

CME Group Exchange ADV Report - Monthly

December 2023

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| | ADV DEC 2023 | ADV DEC 2022 | % CHG | ADV NOV 2023 | % CHG | ADV Y.T.D 2023 | ADV Y.T.D 2022 | % CHG |
|------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| FX Futures | | | | | | | | |
| AD/CD CROSS RATES | 0 | 6.62 | -100.0% | 0 | - | 1 | 4 | -82.6% |
| AD/JY CROSS RATES | 193 | 126.62 | 52.6% | 78.95 | 144.8% | 90 | 210 | -57.3% |
| AD/NE CROSS RATES | 928 | 376.48 | 146.5% | 419 | 121.5% | 291 | 282 | 3.0% |
| AUSTRALIAN DOLLAR | 115,677 | 97,167.38 | 19.0% | 114,783.76 | 0.8% | 102,345 | 101,577 | 0.8% |
| BP/JY CROSS RATES | 411 | 413.81 | -0.7% | 87.76 | 368.3% | 179 | 259 | -31.0% |
| BP/SF CROSS RATES | 342 | 198.86 | 72.0% | 166.38 | 105.5% | 191 | 144 | 32.0% |
| BRAZIL REAL | 18,660 | 12,739.86 | 46.5% | 19,099.38 | -2.3% | 15,111 | 15,375 | -1.7% |
| BRITISH POUND | 114,410 | 114,803 | -0.3% | 108,383.86 | 5.6% | 107,305 | 124,444 | -13.8% |
| CANADIAN DOLLAR | 102,313 | 90,453.19 | 13.1% | 77,257.86 | 32.4% | 85,312 | 90,708 | -5.9% |
| CD/JY CROSS RATES | 3 | 3.86 | -10.6% | 1.33 | 158.8% | 3 | 3 | -8.6% |
| CHILEAN PESO | 0 | 0 | - | 0 | - | 0 | 0 | 88.3% |
| CHINESE RENMINBI (CNH) | 3,206 | 1,916.14 | 67.3% | 4,055.33 | -20.9% | 1,853 | 1,531 | 21.0% |
| CZECK KORUNA (EC) | 0 | 0 | - | 0 | - | 0 | 0 | -85.3% |
| CZECK KORUNA (US) | 13 | 8.71 | 52.0% | 5.19 | 155.3% | 3 | 3 | -22.9% |
| EC/AD CROSS RATES | 483 | 407.14 | 18.6% | 62.1 | 677.7% | 286 | 283 | 0.9% |
| EC/CD CROSS RATES | 792 | 860 | -7.9% | 157.76 | 402.1% | 324 | 428 | -24.1% |
| EC/NOK CROSS RATES | 313 | 86.29 | 263.2% | 54.33 | 476.8% | 126 | 105 | 19.2% |
| EC/SEK CROSS RATES | 181 | 351.76 | -48.6% | 118.81 | 52.2% | 244 | 169 | 44.4% |
| EFX/BP CROSS RATES | 6,359 | 6,664.81 | -4.6% | 2,712.62 | 134.4% | 3,650 | 4,743 | -23.0% |
| EFX/JY CROSS RATES | 5,454 | 3,892.95 | 40.1% | 1,798.62 | 203.3% | 2,745 | 2,760 | -0.5% |
| EFX/SF CROSS RATES | 2,894 | 2,072.81 | 39.6% | 964.05 | 200.2% | 1,339 | 1,923 | -30.4% |
| E-MICRO USD/CAD | 10 | 7.57 | 26.1% | 1 | 855.0% | 5 | 8 | -37.2% |
| E-MICRO USD/CHF | 5 | 5.14 | 1.1% | 2.24 | 132.3% | 6 | 3 | 76.9% |
| E-MICRO USD/JPY | 60 | 87.9 | -31.9% | 51.19 | 17.0% | 147 | 614 | -76.0% |
| E-MINI EURO FX | 5,285 | 9,641.29 | -45.2% | 4,822.29 | 9.6% | 5,601 | 7,612 | -26.4% |
| E-MINI JAPANESE YEN | 849 | 595.62 | 42.5% | 638.86 | 32.9% | 606 | 574 | 5.6% |
| EURO FX | 295,375 | 292,149.95 | 1.1% | 209,899.95 | 40.7% | 233,576 | 245,150 | -4.7% |
| HUNGARIAN FORINT (EC) | 1 | 0.19 | 188.7% | 0 | - | 0 | 0 | 41.1% |
| HUNGARIAN FORINT (US) | 26 | 0.33 | 7625.8% | 16.86 | 52.8% | 4 | 0 | 1643.5% |
| INDIAN RUPEE | 1,197 | 1,459.38 | -18.0% | 993.9 | 20.5% | 1,201 | 1,331 | -9.8% |
| JAPANESE YEN | 214,144 | 168,744.81 | 26.9% | 187,148.48 | 14.4% | 177,060 | 157,650 | 12.3% |
| KOREAN WON | 136 | 9.24 | 1370.0% | 131.1 | 3.6% | 57 | 23 | 151.1% |
| MEXICAN PESO | 94,791 | 85,905.76 | 10.3% | 61,586.67 | 53.9% | 67,035 | 61,109 | 9.7% |
| MICRO AUD/USD | 13,602 | 12,757.81 | 6.6% | 15,054.67 | -9.6% | 13,387 | 12,686 | 5.5% |
| MICRO CAD/USD | 2,478 | 3,132.76 | -20.9% | 2,672.48 | -7.3% | 2,494 | 3,027 | -17.6% |
| MICRO CHF/USD | 982 | 829.52 | 18.4% | 582.29 | 68.6% | 751 | 826 | -9.1% |
| MICRO EUR/USD | 29,001 | 39,900.62 | -27.3% | 27,688.71 | 4.7% | 29,137 | 38,384 | -24.1% |
| MICRO GBP/USD | 3,849 | 4,801.52 | -19.8% | 3,479.1 | 10.6% | 3,350 | 5,897 | -43.2% |
| MICRO INR/USD | 9 | 35.57 | -75.0% | 10.38 | -14.3% | 18 | 34 | -47.3% |
| MICRO JPY/USD | 0 | 0 | - | 0 | - | 0 | 405 | -100.0% |
| MICRO USD/CNH | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| NEW ZEALND DOLLAR | 35,916 | 31,542.57 | 13.9% | 33,240.52 | 8.0% | 32,275 | 31,390 | 2.8% |
| NKR/USD CROSS RATE | 314 | 166.57 | 88.3% | 126.81 | 147.3% | 219 | 170 | 28.8% |
| POLISH ZLOTY (EC) | 6 | 11.19 | -42.8% | 0.14 | 4378.7% | 3 | 6 | -40.6% |
| POLISH ZLOTY (US) | 133 | 98.57 | 35.2% | 86.57 | 54.0% | 72 | 80 | -10.1% |
| RMB USD | 0 | 0.05 | -100.0% | 0 | - | 0 | 0 | -83.3% |
| RUSSIAN RUBLE | 0 | 0 | - | 0 | - | 0 | 2,340 | -100.0% |
| S.AFRICAN RAND | 3,932 | 4,354.29 | -9.7% | 4,052.67 | -3.0% | 4,196 | 4,465 | -6.0% |
| SF/JY CROSS RATES | 195 | 103.33 | 88.3% | 45.9 | 323.9% | 62 | 58 | 6.8% |

*** Note - KC HRW Wheat monthly and YTD volume comparatives to prior year is not using a complete year, since collection of 2013 volume data did not start until April 15, 2013.

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|-------------------------------|-----------------|-----------------|-----------|-----------------|---------|-------------------|-------------------|-----------|
| FX Futures | | | | | | | | |
| SHEKEL | 7 | 1.95 | 271.3% | 11.86 | -38.9% | 7 | 1 | 767.6% |
| SKR/USD CROSS RATES | 315 | 663.67 | -52.6% | 261.9 | 20.1% | 271 | 389 | -30.4% |
| SWISS FRANC | 34,640 | 21,923.19 | 58.0% | 20,616.24 | 68.0% | 22,852 | 25,474 | -10.3% |
| TURKISH LIRA | 5 | 3 | 76.7% | 0 | - | 2 | 2 | -9.8% |
| USDZAR | 0 | 0 | - | 0.71 | -100.0% | 1 | 0 | 596.4% |
| FX Options | | | | | | | | |
| AUD/USD MONDAY OPTION WEEK1 | 5 | 2.52 | 98.1% | 7.48 | -33.1% | 9 | 8 | 12.6% |
| AUD/USD MONDAY OPTION WEEK2 | 14 | 4.33 | 225.4% | 2.38 | 492.2% | 17 | 14 | 24.7% |
| AUD/USD MONDAY OPTION WEEK3 | 2 | 8.29 | -72.8% | 2.33 | -3.6% | 9 | 12 | -28.9% |
| AUD/USD MONDAY OPTION WEEK4 | 0 | 0.43 | -53.3% | 3.95 | -94.9% | 13 | 14 | -8.7% |
| AUD/USD MONDAY OPTION WEEK5 | 2 | 0.05 | 3051.3% | 0 | - | 3 | 5 | -44.1% |
| AUD/USD MONTHLY OPTIONS | 2,698 | 1,974.33 | 36.7% | 4,600 | -41.3% | 3,179 | 3,750 | -15.2% |
| AUD/USD THURSDAY WKLY OPT WE | 8 | 0.05 | 17547.1% | 24.57 | -65.8% | 7 | 0 | 178100.0% |
| AUD/USD THURSDAY WKLY OPT WE | 6 | 0 | - | 0.67 | 740.1% | 4 | 0 | - |
| AUD/USD THURSDAY WKLY OPT WE | 2 | 3.38 | -27.5% | 0.57 | 328.8% | 5 | 0 | 1779.1% |
| AUD/USD THURSDAY WKLY OPT WE | 0 | 0.14 | 110.1% | 0 | - | 6 | 0 | 54000.0% |
| AUD/USD THURSDAY WKLY OPT WE | 0 | 0.67 | -100.0% | 3.29 | -100.0% | 2 | 0 | 3964.5% |
| AUD/USD TUESDAY WKLY OPT WEE | 6 | 0.62 | 812.8% | 9.19 | -38.5% | 9 | 0 | 16718.5% |
| AUD/USD TUESDAY WKLY OPT WEE | 8 | 0 | - | 5.1 | 50.1% | 8 | 0 | - |
| AUD/USD TUESDAY WKLY OPT WEE | 11 | 21.71 | -50.7% | 5.62 | 90.4% | 6 | 2 | 256.9% |
| AUD/USD TUESDAY WKLY OPT WEE | 2 | 7.33 | -70.7% | 0.9 | 137.6% | 5 | 1 | 782.0% |
| AUD/USD TUESDAY WKLY OPT WEE | 0 | 0 | - | 0 | - | 2 | 0 | - |
| AUD/USD WKLY FRIDAY OPTIONS - | 0 | 5.43 | -93.6% | 68 | -99.5% | 24 | 26 | -6.4% |
| AUD/USD WKLY FRIDAY OPTIONS - | 39 | 47.9 | -17.9% | 51.29 | -23.3% | 64 | 76 | -14.9% |
| AUD/USD WKLY FRIDAY OPTIONS - | 64 | 48.52 | 32.5% | 96.05 | -33.1% | 82 | 95 | -13.3% |
| AUD/USD WKLY FRIDAY OPTIONS - | 64 | 53.05 | 20.4% | 63.1 | 1.2% | 80 | 82 | -1.8% |
| AUD/USD WKLY FRIDAY OPTIONS - | 15 | 28.76 | -46.3% | 36.48 | -57.6% | 21 | 27 | -21.1% |
| AUD/USD WKLY WED OPTIONS - WK | 54 | 4.86 | 1009.7% | 3.48 | 1450.6% | 22 | 26 | -14.4% |
| AUD/USD WKLY WED OPTIONS - WK | 3 | 13.33 | -76.4% | 16.43 | -80.8% | 13 | 24 | -44.6% |
| AUD/USD WKLY WED OPTIONS - WK | 18 | 29.95 | -38.7% | 162.67 | -88.7% | 27 | 25 | 10.6% |
| AUD/USD WKLY WED OPTIONS - WK | 1 | 6.29 | -89.7% | 26.24 | -97.5% | 13 | 23 | -43.3% |
| AUD/USD WKLY WED OPTIONS - WK | 0 | 0 | - | 16.95 | -100.0% | 7 | 4 | 71.4% |
| BRL/USD MONTHLY OPTIONS | 1 | 2 | -50.0% | 0 | - | 1 | 13 | -89.0% |
| CAD/USD MONDAY OPTIONS WEEK1 | 37 | 9.86 | 279.4% | 113.95 | -67.2% | 41 | 18 | 125.5% |
| CAD/USD MONDAY OPTIONS WEEK2 | 66 | 56.57 | 17.2% | 74.38 | -10.9% | 50 | 51 | -1.7% |
| CAD/USD MONDAY OPTIONS WEEK3 | 66 | 9.57 | 592.7% | 100.14 | -33.8% | 42 | 46 | -8.7% |
| CAD/USD MONDAY OPTIONS WEEK4 | 48 | 0.43 | 11148.5% | 99.1 | -51.4% | 52 | 29 | 81.9% |
| CAD/USD MONDAY OPTIONS WEEK5 | 15 | 35.52 | -59.2% | 0 | - | 3 | 14 | -79.4% |
| CAD/USD MONTHLY OPTIONS | 1,424 | 2,919.76 | -51.2% | 1,953.81 | -27.1% | 2,359 | 4,308 | -45.2% |
| CAD/USD THURSDAY WKLY OPT WE | 79 | 0 | - | 74.86 | 5.3% | 29 | 0 | - |
| CAD/USD THURSDAY WKLY OPT WE | 12 | 0 | - | 28.48 | -57.9% | 16 | 0 | - |
| CAD/USD THURSDAY WKLY OPT WE | 109 | 0.1 | 113923.1% | 14.95 | 626.0% | 27 | 0 | 336650.0% |
| CAD/USD THURSDAY WKLY OPT WE | 25 | 0 | - | 0 | - | 22 | 0 | - |
| CAD/USD THURSDAY WKLY OPT WE | 0 | 0.33 | -100.0% | 36.19 | -100.0% | 12 | 0 | 44100.7% |
| CAD/USD TUESDAY WKLY OPT WEE | 15 | 0.62 | 2379.8% | 11.24 | 36.6% | 21 | 0 | 40232.0% |
| CAD/USD TUESDAY WKLY OPT WEE | 43 | 0 | - | 5.38 | 693.5% | 35 | 0 | - |

