

CME Exchange Volume Comparison Report - Monthly

| | Open Outcry SEP 2022 | Open Outcry SEP 2021 | % CHG | ELEC SEP 2022 | ELEC SEP 2021 | % CHG | Open Outcry Y.T.D 2022 | Open Outcry Y.T.D 2021 | % CHG | ELEC Y.T.D 2022 | ELEC Y.T.D 2021 | % CHG |
|------------------------------|----------------------------|----------------------------|--------------|------------------|------------------|----------|------------------------------|------------------------------|------------|--------------------|--------------------|--------------|
| Interest Rate Futures | | | | | | | | | | | | |
| 1-MONTH EURODOLLAR | 0 | 0 | 0.0% | 8 | 0 | 0.0% | 0 | 0 | 0.0% | 289 | 0 | 0.0% |
| BSBY 3-MONTH FUTURES | 0 | 0 | 0.0% | 22,242 | 139,734 | -84.1% | 0 | 0 | 0.0% | 513,723 | 141,687 | 262.6% |
| EURODOLLARS | 809,604 | 467,695 | 73.1% | 26,337,559 | 42,902,202 | -38.6% | 6,831,929 | 3,809,391 | 79.3% | 339,361,109 | 428,287,886 | -20.8% |
| SOFR | 408,389 | 0 | 0.0% | 53,523,997 | 2,840,199 | 1,784.5% | 794,234 | 0 | 0.0% | 305,889,897 | 21,704,653 | 1,309.3% |
| SONIA | 0 | 0 | 0.0% | 0 | 20,755 | -100.0% | 0 | 0 | 0.0% | 1,293 | 779,024 | -99.8% |
| TIIE | 0 | 0 | 0.0% | 124 | 292 | -57.5% | 0 | 0 | 0.0% | 881 | 739 | 19.2% |
| Interest Rate Options | | | | | | | | | | | | |
| EURODOLLARS | 5,588,862 | 2,219,835 | 151.8% | 4,546,835 | 1,423,607 | 219.4% | 71,231,828 | 22,522,226 | 216.3% | 32,790,851 | 11,872,111 | 176.2% |
| EURO MIDCURVE | 1,497,258 | 9,140,071 | -83.6% | 899,079 | 4,197,461 | -78.6% | 40,250,077 | 94,030,658 | -57.2% | 20,885,158 | 46,290,600 | -54.9% |
| SOFR | 8,989,587 | 310 | 2,899,766.8% | 2,644,891 | 0 | 0.0% | 26,480,285 | 7,310 | 362,147.4% | 9,757,940 | 1,342 | 727,019.2% |
| SOFR MIDCURVE | 2,985,624 | 0 | 0.0% | 921,569 | 0 | 0.0% | 8,289,961 | 0 | 0.0% | 3,021,885 | 60 | 5,036,375.0% |
| Equity Index Futures | | | | | | | | | | | | |
| BITCOIN | 0 | 0 | 0.0% | 263,861 | 159,315 | 65.6% | 0 | 0 | 0.0% | 1,863,007 | 1,880,419 | -0.9% |
| E-mini FTSE China 50 | 0 | 0 | 0.0% | 101 | 174 | -42.0% | 0 | 0 | 0.0% | 7,006 | 521 | 1,244.7% |
| E-MINI MIDCAP | 0 | 0 | 0.0% | 426,371 | 367,825 | 15.9% | 0 | 0 | 0.0% | 3,034,429 | 2,316,238 | 31.0% |
| E-MINI NASDAQ 100 | 0 | 0 | 0.0% | 17,618,900 | 13,262,873 | 32.8% | 0 | 0 | 0.0% | 133,000,014 | 102,486,243 | 29.8% |
| E-MINI RUSSELL 1000 | 0 | 0 | 0.0% | 5,558 | 9,489 | -41.4% | 0 | 0 | 0.0% | 28,656 | 40,630 | -29.5% |
| E-MINI RUSSELL 1000 GROWT | 0 | 0 | 0.0% | 8,336 | 8,399 | -0.8% | 0 | 0 | 0.0% | 43,895 | 29,187 | 50.4% |
| E-MINI RUSSELL 1000 VALUE | 0 | 0 | 0.0% | 14,448 | 14,667 | -1.5% | 0 | 0 | 0.0% | 76,420 | 74,996 | 1.9% |
| E-MINI RUSSELL 2000 | 0 | 0 | 0.0% | 6,431,639 | 5,196,403 | 23.8% | 0 | 0 | 0.0% | 45,457,791 | 37,147,925 | 22.4% |
| E-MINI S&P500 | 0 | 0 | 0.0% | 59,405,939 | 41,675,276 | 42.5% | 0 | 0 | 0.0% | 373,708,706 | 298,792,739 | 25.1% |
| E-MINI S&P500 ESG | 0 | 0 | 0.0% | 41,404 | 22,742 | 82.1% | 0 | 0 | 0.0% | 234,234 | 120,342 | 94.6% |
| ETHER | 0 | - | - | 5 | - | - | 0 | - | - | 7 | - | - |
| ETHER FUTURES | 0 | 0 | 0.0% | 161,276 | 130,506 | 23.6% | 0 | 0 | 0.0% | 1,189,864 | 560,335 | 112.3% |
| FT-SE 100 | 0 | 0 | 0.0% | 75 | 10 | 650.0% | 0 | 0 | 0.0% | 1,379 | 201 | 586.1% |
| FTSE Emerging | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 5 | -100.0% |
| IBOVESPA INDEX | 0 | 0 | 0.0% | 54 | 215 | -74.9% | 0 | 0 | 0.0% | 529 | 1,854 | -71.5% |
| MICRO BITCOIN | 0 | 0 | 0.0% | 235,507 | 434,043 | -45.7% | 0 | 0 | 0.0% | 3,001,989 | 2,157,399 | 39.1% |
| MICRO E-MINI NASDAQ 100 | 0 | 0 | 0.0% | 33,070,474 | 19,222,879 | 72.0% | 0 | 0 | 0.0% | 284,153,757 | 173,589,950 | 63.7% |
| MICRO E-MINI RUSSELL 2000 | 0 | 0 | 0.0% | 2,445,573 | 3,566,315 | -31.4% | 0 | 0 | 0.0% | 25,923,270 | 28,397,966 | -8.7% |
| MICRO E-MINI S&P500 | 0 | 0 | 0.0% | 35,111,542 | 19,180,797 | 83.1% | 0 | 0 | 0.0% | 257,412,228 | 160,724,114 | 60.2% |
| MICRO ETHER | 0 | - | - | 498,477 | - | - | 0 | - | - | 3,921,411 | - | - |
| NASDAQ-100 VOLATILITY | 0 | 0 | 0.0% | 20 | 33 | -39.4% | 0 | 0 | 0.0% | 18,449 | 95 | 19,320.0% |

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|-----------------------------|----------------------------|----------------------------|----------|------------------|------------------|----------|------------------------------|------------------------------|----------|--------------------|--------------------|----------|
