD/USD MONDAY OPTION WEE | 0 | 0 | 0.0% | 0 | 0.0% | 23 | 103 | -77.7% |
| AUD/USD MONTHLY OPTIONS | 124,782 | 82,942 | 50.4% | 69,003 | 80.8% | 371,598 | 472,718 | -21.4% |
| AUD/USD WKLY FRIDAY OPTION | 0 | 138 | -100.0% | 136 | -100.0% | 958 | 3,153 | -69.6% |
| AUD/USD WKLY FRIDAY OPTION | 1,968 | 1,797 | 9.5% | 1,219 | 61.4% | 8,560 | 27,222 | -68.6% |
| AUD/USD WKLY FRIDAY OPTION | 3,496 | 3,856 | -9.3% | 1,831 | 90.9% | 13,616 | 22,858 | -40.4% |
| AUD/USD WKLY FRIDAY OPTION | 2,011 | 4,708 | -57.3% | 3,287 | -38.8% | 16,222 | 24,291 | -33.2% |
| AUD/USD WKLY FRIDAY OPTION | 0 | 5,083 | -100.0% | 1,482 | -100.0% | 3,069 | 10,847 | -71.7% |
| AUD/USD WKLY WED OPTIONS - | 2,465 | 2,432 | 1.4% | 1,077 | 128.9% | 6,549 | 8,706 | -24.8% |
| AUD/USD WKLY WED OPTIONS - | 767 | 2,596 | -70.5% | 517 | 48.4% | 3,961 | 8,367 | -52.7% |
| AUD/USD WKLY WED OPTIONS - | 210 | 869 | -75.8% | 133 | 57.9% | 2,332 | 6,070 | -61.6% |
| AUD/USD WKLY WED OPTIONS - | 1,074 | 1,487 | -27.8% | 541 | 98.5% | 5,572 | 9,380 | -40.6% |
| AUD/USD WKLY WED OPTIONS - | 0 | 0 | 0.0% | 0 | 0.0% | 564 | 3,619 | -84.4% |
| BRL/USD MONTHLY OPTIONS | 147 | 234 | -37.2% | 640 | -77.0% | 1,773 | 340 | 421.5% |
| CAD/USD MONDAY OPTIONS WE | 695 | 1,144 | -39.2% | 692 | 0.4% | 4,219 | 1,650 | 155.7% |
| CAD/USD MONDAY OPTIONS WE | 2,338 | 1 | 233,700.0% | 674 | 246.9% | 4,977 | 102 | 4,779.4% |
| CAD/USD MONDAY OPTIONS WE | 255 | 229 | 11.4% | 305 | -16.4% | 1,516 | 620 | 144.5% |
| CAD/USD MONDAY OPTIONS WE | 1,563 | 0 | 0.0% | 343 | 355.7% | 3,591 | 246 | 1,359.8% |
| CAD/USD MONDAY OPTIONS WE | 0 | 0 | 0.0% | 0 | 0.0% | 612 | 102 | 500.0% |
| CAD/USD MONTHLY OPTIONS | 70,463 | 49,505 | 42.3% | 60,786 | 15.9% | 281,729 | 272,728 | 3.3% |
| CAD/USD WKLY FRIDAY OPTION | 0 | 65 | -100.0% | 13 | -100.0% | 6,368 | 6,030 | 5.6% |
| CAD/USD WKLY FRIDAY OPTION | 7,432 | 1,641 | 352.9% | 1,257 | 491.2% | 19,202 | 30,541 | -37.1% |
| CAD/USD WKLY FRIDAY OPTION | 6,462 | 6,718 | -3.8% | 5,233 | 23.5% | 29,519 | 32,725 | -9.8% |
| CAD/USD WKLY FRIDAY OPTION | 5,792 | 7,678 | -24.6% | 5,908 | -2.0% | 33,829 | 36,719 | -7.9% |
| CAD/USD WKLY FRIDAY OPTION | 0 | 7,653 | -100.0% | 3,968 | -100.0% | 9,870 | 19,083 | -48.3% |
| CAD/USD WKLY WED OPTIONS - | 1,175 | 4,087 | -71.3% | 564 | 108.3% | 5,088 | 11,207 | -54.6% |
| CAD/USD WKLY WED OPTIONS - | 1,271 | 2,065 | -38.5% | 661 | 92.3% | 6,181 | 10,688 | -42.2% |
| CAD/USD WKLY WED OPTIONS - | 3,011 | 1,360 | 121.4% | 599 | 402.7% | 8,309 | 9,853 | -15.7% |
| CAD/USD WKLY WED OPTIONS - | 1,188 | 4,500 | -73.6% | 2,078 | -42.8% | 4,817 | 14,146 | -65.9% |
| CAD/USD WKLY WED OPTIONS - | 0 | 0 | 0.0% | 0 | 0.0% | 1,221 | 5,417 | -77.5% |
| CHF/USD MONTHLY OPTIONS | 6,491 | 2,837 | 128.8% | 7,136 | -9.0% | 23,849 | 18,695 | 27.6% |