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|-------------------------------|-----------------|-----------------|----------|-----------------|---------|-------------------|-------------------|-----------|
| FX Options | | | | | | | | |
| CAD/USD TUESDAY WKLY OPT WEE | 12 | 0 | - | 51.76 | -77.1% | 28 | 0 | - |
| CAD/USD TUESDAY WKLY OPT WEE | 58 | 0.1 | 60876.9% | 8.71 | 566.1% | 22 | 0 | 269150.0% |
| CAD/USD TUESDAY WKLY OPT WEE | 0 | 0 | - | 0 | - | 5 | 0 | - |
| CAD/USD WKLY FRIDAY OPTIONS - | 43 | 7.95 | 435.7% | 191.52 | -77.8% | 67 | 68 | -1.3% |
| CAD/USD WKLY FRIDAY OPTIONS - | 74 | 56.14 | 32.0% | 161.67 | -54.2% | 108 | 153 | -29.4% |
| CAD/USD WKLY FRIDAY OPTIONS - | 110 | 128.57 | -14.5% | 220.24 | -50.1% | 134 | 247 | -45.7% |
| CAD/USD WKLY FRIDAY OPTIONS - | 176 | 125.71 | 40.0% | 160.57 | 9.6% | 155 | 220 | -29.7% |
| CAD/USD WKLY FRIDAY OPTIONS - | 47 | 125.1 | -62.1% | 18.05 | 162.4% | 51 | 62 | -16.9% |
| CAD/USD WKLY WED OPTIONS - WK | 113 | 23.86 | 372.2% | 82.19 | 37.1% | 72 | 45 | 57.3% |
| CAD/USD WKLY WED OPTIONS - WK | 60 | 10.38 | 473.6% | 83.05 | -28.3% | 54 | 52 | 4.1% |
| CAD/USD WKLY WED OPTIONS - WK | 33 | 36.48 | -9.0% | 81.67 | -59.3% | 51 | 63 | -18.9% |
| CAD/USD WKLY WED OPTIONS - WK | 63 | 18.81 | 232.5% | 40.81 | 53.3% | 60 | 68 | -11.2% |
| CAD/USD WKLY WED OPTIONS - WK | 0 | 0 | - | 62.29 | -100.0% | 19 | 22 | -11.2% |
| CHF/USD MONTHLY OPTIONS | 925 | 194.24 | 376.4% | 556.86 | 66.2% | 424 | 264 | 60.4% |
| CHF/USD WKLY FRIDAY OPTIONS - | 1 | 0.24 | 152.0% | 5.9 | -89.8% | 9 | 5 | 93.8% |
| CHF/USD WKLY FRIDAY OPTIONS - | 99 | 8.19 | 1103.2% | 10.52 | 836.4% | 31 | 4 | 610.7% |
| CHF/USD WKLY FRIDAY OPTIONS - | 332 | 2.71 | 12126.0% | 116.29 | 185.4% | 67 | 5 | 1146.1% |
| CHF/USD WKLY FRIDAY OPTIONS - | 44 | 2.81 | 1457.2% | 112.24 | -61.0% | 77 | 6 | 1225.9% |
| CHF/USD WKLY FRIDAY OPTIONS - | 220 | 0.38 | 57695.3% | 28.57 | 670.7% | 34 | 1 | 4021.2% |
| EUR/GBP MONTHLY OPTIONS | 0 | 4.76 | -100.0% | 0 | - | 0 | 15 | -100.0% |
| EUR/USD MONDAY OPTION WEEK1 | 10 | 19.57 | -47.1% | 47.95 | -78.4% | 67 | 82 | -19.0% |
| EUR/USD MONDAY OPTION WEEK2 | 112 | 135.57 | -17.5% | 52.76 | 112.1% | 88 | 131 | -33.2% |
| EUR/USD MONDAY OPTION WEEK3 | 77 | 152.67 | -49.8% | 138.81 | -44.7% | 81 | 62 | 30.3% |
| EUR/USD MONDAY OPTION WEEK4 | 28 | 41.52 | -32.0% | 34.1 | -17.1% | 76 | 127 | -40.2% |
| EUR/USD MONDAY OPTION WEEK5 | 99 | 34.29 | 189.8% | 0 | - | 21 | 23 | -8.6% |
| EUR/USD MONTHLY OPTIONS | 13,162 | 14,101.43 | -6.7% | 11,412.29 | 15.3% | 13,128 | 13,784 | -4.8% |
| EUR/USD THURSDAY WKLY OPT WE | 184 | 2.43 | 7466.1% | 197.38 | -6.9% | 62 | 0 | 30510.2% |
| EUR/USD THURSDAY WKLY OPT WE | 252 | 0 | - | 6.19 | 3969.1% | 50 | 0 | - |
| EUR/USD THURSDAY WKLY OPT WE | 49 | 1.71 | 2749.6% | 148.33 | -67.1% | 39 | 0 | 26820.5% |
| EUR/USD THURSDAY WKLY OPT WE | 61 | 5.29 | 1052.2% | 0 | - | 43 | 0 | 9607.8% |
| EUR/USD THURSDAY WKLY OPT WE | 0 | 2 | -100.0% | 25.71 | -100.0% | 4 | 0 | 2098.3% |
| EUR/USD TUESDAY WKLY OPT WEE | 86 | 16.71 | 412.4% | 100.9 | -15.1% | 31 | 1 | 2135.4% |
| EUR/USD TUESDAY WKLY OPT WEE | 43 | 15.43 | 176.1% | 33.1 | 28.7% | 31 | 1 | 2334.8% |
| EUR/USD TUESDAY WKLY OPT WEE | 5 | 0 | - | 52.38 | -91.2% | 31 | 0 | - |
| EUR/USD TUESDAY WKLY OPT WEE | 8 | 2.81 | 179.4% | 43.62 | -82.0% | 27 | 0 | 11534.2% |
| EUR/USD TUESDAY WKLY OPT WEE | 0 | 0 | - | 0 | - | 12 | 0 | - |
| EUR/USD WKLY FRIDAY OPTIONS - | 11 | 39.57 | -73.1% | 460.95 | -97.7% | 157 | 272 | -42.4% |
| EUR/USD WKLY FRIDAY OPTIONS - | 380 | 807.95 | -52.9% | 390.38 | -2.6% | 789 | 665 | 18.7% |
| EUR/USD WKLY FRIDAY OPTIONS - | 719 | 1,232.29 | -41.7% | 2,493.86 | -71.2% | 1,283 | 837 | 53.3% |
| EUR/USD WKLY FRIDAY OPTIONS - | 687 | 447.95 | 53.3% | 829.14 | -17.2% | 1,211 | 829 | 46.0% |
| EUR/USD WKLY FRIDAY OPTIONS - | 1,021 | 363.9 | 180.4% | 20.48 | 4883.8% | 223 | 266 | -16.0% |
| EUR/USD WKLY WED OPTIONS - WK | 199 | 204.29 | -2.4% | 236.95 | -15.9% | 248 | 301 | -17.6% |
| EUR/USD WKLY WED OPTIONS - WK | 246 | 219.9 | 12.0% | 217.62 | 13.1% | 292 | 263 | 11.0% |
| EUR/USD WKLY WED OPTIONS - WK | 363 | 220.19 | 64.9% | 276.76 | 31.2% | 253 | 256 | -1.3% |
| EUR/USD WKLY WED OPTIONS - WK | 246 | 138.62 | 77.4% | 316.71 | -22.3% | 239 | 304 | -21.4% |
| EUR/USD WKLY WED OPTIONS - WK | 0 | 0 | - | 319.24 | -100.0% | 86 | 98 | -11.5% |
| EVENT CONTRACT EUR/USD | 229 | 325.86 | -29.8% | 101.76 | 124.6% | 252 | 55 | 362.5% |
| GBP/USD MONDAY OPTION WEEK1 | 21 | 33.48 | -37.7% | 24.71 | -15.6% | 29 | 27 | 10.2% |