| Equity Index Futures | | | | | | | | | | | | |
| NASDAQ BIOTECH SECTOR | 0 | 0 | 0.0% | 589 | 850 | -30.7% | 0 | 0 | 0.0% | 1,958 | 5,483 | -64.3% |
| Nearby BTIC+ | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 4,450 | 356 | 1,150.0% |
| NIKKEI 225 (\$) STOCK | 0 | 0 | 0.0% | 137,941 | 215,279 | -35.9% | 0 | 0 | 0.0% | 1,072,915 | 1,182,531 | -9.3% |
| NIKKEI 225 (YEN) STOCK | 0 | 0 | 0.0% | 865,701 | 932,062 | -7.1% | 0 | 0 | 0.0% | 7,154,702 | 5,910,751 | 21.0% |
| PHLX SEMICONDUCTOR SECT | 0 | - | - | 608 | - | - | 0 | - | - | 634 | - | - |
| S&P 500 | 0 | 0 | 0.0% | 18 | 66 | -72.7% | 0 | 0 | 0.0% | 1,843 | 12,585 | -85.4% |
| S&P 500 ANNUAL DIVIDEND IN | 0 | 0 | 0.0% | 22,805 | 9,474 | 140.7% | 0 | 0 | 0.0% | 256,618 | 123,554 | 107.7% |
| S&P 500/GI | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% |
| S&P 500 QUARLY DIVIDEND IN | 0 | 0 | 0.0% | 3,552 | 40 | 8,780.0% | 0 | 0 | 0.0% | 15,339 | 764 | 1,907.7% |
| S&P 600 SMALLCAP EMINI | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% |
| S&P BIOTECHNOLOGY SECTO | 0 | - | - | 1,400 | - | - | 0 | - | - | 7,207 | - | - |
| S&P COMMUNICATION SERVIC | 0 | 0 | 0.0% | 6,556 | 6,012 | 9.0% | 0 | 0 | 0.0% | 31,556 | 26,378 | 19.6% |
| S&P CONSUMER DISCRETION | 0 | 0 | 0.0% | 11,893 | 12,777 | -6.9% | 0 | 0 | 0.0% | 65,247 | 87,423 | -25.4% |
| S&P CONSUMER STAPLES SE | 0 | 0 | 0.0% | 36,401 | 34,215 | 6.4% | 0 | 0 | 0.0% | 159,903 | 162,552 | -1.6% |
| S&P ENERGY SECTOR | 0 | 0 | 0.0% | 74,082 | 47,780 | 55.0% | 0 | 0 | 0.0% | 425,494 | 257,658 | 65.1% |
| S&P FINANCIAL SECTOR | 0 | 0 | 0.0% | 43,286 | 42,587 | 1.6% | 0 | 0 | 0.0% | 227,737 | 292,735 | -22.2% |
| S&P HEALTH CARE SECTOR | 0 | 0 | 0.0% | 31,136 | 32,063 | -2.9% | 0 | 0 | 0.0% | 172,930 | 140,218 | 23.3% |
| S&P INDUSTRIAL SECTOR | 0 | 0 | 0.0% | 21,389 | 15,595 | 37.2% | 0 | 0 | 0.0% | 122,802 | 97,592 | 25.8% |
| S&P MATERIALS SECTOR | 0 | 0 | 0.0% | 16,144 | 13,723 | 17.6% | 0 | 0 | 0.0% | 78,057 | 80,800 | -3.4% |
| S&P OIL & GAS EXPLORATION | 0 | - | - | 691 | - | - | 0 | - | - | 3,825 | - | - |
| S&P REAL ESTATE SECTOR | 0 | 0 | 0.0% | 9,006 | 11,069 | -18.6% | 0 | 0 | 0.0% | 39,281 | 40,502 | -3.0% |
| S&P REGIONAL BANKS SECTO | 0 | - | - | 1,280 | - | - | 0 | - | - | 1,567 | - | - |
| S&P RETAIL SECTOR | 0 | - | - | 872 | - | - | 0 | - | - | 2,659 | - | - |
| S&P TECHNOLOGY SECTOR | 0 | 0 | 0.0% | 48,238 | 24,976 | 93.1% | 0 | 0 | 0.0% | 188,836 | 112,410 | 68.0% |
| S&P UTILITIES SECTOR | 0 | 0 | 0.0% | 32,952 | 30,969 | 6.4% | 0 | 0 | 0.0% | 163,905 | 146,492 | 11.9% |
| S&P VALUE INDEX FUTURES | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% |
| WATER INDEX FUTURES | 0 | 0 | 0.0% | 0 | 19 | -100.0% | 0 | 0 | 0.0% | 592 | 944 | -37.3% |
| YEN DENOMINATED TOPIX | 0 | 0 | 0.0% | 1,570 | 3,912 | -59.9% | 0 | 0 | 0.0% | 19,766 | 17,622 | 12.2% |

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|-----------------------------|----------------------------|----------------------------|----------|------------------|------------------|----------|------------------------------|------------------------------|----------|--------------------|--------------------|----------|
| Equity Index Options | | | | | | | | | | | | |
| BITCOIN OPTIONS | 0 | 0 | 0.0% | 1,611 | 1,146 | 40.6% | 0 | 0 | 0.0% | 12,909 | 10,185 | 26.7% |
| E-MINI NASDAQ 100 | 0 | 0 | 0.0% | 1,151,523 | 596,300 | 93.1% | 0 | 0 | 0.0% | 9,012,489 | 4,979,648 | 81.0% |
| E-mini Russell 2000 | 0 | 0 | 0.0% | 78,071 | 103,669 | -24.7% | 0 | 0 | 0.0% | 942,220 | 813,505 | 15.8% |
| E-MINI RUSSELL 2000 | 0 | 0 | 0.0% | 31,239 | 28,635 | 9.1% | 0 | 0 | 0.0% | 289,138 | 256,498 | 12.7% |
| E-mini S&P 500 | 0 | 0 | 0.0% | 11,657,193 | 8,819,473 | 32.2% | 0 | 0 | 0.0% | 98,301,292 | 61,711,349 | 59.3% |
| E-MINI S&P500 | 0 | 0 | 0.0% | 15,797,524 | 8,928,815 | 76.9% | 0 | 0 | 0.0% | 97,425,950 | 54,672,871 | 78.2% |
| EOM S&P 500 | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 2,156 | -100.0% |
| ETHER OPTIONS | 0 | - | - | 98 | - | - | 0 | - | - | 98 | - | - |
| MICRO BITCOIN | 0 | - | - | 11,819 | - | - | 0 | - | - | 63,960 | - | - |
| Micro E-mini Nasdaq-100 | 0 | 0 | 0.0% | 33,989 | 31,342 | 8.4% | 0 | 0 | 0.0% | 389,323 | 238,330 | 63.4% |