| CHF/USD WKLY FRIDAY OPTION | 0 | 0 | 0.0% | 20 | -100.0% | 56 | 37 | 51.4% |
| CHF/USD WKLY FRIDAY OPTION | 786 | 172 | 357.0% | 18 | 4,266.7% | 1,458 | 831 | 75.5% |
| CHF/USD WKLY FRIDAY OPTION | 17 | 2 | 750.0% | 678 | -97.5% | 1,171 | 692 | 69.2% |
| CHF/USD WKLY FRIDAY OPTION | 24 | 227 | -89.4% | 420 | -94.3% | 1,901 | 742 | 156.2% |
| CHF/USD WKLY FRIDAY OPTION | 0 | 11 | -100.0% | 17 | -100.0% | 22 | 853 | -97.4% |
| EUR/GBP MONTHLY OPTIONS | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| EUR/GBP WKLY FRIDAY OPTION | 0 | 0 | - | 0 | 0.0% | 0 | 0 | - |
| EUR/USD MONDAY OPTION WEE | 624 | 1,212 | -48.5% | 1,693 | -63.1% | 6,744 | 3,207 | 110.3% |
| EUR/USD MONDAY OPTION WEE | 4,826 | 907 | 432.1% | 1,717 | 181.1% | 9,626 | 2,279 | 322.4% |
| EUR/USD MONDAY OPTION WEE | 2,457 | 1,184 | 107.5% | 572 | 329.5% | 3,691 | 3,262 | 13.2% |
| EUR/USD MONDAY OPTION WEE | 1,412 | 1,779 | -20.6% | 1,540 | -8.3% | 10,822 | 3,542 | 205.5% |
| EUR/USD MONDAY OPTION WEE | 0 | 0 | 0.0% | 0 | 0.0% | 1,587 | 1,609 | -1.4% |
| EUR/USD MONTHLY OPTIONS | 169,604 | 208,666 | -18.7% | 198,330 | -14.5% | 1,015,232 | 1,658,210 | -38.8% |
| EUR/USD WKLY FRIDAY OPTION | 0 | 491 | -100.0% | 200 | -100.0% | 11,898 | 11,073 | 7.5% |
| EUR/USD WKLY FRIDAY OPTION | 30,769 | 4,918 | 525.6% | 2,103 | 1,363.1% | 71,972 | 103,606 | -30.5% |
| EUR/USD WKLY FRIDAY OPTION | 17,781 | 17,153 | 3.7% | 17,337 | 2.6% | 98,822 | 112,951 | -12.5% |
| EUR/USD WKLY FRIDAY OPTION | 22,802 | 18,989 | 20.1% | 15,365 | 48.4% | 87,918 | 118,974 | -26.1% |

CME Exchange Volume Report - Monthly

| | VOLUME MAY 2021 | VOLUME MAY 2020 | % CHG | VOIUME APR 2021 | % CHG | VOLUME Y.T.D 2021 | VOLUME Y.T.D 2020 | % CHG |
|----------------------------|--------------------|--------------------|----------|--------------------|---------|----------------------|----------------------|----------|
| FX Options | | | | | | | | |
| EUR/USD WKLY FRIDAY OPTION | 0 | 18,680 | -100.0% | 17,252 | -100.0% | 33,497 | 41,957 | -20.2% |
| EUR/USD WKLY WED OPTIONS - | 7,612 | 8,747 | -13.0% | 10,956 | -30.5% | 33,668 | 46,715 | -27.9% |
| EUR/USD WKLY WED OPTIONS - | 7,178 | 5,380 | 33.4% | 6,190 | 16.0% | 35,814 | 43,564 | -17.8% |
| EUR/USD WKLY WED OPTIONS - | 4,999 | 4,420 | 13.1% | 10,597 | -52.8% | 37,675 | 38,392 | -1.9% |
| EUR/USD WKLY WED OPTIONS - | 6,683 | 4,829 | 38.4% | 8,451 | -20.9% | 41,820 | 38,786 | 7.8% |
| EUR/USD WKLY WED OPTIONS - | 0 | 0 | 0.0% | 0 | 0.0% | 5,639 | 14,285 | -60.5% |
| GBP/USD MONDAY OPTION WEE | 52 | 1,479 | -96.5% | 495 | -89.5% | 1,240 | 2,273 | -45.4% |
| GBP/USD MONDAY OPTION WEE | 2,521 | 872 | 189.1% | 1,305 | 93.2% | 4,202 | 1,339 | 213.8% |