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| FX Options | | | | | | | | |
| GBP/USD MONDAY OPTION WEEK2 | 2 | 35.9 | -94.8% | 54.71 | -96.6% | 41 | 47 | -13.1% |
| GBP/USD MONDAY OPTION WEEK3 | 45 | 47.48 | -4.4% | 19.76 | 129.7% | 26 | 19 | 37.2% |
| GBP/USD MONDAY OPTION WEEK4 | 12 | 24.24 | -49.5% | 114.81 | -89.3% | 39 | 27 | 45.6% |
| GBP/USD MONDAY OPTION WEEK5 | 23 | 19.9 | 14.8% | 0 | - | 6 | 15 | -61.1% |
| GBP/USD MONTHLY OPTIONS | 2,245 | 2,996.95 | -25.1% | 2,496.38 | -10.1% | 3,043 | 3,964 | -23.2% |
| GBP/USD THURSDAY WKLY OPT WE | 3 | 0 | - | 5.05 | -36.6% | 11 | 0 | - |
| GBP/USD THURSDAY WKLY OPT WE | 2 | 0 | - | 1.19 | 84.8% | 8 | 0 | - |
| GBP/USD THURSDAY WKLY OPT WE | 80 | 0.19 | 41894.8% | 24.71 | 223.7% | 18 | 0 | 113409.4% |
| GBP/USD THURSDAY WKLY OPT WE | 2 | 30.9 | -93.9% | 0 | - | 6 | 3 | 116.6% |
| GBP/USD THURSDAY WKLY OPT WE | 0 | 1.29 | -100.0% | 3.81 | -100.0% | 2 | 0 | 1548.4% |
| GBP/USD TUESDAY WKLY OPT WEE | 10 | 1.95 | 422.4% | 1.57 | 549.1% | 8 | 0 | 4546.7% |
| GBP/USD TUESDAY WKLY OPT WEE | 2 | 0 | - | 2.86 | -21.3% | 12 | 0 | - |
| GBP/USD TUESDAY WKLY OPT WEE | 8 | 0 | - | 5.05 | 61.5% | 11 | 0 | - |
| GBP/USD TUESDAY WKLY OPT WEE | 3 | 2.71 | -2.4% | 1.33 | 98.8% | 9 | 0 | 3852.4% |
| GBP/USD TUESDAY WKLY OPT WEE | 0 | 0 | - | 0 | - | 2 | 0 | - |
| GBP/USD WKLY FRIDAY OPTIONS - | 0 | 30.14 | -99.3% | 58.33 | -99.7% | 32 | 45 | -30.1% |
| GBP/USD WKLY FRIDAY OPTIONS - | 45 | 85.38 | -47.1% | 91.71 | -50.8% | 131 | 124 | 6.1% |
| GBP/USD WKLY FRIDAY OPTIONS - | 102 | 170.14 | -39.9% | 62.1 | 64.7% | 165 | 175 | -6.0% |
| GBP/USD WKLY FRIDAY OPTIONS - | 93 | 134.57 | -30.6% | 115.14 | -18.8% | 124 | 143 | -13.7% |
| GBP/USD WKLY FRIDAY OPTIONS - | 171 | 150.86 | 13.4% | 28.95 | 490.6% | 44 | 57 | -23.3% |
| GBP/USD WKLY WED OPTIONS - WK | 20 | 91.76 | -78.3% | 19.48 | 2.4% | 36 | 64 | -43.4% |
| GBP/USD WKLY WED OPTIONS - WK | 38 | 50.19 | -24.7% | 5.1 | 641.9% | 41 | 25 | 62.5% |
| GBP/USD WKLY WED OPTIONS - WK | 68 | 56.81 | 20.5% | 34 | 101.3% | 55 | 50 | 8.8% |
| GBP/USD WKLY WED OPTIONS - WK | 11 | 88.24 | -88.0% | 30 | -64.7% | 30 | 60 | -49.1% |
| GBP/USD WKLY WED OPTIONS - WK | 0 | 0 | - | 3.48 | -100.0% | 6 | 5 | 15.8% |
| JPY/USD MONDAY OPTION WEEK1 | 9 | 15.67 | -44.1% | 77.95 | -88.8% | 41 | 28 | 43.3% |
| JPY/USD MONDAY OPTION WEEK2 | 218 | 7.67 | 2742.8% | 83.05 | 162.4% | 77 | 40 | 91.9% |
| JPY/USD MONDAY OPTION WEEK3 | 122 | 8.33 | 1359.2% | 95.19 | 27.7% | 39 | 13 | 200.8% |
| JPY/USD MONDAY OPTION WEEK4 | 37 | 2.71 | 1277.9% | 31.48 | 18.8% | 35 | 64 | -45.2% |
| JPY/USD MONDAY OPTION WEEK5 | 9 | 0.76 | 1087.8% | 0 | - | 27 | 4 | 577.5% |
| JPY/USD MONTHLY OPTIONS | 6,822 | 3,497.57 | 95.1% | 8,918.67 | -23.5% | 5,392 | 6,524 | -17.3% |
| JPY/USD THURSDAY WKLY OPT WE | 20 | 0.48 | 4173.4% | 10.71 | 89.9% | 13 | 0 | 32561.7% |
| JPY/USD THURSDAY WKLY OPT WE | 36 | 0 | - | 0.1 | 37715.1% | 7 | 0 | - |
| JPY/USD THURSDAY WKLY OPT WE | 69 | 3.38 | 1951.2% | 5.57 | 1144.7% | 8 | 0 | 2627.5% |
| JPY/USD THURSDAY WKLY OPT WE | 1 | 1.52 | -37.7% | 0 | - | 4 | 0 | 3244.3% |
| JPY/USD THURSDAY WKLY OPT WE | 0 | 0.95 | -100.0% | 63.38 | -100.0% | 6 | 0 | 7970.3% |
| JPY/USD TUESDAY WKLY OPT WEE | 53 | 0.19 | 27642.8% | 7.33 | 620.7% | 11 | 0 | 66875.0% |
| JPY/USD TUESDAY WKLY OPT WEE | 70 | 0.1 | 73271.8% | 7.38 | 846.3% | 22 | 0 | 281100.0% |
| JPY/USD TUESDAY WKLY OPT WEE | 86 | 0.29 | 30124.0% | 32.81 | 163.2% | 19 | 0 | 81021.3% |
| JPY/USD TUESDAY WKLY OPT WEE | 34 | 0.48 | 7134.4% | 0.14 | 24024.6% | 17 | 0 | 42241.7% |
| JPY/USD TUESDAY WKLY OPT WEE | 0 | 0 | - | 0 | - | 11 | 0 | - |
| JPY/USD WKLY FRIDAY OPTIONS - | 1 | 39.57 | -98.0% | 314.52 | -99.7% | 68 | 159 | -57.4% |
| JPY/USD WKLY FRIDAY OPTIONS - | 170 | 118.95 | 43.0% | 391.1 | -56.5% | 330 | 364 | -9.4% |
| JPY/USD WKLY FRIDAY OPTIONS - | 618 | 430.1 | 43.7% | 539.48 | 14.6% | 414 | 554 | -25.3% |
| JPY/USD WKLY FRIDAY OPTIONS - | 692 | 292.48 | 136.5% | 288.05 | 140.2% | 432 | 494 | -12.4% |
| JPY/USD WKLY FRIDAY OPTIONS - | 262 | 122 | 114.4% | 21.29 | 1129.0% | 99 | 165 | -40.0% |
| JPY/USD WKLY WED OPTIONS - WK | 188 | 372.57 | -49.5% | 121.14 | 55.4% | 172 | 200 | -13.7% |
| JPY/USD WKLY WED OPTIONS - WK | 217 | 243.48 | -11.1% | 323.95 | -33.2% | 155 | 182 | -14.6% |

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| | ADV DEC 2023 | ADV DEC 2022 | % CHG | ADV NOV 2023 | % CHG | ADV Y.T.D 2023 | ADV Y.T.D 2022 | % CHG |
|---------------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| FX Options | | | | | | | | |
| JPY/USD WKLY WED OPTIONS - WK | 579 | 193.57 | 198.9% | 182.67 | 216.7% | 184 | 157 | 17.1% |
| JPY/USD WKLY WED OPTIONS - WK | 304 | 97.33 | 211.9% | 135.57 | 123.9% | 127 | 202 | -37.1% |
| JPY/USD WKLY WED OPTIONS - WK | 0 | 0 | - | 167.76 | -100.0% | 40 | 62 | -35.3% |
| MXN/USD MONTHLY OPTIONS | 95 | 4.33 | 2094.6% | 860.14 | -88.9% | 168 | 67 | 149.3% |
| MXN/USD WKLY FRIDAY OPTIONS - | 0 | 0 | - | 0 | - | 0 | 0 | - |
| MXN/USD WKLY FRIDAY OPTIONS - | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| MXN/USD WKLY FRIDAY OPTIONS - | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| NZD/USD MONTHLY OPTIONS | 0 | 333.52 | -100.0% | 0.71 | -79.0% | 301 | 122 | 146.1% |
| NZD/USD WKLY FRIDAY OPTIONS - | 0 | 0 | - | 0 | - | 0 | 0 | - |
| USD/CNH MONTHLY OPTIONS | 0 | 0 | - | 3.33 | -100.0% | 4 | 0 | - |
| USD/CNH WEEKLY FRIDAY OPTIO W | 0 | 0 | - | 0 | - | 0 | 0 | - |
| ZAR/USD MONTHLY OPTIONS | 0 | 2.38 | -100.0% | 0 | - | 3 | 0 | 1365.9% |
| Equity Index Futures | | | | | | | | |
| AIR | 9,340 | 3,077.76 | 203.5% | 6,167.38 | 51.4% | 4,739 | 2,802 | 69.1% |
| BITCOIN | 12,178 | 7,448.33 | 63.5% | 13,363.71 | -8.9% | 11,211 | 10,735 | 4.4% |
| DJ US REAL ESTATE SECTOR | 8,499 | 7,997.24 | 6.3% | 2,062.95 | 312.0% | 3,667 | 3,917 | -6.4% |
| E-mini (\$5) Dow | 139,733 | 184,554.81 | -24.3% | 132,949.38 | 5.1% | 170,008 | 203,321 | -16.4% |
| E-mini FTSE China 50 | 0 | 2.62 | -100.0% | 0 | - | 0 | 30 | -99.4% |
| E-MINI MIDCAP | 18,591 | 16,354.86 | 13.7% | 14,516.43 | 28.1% | 13,847 | 15,841 | -12.6% |
| E-MINI NASDAQ 100 | 636,647 | 663,153.29 | -4.0% | 601,685.33 | 5.8% | 667,902 | 704,678 | -5.2% |
| E-MINI RUSSELL 1000 | 803 | 725.9 | 10.6% | 383.29 | 109.4% | 451 | 593 | -23.9% |
| E-MINI RUSSELL 1000 GROWTH | 1,050 | 496.9 | 111.3% | 225.52 | 365.6% | 324 | 414 | -21.7% |
| E-MINI RUSSELL 1000 VALUE | 3,419 | 2,958.9 | 15.6% | 552.48 | 518.9% | 1,017 | 1,198 | -15.2% |
| E-MINI RUSSELL 2000 | 312,805 | 239,790 | 30.4% | 222,310.19 | 40.7% | 229,858 | 241,320 | -4.7% |
| E-MINI S&P500 | 1,925,936 | 2,011,590.33 | -4.3% | 1,509,390.81 | 27.6% | 1,810,808 | 2,007,787 | -9.8% |
| E-MINI S&P500 ESG | 3,294 | 2,601.71 | 26.6% | 767.05 | 329.4% | 1,322 | 1,556 | -15.0% |
| ETHER | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| ETHER FUTURES | 6,316 | 3,706.95 | 70.4% | 6,611.33 | -4.5% | 5,127 | 6,262 | -18.1% |
| FT-SE 100 | 2 | 0 | - | 0 | - | 4 | 6 | -42.5% |
| IBOVESPA INDEX | 2 | 3 | -45.0% | 0.1 | 1633.2% | 1 | 3 | -47.2% |
| MICRO BITCOIN | 14,132 | 5,558.76 | 154.2% | 12,511.48 | 13.0% | 10,299 | 14,670 | -29.8% |
| MICRO E-MINI NASDAQ 100 | 959,817 | 1,096,418.33 | -12.5% | 1,000,769.14 | -4.1% | 1,092,341 | 1,453,985 | -24.9% |
| MICRO E-MINI RUSSELL 2000 | 94,777 | 82,744.81 | 14.5% | 72,601.95 | 30.5% | 77,812 | 130,807 | -40.5% |
| MICRO E-MINI S&P500 | 710,234 | 1,241,675.9 | -42.8% | 777,118.67 | -8.6% | 993,089 | 1,370,415 | -27.5% |
| MICRO ETHER | 17,122 | 9,031.1 | 89.6% | 10,433.19 | 64.1% | 9,382 | 19,582 | -52.1% |
| MICRO MINI \$5 DOW | 59,289 | 138,518.43 | -57.2% | 67,286.9 | -11.9% | 101,105 | 179,017 | -43.5% |
| NASDAQ-100 VOLATILITY | 0 | 38.43 | -100.0% | 0 | - | 13 | 77 | -83.4% |
| NASDAQ BIOTECH SECTOR | 1 | 28.33 | -96.5% | 0.19 | 424.9% | 6 | 11 | -46.4% |
| Nearby BTIC+ | 0 | 0 | - | 0 | - | 0 | 30 | -100.0% |
| NIKKEI 225 (\$) STOCK | 7,881 | 6,278.86 | 25.5% | 5,701.43 | 38.2% | 6,816 | 5,588 | 22.0% |
| NIKKEI 225 (YEN) STOCK | 31,555 | 32,615.81 | -3.3% | 29,480.48 | 7.0% | 30,992 | 36,706 | -15.6% |
| PHLX SEMICONDUCTOR SECTOR | 144 | 9.62 | 1401.2% | 130.9 | 10.3% | 56 | 8 | 557.1% |
| S&P 500 | 423 | 1,270.48 | -66.7% | 631.86 | -33.0% | 637 | 788 | -19.2% |
| S&P 500 ANNUAL DIVIDEND INDEX F | 2,927 | 3,293.81 | -11.1% | 3,932.76 | -25.6% | 3,640 | 3,919 | -7.1% |
| S&P 500 QUARLY DIVIDEND INDEX F | 930 | 405.38 | 129.5% | 882.48 | 5.4% | 716 | 232 | 208.0% |