| MICRO E-MINI NASDAQ 100 | 0 | 0 | 0.0% | 11,901 | 9,833 | 21.0% | 0 | 0 | 0.0% | 109,448 | 52,469 | 108.6% |
| Micro E-mini S&P 500 | 0 | 0 | 0.0% | 252,242 | 203,361 | 24.0% | 0 | 0 | 0.0% | 2,113,911 | 1,326,579 | 59.4% |
| MICRO ETHER | 0 | - | - | 59,201 | - | - | 0 | - | - | 202,615 | - | - |
| S&P 500 | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 200 | -100.0% |
| FX Futures | | | | | | | | | | | | |
| AD/CD CROSS RATES | 0 | 0 | 0.0% | 114 | 10 | 1,040.0% | 0 | 0 | 0.0% | 466 | 158 | 194.9% |
| AD/JY CROSS RATES | 0 | 0 | 0.0% | 3,762 | 2,045 | 84.0% | 0 | 0 | 0.0% | 41,858 | 19,068 | 119.5% |
| AD/NE CROSS RATES | 0 | 0 | 0.0% | 14,868 | 455 | 3,167.7% | 0 | 0 | 0.0% | 29,694 | 2,458 | 1,108.1% |
| AUSTRALIAN DOLLAR | 0 | 0 | 0.0% | 2,765,464 | 2,435,332 | 13.6% | 0 | 0 | 0.0% | 19,012,791 | 18,747,073 | 1.4% |
| BP/JY CROSS RATES | 0 | 0 | 0.0% | 12,524 | 3,312 | 278.1% | 0 | 0 | 0.0% | 40,684 | 22,535 | 80.5% |
| BP/SF CROSS RATES | 0 | 0 | 0.0% | 4,578 | 1,710 | 167.7% | 0 | 0 | 0.0% | 18,722 | 6,952 | 169.3% |
| BRAZIL REAL | 0 | 0 | 0.0% | 243,094 | 182,967 | 32.9% | 0 | 0 | 0.0% | 2,493,859 | 2,111,397 | 18.1% |
| BRITISH POUND | 0 | 0 | 0.0% | 4,372,787 | 2,393,155 | 82.7% | 0 | 0 | 0.0% | 22,904,102 | 17,788,504 | 28.8% |
| CANADIAN DOLLAR | 0 | 0 | 0.0% | 2,682,494 | 2,044,471 | 31.2% | 0 | 0 | 0.0% | 16,987,879 | 15,101,114 | 12.5% |
| CD/JY CROSS RATES | 0 | 0 | 0.0% | 15 | 96 | -84.4% | 0 | 0 | 0.0% | 287 | 1,460 | -80.3% |
| CHINESE RENMINBI (CNH) | 0 | 0 | 0.0% | 49,260 | 22,348 | 120.4% | 0 | 0 | 0.0% | 253,135 | 152,343 | 66.2% |
| CZECK KORUNA (EC) | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 19 | 2 | 850.0% |
| CZECK KORUNA (US) | 0 | 0 | 0.0% | 8 | 3 | 166.7% | 0 | 0 | 0.0% | 26 | 8 | 225.0% |
| EC/AD CROSS RATES | 0 | 0 | 0.0% | 14,356 | 10,441 | 37.5% | 0 | 0 | 0.0% | 54,021 | 44,094 | 22.5% |
| EC/CD CROSS RATES | 0 | 0 | 0.0% | 13,170 | 16,772 | -21.5% | 0 | 0 | 0.0% | 75,914 | 66,077 | 14.9% |
| EC/NOK CROSS RATES | 0 | 0 | 0.0% | 8,867 | 1,875 | 372.9% | 0 | 0 | 0.0% | 18,288 | 6,006 | 204.5% |
| EC/SEK CROSS RATES | 0 | 0 | 0.0% | 3,883 | 1,491 | 160.4% | 0 | 0 | 0.0% | 22,361 | 5,865 | 281.3% |
| EFX/BP CROSS RATES | 0 | 0 | 0.0% | 192,559 | 127,919 | 50.5% | 0 | 0 | 0.0% | 885,095 | 529,669 | 67.1% |
| EFX/JY CROSS RATES | 0 | 0 | 0.0% | 100,695 | 115,979 | -13.2% | 0 | 0 | 0.0% | 521,203 | 392,806 | 32.7% |
| EFX/SF CROSS RATES | 0 | 0 | 0.0% | 62,490 | 55,699 | 12.2% | 0 | 0 | 0.0% | 374,711 | 217,582 | 72.2% |

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|-------------------------|----------------------------|----------------------------|----------|------------------|------------------|----------|------------------------------|------------------------------|----------|--------------------|--------------------|------------|
| FX Futures | | | | | | | | | | | | |
| E-MICRO USD/CAD | 0 | 0 | 0.0% | 83 | 94 | -11.7% | 0 | 0 | 0.0% | 1,818 | 346 | 425.4% |
| E-MICRO USD/CHF | 0 | 0 | 0.0% | 63 | 0 | 0.0% | 0 | 0 | 0.0% | 707 | 29 | 2,337.9% |
| E-MICRO USD/JPY | 0 | 0 | 0.0% | 1,980 | 113 | 1,652.2% | 0 | 0 | 0.0% | 150,324 | 122 | 123,116.4% |
| E-MINI EURO FX | 0 | 0 | 0.0% | 214,527 | 120,064 | 78.7% | 0 | 0 | 0.0% | 1,359,912 | 1,112,371 | 22.3% |
| E-MINI JAPANESE YEN | 0 | 0 | 0.0% | 22,461 | 10,239 | 119.4% | 0 | 0 | 0.0% | 105,636 | 82,168 | 28.6% |
| EURO FX | 0 | 0 | 0.0% | 7,982,950 | 5,000,579 | 59.6% | 0 | 0 | 0.0% | 45,523,622 | 36,252,848 | 25.6% |
| HUNGARIAN FORINT (EC) | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 2 | 0 | 0.0% |
| HUNGARIAN FORINT (US) | 0 | 0 | 0.0% | 4 | 31 | -87.1% | 0 | 0 | 0.0% | 42 | 168 | -75.0% |
| INDIAN RUPEE | 0 | 0 | 0.0% | 44,018 | 15,112 | 191.3% | 0 | 0 | 0.0% | 227,451 | 122,992 | 84.9% |
| JAPANESE YEN | 0 | 0 | 0.0% | 5,004,873 | 2,818,212 | 77.6% | 0 | 0 | 0.0% | 29,110,455 | 19,881,083 | 46.4% |
| KOREAN WON | 0 | 0 | 0.0% | 260 | 398 | -34.7% | 0 | 0 | 0.0% | 2,883 | 11,349 | -74.6% |
| MEXICAN PESO | 0 | 0 | 0.0% | 1,942,344 | 1,480,779 | 31.2% | 0 | 0 | 0.0% | 10,854,922 | 10,135,812 | 7.1% |
| MICRO AUD/USD | 0 | 0 | 0.0% | 276,759 | 184,515 | 50.0% | 0 | 0 | 0.0% | 2,354,409 | 1,870,209 | 25.9% |
| MICRO CAD/USD | 0 | 0 | 0.0% | 69,404 | 70,778 | -1.9% | 0 | 0 | 0.0% | 527,704 | 507,843 | 3.9% |
| MICRO CHF/USD | 0 | 0 | 0.0% | 25,467 | 9,751 | 161.2% | 0 | 0 | 0.0% | 157,429 | 79,618 | 97.7% |