| GBP/USD MONDAY OPTION WEE | 101 | 1,678 | -94.0% | 126 | -19.8% | 1,204 | 2,207 | -45.4% |
| GBP/USD MONDAY OPTION WEE | 50 | 1,633 | -96.9% | 0 | 0.0% | 1,042 | 2,555 | -59.2% |
| GBP/USD MONDAY OPTION WEE | 0 | 0 | 0.0% | 0 | 0.0% | 2,200 | 401 | 448.6% |
| GBP/USD MONTHLY OPTIONS | 79,955 | 65,388 | 22.3% | 62,784 | 27.3% | 378,540 | 459,050 | -17.5% |
| GBP/USD WKLY FRIDAY OPTION | 0 | 12 | -100.0% | 21 | -100.0% | 1,768 | 3,267 | -45.9% |
| GBP/USD WKLY FRIDAY OPTION | 3,255 | 3,211 | 1.4% | 1,335 | 143.8% | 11,738 | 19,415 | -39.5% |
| GBP/USD WKLY FRIDAY OPTION | 2,015 | 4,606 | -56.3% | 2,956 | -31.8% | 13,234 | 16,988 | -22.1% |
| GBP/USD WKLY FRIDAY OPTION | 3,719 | 4,705 | -21.0% | 2,625 | 41.7% | 16,646 | 22,399 | -25.7% |
| GBP/USD WKLY FRIDAY OPTION | 0 | 1,633 | -100.0% | 2,138 | -100.0% | 3,786 | 8,329 | -54.5% |
| GBP/USD WKLY WED OPTIONS - | 2,164 | 2,174 | -0.5% | 2,343 | -7.6% | 7,114 | 11,486 | -38.1% |
| GBP/USD WKLY WED OPTIONS - | 744 | 2,156 | -65.5% | 480 | 55.0% | 4,129 | 5,848 | -29.4% |
| GBP/USD WKLY WED OPTIONS - | 450 | 1,868 | -75.9% | 965 | -53.4% | 3,170 | 8,975 | -64.7% |
| GBP/USD WKLY WED OPTIONS - | 888 | 4,383 | -79.7% | 2,556 | -65.3% | 5,385 | 10,458 | -48.5% |
| GBP/USD WKLY WED OPTIONS - | 0 | 0 | 0.0% | 0 | 0.0% | 1,655 | 5,190 | -68.1% |
| JPY/USD MONDAY OPTION WEE | 346 | 211 | 64.0% | 276 | 25.4% | 1,983 | 2,479 | -20.0% |
| JPY/USD MONDAY OPTION WEE | 776 | 1,760 | -55.9% | 168 | 361.9% | 1,851 | 2,969 | -37.7% |
| JPY/USD MONDAY OPTION WEE | 241 | 552 | -56.3% | 108 | 123.1% | 1,078 | 1,592 | -32.3% |
| JPY/USD MONDAY OPTION WEE | 364 | 0 | 0.0% | 0 | 0.0% | 881 | 1,235 | -28.7% |
| JPY/USD MONDAY OPTION WEE | 0 | 0 | 0.0% | 0 | 0.0% | 313 | 152 | 105.9% |
| JPY/USD MONTHLY OPTIONS | 71,016 | 73,061 | -2.8% | 67,095 | 5.8% | 409,834 | 776,128 | -47.2% |
| JPY/USD WKLY FRIDAY OPTION | 0 | 5 | -100.0% | 3 | -100.0% | 8,167 | 6,089 | 34.1% |
| JPY/USD WKLY FRIDAY OPTION | 9,197 | 2,488 | 269.7% | 1,613 | 470.2% | 26,291 | 65,518 | -59.9% |
| JPY/USD WKLY FRIDAY OPTION | 5,878 | 11,518 | -49.0% | 6,216 | -5.4% | 44,342 | 77,109 | -42.5% |
| JPY/USD WKLY FRIDAY OPTION | 9,754 | 12,493 | -21.9% | 6,951 | 40.3% | 40,303 | 65,926 | -38.9% |
| JPY/USD WKLY FRIDAY OPTION | 0 | 9,449 | -100.0% | 8,219 | -100.0% | 16,475 | 25,863 | -36.3% |
| JPY/USD WKLY WED OPTIONS - | 2,025 | 3,602 | -43.8% | 3,210 | -36.9% | 11,591 | 31,974 | -63.7% |
| JPY/USD WKLY WED OPTIONS - | 3,126 | 1,766 | 77.0% | 3,024 | 3.4% | 14,325 | 23,525 | -39.1% |
| JPY/USD WKLY WED OPTIONS - | 3,448 | 2,792 | 23.5% | 2,489 | 38.5% | 14,675 | 29,895 | -50.9% |
| JPY/USD WKLY WED OPTIONS - | 2,936 | 4,384 | -33.0% | 2,443 | 20.2% | 13,628 | 34,083 | -60.0% |
| JPY/USD WKLY WED OPTIONS - | 0 | 0 | 0.0% | 0 | 0.0% | 4,493 | 7,594 | -40.8% |