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| | ADV DEC 2023 | ADV DEC 2022 | % CHG | ADV NOV 2023 | % CHG | ADV Y.T.D 2023 | ADV Y.T.D 2022 | % CHG |
|-------------------------------|-----------------|-----------------|--------|-----------------|---------|-------------------|-------------------|---------|
| Equity Index Futures | | | | | | | | |
| S&P 600 SMALLCAP EMINI | 87 | 0 | - | 6.52 | 1238.9% | 17 | 0 | - |
| S&P BIOTECHNOLOGY SECTOR | 64 | 69.76 | -8.9% | 40.1 | 58.5% | 50 | 43 | 15.9% |
| S&P COMMUNICATION SERVICES S | 1,067 | 304.76 | 250.1% | 86.76 | 1129.7% | 347 | 202 | 71.7% |
| S&P CONSUMER DISCRETIONARY S | 1,060 | 544.62 | 94.5% | 349.29 | 203.3% | 562 | 611 | -8.0% |
| S&P CONSUMER STAPLES SECTOR | 3,552 | 2,744.33 | 29.4% | 670.38 | 429.8% | 1,735 | 1,426 | 21.6% |
| S&P ENERGY SECTOR | 5,468 | 4,854.14 | 12.6% | 2,105.14 | 159.7% | 2,480 | 3,276 | -24.3% |
| S&P FINANCIAL SECTOR | 4,595 | 3,789.48 | 21.3% | 680.48 | 575.3% | 2,287 | 1,857 | 23.2% |
| S&P HEALTH CARE SECTOR | 1,697 | 1,753.48 | -3.2% | 478.33 | 254.8% | 1,092 | 1,262 | -13.5% |
| S&P INDUSTRIAL SECTOR | 2,947 | 2,799.33 | 5.3% | 594.52 | 395.6% | 1,151 | 1,532 | -24.8% |
| S&P MATERIALS SECTOR | 1,706 | 980.24 | 74.1% | 434.43 | 292.8% | 857 | 752 | 13.9% |
| S&P OIL & GAS EXPLORATION AND | 37 | 16.19 | 129.1% | 22.19 | 67.2% | 17 | 20 | -13.3% |
| S&P REAL ESTATE SECTOR | 1,887 | 1,336.14 | 41.2% | 277.43 | 580.3% | 607 | 391 | 55.1% |
| S&P REGIONAL BANKS SECTOR | 146 | 15.9 | 816.7% | 119.86 | 21.6% | 85 | 11 | 643.4% |
| S&P RETAIL SECTOR | 31 | 20.14 | 55.6% | 31.24 | 0.4% | 28 | 14 | 95.6% |
| S&P TECHNOLOGY SECTOR | 1,828 | 1,743.19 | 4.8% | 599.62 | 204.8% | 956 | 1,265 | -24.4% |
| S&P UTILITIES SECTOR | 3,918 | 3,080.19 | 27.2% | 2,047.29 | 91.4% | 2,553 | 1,791 | 42.5% |
| TOPIX (USD) | 5 | 2.57 | 104.2% | 2.86 | 83.8% | 4 | 0 | 1084.3% |
| TOPIX (YEN) | 27 | 13.43 | 97.7% | 23.52 | 12.9% | 16 | 81 | -80.5% |
| WATER INDEX FUTURES | 0 | 0.29 | -65.0% | 0.86 | -88.3% | 1 | 2 | -71.8% |

Equity Index Options

| | | | | | | | | |
|-------------------------|-----------|--------------|---------|--------------|--------|-----------|-----------|---------|
| BITCOIN OPTIONS | 490 | 128 | 282.7% | 285.38 | 71.6% | 342 | 149 | 129.3% |
| DJIA | 86 | 357.81 | -76.0% | 61.14 | 40.6% | 261 | 64 | 310.5% |
| E-mini (\$5) Dow | 16 | 121.48 | -86.7% | 5.81 | 178.9% | 26 | 111 | -76.1% |
| E-MINI NASDAQ 100 | 69,935 | 37,628.33 | 85.9% | 66,802 | 4.7% | 67,118 | 47,061 | 42.6% |
| E-MINI RUSSELL 2000 | 19,722 | 5,117.14 | 285.4% | 15,069.62 | 30.9% | 8,460 | 6,216 | 36.1% |
| E-MINI S&P500 | 1,479,795 | 1,117,840.76 | 32.4% | 1,441,702.52 | 2.6% | 1,339,118 | 1,145,479 | 16.9% |
| ETHER OPTIONS | 174 | 15.38 | 1032.9% | 193.1 | -9.8% | 127 | 6 | 2177.7% |
| EVENT CONTRACT S&P 500 | 88 | 0 | - | 220.24 | -60.1% | 289 | 0 | - |
| MICRO BITCOIN | 701 | 51.1 | 1272.0% | 997.57 | -29.7% | 630 | 313 | 101.2% |
| MICRO E-MINI NASDAQ 100 | 2,197 | 2,161.67 | 1.6% | 2,643.33 | -16.9% | 2,694 | 2,545 | 5.9% |
| Micro E-mini S&P 500 | 12,407 | 11,963.19 | 3.7% | 17,675.48 | -29.8% | 12,571 | 11,330 | 11.0% |
| MICRO ETHER | 1,544 | 52.05 | 2867.0% | 4,495.33 | -65.6% | 1,322 | 1,389 | -4.8% |

Interest Rate Futures

| | | | | | | | | |
|-----------------------------|-----------|--------------|---------|--------------|--------|-----------|-----------|---------|
| 10-YR Eris LIBOR | 0 | 1,374.43 | -100.0% | 0 | - | 102 | 749 | -86.4% |
| 10-YR Eris SOFR | 1,804 | 45.05 | 3905.4% | 583.9 | 209.0% | 848 | 47 | 1700.1% |
| 10-YR MAC LIBOR | 0 | 1,888.48 | -100.0% | 0 | - | 250 | 1,286 | -80.5% |
| 10-YR MAC SOFR | 0 | 0 | - | 0 | - | 0 | 0 | 800.0% |
| 10-YR NOTE | 1,602,696 | 1,213,485.14 | 32.1% | 3,007,906.43 | -46.7% | 1,993,033 | 1,841,144 | 8.2% |
| 10Y YIELD | 5,563 | 1,365.95 | 307.3% | 7,281.57 | -23.6% | 5,195 | 4,423 | 17.4% |
| 13-Week U.S. T-Bill Futures | 453 | 0 | - | 762.57 | -40.6% | 175 | 0 | - |
| 15-YR Eris LIBOR | 0 | 0 | - | 0 | - | 0 | 6 | -100.0% |
| 1-MONTH EURODOLLAR | 0 | 0.43 | -100.0% | 0 | - | 4 | 310 | -98.7% |

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| | ADV DEC 2023 | ADV DEC 2022 | % CHG | ADV NOV 2023 | % CHG | ADV Y.T.D 2023 | ADV Y.T.D 2022 | % CHG |
|------------------------------------|-----------------|-----------------|----------|-----------------|---------|-------------------|-------------------|-----------|
| Interest Rate Futures | | | | | | | | |
| 1-YR Eris BSBY | 0 | 0 | - | 0 | - | 0 | 6 | -100.0% |
| 1-YR Eris SOFR | 131 | 311.48 | -58.1% | 134.19 | -2.8% | 201 | 918 | -78.1% |
| 20-YR BOND | 0 | 32.81 | -100.0% | 2.19 | -100.0% | 16 | 153 | -89.8% |
| 2-YR Eris LIBOR | 0 | 5,861.86 | -100.0% | 0 | - | 382 | 3,612 | -89.4% |
| 2-YR Eris SOFR | 1,871 | 844.52 | 121.5% | 255.24 | 633.0% | 1,032 | 593 | 74.1% |
| 2-YR NOTE | 695,470 | 394,423.67 | 76.3% | 1,464,549.52 | -52.5% | 814,657 | 676,604 | 20.4% |
| 2Y YIELD | 205 | 291.48 | -29.7% | 213.19 | -3.8% | 285 | 378 | -24.4% |
| 30-Year UMBS TBA Futures - 2.5% Co | 0 | 8.1 | -100.0% | 0 | - | 4 | 1 | 364.9% |
| 30-Year UMBS TBA Futures - 3.0% Co | 56 | 7.52 | 637.7% | 13.24 | 319.2% | 22 | 1 | 1845.1% |
| 30-Year UMBS TBA Futures - 3.5% Co | 59 | 16.48 | 256.9% | 31.43 | 87.1% | 28 | 4 | 603.7% |
| 30-Year UMBS TBA Futures - 4.0% Co | 55 | 5.95 | 824.0% | 23.57 | 133.3% | 36 | 2 | 2057.5% |
| 30-Year UMBS TBA Futures - 4.5% Co | 54 | 18.19 | 198.5% | 69.14 | -21.5% | 61 | 2 | 2550.8% |
| 30-Year UMBS TBA Futures - 5.0% Co | 125 | 62.86 | 98.2% | 161.81 | -23.0% | 83 | 7 | 1098.4% |
| 30-Year UMBS TBA Futures - 5.5% Co | 160 | 2.86 | 5500.1% | 136 | 17.6% | 88 | 0 | 36854.0% |
| 30-Year UMBS TBA Futures - 6.0% Co | 205 | 0.29 | 71531.1% | 148 | 38.3% | 80 | 0 | 335916.7% |
| 30-YR BOND | 432,241 | 265,454.71 | 62.8% | 679,776.9 | -36.4% | 446,054 | 387,858 | 15.0% |
| 30-YR Eris LIBOR | 0 | 0 | - | 0 | - | 0 | 3 | -100.0% |
| 30-YR MAC LIBOR | 0 | 0 | - | 0 | - | 0 | 17 | -100.0% |
| 30-YR SWAP RATE | 0 | 0 | - | 0 | - | 0 | 0 | - |
| 30Y YIELD | 16 | 157.67 | -90.1% | 47.86 | -67.4% | 50 | 435 | -88.4% |
| 3-YR Eris BSBY | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| 3-YR Eris LIBOR | 0 | 1,079.05 | -100.0% | 0 | - | 68 | 963 | -92.9% |
| 3-YR Eris SOFR | 512 | 910.57 | -43.8% | 110 | 365.0% | 330 | 483 | -31.6% |
| 3-YR NOTE | 7,263 | 5,409.38 | 34.3% | 7,779.43 | -6.6% | 6,009 | 14,531 | -58.6% |
| 4-YR Eris LIBOR | 0 | 30.24 | -100.0% | 0 | - | 6 | 253 | -97.8% |
| 4-YR Eris SOFR | 243 | 171 | 42.2% | 44.38 | 447.9% | 95 | 84 | 12.2% |
| 5-YR Eris LIBOR | 0 | 1,608.05 | -100.0% | 0 | - | 246 | 1,765 | -86.1% |
| 5-YR Eris SOFR | 4,943 | 414.19 | 1093.3% | 1,120.52 | 341.1% | 1,921 | 172 | 1013.8% |
| 5-YR MAC LIBOR | 0 | 1,450.43 | -100.0% | 0 | - | 183 | 1,653 | -89.0% |
| 5-YR MAC SOFR | 0 | 0 | - | 0 | - | 0 | 0 | - |
| 5-YR NOTE | 1,143,846 | 796,239.86 | 43.7% | 2,740,658.71 | -58.3% | 1,557,615 | 1,301,992 | 19.6% |
| 5Y YIELD | 0 | 5.43 | -100.0% | 0 | - | 4 | 90 | -95.7% |
| 7-YR Eris LIBOR | 0 | 63.19 | -100.0% | 0 | - | 22 | 181 | -88.0% |
| 7-YR Eris SOFR | 210 | 61.52 | 240.9% | 69.48 | 201.9% | 69 | 49 | 40.6% |
| BSBY 3-MONTH FUTURES | 14 | 449.19 | -96.9% | 9.29 | 49.7% | 130 | 2,268 | -94.2% |
| ESTR Basis Spread Futures | 216 | 40.9 | 428.8% | 59.62 | 262.8% | 77 | 10 | 665.0% |
| ESTR Futures | 12,558 | 530.19 | 2268.6% | 13,137.9 | -4.4% | 6,336 | 67 | 9377.5% |
| EURODOLLARS | 0 | 480,649.76 | -100.0% | 0 | - | 113,279 | 1,569,803 | -92.8% |
| FED FUND | 313,727 | 229,271.86 | 36.8% | 346,266.76 | -9.4% | 441,983 | 334,644 | 32.1% |
| FTIIE | 0 | 6.19 | -100.0% | 0 | - | 7 | 5 | 52.1% |
| SOFR | 3,518,626 | 1,944,339.38 | 81.0% | 3,964,619.62 | -11.2% | 3,395,492 | 1,760,945 | 92.8% |
| SONIA | 0 | 97.9 | -99.7% | 1.19 | -79.0% | 6 | 13 | -53.9% |
| UBSBM | 47 | 0 | - | 180.95 | -74.3% | 25 | 0 | - |
| Ultra 10-Year Note | 500,687 | 281,391.48 | 77.9% | 851,801.9 | -41.2% | 502,278 | 381,080 | 31.8% |
| ULTRA T-BOND | 304,065 | 169,476.24 | 79.4% | 571,506.14 | -46.8% | 311,437 | 238,796 | 30.4% |