| MICRO EUR/USD | 0 | 0 | 0.0% | 1,023,632 | 465,207 | 120.0% | 0 | 0 | 0.0% | 6,998,898 | 4,381,681 | 59.7% |
| MICRO GBP/USD | 0 | 0 | 0.0% | 233,213 | 88,199 | 164.4% | 0 | 0 | 0.0% | 1,018,750 | 665,891 | 53.0% |
| MICRO INR/USD | 0 | 0 | 0.0% | 592 | 1,565 | -62.2% | 0 | 0 | 0.0% | 6,422 | 16,346 | -60.7% |
| MICRO JPY/USD | 0 | 0 | 0.0% | 0 | 39,505 | -100.0% | 0 | 0 | 0.0% | 101,719 | 300,001 | -66.1% |
| MICRO USD/CNH | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 2 | 36 | -94.4% |
| NEW ZEALND DOLLAR | 0 | 0 | 0.0% | 957,366 | 646,505 | 48.1% | 0 | 0 | 0.0% | 5,767,515 | 5,422,657 | 6.4% |
| NKR/USD CROSS RATE | 0 | 0 | 0.0% | 4,212 | 6,607 | -36.2% | 0 | 0 | 0.0% | 26,977 | 43,228 | -37.6% |
| POLISH ZLOTY (EC) | 0 | 0 | 0.0% | 203 | 342 | -40.6% | 0 | 0 | 0.0% | 1,211 | 1,310 | -7.6% |
| POLISH ZLOTY (US) | 0 | 0 | 0.0% | 2,252 | 1,536 | 46.6% | 0 | 0 | 0.0% | 12,223 | 8,120 | 50.5% |
| RMB USD | 0 | 0 | 0.0% | 10 | 0 | 0.0% | 0 | 0 | 0.0% | 29 | 3 | 866.7% |
| RUSSIAN RUBLE | 0 | 0 | 0.0% | 22 | 174,250 | -100.0% | 0 | 0 | 0.0% | 576,766 | 960,592 | -40.0% |
| S.AFRICAN RAND | 0 | 0 | 0.0% | 100,283 | 98,080 | 2.2% | 0 | 0 | 0.0% | 827,711 | 525,558 | 57.5% |
| SF/JY CROSS RATES | 0 | 0 | 0.0% | 704 | 40 | 1,660.0% | 0 | 0 | 0.0% | 5,149 | 255 | 1,919.2% |
| SHEKEL | 0 | 0 | 0.0% | 38 | 2 | 1,800.0% | 0 | 0 | 0.0% | 146 | 18 | 711.1% |
| SKR/USD CROSS RATES | 0 | 0 | 0.0% | 11,374 | 8,622 | 31.9% | 0 | 0 | 0.0% | 58,811 | 45,224 | 30.0% |
| SWISS FRANC | 0 | 0 | 0.0% | 781,371 | 626,598 | 24.7% | 0 | 0 | 0.0% | 5,004,921 | 4,446,935 | 12.5% |
| TURKISH LIRA | 0 | 0 | 0.0% | 2 | 0 | 0.0% | 0 | 0 | 0.0% | 2 | 8 | -75.0% |
| USDZAR | 0 | 0 | 0.0% | 0 | 7 | -100.0% | 0 | 0 | 0.0% | 31 | 71 | -56.3% |
| FX Options | | | | | | | | | | | | |
| AUD/USD MONDAY OPTION W | 0 | 0 | 0.0% | 55 | 683 | -91.9% | 0 | 0 | 0.0% | 1,754 | 3,112 | -43.6% |
| AUD/USD MONDAY OPTION W | 0 | 0 | 0.0% | 53 | 302 | -82.5% | 0 | 0 | 0.0% | 3,243 | 3,231 | 0.4% |

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|---------------------------|----------------------------|----------------------------|----------|------------------|------------------|----------|------------------------------|------------------------------|----------|--------------------|--------------------|----------|
| FX Options | | | | | | | | | | | | |
| AUD/USD MONDAY OPTION W | 0 | 0 | 0.0% | 84 | 253 | -66.8% | 0 | 0 | 0.0% | 2,286 | 3,187 | -28.3% |
| AUD/USD MONDAY OPTION W | 0 | 0 | 0.0% | 268 | 398 | -32.7% | 0 | 0 | 0.0% | 3,143 | 3,996 | -21.3% |
| AUD/USD MONDAY OPTION W | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 1,218 | 1,370 | -11.1% |
| AUD/USD MONTHLY OPTIONS | 0 | 0 | 0.0% | 80,112 | 55,025 | 45.6% | 0 | 0 | 0.0% | 629,427 | 436,416 | 44.2% |
| AUD/USD WKLY FRIDAY OPTIC | 0 | 0 | 0.0% | 177 | 2,881 | -93.9% | 0 | 0 | 0.0% | 4,572 | 7,112 | -35.7% |
| AUD/USD WKLY FRIDAY OPTIC | 0 | 0 | 0.0% | 973 | 1,865 | -47.8% | 0 | 0 | 0.0% | 12,876 | 14,980 | -14.0% |
| AUD/USD WKLY FRIDAY OPTIC | 0 | 0 | 0.0% | 1,344 | 4,032 | -66.7% | 0 | 0 | 0.0% | 18,338 | 24,193 | -24.2% |
| AUD/USD WKLY FRIDAY OPTIC | 0 | 0 | 0.0% | 1,074 | 4,153 | -74.1% | 0 | 0 | 0.0% | 13,571 | 26,881 | -49.5% |
| AUD/USD WKLY FRIDAY OPTIC | 0 | 0 | 0.0% | 972 | 418 | 132.5% | 0 | 0 | 0.0% | 5,196 | 5,275 | -1.5% |
| AUD/USD WKLY WED OPTIONS | 0 | 0 | 0.0% | 82 | 147 | -44.2% | 0 | 0 | 0.0% | 5,629 | 8,733 | -35.5% |
| AUD/USD WKLY WED OPTIONS | 0 | 0 | 0.0% | 199 | 1,069 | -81.4% | 0 | 0 | 0.0% | 4,194 | 7,129 | -41.2% |
| AUD/USD WKLY WED OPTIONS | 0 | 0 | 0.0% | 30 | 205 | -85.4% | 0 | 0 | 0.0% | 2,072 | 2,941 | -29.5% |
| AUD/USD WKLY WED OPTIONS | 0 | 0 | 0.0% | 114 | 968 | -88.2% | 0 | 0 | 0.0% | 4,608 | 8,493 | -45.7% |
| AUD/USD WKLY WED OPTIONS | 0 | 0 | 0.0% | 0 | 577 | -100.0% | 0 | 0 | 0.0% | 578 | 1,985 | -70.9% |
| BRL/USD MONTHLY OPTIONS | 0 | 0 | 0.0% | 284 | 200 | 42.0% | 0 | 0 | 0.0% | 3,021 | 2,790 | 8.3% |
| CAD/USD MONDAY OPTIONS | 0 | 0 | 0.0% | 545 | 1,686 | -67.7% | 0 | 0 | 0.0% | 1,833 | 7,647 | -76.0% |
| CAD/USD MONDAY OPTIONS | 0 | 0 | 0.0% | 928 | 4,455 | -79.2% | 0 | 0 | 0.0% | 10,496 | 14,997 | -30.0% |
| CAD/USD MONDAY OPTIONS | 0 | 0 | 0.0% | 1,922 | 6,008 | -68.0% | 0 | 0 | 0.0% | 9,622 | 9,904 | -2.8% |
| CAD/USD MONDAY OPTIONS | 0 | 0 | 0.0% | 804 | 7,502 | -89.3% | 0 | 0 | 0.0% | 7,006 | 21,705 | -67.7% |
