

CME Group Exchange ADV Report - Monthly

February 2023

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| | ADV FEB 2023 | ADV FEB 2022 | % CHG | ADV JAN 2023 | % CHG | ADV Y.T.D 2023 | ADV Y.T.D 2022 | % CHG |
|------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| FX Futures | | | | | | | | |
| AD/CD CROSS RATES | 1 | 1.79 | -61.8% | 1.95 | -64.9% | 1 | 1 | 13.0% |
| AD/JY CROSS RATES | 67 | 304.42 | -77.9% | 61.4 | 9.5% | 64 | 212 | -69.8% |
| AD/NE CROSS RATES | 69 | 57.05 | 20.7% | 131.35 | -47.6% | 101 | 33 | 206.2% |
| AUSTRALIAN DOLLAR | 92,142 | 101,642 | -9.3% | 86,048.4 | 7.1% | 89,017 | 94,811 | -6.1% |
| BP/JY CROSS RATES | 113 | 186.32 | -39.4% | 151.8 | -25.6% | 133 | 159 | -16.5% |
| BP/SF CROSS RATES | 121 | 61.79 | 96.6% | 146.2 | -16.9% | 134 | 110 | 21.6% |
| BRAZIL REAL | 16,032 | 17,848.37 | -10.2% | 15,008.3 | 6.8% | 15,507 | 17,305 | -10.4% |
| BRITISH POUND | 96,139 | 112,624.16 | -14.6% | 85,992.5 | 11.8% | 90,936 | 104,645 | -13.1% |
| CANADIAN DOLLAR | 80,698 | 79,011.95 | 2.1% | 70,121.9 | 15.1% | 75,274 | 78,445 | -4.0% |
| CD/JY CROSS RATES | 0 | 4.37 | -97.6% | 0.15 | -29.8% | 0 | 14 | -99.1% |
| CHINESE RENMINBI (CNH) | 1,610 | 646.26 | 149.2% | 1,067.45 | 50.9% | 1,332 | 698 | 90.7% |
| CZECK KORUNA (EC) | 0 | 0 | - | 0.1 | -100.0% | 0 | 0 | -33.3% |
| CZECK KORUNA (US) | 3 | 0.21 | 1150.2% | 7.8 | -66.3% | 5 | 0 | 4020.2% |
| EC/AD CROSS RATES | 69 | 158.84 | -56.5% | 98.9 | -30.1% | 84 | 159 | -46.8% |
| EC/CD CROSS RATES | 90 | 146.53 | -38.8% | 173.75 | -48.4% | 133 | 197 | -32.6% |
| EC/NOK CROSS RATES | 74 | 19.32 | 284.5% | 65.95 | 12.6% | 70 | 28 | 152.5% |
| EC/SEK CROSS RATES | 133 | 55.16 | 141.7% | 110.65 | 20.5% | 122 | 58 | 110.9% |
| EFX/BP CROSS RATES | 1,778 | 3,753.16 | -52.6% | 1,534.3 | 15.9% | 1,653 | 2,924 | -43.5% |
| EFX/JY CROSS RATES | 1,513 | 3,151.37 | -52.0% | 1,370.85 | 10.4% | 1,440 | 2,505 | -42.5% |
| EFX/SF CROSS RATES | 450 | 1,963.37 | -77.1% | 730.6 | -38.4% | 594 | 1,571 | -62.2% |
| E-MICRO USD/CAD | 6 | 18.05 | -65.0% | 13.7 | -53.9% | 10 | 16 | -36.1% |
| E-MICRO USD/CHF | 2 | 4.47 | -45.9% | 12.05 | -79.9% | 7 | 3 | 189.9% |
| E-MICRO USD/JPY | 26 | 126.74 | -79.1% | 91.65 | -71.1% | 60 | 114 | -47.4% |
| E-MINI EURO FX | 6,773 | 6,318.58 | 7.2% | 7,485.25 | -9.5% | 7,138 | 6,017 | 18.6% |