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| | ADV DEC 2023 | ADV DEC 2022 | % CHG | ADV NOV 2023 | % CHG | ADV Y.T.D 2023 | ADV Y.T.D 2022 | % CHG |
|-------------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Interest Rate Options | | | | | | | | |
| 10-YR NOTE | 706,957 | 617,821.43 | 14.4% | 882,676.48 | -19.9% | 708,342 | 655,626 | 8.0% |
| 2-YR NOTE | 16,884 | 12,825.05 | 31.7% | 25,079.62 | -32.7% | 22,983 | 5,002 | 359.4% |
| 30-YR BOND | 148,663 | 93,919.05 | 58.3% | 173,237.71 | -14.2% | 141,327 | 115,098 | 22.8% |
| 5-YR NOTE | 189,964 | 155,130.62 | 22.5% | 212,129.62 | -10.4% | 275,936 | 241,005 | 14.5% |
| EURODOLLARS | 0 | 376,608.14 | -100.0% | 0 | - | 38,270 | 570,956 | -93.3% |
| EURO MIDCURVE | 0 | 20,093.81 | -100.0% | 0 | - | 2,391 | 262,264 | -99.1% |
| FED FUND | 0 | 0 | - | 95.24 | -100.0% | 8 | 16 | -50.3% |
| SOFR | 1,483,109 | 618,646.14 | 139.7% | 1,381,204.62 | 7.4% | 1,394,010 | 342,919 | 306.5% |
| SOFR MIDCURVE | 333,103 | 217,898.81 | 52.9% | 466,577.48 | -28.6% | 332,343 | 96,850 | 243.2% |
| SOFR MISCURVE | 0 | 0 | - | 0 | - | 3 | 0 | - |
| Ultra 10-Year Note | 469 | 22.81 | 1954.4% | 455.24 | 2.9% | 235 | 5 | 4333.4% |
| ULTRA 10-YEAR NOTE | 20 | 0 | - | 14 | 39.3% | 3 | 0 | - |
| ULTRA T-BOND | 1,100 | 53.76 | 1946.3% | 888 | 23.9% | 408 | 103 | 298.0% |
| Energy Futures | | | | | | | | |
| AEP-DAYTON HUB DAILY | 0 | 0 | - | 0 | - | 0 | 0 | - |
| ARGUS LLS VS. WTI (ARG) T | 207 | 92.86 | 122.9% | 134.05 | 54.4% | 169 | 260 | -35.0% |
| ARGUS PROPAN FAR EST INDE | 298 | 328.43 | -9.3% | 429.81 | -30.7% | 440 | 292 | 50.8% |
| ARGUS PROPAN(SAUDI ARAMCO | 82 | 91.62 | -10.7% | 145.86 | -43.9% | 134 | 97 | 38.3% |
| BRENT BALMO SWAP | 0 | 0 | - | 0 | - | 0 | 6 | -94.6% |
| BRENT CALENDAR SWAP | 21 | 477.14 | -95.6% | 320.62 | -93.4% | 402 | 653 | -38.4% |
| BRENT FINANCIAL FUTURES | 0 | 11.43 | -100.0% | 0 | - | 1 | 2 | -26.2% |
| BRENT OIL LAST DAY | 54,151 | 54,388.14 | -0.4% | 65,886.1 | -17.8% | 60,182 | 69,159 | -13.0% |
| CAR VINTAGE | 1,032 | 796.62 | 29.5% | 1,367.14 | -24.5% | 809 | 741 | 9.1% |
| CEU ENERGY | 245 | 0 | - | 358.67 | -31.7% | 52 | 0 | - |
| CHICAGO ETHANOL SWAP | 3,793 | 2,105.43 | 80.2% | 4,001.43 | -5.2% | 3,723 | 2,778 | 34.0% |
| CHICAGO ULSD PL VS HO SPR | 50 | 15.71 | 215.0% | 30.05 | 64.7% | 46 | 30 | 54.1% |
| CHICAGO UNL GAS PL VS RBO | 5 | 0 | - | 14.29 | -65.0% | 2 | 0 | - |
| CONWAY NATURAL GASOLINE (OPI | 17 | 6.24 | 167.7% | 6.24 | 167.7% | 5 | 12 | -62.3% |
| CONWAY NORMAL BUTANE (OPIS) S | 15 | 24.81 | -40.5% | 14.86 | -0.7% | 22 | 18 | 19.2% |
| CONWAY PROPANE 5 DECIMALS S | 545 | 1,313.24 | -58.5% | 670.86 | -18.7% | 840 | 830 | 1.2% |
| CRUDE OIL | 0 | 0 | - | 0 | - | 0 | 4 | -100.0% |
| CRUDE OIL LAST DAY | 112 | 195.14 | -42.4% | 15.52 | 623.7% | 26 | 35 | -26.0% |
| CRUDE OIL OUTRIGHTS | 7,460 | 3,646.9 | 104.6% | 5,218.19 | 43.0% | 6,812 | 3,684 | 84.9% |
| CRUDE OIL PHY | 781,473 | 792,793.62 | -1.4% | 887,489.76 | -11.9% | 914,803 | 940,553 | -2.7% |
| CRUDE OIL SPRDS | 2,139 | 2,201.33 | -2.8% | 2,641.9 | -19.0% | 2,914 | 2,509 | 16.2% |
| CRUDE OIL TRADE AT MARKER SIN | 0 | 0 | - | 0 | - | 0 | 0 | - |
| DAILY PJM | 0 | 0 | - | 0 | - | 0 | 0 | - |
| DATED TO FRONTLINE BRENT | 0 | 0 | - | 0 | - | 0 | 9 | -100.0% |
| DIESEL 10P BRG FOB RDM VS | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| DUBAI CRUDE OIL CALENDAR | 15 | 0 | - | 71.43 | -79.0% | 16 | 8 | 105.8% |
| DUTCH TTF NATURAL GAS CAL MO | 1,254 | 0 | - | 2,028.38 | -38.2% | 1,247 | 58 | 2042.8% |
| EIA FLAT TAX ONHWAY DIESE | 1 | 13.9 | -93.5% | 8.57 | -89.5% | 7 | 9 | -19.3% |
| EMMISSIONS | 56 | 54.48 | 1.9% | 128.52 | -56.8% | 109 | 94 | 15.7% |
| ETHANOL | 0 | 0 | - | 0 | - | 0 | 0 | 261.8% |
| ETHANOL SWAP | 4 | 10.95 | -63.5% | 6.19 | -35.4% | 12 | 9 | 32.4% |

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|-------------------------------|-----------------|-----------------|----------|-----------------|---------|-------------------|-------------------|---------|
| Energy Futures | | | | | | | | |
| ETHANOL T2 FOB ROTT INCL DUTY | 82 | 138.81 | -41.3% | 250 | -67.4% | 195 | 165 | 18.0% |
| EURO 3.5% FUEL OIL RDAM B | 0 | 0 | - | 0 | - | 1 | 0 | - |
| EURO GASOIL 10 CAL SWAP | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| EURO GASOIL 10PPM VS ICE | 0 | 0 | - | 0 | - | 0 | 5 | -100.0% |
| EUROPE 1% FUEL OIL NWE CA | 0 | 0 | - | 0 | - | 0 | 0 | - |
| EUROPE 3.5% FUEL OIL RDAM | 3 | 0.14 | 1684.5% | 2.9 | -12.2% | 2 | 2 | -24.9% |
| EUROPEAN GASOIL (ICE) | 27 | 0.29 | 9263.0% | 1.57 | 1602.3% | 4 | 54 | -93.3% |
| EUROPEAN NAPHTHA BALMO | 0 | 0.19 | -100.0% | 0 | - | 1 | 1 | -40.7% |
| EUROPEAN NAPHTHA CRACK SPR | 134 | 29.29 | 359.1% | 103.19 | 30.3% | 154 | 89 | 73.1% |
| EUROPE DATED BRENT SWAP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| EUROPE NAPHTHA CALSWAP | 19 | 36.52 | -48.0% | 41.9 | -54.7% | 41 | 30 | 39.1% |
| EURO PROPANE CIF ARA SWA | 41 | 69.33 | -41.4% | 85.48 | -52.5% | 92 | 84 | 9.4% |
| FREIGHT MARKETS | 37 | 0.33 | 11136.1% | 34.29 | 9.2% | 13 | 12 | 7.1% |
| FUEL OIL CRACK VS ICE | 15 | 0 | - | 0 | - | 1 | 5 | -75.5% |
| FUEL OIL NWE CRACK VS ICE | 0 | 0 | - | 0 | - | 0 | 0 | -54.4% |
| FUELOIL SWAP:CARGOES VS.B | 0 | 0 | - | 0 | - | 0 | 0 | - |
| GAS EURO-BOB OXY NWE BARGES | 13 | 3.05 | 323.3% | 11.33 | 13.8% | 14 | 9 | 61.9% |
| GAS EURO-BOB OXY NWE BARGES | 44 | 39.48 | 11.7% | 79.67 | -44.6% | 94 | 107 | -12.1% |
| GASOIL 0.1CIF MED VS ICE | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| GASOIL 0.1 RDAM BRGS VS I | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| GASOIL 0.1 ROTTERDAM BARG | 0 | 0 | - | 0 | - | 0 | 0 | -98.7% |
| GASOIL 10PPM VS ICE SWAP | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| GASOIL CALENDAR SWAP | 0 | 0 | - | 0.43 | -30.0% | 0 | 4 | -91.7% |
| GASOIL CRACK SPREAD CALEN | 4 | 0 | - | 8.57 | -56.2% | 3 | 44 | -92.9% |
| GASOIL MINI CALENDAR SWAP | 7 | 1.9 | 283.2% | 12.33 | -40.8% | 10 | 13 | -24.1% |
| GERMAN POWER BASELOAD CAL M | 0 | 0 | - | 0 | - | 0 | 0 | - |
| GRP THREE ULSD(PLT)VS HEA | 238 | 163.1 | 45.6% | 216.1 | 9.9% | 199 | 210 | -4.9% |
| GRP THREE UNL GS (PLT) VS | 217 | 191.67 | 13.1% | 102.38 | 111.7% | 134 | 145 | -7.6% |
| GULF COAST 3% FUEL OIL BA | 0 | 0.48 | -100.0% | 0 | - | 0 | 4 | -100.0% |
| GULF COAST JET VS NYM 2 H | 269 | 236.14 | 13.8% | 281.43 | -4.5% | 429 | 422 | 1.8% |
| GULF COAST NO.6 FUEL OIL | 606 | 736.67 | -17.8% | 834.33 | -27.4% | 839 | 636 | 31.9% |
| GULF COAST ULSD CALENDAR | 5 | 14.38 | -65.2% | 8.57 | -41.7% | 8 | 9 | -10.0% |
| GULF COAST ULSD CRACK SPR | 0 | 0 | - | 0 | - | 0 | 0 | - |
| HEATING OIL BALMO CLNDR S | 157 | 8.43 | 1763.9% | 9.52 | 1549.6% | 20 | 15 | 34.5% |
| HEATING OIL CRCK SPRD BAL | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| HEATING OIL PHY | 133,654 | 139,268.05 | -4.0% | 161,447.67 | -17.2% | 157,191 | 158,043 | -0.5% |
| HENRY HUB SWAP | 986 | 1,715.62 | -42.5% | 1,214.76 | -18.8% | 1,405 | 1,320 | 6.5% |
| HTG OIL | 0 | 0 | - | 0 | - | 0 | 0 | -10.8% |
| ICE BRENT DUBAI SWAP | 0 | 0 | - | 0 | - | 2 | 10 | -82.7% |
| INDONESIAN COAL ICI4 | 0 | 0 | - | 0 | - | 0 | 0 | - |
| JAPAN C&F NAPHTHA CRACK S | 0 | 0 | - | 0 | - | 0 | 2 | -97.7% |
| JAPAN C&F NAPHTHA SWAP | 3 | 6 | -48.3% | 11.43 | -72.9% | 8 | 5 | 59.6% |
| JAPAN NAPHTHA BALMO SWAP | 0 | 0.38 | -100.0% | 0 | - | 0 | 0 | 150.9% |
| JET CIF NWE VS ICE | 1 | 4.29 | -86.0% | 1.43 | -58.0% | 1 | 6 | -85.5% |
| JET FUEL UP-DOWN BALMO CL | 26 | 62.14 | -57.8% | 9.52 | 175.6% | 45 | 66 | -32.5% |
| JKM LNG Futures | 0 | 0 | - | 0 | - | 0 | 14 | -100.0% |
| LA CARB DIESEL (OPIS) SWA | 6 | 3.57 | 54.0% | 5.43 | 1.3% | 12 | 10 | 20.6% |
| LA CARBOB GASOLINE(OPIS)S | 0 | 0 | - | 0 | - | 1 | 0 | - |