| CAD/USD MONDAY OPTIONS | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 1,535 | 3,147 | -51.2% |
| CAD/USD MONTHLY OPTIONS | 0 | 0 | 0.0% | 52,919 | 101,549 | -47.9% | 0 | 0 | 0.0% | 539,224 | 619,742 | -13.0% |
| CAD/USD WKLY FRIDAY OPTIC | 0 | 0 | 0.0% | 1,002 | 11,817 | -91.5% | 0 | 0 | 0.0% | 12,919 | 26,826 | -51.8% |
| CAD/USD WKLY FRIDAY OPTIC | 0 | 0 | 0.0% | 1,535 | 5,808 | -73.6% | 0 | 0 | 0.0% | 29,262 | 42,930 | -31.8% |
| CAD/USD WKLY FRIDAY OPTIC | 0 | 0 | 0.0% | 4,764 | 14,049 | -66.1% | 0 | 0 | 0.0% | 49,806 | 69,519 | -28.4% |
| CAD/USD WKLY FRIDAY OPTIC | 0 | 0 | 0.0% | 7,708 | 26,511 | -70.9% | 0 | 0 | 0.0% | 42,119 | 87,397 | -51.8% |
| CAD/USD WKLY FRIDAY OPTIC | 0 | 0 | 0.0% | 2,751 | 1,512 | 81.9% | 0 | 0 | 0.0% | 12,620 | 17,090 | -26.2% |
| CAD/USD WKLY WED OPTIONS | 0 | 0 | 0.0% | 1,147 | 5,461 | -79.0% | 0 | 0 | 0.0% | 9,172 | 18,328 | -50.0% |
| CAD/USD WKLY WED OPTIONS | 0 | 0 | 0.0% | 404 | 1,527 | -73.5% | 0 | 0 | 0.0% | 11,221 | 17,098 | -34.4% |
| CAD/USD WKLY WED OPTIONS | 0 | 0 | 0.0% | 1,750 | 6,388 | -72.6% | 0 | 0 | 0.0% | 13,505 | 18,667 | -27.7% |
| CAD/USD WKLY WED OPTIONS | 0 | 0 | 0.0% | 564 | 13,014 | -95.7% | 0 | 0 | 0.0% | 14,133 | 25,556 | -44.7% |
| CAD/USD WKLY WED OPTIONS | 0 | 0 | 0.0% | 0 | 5,794 | -100.0% | 0 | 0 | 0.0% | 4,474 | 9,035 | -50.5% |
| CHF/USD MONTHLY OPTIONS | 0 | 0 | 0.0% | 4,237 | 7,061 | -40.0% | 0 | 0 | 0.0% | 39,542 | 44,694 | -11.5% |
| CHF/USD WKLY FRIDAY OPTIO | 0 | 0 | 0.0% | 0 | 110 | -100.0% | 0 | 0 | 0.0% | 989 | 411 | 140.6% |
| CHF/USD WKLY FRIDAY OPTIO | 0 | 0 | 0.0% | 8 | 47 | -83.0% | 0 | 0 | 0.0% | 871 | 2,240 | -61.1% |
| CHF/USD WKLY FRIDAY OPTIO | 0 | 0 | 0.0% | 38 | 160 | -76.3% | 0 | 0 | 0.0% | 1,001 | 1,703 | -41.2% |
| CHF/USD WKLY FRIDAY OPTIO | 0 | 0 | 0.0% | 181 | 56 | 223.2% | 0 | 0 | 0.0% | 1,207 | 2,386 | -49.4% |
| CHF/USD WKLY FRIDAY OPTIO | 0 | 0 | 0.0% | 34 | 0 | 0.0% | 0 | 0 | 0.0% | 117 | 238 | -50.8% |
| EUR/GBP MONTHLY OPTIONS | 0 | 0 | 0.0% | 0 | 6 | -100.0% | 0 | 0 | 0.0% | 204 | 6 | 3,300.0% |
| EUR/GBP WKLY FRIDAY OPTIC | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% |

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|---------------------------|----------------------------|----------------------------|----------|------------------|------------------|----------|------------------------------|------------------------------|----------|--------------------|--------------------|----------|
| FX Options | | | | | | | | | | | | |
| EURODOLLARS | 0 | - | - | 1,690 | - | - | 0 | - | - | 1,690 | - | - |
| EUR/USD MONDAY OPTION W | 0 | 0 | 0.0% | 4,350 | 947 | 359.3% | 0 | 0 | 0.0% | 16,403 | 16,082 | 2.0% |
| EUR/USD MONDAY OPTION W | 0 | 0 | 0.0% | 3,272 | 107 | 2,957.9% | 0 | 0 | 0.0% | 22,405 | 13,121 | 70.8% |
| EUR/USD MONDAY OPTION W | 0 | 0 | 0.0% | 2,124 | 1,340 | 58.5% | 0 | 0 | 0.0% | 9,660 | 13,058 | -26.0% |
| EUR/USD MONDAY OPTION W | 0 | 0 | 0.0% | 4,943 | 5,771 | -14.3% | 0 | 0 | 0.0% | 24,837 | 24,590 | 1.0% |
| EUR/USD MONDAY OPTION W | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 4,256 | 5,945 | -28.4% |
| EUR/USD MONTHLY OPTIONS | 0 | 0 | 0.0% | 381,662 | 159,625 | 139.1% | 0 | 0 | 0.0% | 2,184,478 | 1,756,573 | 24.4% |
| EUR/USD WKLY FRIDAY OPTIC | 0 | 0 | 0.0% | 3,547 | 18,619 | -80.9% | 0 | 0 | 0.0% | 50,401 | 49,106 | 2.6% |
| EUR/USD WKLY FRIDAY OPTIC | 0 | 0 | 0.0% | 6,385 | 10,646 | -40.0% | 0 | 0 | 0.0% | 119,928 | 117,400 | 2.2% |
| EUR/USD WKLY FRIDAY OPTIC | 0 | 0 | 0.0% | 16,315 | 21,147 | -22.8% | 0 | 0 | 0.0% | 144,580 | 178,560 | -19.0% |
| EUR/USD WKLY FRIDAY OPTIC | 0 | 0 | 0.0% | 11,452 | 24,589 | -53.4% | 0 | 0 | 0.0% | 159,904 | 166,799 | -4.1% |
| EUR/USD WKLY FRIDAY OPTIC | 0 | 0 | 0.0% | 14,798 | 3,392 | 336.3% | 0 | 0 | 0.0% | 58,029 | 61,597 | -5.8% |
| EUR/USD WKLY WED OPTIONS | 0 | 0 | 0.0% | 11,867 | 4,347 | 173.0% | 0 | 0 | 0.0% | 57,256 | 57,347 | -0.2% |
| EUR/USD WKLY WED OPTIONS | 0 | 0 | 0.0% | 7,309 | 3,390 | 115.6% | 0 | 0 | 0.0% | 48,074 | 62,341 | -22.9% |
| EUR/USD WKLY WED OPTIONS | 0 | 0 | 0.0% | 5,079 | 3,558 | 42.7% | 0 | 0 | 0.0% | 47,660 | 60,384 | -21.1% |
| EUR/USD WKLY WED OPTIONS | 0 | 0 | 0.0% | 7,733 | 8,230 | -6.0% | 0 | 0 | 0.0% | 55,970 | 79,994 | -30.0% |
| EUR/USD WKLY WED OPTIONS | 0 | 0 | 0.0% | 0 | 12,756 | -100.0% | 0 | 0 | 0.0% | 20,237 | 25,392 | -20.3% |