| E-MINI JAPANESE YEN | 630 | 303.42 | 107.5% | 635.45 | -0.9% | 633 | 286 | 120.8% |
| EURO FX | 210,244 | 209,774.53 | 0.2% | 197,228.4 | 6.6% | 203,569 | 190,176 | 7.0% |
| HUNGARIAN FORINT (EC) | 0 | 0.32 | 0.0% | 0.05 | 531.6% | 0 | 0 | -41.7% |
| HUNGARIAN FORINT (US) | 1 | 0 | - | 0.45 | 40.4% | 1 | 1 | -8.7% |
| INDIAN RUPEE | 1,727 | 1,118.47 | 54.4% | 2,418.2 | -28.6% | 2,082 | 933 | 123.0% |
| JAPANESE YEN | 139,736 | 112,937.53 | 23.7% | 148,156.6 | -5.7% | 144,054 | 110,720 | 30.1% |
| KOREAN WON | 9 | 34.74 | -73.8% | 11.05 | -17.6% | 10 | 47 | -78.5% |
| MEXICAN PESO | 48,791 | 49,531.26 | -1.5% | 43,286.75 | 12.7% | 45,968 | 45,483 | 1.1% |
| MICRO AUD/USD | 14,610 | 15,440.89 | -5.4% | 15,303.8 | -4.5% | 14,966 | 13,669 | 9.5% |
| MICRO CAD/USD | 3,258 | 2,441.63 | 33.4% | 3,257.45 | 0.0% | 3,258 | 2,997 | 8.7% |
| MICRO CHF/USD | 755 | 408.21 | 85.0% | 998 | -24.3% | 880 | 472 | 86.5% |
| MICRO EUR/USD | 33,157 | 33,270 | -0.3% | 38,601.5 | -14.1% | 35,949 | 33,206 | 8.3% |
| MICRO GBP/USD | 3,893 | 3,866.74 | 0.7% | 3,893.55 | 0.0% | 3,894 | 4,095 | -4.9% |
| MICRO INR/USD | 29 | 37.53 | -21.7% | 37.1 | -20.8% | 33 | 43 | -22.2% |
| MICRO JPY/USD | 0 | 2,060.53 | -100.0% | 0 | - | 0 | 2,280 | -100.0% |
| MICRO USD/CNH | 0 | 0.05 | -100.0% | 0 | - | 0 | 0 | -100.0% |
| NEW ZEALND DOLLAR | 29,672 | 29,160.74 | 1.8% | 25,380.2 | 16.9% | 27,471 | 26,821 | 2.4% |
| NKR/USD CROSS RATE | 166 | 162.16 | 2.6% | 127.8 | 30.2% | 147 | 158 | -7.1% |
| POLISH ZLOTY (EC) | 1 | 3.05 | -55.2% | 1 | 36.8% | 1 | 3 | -53.1% |
| POLISH ZLOTY (US) | 30 | 68 | -55.2% | 44.25 | -31.1% | 38 | 54 | -30.1% |
| RMB USD | 0 | 0 | - | 0.25 | -100.0% | 0 | 0 | 400.8% |
| RUSSIAN RUBLE | 0 | 16,919.58 | -100.0% | 0 | - | 0 | 14,645 | -100.0% |
| S.AFRICAN RAND | 3,253 | 4,414.05 | -26.3% | 2,689.5 | 20.9% | 2,964 | 4,037 | -26.6% |
| SF/JY CROSS RATES | 23 | 0.89 | 2482.5% | 13.9 | 66.2% | 18 | 2 | 705.6% |
| SHEKEL | 4 | 1.16 | 218.2% | 0.6 | 514.0% | 2 | 1 | 141.2% |

*** 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 | | | | | | | | |
| SKR/USD CROSS RATES | 239 | 355 | -32.7% | 212.3 | 12.5% | 225 | 335 | -32.9% |
| SWISS FRANC | 18,049 | 21,534.89 | -16.2% | 19,557.25 | -7.7% | 18,822 | 21,591 | -12.8% |