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|--------------------------------|-----------------|-----------------|---------|-----------------|--------|-------------------|-------------------|---------|
| Energy Futures | | | | | | | | |
| LA JET (OPIS) SWAP | 15 | 35.71 | -59.4% | 2.38 | 509.0% | 23 | 17 | 37.8% |
| LLS (ARGUS) VS WTI SWAP | 0 | 7.62 | -100.0% | 0 | - | 2 | 1 | 134.1% |
| LTD NAT GAS | 22,950 | 23,247.67 | -1.3% | 21,819.57 | 5.2% | 17,847 | 17,486 | 2.1% |
| MARS (ARGUS) VS WTI SWAP | 0 | 0 | - | 0 | - | 0 | 7 | -100.0% |
| MARS (ARGUS) VS WTI TRD M | 513 | 507.48 | 1.1% | 175 | 193.1% | 691 | 713 | -3.0% |
| MCCLOSKEY ARA ARGS COAL | 8 | 52.71 | -84.3% | 40.71 | -79.7% | 44 | 227 | -80.6% |
| MCCLOSKEY RCH BAY COAL | 0 | 0.95 | -100.0% | 0 | - | 0 | 17 | -98.7% |
| MINI GAS EUROBOB OXY NWE ARG | 0 | 0 | - | 0 | - | 1 | 1 | -50.4% |
| MINI RBOB V. EBOBARG NWE BRGS | 0 | 0 | - | 0 | - | 1 | 0 | 522.5% |
| MINI RBOB V. EBOB(ARGUS) NWE B | 4 | 18.95 | -81.3% | 5.19 | -31.6% | 6 | 15 | -60.3% |
| MINY HTG OIL | 0 | 0.38 | -8.1% | 0.71 | -51.0% | 1 | 0 | 20.1% |
| MINY NATURAL GAS | 8,240 | 18,170 | -54.7% | 8,775.14 | -6.1% | 10,317 | 15,111 | -31.7% |
| MINY RBOB GAS | 0 | 0.29 | 22.5% | 0.24 | 47.0% | 0 | 0 | 3.4% |
| MINY WTI CRUDE OIL | 10,886 | 18,408.57 | -40.9% | 13,670.05 | -20.4% | 14,550 | 27,652 | -47.4% |
| MJC FUT | 0 | 0 | - | 0 | - | 0 | 0 | - |
| MNC FUT | 12 | 66.67 | -82.2% | 32.29 | -63.3% | 41 | 80 | -48.8% |
| MONT BELVIEU ETHANE 5 DECIMAL | 1,560 | 1,344.43 | 16.0% | 1,241.43 | 25.7% | 1,524 | 1,708 | -10.7% |
| MONT BELVIEU ETHANE OPIS BALM | 25 | 35.95 | -29.8% | 28.57 | -11.6% | 31 | 43 | -27.4% |
| MONT BELVIEU LDH PROPANE 5 DE | 7,998 | 10,558.9 | -24.3% | 9,367.43 | -14.6% | 10,585 | 8,447 | 25.3% |
| MONT BELVIEU LDH PROPANE OPIS | 105 | 157.67 | -33.2% | 67.43 | 56.3% | 102 | 131 | -21.9% |
| MONT BELVIEU NATURAL GASOLIN | 480 | 1,463.29 | -67.2% | 690.29 | -30.4% | 1,085 | 1,186 | -8.6% |
| MONT BELVIEU NATURAL GASOLIN | 22 | 83.57 | -73.4% | 36.38 | -39.0% | 56 | 82 | -31.5% |
| MONT BELVIEU NORMAL BUTANE 5 | 3,109 | 2,528.76 | 22.9% | 3,145.67 | -1.2% | 3,268 | 2,625 | 24.5% |
| MONT BELVIEU NORMAL BUTANE B | 78 | 80.86 | -4.0% | 63.33 | 22.5% | 55 | 73 | -24.8% |
| NATURAL GAS | 9,765 | 6,793.86 | 43.7% | 11,268.05 | -13.3% | 9,682 | 7,923 | 22.2% |
| NATURAL GAS PEN SWP | 1,534 | 1,623.43 | -5.5% | 1,182.05 | 29.8% | 1,163 | 2,042 | -43.1% |
| NATURAL GAS PHY | 498,274 | 349,649.24 | 42.5% | 420,141.1 | 18.6% | 409,130 | 342,134 | 19.6% |
| NEPOOL INTR HUB 5MW D AH | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NEW ENGLAND HUB PEAK DAIL | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NEW YORK ETHANOL SWAP | 50 | 14.05 | 252.4% | 40 | 23.8% | 36 | 39 | -7.4% |
| NEW YORK HUB ZONE G PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| N ILLINOIS HUB DAILY | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NY1% VS GC SPREAD SWAP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NY HARBOR HEAT OIL SWP | 367 | 94.48 | 288.1% | 114.05 | 221.5% | 128 | 71 | 80.7% |
| NY HARBOR LOW SULPUR GAS 100C | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NY HARBOR RESIDUAL FUEL 1 | 0 | 6.19 | -100.0% | 0 | - | 3 | 6 | -51.6% |
| NYH NO 2 CRACK SPREAD CAL | 43 | 15.71 | 175.9% | 27.52 | 57.5% | 137 | 69 | 97.1% |
| NYISO ZONE G 5MW D AH PK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NY ULSD (ARGUS) VS HEATING OIL | 8 | 40.24 | -80.1% | 62.71 | -87.2% | 57 | 29 | 98.3% |
| PETROCHEMICALS | 162 | 151.33 | 7.0% | 180 | -10.0% | 187 | 163 | 14.1% |
| PETRO CRCKS & SPRDS ASIA | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PETRO CRCKS & SPRDS NA | 942 | 748.14 | 25.9% | 1,026.57 | -8.3% | 802 | 888 | -9.7% |
| PETRO CRK&SPRD EURO | 36 | 16.14 | 124.9% | 24.48 | 48.3% | 29 | 39 | -24.2% |
| PETROLEUM PRODUCTS | 18 | 56.29 | -67.2% | 10.9 | 69.2% | 56 | 94 | -40.5% |
| PETROLEUM PRODUCTS ASIA | 3 | 24.86 | -88.9% | 5.71 | -51.9% | 17 | 32 | -45.8% |
| PETRO OUTRIGHT EURO | 276 | 316.91 | -12.9% | 327.76 | -15.8% | 330 | 445 | -25.8% |
| PETRO OUTRIGHT NA | 74 | 187.38 | -60.5% | 164.81 | -55.1% | 163 | 197 | -17.1% |
| PJM AD HUB 5MW REAL TIME | 0 | 0 | - | 0 | - | 0 | 0 | - |

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|--------------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Energy Futures | | | | | | | | |
| PJM DAILY | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PJM NI HUB 5MW REAL TIME | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PJM WESTH RT OFF-PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PJM WESTH RT PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PLASTICS | 97 | 26.86 | 260.1% | 84.38 | 14.6% | 67 | 45 | 49.9% |
| PREMIUM UNLD 10P FOB MED | 0 | 0 | - | 0 | - | 0 | 0 | -86.4% |
| PROPANE NON-LDH MB (OPIS) BAL | 60 | 95.1 | -37.2% | 47.76 | 25.0% | 64 | 82 | -21.2% |
| PROPANE NON-LDH MT. BEL (OPIS) | 880 | 1,081.67 | -18.7% | 541.76 | 62.4% | 1,107 | 699 | 58.4% |
| RBOB CALENDAR SWAP | 260 | 196.48 | 32.1% | 175.1 | 48.2% | 351 | 256 | 37.1% |
| RBOB CRACK SPREAD | 27 | 2.86 | 836.3% | 1.9 | 1304.3% | 84 | 61 | 38.1% |
| RBOB CRACK SPREAD BALMO S | 0 | 0 | - | 0 | - | 0 | 1 | -20.9% |
| RBOB GAS | 0 | 0 | - | 0 | - | 0 | 0 | 0.4% |
| RBOB GASOLINE BALMO CLNDR | 24 | 14.38 | 64.1% | 10.24 | 130.5% | 41 | 51 | -20.5% |
| RBOB PHY | 143,033 | 133,305.52 | 7.3% | 144,965.24 | -1.3% | 171,204 | 163,503 | 4.7% |
| RBOB VS HEATING OIL SWAP | 0 | 0 | - | 0 | - | 0 | 4 | -96.9% |
| SINGAPORE 180CST BALMO | 0 | 0 | - | 0 | - | 0 | 0 | 733.3% |
| SINGAPORE 380CST BALMO | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| SINGAPORE 380CST FUEL OIL | 1 | 2.48 | -55.6% | 13.67 | -92.0% | 12 | 5 | 112.8% |
| SINGAPORE FUEL 180CST CAL | 0 | 0.57 | -65.0% | 0.14 | 40.0% | 0 | 0 | 194.3% |
| SINGAPORE FUEL OIL 180 CS | 0 | 0 | - | 0 | - | 0 | 0 | - |
| SINGAPORE FUEL OIL SPREAD | 0 | 0 | - | 0 | - | 0 | 0 | -76.4% |
| SINGAPORE GASOIL | 7 | 23.67 | -71.9% | 12.43 | -46.5% | 16 | 35 | -55.0% |
| SINGAPORE GASOIL CALENDAR | 3 | 1.62 | 60.6% | 5.29 | -50.8% | 3 | 5 | -35.2% |
| SINGAPORE GASOIL SWAP | 0 | 0 | - | 4.76 | -100.0% | 35 | 13 | 174.9% |
| SINGAPORE GASOIL VS ICE | 0 | 0 | - | 0 | - | 0 | 16 | -99.5% |
| SINGAPORE JET KERO GASOIL | 0 | 0 | - | 0 | - | 0 | 15 | -100.0% |
| SINGAPORE JET KEROSENE SW | 0 | 0 | - | 0 | - | 0 | 2 | -100.0% |
| SINGAPORE MOGAS 92 UNLEADED | 0 | 0 | - | 0 | - | 0 | 3 | -87.6% |
| SINGAPORE MOGAS 92 UNLEADED | 0 | 2.38 | -100.0% | 3.05 | -100.0% | 19 | 3 | 646.1% |
| TC2 ROTTERDAM TO USAC 37K | 0 | 0 | - | 0 | - | 1 | 2 | -61.6% |
| TC5 RAS TANURA TO YOKOHAM | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| TD3 MEG TO JAPAN 250K MT | 0 | 0 | - | 0 | - | 0 | 26 | -100.0% |
| ULSD UP-DOWN BALMO SWP | 205 | 209.52 | -2.2% | 414.29 | -50.5% | 286 | 280 | 1.9% |
| UP DOWN GC ULSD VS NMX HO | 1,861 | 1,132.81 | 64.3% | 1,792.52 | 3.8% | 1,433 | 1,229 | 16.6% |
| WTI-BRENT BULLET SWAP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| WTI-BRENT CALENDAR SWAP | 1,878 | 1,948.57 | -3.6% | 2,167.67 | -13.4% | 2,384 | 2,390 | -0.3% |
| WTI CALENDAR | 3,988 | 2,450.67 | 62.7% | 4,273.1 | -6.7% | 3,268 | 2,868 | 14.0% |
| WTI MIDLAND CRUDE OIL | 0 | 0 | - | 0 | - | 8 | 4 | 112.0% |
| WTS (ARGUS) VS WTI SWAP | 349 | 25.71 | 1256.8% | 100 | 248.9% | 165 | 113 | 46.1% |
| WTS (ARGUS) VS WTI TRD MT | 1 | 4.76 | -70.6% | 7.14 | -80.4% | 11 | 28 | -62.2% |