| GBP/USD MONDAY OPTION W | 0 | 0 | 0.0% | 771 | 967 | -20.3% | 0 | 0 | 0.0% | 4,908 | 4,094 | 19.9% |
| GBP/USD MONDAY OPTION W | 0 | 0 | 0.0% | 1,342 | 302 | 344.4% | 0 | 0 | 0.0% | 10,203 | 5,271 | 93.6% |
| GBP/USD MONDAY OPTION W | 0 | 0 | 0.0% | 739 | 486 | 52.1% | 0 | 0 | 0.0% | 2,910 | 2,373 | 22.6% |
| GBP/USD MONDAY OPTION W | 0 | 0 | 0.0% | 860 | 61 | 1,309.8% | 0 | 0 | 0.0% | 4,880 | 4,319 | 13.0% |
| GBP/USD MONDAY OPTION W | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 1,480 | 654 | 126.3% |
| GBP/USD MONTHLY OPTIONS | 0 | 0 | 0.0% | 112,538 | 68,422 | 64.5% | 0 | 0 | 0.0% | 682,676 | 648,908 | 5.2% |
| GBP/USD WKLY FRIDAY OPTIC | 0 | 0 | 0.0% | 206 | 3,983 | -94.8% | 0 | 0 | 0.0% | 7,507 | 12,159 | -38.3% |
| GBP/USD WKLY FRIDAY OPTIC | 0 | 0 | 0.0% | 653 | 1,564 | -58.2% | 0 | 0 | 0.0% | 18,399 | 21,969 | -16.3% |
| GBP/USD WKLY FRIDAY OPTIC | 0 | 0 | 0.0% | 2,431 | 3,674 | -33.8% | 0 | 0 | 0.0% | 23,909 | 26,478 | -9.7% |
| GBP/USD WKLY FRIDAY OPTIC | 0 | 0 | 0.0% | 6,163 | 3,592 | 71.6% | 0 | 0 | 0.0% | 23,673 | 30,573 | -22.6% |
| GBP/USD WKLY FRIDAY OPTIC | 0 | 0 | 0.0% | 2,477 | 491 | 404.5% | 0 | 0 | 0.0% | 8,769 | 8,403 | 4.4% |
| GBP/USD WKLY WED OPTIONS | 0 | 0 | 0.0% | 1,605 | 259 | 519.7% | 0 | 0 | 0.0% | 11,230 | 9,647 | 16.4% |
| GBP/USD WKLY WED OPTIONS | 0 | 0 | 0.0% | 382 | 308 | 24.0% | 0 | 0 | 0.0% | 4,293 | 5,578 | -23.0% |
| GBP/USD WKLY WED OPTIONS | 0 | 0 | 0.0% | 1,499 | 174 | 761.5% | 0 | 0 | 0.0% | 8,810 | 5,771 | 52.7% |
| GBP/USD WKLY WED OPTIONS | 0 | 0 | 0.0% | 1,152 | 1,298 | -11.2% | 0 | 0 | 0.0% | 8,482 | 9,334 | -9.1% |
| GBP/USD WKLY WED OPTIONS | 0 | 0 | 0.0% | 0 | 690 | -100.0% | 0 | 0 | 0.0% | 670 | 2,591 | -74.1% |
| JPY/USD MONDAY OPTION WE | 0 | 0 | 0.0% | 3,640 | 195 | 1,766.7% | 0 | 0 | 0.0% | 6,541 | 3,291 | 98.8% |
| JPY/USD MONDAY OPTION WE | 0 | 0 | 0.0% | 101 | 801 | -87.4% | 0 | 0 | 0.0% | 7,427 | 5,091 | 45.9% |
| JPY/USD MONDAY OPTION WE | 0 | 0 | 0.0% | 44 | 201 | -78.1% | 0 | 0 | 0.0% | 2,820 | 3,682 | -23.4% |
| JPY/USD MONDAY OPTION WE | 0 | 0 | 0.0% | 1,389 | 1,694 | -18.0% | 0 | 0 | 0.0% | 9,383 | 3,356 | 179.6% |
| JPY/USD MONDAY OPTION WE | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 247 | 2,697 | -90.8% |
| JPY/USD MONTHLY OPTIONS | 0 | 0 | 0.0% | 106,010 | 85,487 | 24.0% | 0 | 0 | 0.0% | 1,161,438 | 708,979 | 63.8% |

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|---------------------------------|----------------------------|----------------------------|----------|------------------|------------------|----------|------------------------------|------------------------------|----------|--------------------|--------------------|----------|
| FX Options | | | | | | | | | | | | |
| JPY/USD WKLY FRIDAY OPTIO | 0 | 0 | 0.0% | 492 | 7,361 | -93.3% | 0 | 0 | 0.0% | 31,828 | 28,288 | 12.5% |
| JPY/USD WKLY FRIDAY OPTIO | 0 | 0 | 0.0% | 3,893 | 5,875 | -33.7% | 0 | 0 | 0.0% | 69,320 | 49,978 | 38.7% |
| JPY/USD WKLY FRIDAY OPTIO | 0 | 0 | 0.0% | 9,934 | 9,161 | 8.4% | 0 | 0 | 0.0% | 99,138 | 83,820 | 18.3% |
| JPY/USD WKLY FRIDAY OPTIO | 0 | 0 | 0.0% | 13,112 | 10,011 | 31.0% | 0 | 0 | 0.0% | 96,479 | 80,295 | 20.2% |
| JPY/USD WKLY FRIDAY OPTIO | 0 | 0 | 0.0% | 9,027 | 364 | 2,379.9% | 0 | 0 | 0.0% | 37,049 | 25,368 | 46.0% |
| JPY/USD WKLY WED OPTIONS | 0 | 0 | 0.0% | 5,226 | 2,647 | 97.4% | 0 | 0 | 0.0% | 30,843 | 22,656 | 36.1% |
| JPY/USD WKLY WED OPTIONS | 0 | 0 | 0.0% | 6,494 | 3,921 | 65.6% | 0 | 0 | 0.0% | 30,447 | 30,963 | -1.7% |
| JPY/USD WKLY WED OPTIONS | 0 | 0 | 0.0% | 5,381 | 1,507 | 257.1% | 0 | 0 | 0.0% | 28,449 | 26,870 | 5.9% |
| JPY/USD WKLY WED OPTIONS | 0 | 0 | 0.0% | 8,037 | 2,983 | 169.4% | 0 | 0 | 0.0% | 39,294 | 25,858 | 52.0% |
| JPY/USD WKLY WED OPTIONS | 0 | 0 | 0.0% | 0 | 2,338 | -100.0% | 0 | 0 | 0.0% | 11,330 | 7,879 | 43.8% |
| MXN/USD MONTHLY OPTIONS | 0 | 0 | 0.0% | 1,320 | 3,861 | -65.8% | 0 | 0 | 0.0% | 6,512 | 11,742 | -44.5% |
| MXN/USD WKLY FRIDAY OPTI | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% |
| MXN/USD WKLY FRIDAY OPTI | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 17 | 604 | -97.2% |
| MXN/USD WKLY FRIDAY OPTI | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 552 | -100.0% |
| MXN/USD WKLY FRIDAY OPTI | 0 | 0 | 0.0% | 0 | 300 | -100.0% | 0 | 0 | 0.0% | 0 | 631 | -100.0% |