| TURKISH LIRA | 0 | 0.74 | -100.0% | 0 | - | 0 | 0 | -100.0% |
| USDZAR | 2 | 1.16 | 81.8% | 0 | - | 1 | 1 | 48.1% |
| FX Options | | | | | | | | |
| AUD/USD MONDAY OPTION WEEK1 | 3 | 9.95 | -67.2% | 1.3 | 151.0% | 2 | 22 | -89.9% |
| AUD/USD MONDAY OPTION WEEK2 | 8 | 105.58 | -92.5% | 21 | -62.2% | 15 | 54 | -73.1% |
| AUD/USD MONDAY OPTION WEEK3 | 0 | 22.05 | -98.1% | 0 | - | 0 | 11 | -98.1% |
| AUD/USD MONDAY OPTION WEEK4 | 2 | 21.68 | -92.5% | 38.15 | -95.7% | 20 | 17 | 16.8% |
| AUD/USD MONDAY OPTION WEEK5 | 0 | 0 | - | 15.75 | -100.0% | 8 | 20 | -59.6% |
| AUD/USD MONTHLY OPTIONS | 2,015 | 4,228.95 | -52.4% | 1,683.15 | 19.7% | 1,845 | 6,404 | -71.2% |
| AUD/USD WKLY FRIDAY OPTIONS - | 0 | 0 | - | 0 | - | 0 | 0 | - |
| AUD/USD WKLY FRIDAY OPTIONS - | 160 | 207.32 | -22.7% | 55.7 | 187.5% | 107 | 149 | -28.4% |
| AUD/USD WKLY FRIDAY OPTIONS - | 81 | 227.16 | -64.5% | 139.4 | -42.2% | 111 | 182 | -39.2% |
| AUD/USD WKLY FRIDAY OPTIONS - | 54 | 103.89 | -48.1% | 116.65 | -53.8% | 86 | 130 | -33.9% |
| AUD/USD WKLY FRIDAY OPTIONS - | 17 | 0 | - | 0 | - | 8 | 0 | - |
| AUD/USD WKLY WED OPTIONS - WK | 12 | 84.53 | -86.1% | 7.65 | 54.1% | 10 | 48 | -79.9% |
| AUD/USD WKLY WED OPTIONS - WK | 5 | 47.74 | -89.1% | 12.5 | -58.3% | 9 | 42 | -78.7% |
| AUD/USD WKLY WED OPTIONS - WK | 4 | 24.26 | -82.4% | 9.15 | -53.4% | 7 | 16 | -57.1% |
| AUD/USD WKLY WED OPTIONS - WK | 14 | 18 | -24.3% | 33.15 | -58.9% | 24 | 30 | -22.1% |
| AUD/USD WKLY WED OPTIONS - WK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| BRL/USD MONTHLY OPTIONS | 0 | 16.42 | -99.7% | 0.2 | -73.7% | 0 | 33 | -99.6% |
| CAD/USD MONDAY OPTIONS WEEK1 | 34 | 13.16 | 156.8% | 6.25 | 440.6% | 20 | 8 | 156.5% |
| CAD/USD MONDAY OPTIONS WEEK2 | 102 | 82.21 | 23.9% | 42.45 | 140.0% | 71 | 67 | 6.6% |
| CAD/USD MONDAY OPTIONS WEEK3 | 0 | 1.21 | -65.2% | 0 | - | 0 | 1 | -65.2% |
| CAD/USD MONDAY OPTIONS WEEK4 | 35 | 71.16 | -50.8% | 50.6 | -30.8% | 43 | 63 | -31.9% |
| CAD/USD MONDAY OPTIONS WEEK5 | 0 | 0 | - | 12.35 | -100.0% | 6 | 32 | -80.3% |
| CAD/USD MONTHLY OPTIONS | 2,834 | 3,408.79 | -16.9% | 3,731.2 | -24.0% | 3,294 | 4,075 | -19.2% |
| CAD/USD WKLY FRIDAY OPTIONS - | 0 | 0 | - | 0 | - | 0 | 0 | - |
| CAD/USD WKLY FRIDAY OPTIONS - | 199 | 238.42 | -16.3% | 182.25 | 9.5% | 191 | 362 | -47.4% |