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| | ADV DEC 2023 | ADV DEC 2022 | % CHG | ADV NOV 2023 | % CHG | ADV Y.T.D 2023 | ADV Y.T.D 2022 | % CHG |
|-------------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Energy Options | | | | | | | | |
| BRENT CALENDAR SWAP | 2 | 47.14 | -95.5% | 26.19 | -92.0% | 11 | 17 | -35.2% |
| BRENT CRUDE OIL 1 M CSO | 40 | 714.29 | -94.4% | 90.48 | -55.8% | 56 | 723 | -92.3% |
| BRENT OIL LAST DAY | 258 | 364.29 | -29.3% | 800.57 | -67.8% | 631 | 1,292 | -51.1% |
| COAL API2 INDEX | 0 | 2.38 | -100.0% | 0 | - | 2 | 2 | -14.8% |
| CRUDE OIL 1MO | 1,771 | 1,521.43 | 16.4% | 3,815.48 | -53.6% | 3,258 | 2,663 | 22.3% |
| CRUDE OIL APO | 990 | 943.62 | 4.9% | 3,468.81 | -71.5% | 1,598 | 947 | 68.7% |
| CRUDE OIL OUTRIGHTS | 149 | 528.67 | -71.8% | 241.52 | -38.3% | 291 | 95 | 206.3% |
| CRUDE OIL PHY | 119,878 | 90,036.62 | 33.1% | 178,404.71 | -32.8% | 137,184 | 123,063 | 11.5% |
| ELEC FINSETTLED | 0 | 0 | - | 0 | - | 0 | 0 | - |
| ETHANOL SWAP | 29 | 40.71 | -27.9% | 92.67 | -68.3% | 121 | 126 | -3.9% |
| FREIGHT MARKETS | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| HEATING OIL CRK SPD AVG PRICE | 0 | 0 | - | 0 | - | 0 | 3 | -100.0% |
| HEATING OIL PHY | 392 | 744.05 | -47.3% | 764.62 | -48.7% | 569 | 558 | 2.1% |
| HENRY HUB FINANCIAL LAST | 3,444 | 1,084.14 | 217.6% | 1,452.67 | 137.1% | 1,280 | 342 | 273.7% |
| HO 1 MONTH CLNDR OPTIONS | 65 | 121.43 | -46.5% | 111.9 | -41.9% | 169 | 42 | 302.1% |
| LLS CRUDE OIL | 0 | 0 | - | 0 | - | 12 | 23 | -47.2% |
| MCCLOSKEY ARA ARGS COAL | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NATURAL GAS | 307 | 0 | - | 28.38 | 980.0% | 65 | 20 | 228.9% |
| NATURAL GAS 1 M CSO FIN | 3,400 | 6,521.9 | -47.9% | 6,052.81 | -43.8% | 4,420 | 4,430 | -0.2% |
| NATURAL GAS 2 M CSO FIN | 0 | 0 | - | 47.62 | -100.0% | 9 | 56 | -84.0% |
| NATURAL GAS 3 M CSO FIN | 413 | 30.95 | 1232.7% | 1,452.38 | -71.6% | 2,684 | 1,415 | 89.6% |
| NATURAL GAS 5 M CSO FIN | 0 | 0 | - | 95.24 | -100.0% | 43 | 192 | -77.8% |
| NATURAL GAS 6 M CSO FIN | 88 | 488.1 | -82.1% | 47.62 | 83.8% | 296 | 452 | -34.5% |
| NATURAL GAS OPT | 0 | 0 | - | 0 | - | 0 | 30 | -100.0% |
| NATURAL GAS OPTION ON CALEND | 0 | 0 | - | 85.71 | -100.0% | 7 | 2 | 201.2% |
| NATURAL GAS PHY | 161,190 | 101,047.29 | 59.5% | 167,482 | -3.8% | 141,368 | 99,181 | 42.5% |
| NY HARBOR HEAT OIL SWP | 633 | 133.62 | 373.7% | 284.43 | 122.5% | 212 | 101 | 110.8% |
| PETROCHEMICALS | 0 | 42.86 | -100.0% | 0 | - | 2 | 17 | -90.2% |
| PETRO OUTRIGHT NA | 0 | 0 | - | 0 | - | 0 | 1 | -75.9% |
| PJM WES HUB PEAK CAL MTH | 0 | 0 | - | 0 | - | 0 | 0 | - |
| RBOB 1MO CAL SPD OPTIONS | 0 | 0 | - | 0 | - | 2 | 14 | -86.1% |
| RBOB CALENDAR SWAP | 1 | 0 | - | 0 | - | 0 | 14 | -98.0% |
| RBOB PHY | 50 | 52.81 | -5.9% | 69.76 | -28.8% | 133 | 176 | -24.3% |
| SHORT TERM | 28 | 9.52 | 188.8% | 19.05 | 44.4% | 9 | 11 | -17.2% |
| SHORT TERM NATURAL GAS | 5 | 23.81 | -79.0% | 92.86 | -94.6% | 53 | 30 | 76.1% |
| WTI-BRENT BULLET SWAP | 24 | 464.29 | -94.9% | 765.48 | -96.9% | 1,139 | 1,537 | -25.9% |
| WTI CRUDE OIL 1 M CSO FI | 6,380 | 5,265.48 | 21.2% | 4,904.76 | 30.1% | 4,212 | 2,952 | 42.7% |

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|-------------------------------|-----------------|-----------------|---------|-----------------|--------|-------------------|-------------------|---------|
| Metals Futures | | | | | | | | |
| ALUMINUM | 10,294 | 3,193.24 | 222.4% | 8,446.67 | 21.9% | 5,534 | 2,368 | 133.7% |
| COBALT METAL FUTURES | 76 | 149 | -48.8% | 173.1 | -55.9% | 115 | 68 | 68.3% |
| COMEX COPPER | 91,352 | 61,222.95 | 49.2% | 126,145.71 | -27.6% | 102,791 | 85,812 | 19.8% |
| COMEX E-Mini GOLD | 950 | 1,255.81 | -24.4% | 1,095.71 | -13.3% | 1,437 | 1,571 | -8.6% |
| COMEX E-Mini SILVER | 304 | 202.48 | 50.1% | 336.38 | -9.6% | 288 | 188 | 53.2% |
| COMEX GOLD | 187,338 | 154,995.52 | 20.9% | 251,623.95 | -25.5% | 225,840 | 216,182 | 4.5% |
| COMEX MINY COPPER | 170 | 100.52 | 69.4% | 275.29 | -38.2% | 260 | 166 | 56.6% |
| COMEX SILVER | 62,864 | 53,510.9 | 17.5% | 85,126.62 | -26.2% | 72,518 | 68,035 | 6.6% |
| COPPER | 3,992 | 2,765.29 | 44.3% | 4,579.62 | -12.8% | 4,956 | 2,331 | 112.6% |
| FERROUS PRODUCTS | 99 | 186.76 | -47.2% | 151.05 | -34.8% | 67 | 137 | -51.4% |
| GOLD | 338 | 10.43 | 3144.9% | 321.9 | 5.1% | 76 | 245 | -68.9% |
| HOT ROLLED COIL STEEL FUTURES | 231 | 236.57 | -2.2% | 237.33 | -2.5% | 243 | 182 | 33.2% |
| IRON ORE CHINA | 5 | 35.24 | -85.0% | 10.1 | -47.5% | 13 | 59 | -78.6% |
| LITHIUM CARBONATE FUTURES | 11 | 0 | - | 0 | - | 1 | 0 | - |
| METALS | 176 | 15.43 | 1039.1% | 174.43 | 0.8% | 89 | 10 | 815.5% |
| MICRO GOLD | 67,398 | 39,961 | 68.7% | 57,988.29 | 16.2% | 65,472 | 49,964 | 31.0% |
| MOLYBDENUM OXIDE FUTURES | 20 | 0 | - | 7.81 | 152.9% | 7 | 0 | - |
| NYMEX HOT ROLLED STEEL | 887 | 946.14 | -6.3% | 1,292 | -31.4% | 1,303 | 1,039 | 25.3% |
| NYMEX PLATINUM | 34,937 | 25,803.81 | 35.4% | 27,067.19 | 29.1% | 24,713 | 20,626 | 19.8% |
| PALLADIUM | 3,747 | 2,043.62 | 83.3% | 7,681.71 | -51.2% | 3,673 | 2,275 | 61.4% |
| SILVER | 9,956 | 8,575.14 | 16.1% | 11,504.1 | -13.5% | 10,719 | 7,968 | 34.5% |
| URANIUM | 0 | 0 | - | 0 | - | 0 | 0 | -79.1% |
| Metals Options | | | | | | | | |
| ALUMINUM | 135 | 21.9 | 515.8% | 34.62 | 289.7% | 63 | 7 | 826.5% |
| COMEX COPPER | 3,896 | 4,404.14 | -11.5% | 3,789 | 2.8% | 5,525 | 4,219 | 31.0% |
| COMEX GOLD | 49,653 | 27,465.86 | 80.8% | 50,388.67 | -1.5% | 49,186 | 39,249 | 25.3% |
| COMEX SILVER | 6,062 | 6,948.48 | -12.8% | 7,535.95 | -19.6% | 7,474 | 5,826 | 28.3% |
| COPPER | 446 | 313.86 | 42.2% | 463.38 | -3.7% | 474 | 127 | 273.9% |
| GOLD | 18,068 | 12,977.19 | 39.2% | 15,074.14 | 19.9% | 13,994 | 10,551 | 32.6% |
| IRON ORE CHINA | 0 | 0 | - | 0 | - | 1 | 1 | 20.5% |
| NYMEX HOT ROLLED STEEL | 129 | 34.52 | 274.5% | 137.81 | -6.2% | 130 | 75 | 73.9% |
| NYMEX PLATINUM | 560 | 40.33 | 1288.3% | 644.43 | -13.1% | 703 | 208 | 237.2% |
| PALLADIUM | 50 | 5.81 | 754.6% | 55.1 | -9.9% | 40 | 1 | 3797.7% |
| SILVER | 2,367 | 1,879.62 | 25.9% | 1,997.48 | 18.5% | 2,043 | 1,150 | 77.6% |

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|-------------------------------|-----------------|-----------------|--------|-----------------|---------|-------------------|-------------------|-----------|
| Ag Products Futures | | | | | | | | |
| BLOCK CHEESE | 20 | 11.33 | 75.6% | 8.33 | 138.8% | 23 | 15 | 53.4% |
| BUTTER CS | 209 | 182.05 | 14.9% | 206.19 | 1.5% | 188 | 200 | -6.4% |
| CASH-SETTLED CHEESE | 801 | 612.14 | 30.8% | 684.62 | 16.9% | 655 | 481 | 36.0% |
| CATTLE | 49,686 | 42,654.95 | 16.5% | 73,622.24 | -32.5% | 65,397 | 56,380 | 16.0% |
| CDD SEASONAL STRIP | 0 | 0 | - | 0 | - | 16 | 29 | -45.1% |
| CDD WEATHER | 0 | 0 | - | 0 | - | 68 | 94 | -28.0% |
| CHI WHEAT | 99,509 | 65,308.14 | 52.4% | 148,786 | -33.1% | 123,705 | 103,409 | 19.6% |
| CLASS IV MILK | 81 | 71.29 | 13.7% | 103.67 | -21.8% | 74 | 115 | -35.8% |
| CORN | 197,149 | 191,980.19 | 2.7% | 420,913.67 | -53.2% | 332,379 | 310,283 | 7.1% |
| DJ_UBS ROLL SELECT INDEX FUTU | 1,130 | 1,328.24 | -14.9% | 15.62 | 7137.3% | 414 | 432 | -4.1% |
| DOW-UBS COMMOD INDEX | 5,855 | 6,211.9 | -5.7% | 499.33 | 1072.5% | 2,247 | 3,014 | -25.4% |
| DOW-UBS COMMOD INDEX SWAP | 3,026 | 0 | - | 0 | - | 1,346 | 0 | 337785.5% |
| DRY WHEY | 84 | 84.71 | -1.2% | 87.9 | -4.8% | 58 | 50 | 16.2% |
| FEEDER CATTLE | 16,853 | 12,097.86 | 39.3% | 17,869.38 | -5.7% | 17,578 | 13,385 | 31.3% |
| FERTILIZER PRODUCS | 40 | 64.76 | -38.6% | 57.19 | -30.5% | 81 | 129 | -37.2% |
| GOLDMAN SACHS | 99 | 128.62 | -23.3% | 85.1 | 15.9% | 97 | 180 | -46.1% |
| GSCI EXCESS RETURN FUT | 3,562 | 4,774.29 | -25.4% | 107.67 | 3208.8% | 1,226 | 2,017 | -39.2% |
| HDD EURO SEASONAL STRIP | 0 | 0 | - | 0 | - | 0 | 13 | -100.0% |
| HDD SEASONAL STRIP | 0 | 0 | - | 0 | - | 0 | 16 | -100.0% |
| HDD WEATHER | 53 | 833.33 | -93.7% | 150 | -65.0% | 31 | 157 | -80.0% |
| HDD WEATHER EUROPEAN | 140 | 52.38 | 167.3% | 203.57 | -31.2% | 59 | 38 | 57.9% |
| HOGS | 39,665 | 38,201.05 | 3.8% | 55,973.62 | -29.1% | 51,170 | 45,452 | 12.6% |
| HOUSING INDEX | 0 | 0.57 | -47.5% | 0.48 | -37.0% | 1 | 1 | 5.3% |
| KC WHEAT | 43,296 | 23,717.05 | 82.6% | 59,128.1 | -26.8% | 49,857 | 41,314 | 20.7% |
| LUMBER | 829 | 624.52 | 32.7% | 1,038.9 | -20.2% | 756 | 445 | 69.9% |
| MALAYSIAN PALM SWAP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| MILK | 1,834 | 1,328.71 | 38.1% | 1,663.14 | 10.3% | 1,598 | 1,359 | 17.5% |
| MINI CORN | 874 | 1,216.86 | -28.2% | 1,498.29 | -41.6% | 1,521 | 2,427 | -37.3% |
| MINI SOYBEAN | 2,123 | 2,205.86 | -3.8% | 2,430 | -12.6% | 2,088 | 2,750 | -24.1% |
| MINI WHEAT | 871 | 853.81 | 2.0% | 961.05 | -9.4% | 1,359 | 1,292 | 5.2% |
| MLK MID OPTIONS | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NFD MILK | 169 | 202.05 | -16.3% | 201.71 | -16.1% | 240 | 266 | -9.6% |
| OATS | 394 | 396.76 | -0.7% | 772.57 | -49.0% | 630 | 429 | 47.0% |
| OTC SP GSCI ER SWAP | 0 | 0 | - | 974.67 | -100.0% | 615 | 0 | - |
| PACIFIC RIM DAT SS WTHR | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PORK CUTOUT | 5 | 60.71 | -91.3% | 12.67 | -58.2% | 60 | 96 | -37.6% |
| ROUGH RICE | 1,519 | 1,444.38 | 5.1% | 1,028.9 | 47.6% | 996 | 979 | 1.7% |
| SOYBEAN | 255,407 | 224,197.43 | 13.9% | 236,473.19 | 8.0% | 249,647 | 206,059 | 21.2% |
| SOYBEAN MEAL | 149,261 | 132,741.43 | 12.4% | 184,182.38 | -19.0% | 148,781 | 111,919 | 32.9% |
| SOYBEAN OIL | 140,639 | 153,922.19 | -8.6% | 179,818.76 | -21.8% | 150,176 | 119,729 | 25.4% |
| S&P GSCI ENHANCED ER SWAP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| USD CRUDE PALM OIL | 647 | 752.48 | -14.0% | 877.67 | -26.2% | 1,186 | 1,001 | 18.4% |
| WHEAT | 5 | 4.76 | 5.0% | 42.86 | -88.3% | 37 | 231 | -84.0% |