| MXN/USD WKLY FRIDAY OPTI | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% |
| NZD/USD MONTHLY OPTIONS | 0 | 0 | 0.0% | 1 | 29 | -96.6% | 0 | 0 | 0.0% | 670 | 1,358 | -50.7% |
| NZD/USD WKLY FRIDAY OPTIO | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% |
| NZD/USD WKLY FRIDAY OPTIO | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 12 | -100.0% |
| NZD/USD WKLY FRIDAY OPTIO | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% |
| RUB/USD MONTHLY OPTIONS | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 68 | -100.0% |
| Foreign Exchange Futures | | | | | | | | | | | | |
| CHILEAN PESO | 0 | - | - | 0 | - | - | 0 | - | - | 24 | - | - |
| Foreign Exchange Options | | | | | | | | | | | | |
| AUD/USD WKLY WED OPTIONS | 0 | 0 | 0.0% | 172 | 49 | 251.0% | 0 | 0 | 0.0% | 3,246 | 4,360 | -25.6% |

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|----------------------------|----------------------------|----------------------------|----------|------------------|------------------|----------|------------------------------|------------------------------|----------|--------------------|--------------------|----------|
| Ag Products Futures | | | | | | | | | | | | |
| BLOCK CHEESE | 0 | 0 | 0.0% | 208 | 185 | 12.4% | 0 | 0 | 0.0% | 2,283 | 5,729 | -60.2% |
| BUTTER CS | 0 | 0 | 0.0% | 2,369 | 3,224 | -26.5% | 0 | 0 | 0.0% | 36,440 | 34,974 | 4.2% |
| CASH-SETTLED CHEESE | 0 | 0 | 0.0% | 8,345 | 10,231 | -18.4% | 0 | 0 | 0.0% | 84,679 | 103,197 | -17.9% |
| CAT ASIA WEATHER | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% |
| CATTLE | 0 | 0 | 0.0% | 1,326,823 | 1,363,846 | -2.7% | 0 | 0 | 0.0% | 10,970,008 | 10,795,777 | 1.6% |
| CAT WEATHER EUROPEAN | 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% |
| CDD WEATHER | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% |
| CLASS IV MILK | 0 | 0 | 0.0% | 1,816 | 1,887 | -3.8% | 0 | 0 | 0.0% | 21,648 | 9,208 | 135.1% |
| DRY WHEY | 0 | 0 | 0.0% | 789 | 1,147 | -31.2% | 0 | 0 | 0.0% | 8,501 | 18,158 | -53.2% |
| FEEDER CATTLE | 0 | 0 | 0.0% | 338,861 | 342,589 | -1.1% | 0 | 0 | 0.0% | 2,517,264 | 2,341,625 | 7.5% |
| GOLDMAN SACHS | 0 | 0 | 0.0% | 2,098 | 3,821 | -45.1% | 0 | 0 | 0.0% | 25,974 | 80,816 | -67.9% |
| GSCI EXCESS RETURN FUT | 0 | 0 | 0.0% | 39 | 50 | -22.0% | 0 | 0 | 0.0% | 91 | 151 | -39.7% |
| HDD EURO SEASONAL STRIP | 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% |
| HDD WEATHER | 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% |
| HOGS | 0 | 0 | 0.0% | 1,048,653 | 1,098,116 | -4.5% | 0 | 0 | 0.0% | 8,738,953 | 8,930,968 | -2.1% |
| HOUSING INDEX | 0 | 0 | 0.0% | 7 | 26 | -73.1% | 0 | 0 | 0.0% | 141 | 122 | 15.6% |
| LUMBER | 0 | 0 | 0.0% | 10,145 | 6,134 | 65.4% | 0 | 0 | 0.0% | 76,629 | 89,760 | -14.6% |
| MALAYSIAN PALM SWAP | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% |
| MILK | 0 | 0 | 0.0% | 25,451 | 22,038 | 15.5% | 0 | 0 | 0.0% | 257,671 | 211,404 | 21.9% |
| MLK MID OPTIONS | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% |
| NFD MILK | 0 | 0 | 0.0% | 3,420 | 4,290 | -20.3% | 0 | 0 | 0.0% | 50,885 | 47,300 | 7.6% |
| PACIFIC RIM DAT SS WTHR | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% |
| PORK CUTOUT | 0 | 0 | 0.0% | 1,206 | 1,407 | -14.3% | 0 | 0 | 0.0% | 19,765 | 23,195 | -14.8% |
| S&P GSCI ENHANCED ER SWA | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% |
| USD CRUDE PALM OIL | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% | 0 | 0 | 0.0% |

CME Exchange Volume Comparison Report - Monthly

| | Open Outcry SEP 2022 | Open Outcry SEP 2021 | % CHG | ELEC SEP 2022 | ELEC SEP 2021 | % CHG | Open Outcry Y.T.D 2022 | Open Outcry Y.T.D 2021 | % CHG | ELEC Y.T.D 2022 | ELEC Y.T.D 2021 | % CHG |
|----------------------------|----------------------------|----------------------------|---------------|--------------------|--------------------|--------------|------------------------------|------------------------------|---------------|----------------------|----------------------|--------------|
| Ag Products Options | | | | | | | | | | | | |
| BLOCK CHEESE | 0 | 0 | 0.0% | 20 | 540 | -96.3% | 0 | 0 | 0.0% | 2,509 | 2,922 | -14.1% |
| BUTTER CS | 0 | 0 | 0.0% | 1,190 | 1,137 | 4.7% | 0 | 0 | 0.0% | 12,093 | 16,760 | -27.8% |
| CASH-SETTLED CHEESE | 0 | 0 | 0.0% | 3,709 | 1,489 | 149.1% | 0 | 0 | 0.0% | 56,561 | 57,727 | -2.0% |