| CAD/USD WKLY FRIDAY OPTIONS - | 162 | 332.68 | -51.3% | 121.95 | 32.8% | 141 | 318 | -55.5% |
| CAD/USD WKLY FRIDAY OPTIONS - | 129 | 262.42 | -50.8% | 179.6 | -28.1% | 155 | 277 | -44.0% |
| CAD/USD WKLY FRIDAY OPTIONS - | 18 | 0 | - | 0 | - | 9 | 0 | - |
| CAD/USD WKLY WED OPTIONS - WK | 11 | 104.16 | -89.1% | 70.9 | -84.0% | 42 | 65 | -35.8% |
| CAD/USD WKLY WED OPTIONS - WK | 25 | 105.74 | -76.5% | 36 | -30.8% | 31 | 98 | -68.8% |
| CAD/USD WKLY WED OPTIONS - WK | 136 | 115 | 18.7% | 33.45 | 308.0% | 84 | 87 | -4.4% |
| CAD/USD WKLY WED OPTIONS - WK | 16 | 78.53 | -79.7% | 114.15 | -86.0% | 66 | 88 | -24.3% |
| CAD/USD WKLY WED OPTIONS - WK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| CHF/USD MONTHLY OPTIONS | 203 | 210.68 | -3.5% | 311.2 | -34.7% | 259 | 389 | -33.5% |
| CHF/USD WKLY FRIDAY OPTIONS - | 0 | 0 | - | 0 | - | 0 | 0 | - |
| CHF/USD WKLY FRIDAY OPTIONS - | 11 | 16.11 | -34.0% | 5.3 | 100.6% | 8 | 15 | -48.8% |
| CHF/USD WKLY FRIDAY OPTIONS - | 10 | 1.21 | 695.7% | 9.55 | 0.9% | 10 | 8 | 15.8% |
| CHF/USD WKLY FRIDAY OPTIONS - | 116 | 20.11 | 477.5% | 31.85 | 264.5% | 73 | 17 | 318.7% |
| CHF/USD WKLY FRIDAY OPTIONS - | 0 | 0 | - | 0 | - | 0 | 0 | - |
| EUR/GBP MONTHLY OPTIONS | 0 | 10.53 | -100.0% | 0 | - | 0 | 5 | -100.0% |
| EURODOLLARS | 220 | 0 | - | 172.8 | 27.4% | 196 | 0 | - |

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|-------------------------------|-----------------|-----------------|--------|-----------------|---------|-------------------|-------------------|---------|
| FX Options | | | | | | | | |
| EUR/USD MONDAY OPTION WEEK1 | 214 | 103.26 | 107.4% | 50 | 328.4% | 130 | 62 | 109.6% |
| EUR/USD MONDAY OPTION WEEK2 | 83 | 400.42 | -79.2% | 119.45 | -30.3% | 102 | 255 | -60.0% |
| EUR/USD MONDAY OPTION WEEK3 | 73 | 88.89 | -18.2% | 0 | - | 35 | 43 | -18.2% |
| EUR/USD MONDAY OPTION WEEK4 | 162 | 226.37 | -28.4% | 57.1 | 183.8% | 108 | 131 | -17.7% |
| EUR/USD MONDAY OPTION WEEK5 | 0 | 0 | - | 47.75 | -100.0% | 24 | 73 | -66.6% |
| EUR/USD MONTHLY OPTIONS | 14,978 | 14,797.58 | 1.2% | 10,093.4 | 48.4% | 12,473 | 12,436 | 0.3% |
| EUR/USD WKLY FRIDAY OPTIONS - | 0 | 0 | - | 0 | - | 0 | 0 | - |
| EUR/USD WKLY FRIDAY OPTIONS - | 862 | 1,437.37 | -40.0% | 1,143.95 | -24.6% | 1,007 | 1,392 | -27.7% |