| MXN/USD MONTHLY OPTIONS | 2,670 | 1,273 | 109.7% | 294 | 808.2% | 5,730 | 9,299 | -38.4% |
| MXN/USD WKLY FRIDAY OPTION | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| MXN/USD WKLY FRIDAY OPTION | 344 | 0 | 0.0% | 0 | 0.0% | 344 | 0 | 0.0% |
| MXN/USD WKLY FRIDAY OPTION | 59 | 1 | 5,800.0% | 0 | 0.0% | 59 | 2 | 2,850.0% |
| MXN/USD WKLY FRIDAY OPTION | 193 | 225 | -14.2% | 0 | 0.0% | 193 | 810 | -76.2% |
| MXN/USD WKLY FRIDAY OPTION | 0 | 93 | -100.0% | 0 | 0.0% | 0 | 143 | -100.0% |
| NZD/USD MONTHLY OPTIONS | 248 | 6 | 4,033.3% | 27 | 818.5% | 540 | 4,357 | -87.6% |
| NZD/USD WKLY FRIDAY OPTION | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 50 | -100.0% |
| NZD/USD WKLY FRIDAY OPTION | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| NZD/USD WKLY FRIDAY OPTION | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 375 | -100.0% |
| NZD/USD WKLY FRIDAY OPTION | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| RUB/USD MONTHLY OPTIONS | 0 | 0 | - | 0 | 0.0% | 68 | 0 | - |

CME Exchange Volume Report - Monthly

| | VOLUME MAY 2021 | VOLUME MAY 2020 | % CHG | VOIUME APR 2021 | % CHG | VOLUME Y.T.D 2021 | VOLUME Y.T.D 2020 | % CHG |
|---------------------------------|--------------------|--------------------|---------|--------------------|--------|----------------------|----------------------|---------|
| Foreign Exchange Futures | | | | | | | | |
| CHILEAN PESO | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| Foreign Exchange Options | | | | | | | | |
| AUD/USD WKLY WED OPTIONS - | 633 | 1,468 | -56.9% | 146 | 333.6% | 3,426 | 5,184 | -33.9% |
| Ag Products Futures | | | | | | | | |
| BUTTER CS | 4,452 | 4,214 | 5.6% | 3,847 | 15.7% | 22,719 | 35,701 | -36.4% |
| CASH-SETTLED CHEESE | 11,451 | 12,916 | -11.3% | 12,702 | -9.8% | 64,817 | 75,999 | -14.7% |
| CAT ASIA WEATHER | 0 | 3,900 | -100.0% | 0 | 0.0% | 1,200 | 7,800 | -84.6% |
| CATTLE | 1,179,212 | 1,498,959 | -21.3% | 1,143,144 | 3.2% | 6,123,534 | 7,958,787 | -23.1% |
| CAT WEATHER EUROPEAN | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| CDD SEASONAL STRIP | 2,175 | 0 | 0.0% | 550 | 295.5% | 5,225 | 750 | 596.7% |
| CDD WEATHER | 3,100 | 950 | 226.3% | 1,850 | 67.6% | 5,125 | 5,150 | -0.5% |
| CLASS IV MILK | 969 | 1,960 | -50.6% | 819 | 18.3% | 3,506 | 18,865 | -81.4% |
| DRY WHEY | 2,802 | 990 | 183.0% | 3,090 | -9.3% | 12,577 | 8,056 | 56.1% |
| FEEDER CATTLE | 201,385 | 181,226 | 11.1% | 286,614 | -29.7% | 1,206,213 | 1,443,959 | -16.5% |
| GOLDMAN SACHS | 9,445 | 14,026 | -32.7% | 9,469 | -0.3% | 59,938 | 88,960 | -32.6% |
| GSCI EXCESS RETURN FUT | 5,042 | 6,535 | -22.8% | 4,290 | 17.5% | 136,578 | 98,589 | 38.5% |