| CATTLE | 0 | 0 | 0.0% | 230,958 | 223,775 | 3.2% | 0 | 0 | 0.0% | 1,934,388 | 1,714,603 | 12.8% |
| CDD SEASONAL STRIP | 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% |
| CLASS IV MILK | 0 | 0 | 0.0% | 12,478 | 5,602 | 122.7% | 0 | 0 | 0.0% | 67,852 | 31,322 | 116.6% |
| DRY WHEY | 0 | 0 | 0.0% | 0 | 92 | -100.0% | 0 | 0 | 0.0% | 2,729 | 1,746 | 56.3% |
| FEEDER CATTLE | 0 | 0 | 0.0% | 37,296 | 22,673 | 64.5% | 0 | 0 | 0.0% | 322,700 | 193,216 | 67.0% |
| HDD EURO SEASONAL STRIP | 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% |
| HDD WEATHER | 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% |
| HOGS | 0 | 0 | 0.0% | 242,841 | 266,144 | -8.8% | 0 | 0 | 0.0% | 2,067,587 | 1,885,556 | 9.7% |
| HOUSING INDEX | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% |
| LUMBER | 0 | 0 | 0.0% | 203 | 520 | -61.0% | 0 | 0 | 0.0% | 3,730 | 6,700 | -44.3% |
| LV CATL CSO | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% | - | 0 | 0.0% |
| MILK | 0 | 0 | 0.0% | 28,834 | 23,693 | 21.7% | 0 | 0 | 0.0% | 205,953 | 221,457 | -7.0% |
| MLK MID OPTIONS | 0 | 0 | 0.0% | 0 | 4 | -100.0% | 0 | 0 | 0.0% | 45 | 15 | 200.0% |
| NFD MILK | 0 | 0 | 0.0% | 2,411 | 2,255 | 6.9% | 0 | 0 | 0.0% | 31,001 | 31,413 | -1.3% |
| PORK CUTOUT | 0 | 0 | 0.0% | 0 | 10 | -100.0% | 0 | 0 | 0.0% | 35 | 749 | -95.3% |
| TOTAL FUTURES GROUP | | | | | | | | | | | | |
| Interest Rate Futures | 1,217,993 | 467,695 | 160.4% | 79,883,930 | 45,903,182 | 74.0% | 7,626,163 | 3,809,391 | 100.2% | 645,767,192 | 450,913,989 | 43.2% |
| Equity Index Futures | 0 | 0 | 0.0% | 157,107,670 | 104,685,429 | 50.1% | 0 | 0 | 0.0% | 1,143,296,864 | 817,020,509 | 39.9% |
| FX Futures | 0 | 0 | 0.0% | 29,245,455 | 19,283,810 | 51.7% | 0 | 0 | 0.0% | 174,519,714 | 142,090,063 | 22.8% |
| Foreign Exchange Futures | 0 | - | - | 0 | - | - | 0 | - | - | 24 | - | - |
| Ag Products Futures | 0 | 0 | 0.0% | 2,770,230 | 2,858,991 | -3.1% | 0 | 0 | 0.0% | 22,810,932 | 22,692,384 | 0.5% |
| TOTAL FUTURES | 1,217,993 | 467,695 | 160.4% | 269,007,285 | 172,731,412 | 55.7% | 7,626,163 | 3,809,391 | 100.2% | 1,986,394,726 | 1,432,716,945 | 38.6% |

CME Exchange Volume Comparison Report - Monthly

| | Open Outcry SEP 2022 | Open Outcry SEP 2021 | % CHG | ELEC SEP 2022 | ELEC SEP 2021 | % CHG | Open Outcry Y.T.D 2022 | Open Outcry Y.T.D 2021 | % CHG | ELEC Y.T.D 2022 | ELEC Y.T.D 2021 | % CHG |
|----------------------------|----------------------------|----------------------------|--------------|--------------------|--------------------|--------------|------------------------------|------------------------------|--------------|----------------------|----------------------|--------------|
| TOTAL OPTIONS GROUP | | | | | | | | | | | | |
| Equity Index Options | 0 | 0 | 0.0% | 29,086,411 | 18,722,574 | 55.4% | 0 | 0 | 0.0% | 208,863,353 | 124,063,790 | 68.4% |
| Interest Rate Options | 19,061,331 | 11,360,216 | 67.8% | 9,012,374 | 5,621,068 | 60.3% | 146,252,151 | 116,560,194 | 25.5% | 66,455,834 | 58,164,113 | 14.3% |
| FX Options | 0 | 0 | 0.0% | 958,507 | 797,168 | 20.2% | 0 | 0 | 0.0% | 7,046,403 | 6,233,539 | 13.0% |
| Ag Products Options | 0 | 0 | 0.0% | 559,940 | 547,934 | 2.2% | 0 | 0 | 0.0% | 4,707,183 | 4,164,186 | 13.0% |
| Foreign Exchange Options | 0 | 0 | 0.0% | 172 | 49 | 251.0% | 0 | 0 | 0.0% | 3,246 | 4,360 | -25.6% |
| TOTAL OPTIONS | 19,061,331 | 11,360,216 | 67.8% | 39,617,404 | 25,688,793 | 54.2% | 146,252,151 | 116,560,194 | 25.5% | 287,076,019 | 192,629,988 | 49.0% |
| TOTAL COMBINED | | | | | | | | | | | | |
| Interest Rate | 20,279,324 | 11,827,911 | 71.5% | 88,896,304 | 51,524,250 | 72.5% | 153,878,314 | 120,369,585 | 27.8% | 712,223,026 | 509,078,102 | 39.9% |
| Equity Index | 0 | 0 | 0.0% | 186,194,081 | 123,408,003 | 50.9% | 0 | 0 | 0.0% | 1,352,160,217 | 941,084,299 | 43.7% |
| FX | 0 | 0 | 0.0% | 30,203,962 | 20,080,978 | 50.4% | 0 | 0 | 0.0% | 181,566,117 | 148,323,602 | 22.4% |
| Foreign Exchange | 0 | 0 | 0.0% | 172 | 49 | 251.0% | 0 | 0 | 0.0% | 3,270 | 4,360 | -25.0% |
| Ag Products | 0 | 0 | 0.0% | 3,330,170 | 3,406,925 | -2.3% | 0 | 0 | 0.0% | 27,518,115 | 26,856,570 | 2.5% |
| GRAND TOTAL | 20,279,324 | 11,827,911 | 71.5% | 308,624,689 | 198,420,205 | 55.5% | 153,878,314 | 120,369,585 | 27.8% | 2,273,470,745 | 1,625,346,933 | 39.9% |