Ag Products Options

| | | | | | | | | |
|--------------------------|---|---|---|---|---|---|---|--------|
| AUG-DEC SOYBEAN MEAL CSO | 0 | 0 | - | 0 | - | 8 | 0 | - |
| AUG-NOV SOYBEAN CAL SPRD | 0 | 0 | - | 0 | - | 6 | 1 | 567.8% |

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|----------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|----------|
| Ag Products Options | | | | | | | | |
| BLOCK CHEESE | 63 | 5.9 | 963.5% | 64.76 | -3.0% | 30 | 11 | 180.8% |
| BUTTER CS | 89 | 104.81 | -14.9% | 41.52 | 114.8% | 92 | 81 | 12.6% |
| CASH-SETTLED CHEESE | 376 | 181.05 | 107.7% | 286.71 | 31.1% | 356 | 320 | 11.4% |
| CATTLE | 16,975 | 11,471.24 | 48.0% | 25,465.1 | -33.3% | 16,407 | 10,342 | 58.6% |
| CDD SEASONAL STRIP | 250 | 0 | - | 0 | - | 349 | 82 | 327.1% |
| CDD WEATHER | 1,000 | 0 | - | 0 | - | 544 | 4 | 12313.3% |
| CHI WHEAT | 26,372 | 18,092.52 | 45.8% | 26,707.29 | -1.3% | 31,070 | 28,174 | 10.3% |
| CLASS IV MILK | 399 | 237.52 | 67.9% | 552.29 | -27.8% | 366 | 349 | 4.9% |
| CORN | 49,908 | 55,862.95 | -10.7% | 104,940.38 | -52.4% | 123,183 | 119,709 | 2.9% |
| CORN NEARBY+2 CAL SPRD | 115 | 68.81 | 67.1% | 462.67 | -75.1% | 1,118 | 952 | 17.5% |
| DEC-DEC CORN CAL SPRD | 0 | 0 | - | 4.38 | -100.0% | 24 | 0 | - |
| DEC-JUL SOYBEAN MEAL CSO | 0 | 0 | - | 0 | - | 1 | 0 | - |
| DEC-JULY CORN CAL SPRD | 0 | 0 | - | 55.14 | -100.0% | 75 | 76 | -1.6% |
| DEC-JULY WHEAT CAL SPRD | 0 | 0 | - | 0 | - | 1 | 0 | - |
| DRY WHEY | 8 | 2.38 | 252.8% | 18.14 | -53.7% | 11 | 13 | -19.7% |
| FEEDER CATTLE | 3,561 | 1,351.29 | 163.5% | 5,134.14 | -30.6% | 3,243 | 1,676 | 93.5% |
| HDD EURO SEASONAL STRIP | 0 | 0 | - | 0 | - | 112 | 27 | 316.5% |
| HDD SEASONAL STRIP | 100 | 0 | - | 166.67 | -40.0% | 242 | 16 | 1418.6% |
| HDD WEATHER | 1,650 | 285.71 | 477.5% | 619.05 | 166.5% | 409 | 75 | 443.2% |
| HDD WEATHER EUROPEAN | 900 | 0 | - | 0 | - | 152 | 8 | 1807.6% |
| HOGS | 14,005 | 10,462.57 | 33.9% | 15,194.19 | -7.8% | 15,205 | 10,826 | 40.4% |
| JAN-MAY SOYBEAN CAL SPRD | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| JULY-DEC CORN CAL SPRD | 8 | 506.57 | -98.4% | 12.43 | -34.0% | 423 | 419 | 0.9% |
| JULY-DEC SOYMEAL CAL SPRD | 0 | 0 | - | 0 | - | 9 | 3 | 169.7% |
| JULY-DEC SOY OIL CAL SPRD | 0 | 23.81 | -100.0% | 0 | - | 10 | 2 | 414.1% |
| JULY-DEC WHEAT CAL SPRD | 0 | 0 | - | 0 | - | 0 | 15 | -100.0% |
| JULY-JULY WHEAT CAL SPRD | 0 | 0 | - | 0 | - | 0 | 0 | 400.0% |
| JULY-NOV SOYBEAN CAL SPRD | 259 | 108.76 | 138.5% | 294.05 | -11.8% | 384 | 227 | 68.9% |
| KC WHEAT | 1,758 | 1,693.38 | 3.8% | 1,731.86 | 1.5% | 3,220 | 3,223 | -0.1% |
| LUMBER | 30 | 5.14 | 490.1% | 44.43 | -31.7% | 25 | 18 | 43.0% |
| LV CATL CSO | 0 | 0 | - | 0 | - | 0 | 0 | - |
| MAR-JULY CORN CAL SPRD | 134 | 279.76 | -52.3% | 188.57 | -29.2% | 107 | 181 | -41.0% |
| MAR-JULY SOYBEAN CAL SPRD | 0 | 33.33 | -100.0% | 0 | - | 4 | 5 | -23.4% |
| MAR-JULY WHEAT CAL SPRD | 3 | 0 | - | 0 | - | 0 | 1 | -59.8% |
| MILK | 1,185 | 1,006.48 | 17.8% | 1,805.05 | -34.3% | 1,230 | 1,179 | 4.3% |
| MLK MID OPTIONS | 0 | 0.05 | 530.3% | 0.14 | 109.9% | 0 | 0 | -33.8% |
| NFD MILK | 153 | 133.71 | 14.5% | 296.24 | -48.3% | 257 | 205 | 25.2% |
| NOV-JULY SOYBEAN CAL SPRD | 0 | 0 | - | 0 | - | 6 | 21 | -72.9% |
| NOV-MAR SOYBEAN CSO | 0 | 0 | - | 0 | - | 17 | 0 | - |
| OATS | 7 | 3.67 | 90.9% | 7.1 | -1.3% | 8 | 8 | 0.6% |
| PACIFIC RIM DAT SS WTHR | 0 | 0 | - | 0 | - | 36 | 0 | - |
| PORK CUTOUT | 0 | 0 | - | 0 | - | 0 | 0 | 147.6% |
| ROUGH RICE | 29 | 112.14 | -74.6% | 111.38 | -74.4% | 106 | 85 | 24.4% |
| SEP-DEC SOYBEAN MEAL CSO | 0 | 0 | - | 0 | - | 13 | 3 | 287.1% |
| SOYBEAN | 62,698 | 37,492.38 | 67.2% | 72,199.9 | -13.2% | 73,133 | 66,644 | 9.7% |
| SOYBEAN CRUSH | 0 | 0 | - | 0 | - | 0 | 1 | -92.3% |
| SOYBEAN MEAL | 22,909 | 14,187.57 | 61.5% | 35,366.71 | -35.2% | 20,163 | 11,245 | 79.3% |
| SOYBEAN OIL | 8,524 | 15,640.67 | -45.5% | 12,883.76 | -33.8% | 16,829 | 12,271 | 37.1% |

*** Note - KC HRW Wheat monthly and YTD volume comparatives to prior year is not using a complete year, since collection of 2013 volume data did not start until April 15, 2013.

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| | ADV DEC 2023 | ADV DEC 2022 | % CHG | ADV NOV 2023 | % CHG | ADV Y.T.D 2023 | ADV Y.T.D 2022 | % CHG |
|----------------------------|-------------------|----------------------|--------------|----------------------|---------------|----------------------|----------------------|--------------|
| Ag Products Options | | | | | | | | |
| SOYBN NEARBY+2 CAL SPRD | 95 | 13.57 | 596.3% | 416.67 | -77.3% | 331 | 163 | 103.4% |
| SOYMEAL NEARBY+2 CAL SPRD | 108 | 0 | - | 69.52 | 55.7% | 35 | 5 | 610.4% |
| SOY OIL NEARBY+2 CAL SPRD | 0 | 0 | - | 0 | - | 1 | 5 | -85.9% |
| WHEAT | 55 | 52.9 | 3.7% | 140.67 | -61.0% | 87 | 18 | 383.9% |
| WHEAT-CORN ICSD | 0 | 0 | - | 0 | - | 1 | 34 | -96.8% |
| WHEAT NEARBY+2 CAL SPRD | 9 | 55.76 | -83.9% | 25 | -64.0% | 24 | 140 | -82.7% |
| TOTAL FUTURES GROUP | | | | | | | | |
| Interest Rate Futures | 8,548,119 | 5,799,355.9 | 47.4% | 13,659,462.67 | -37.4% | 9,600,305 | 8,528,406 | 12.6% |
| Equity Index Futures | 5,007,968 | 5,786,418.86 | -13.5% | 4,501,038.19 | 11.3% | 5,262,031 | 6,430,835 | -18.2% |
| Metals Futures | 475,146 | 355,209.86 | 33.8% | 584,238.95 | -18.7% | 520,114 | 459,228 | 13.3% |
| Energy Futures | 1,709,795 | 1,578,332.52 | 8.3% | 1,784,120.62 | -4.2% | 1,816,403 | 1,784,923 | 1.8% |
| FX Futures | 1,109,896 | 1,011,483.67 | 9.7% | 903,430.57 | 22.9% | 915,791 | 944,660 | -3.1% |
| Ag Products Futures | 1,015,836 | 908,266.81 | 11.8% | 1,390,479.43 | -26.9% | 1,206,360 | 1,026,188 | 17.6% |
| TOTAL FUTURES | 17,866,758 | 15,439,067.62 | 15.7% | 22,822,770.43 | -21.7% | 19,321,003.96 | 19,174,240.69 | 0.8% |
| TOTAL OPTIONS GROUP | | | | | | | | |
| Interest Rate Options | 2,880,269 | 2,113,019.62 | 36.3% | 3,142,358 | -8.3% | 2,916,259 | 2,289,845 | 27.4% |
| Equity Index Options | 1,587,155 | 1,175,436.91 | 35.0% | 1,550,151.52 | 2.4% | 1,432,958 | 1,214,661 | 18.0% |
| Metals Options | 81,366 | 54,091.71 | 50.4% | 80,120.57 | 1.6% | 79,634 | 61,414 | 29.7% |
| Energy Options | 299,533 | 210,229.38 | 42.5% | 370,697.71 | -19.2% | 299,836 | 240,529 | 24.7% |
| FX Options | 39,366 | 34,418.57 | 14.4% | 43,557.19 | -9.6% | 38,802 | 42,604 | -8.9% |
| Ag Products Options | 213,736 | 169,476.43 | 26.1% | 305,305.9 | -30.0% | 309,461 | 268,864 | 15.1% |
| TOTAL OPTIONS | 5,101,426 | 3,756,672.62 | 35.8% | 5,492,190.9 | -7.1% | 5,076,949.53 | 4,117,917.43 | 23.3% |
| TOTAL COMBINED | | | | | | | | |
| FX | 1,149,262 | 1,045,902.24 | 9.9% | 946,987.76 | 21.4% | 954,592 | 987,264 | -3.3% |
| Equity Index | 6,595,122 | 6,961,855.76 | -5.3% | 6,051,189.71 | 9.0% | 6,694,989 | 7,645,495 | -12.4% |
| Interest Rate | 11,428,388 | 7,912,375.52 | 44.4% | 16,801,820.67 | -32.0% | 12,516,564 | 10,818,252 | 15.7% |
| Energy | 2,009,328 | 1,788,561.91 | 12.3% | 2,154,818.33 | -6.8% | 2,116,239 | 2,025,452 | 4.5% |
| Metals | 556,512 | 409,301.57 | 36.0% | 664,359.52 | -16.2% | 599,748 | 520,642 | 15.2% |
| Ag Products | 1,229,572 | 1,077,743.24 | 14.1% | 1,695,785.33 | -27.5% | 1,515,821 | 1,295,052 | 17.0% |
| GRAND TOTAL | 22,968,184 | 19,195,740.24 | 19.7% | 28,314,961.33 | -18.9% | 24,397,953.49 | 23,292,158.12 | 4.7% |

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