| HDD EURO SEASONAL STRIP | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| HDD SEASONAL STRIP | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| HDD WEATHER | 0 | 0 | 0.0% | 0 | 0.0% | 11,350 | 6,825 | 66.3% |
| HDD WEATHER EUROPEAN | 0 | 0 | 0.0% | 0 | 0.0% | 1,600 | 1,000 | 60.0% |
| HOGS | 1,044,171 | 995,647 | 4.9% | 868,603 | 20.2% | 4,736,953 | 5,903,011 | -19.8% |
| HOUSING INDEX | 11 | 12 | -8.3% | 21 | -47.6% | 62 | 195 | -68.2% |
| LUMBER | 12,761 | 7,448 | 71.3% | 12,051 | 5.9% | 51,276 | 62,647 | -18.2% |
| MALAYSIAN PALM SWAP | 6,820 | 2,380 | 186.6% | 7,120 | -4.2% | 36,976 | 15,410 | 139.9% |
| MILK | 22,622 | 38,908 | -41.9% | 24,751 | -8.6% | 120,602 | 175,164 | -31.1% |
| MLK MID OPTIONS | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| NFD MILK | 5,584 | 5,992 | -6.8% | 5,445 | 2.6% | 31,405 | 53,549 | -41.4% |
| PACIFIC RIM DAT SS WTHR | 0 | 1,300 | -100.0% | 0 | 0.0% | 0 | 1,300 | -100.0% |
| PORK CUTOUT | 1,962 | 0 | - | 1,919 | 2.2% | 17,650 | 0 | - |
| S&P GSCI ENHANCED ER SWAP | 0 | 0 | 0.0% | 0 | 0.0% | 2,002 | 7,524 | -73.4% |
| USD CRUDE PALM OIL | 4,798 | 1,908 | 151.5% | 3,464 | 38.5% | 24,416 | 14,995 | 62.8% |



CME Exchange Volume Report - Monthly

| | VOLUME MAY 2021 | VOLUME MAY 2020 | % CHG | VOIUME APR 2021 | % CHG | VOLUME Y.T.D 2021 | VOLUME Y.T.D 2020 | % CHG |
|----------------------------|--------------------|--------------------|--------|--------------------|--------|----------------------|----------------------|--------|
| Ag Products Options | | | | | | | | |
| BUTTER CS | 1,113 | 3,897 | -71.4% | 3,114 | -64.3% | 12,676 | 21,219 | -40.3% |
| CASH-SETTLED CHEESE | 5,891 | 9,785 | -39.8% | 6,281 | -6.2% | 43,971 | 65,250 | -32.6% |
| CATTLE | 162,340 | 275,175 | -41.0% | 211,361 | -23.2% | 970,153 | 1,396,698 | -30.5% |
| CAT WEATHER EUROPEAN | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| CDD SEASONAL STRIP | 750 | 0 | 0.0% | 2,200 | -65.9% | 4,950 | 2,000 | 147.5% |
| CDD WEATHER | 500 | 0 | - | 0 | 0.0% | 2,750 | 0 | - |
| CLASS IV MILK | 3,353 | 3,606 | -7.0% | 3,306 | 1.4% | 15,558 | 34,762 | -55.2% |
| DRY WHEY | 184 | 613 | -70.0% | 744 | -75.3% | 1,418 | 3,306 | -57.1% |
| FEEDER CATTLE | 23,787 | 23,128 | 2.8% | 27,214 | -12.6% | 108,627 | 157,225 | -30.9% |
| HDD EURO SEASONAL STRIP | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| HDD SEASONAL STRIP | 0 | 0 | 0.0% | 0 | 0.0% | 5,000 | 0 | 0.0% |
| HDD WEATHER | 0 | 0 | 0.0% | 0 | 0.0% | 6,250 | 0 | 0.0% |
| HDD WEATHER EUROPEAN | 0 | 0 | - | 0 | 0.0% | 1,250 | 0 | - |
| HOGS | 211,598 | 222,630 | -5.0% | 158,297 | 33.7% | 932,413 | 1,596,637 | -41.6% |
| HOUSING INDEX | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| LUMBER | 1,074 | 249 | 331.3% | 913 | 17.6% | 4,256 | 5,004 | -14.9% |
| LV CATL CSO | 0 | 0 | 0.0% | 0 | 0.0% | 0 | 0 | 0.0% |
| MILK | 16,051 | 60,498 | -73.5% | 25,424 | -36.9% | 134,620 | 253,267 | -46.8% |
| MLK MID OPTIONS | 2 | 4 | -50.0% | 6 | -66.7% | 11 | 48 | -77.1% |
| NFD MILK | 5,238 | 3,609 | 45.1% | 4,396 | 19.2% | 23,013 | 53,977 | -57.4% |
| PORK CUTOUT | 88 | 0 | - | 76 | 15.8% | 718 | 0 | - |



CME Exchange Volume Report - Monthly

| | VOLUME MAY 2021 | VOLUME MAY 2020 | % CHG | VOIUME APR 2021 | % CHG | VOLUME Y.T.D 2021 | VOLUME Y.T.D 2020 | % CHG |
|----------------------------|--------------------|--------------------|--------------|--------------------|--------------|----------------------|----------------------|---------------|
| TOTAL FUTURES GROUP | | | | | | | | |
| Interest Rate Futures | 43,599,841 | 35,672,913 | 22.2% | 40,858,904 | 6.7% | 257,356,191 | 303,764,139 | -15.3% |
| Equity Index Futures | 91,199,777 | 85,037,006 | 7.2% | 81,878,710 | 11.4% | 483,066,066 | 483,460,433 | -0.1% |
| FX Futures | 13,294,034 | 12,099,151 | 9.9% | 13,369,358 | -0.6% | 76,524,021 | 86,833,017 | -11.9% |
| Foreign Exchange Futures | 0 | 0 | 0.0% | 0 | - | 0 | 0 | 0.0% |
| Ag Products Futures | 2,518,762 | 2,779,271 | -9.4% | 2,389,749 | 5.4% | 12,675,724 | 15,984,236 | -20.7% |
| TOTAL FUTURES | 150,612,414 | 135,588,341 | 11.1% | 138,496,721 | 8.7% | 829,622,002 | 890,041,825 | -6.8% |
| TOTAL OPTIONS GROUP | | | | | | | | |
| Equity Index Options | 14,819,378 | 12,337,641 | 20.1% | 11,362,177 | 30.4% | 66,667,892 | 87,335,571 | -23.7% |
| Interest Rate Options | 18,564,954 | 17,170,750 | 8.1% | 18,608,070 | -0.2% | 104,614,540 | 196,656,973 | -46.8% |
| FX Options | 732,261 | 716,736 | 2.2% | 647,425 | 13.1% | 3,473,204 | 5,065,104 | -31.4% |
| Ag Products Options | 431,969 | 603,194 | -28.4% | 443,332 | -2.6% | 2,267,634 | 3,589,393 | -36.8% |
| Foreign Exchange Options | 633 | 1,468 | -56.9% | 146 | 333.6% | 3,426 | 5,184 | -33.9% |
| TOTAL OPTIONS | 34,549,195 | 30,829,789 | 12.1% | 31,061,150 | 11.2% | 177,026,696 | 292,652,225 | -39.5% |
| TOTAL COMBINED | | | | | | | | |
| Interest Rate | 62,164,795 | 52,843,663 | 17.6% | 59,466,974 | 4.5% | 361,970,731 | 500,421,112 | -27.7% |
| Equity Index | 106,019,155 | 97,374,647 | 8.9% | 93,240,887 | 13.7% | 549,733,958 | 570,796,004 | -3.7% |
| FX | 14,026,295 | 12,815,887 | 9.4% | 14,016,783 | 0.1% | 79,997,225 | 91,898,121 | -13.0% |
| Foreign Exchange | 633 | 1,468 | -56.9% | 146 | 333.6% | 3,426 | 5,184 | -33.9% |
| Ag Products | 2,950,731 | 3,382,465 | -12.8% | 2,833,081 | 4.2% | 14,943,358 | 19,573,629 | -23.7% |
| GRAND TOTAL | 185,161,609 | 166,418,130 | 11.3% | 169,557,871 | 9.2% | 1,006,648,698 | 1,182,694,050 | -14.9% |

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