| EUR/USD WKLY FRIDAY OPTIONS - | 1,902 | 871.26 | 118.3% | 1,008.05 | 88.7% | 1,444 | 873 | 65.4% |
| EUR/USD WKLY FRIDAY OPTIONS - | 729 | 1,837 | -60.3% | 557.1 | 30.9% | 641 | 1,384 | -53.7% |
| EUR/USD WKLY FRIDAY OPTIONS - | 13 | 0 | - | 0 | - | 6 | 0 | - |
| EUR/USD WKLY WED OPTIONS - WK | 192 | 452.42 | -57.6% | 144.95 | 32.4% | 168 | 369 | -54.5% |
| EUR/USD WKLY WED OPTIONS - WK | 445 | 265.79 | 67.5% | 253.7 | 75.5% | 347 | 244 | 42.2% |
| EUR/USD WKLY WED OPTIONS - WK | 441 | 359 | 22.9% | 171.5 | 157.3% | 303 | 297 | 1.9% |
| EUR/USD WKLY WED OPTIONS - WK | 304 | 304.89 | -0.4% | 175.9 | 72.6% | 238 | 276 | -13.6% |
| EUR/USD WKLY WED OPTIONS - WK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| GBP/USD MONDAY OPTION WEEK1 | 60 | 57.37 | 4.4% | 48.95 | 22.4% | 54 | 33 | 65.5% |
| GBP/USD MONDAY OPTION WEEK2 | 80 | 85.89 | -7.4% | 87.9 | -9.5% | 84 | 70 | 19.5% |
| GBP/USD MONDAY OPTION WEEK3 | 43 | 18.32 | 135.1% | 0 | - | 21 | 9 | 135.1% |
| GBP/USD MONDAY OPTION WEEK4 | 10 | 78.58 | -86.9% | 11.85 | -13.4% | 11 | 46 | -75.7% |
| GBP/USD MONDAY OPTION WEEK5 | 0 | 0 | - | 20 | -100.0% | 10 | 9 | 10.8% |
| GBP/USD MONTHLY OPTIONS | 3,318 | 3,896.74 | -14.8% | 3,317.1 | 0.0% | 3,318 | 3,547 | -6.5% |
| GBP/USD WKLY FRIDAY OPTIONS - | 0 | 0 | - | 0 | - | 0 | 0 | - |
| GBP/USD WKLY FRIDAY OPTIONS - | 203 | 214.16 | -5.2% | 164.25 | 23.6% | 183 | 174 | 5.1% |
| GBP/USD WKLY FRIDAY OPTIONS - | 226 | 381.11 | -40.6% | 89.25 | 153.8% | 156 | 277 | -43.6% |
| GBP/USD WKLY FRIDAY OPTIONS - | 109 | 156.74 | -30.6% | 77.6 | 40.2% | 93 | 160 | -42.0% |
| GBP/USD WKLY FRIDAY OPTIONS - | 34 | 0 | - | 0 | - | 16 | 0 | - |
| GBP/USD WKLY WED OPTIONS - WK | 11 | 163.16 | -93.4% | 24.55 | -56.1% | 18 | 119 | -85.0% |
| GBP/USD WKLY WED OPTIONS - WK | 126 | 55.95 | 125.1% | 108.6 | 16.0% | 117 | 49 | 136.9% |
| GBP/USD WKLY WED OPTIONS - WK | 22 | 66.89 | -66.5% | 56.3 | -60.2% | 40 | 105 | -62.1% |
| GBP/USD WKLY WED OPTIONS - WK | 18 | 93.68 | -80.6% | 24.2 | -25.0% | 21 | 114 | -81.3% |
| GBP/USD WKLY WED OPTIONS - WK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| JPY/USD MONDAY OPTION WEEK1 | 117 | 12.58 | 832.6% | 8.35 | 1305.0% | 61 | 10 | 511.2% |
| JPY/USD MONDAY OPTION WEEK2 | 146 | 57.58 | 153.8% | 45.4 | 221.9% | 94 | 73 | 30.2% |
| JPY/USD MONDAY OPTION WEEK3 | 4 | 3.89 | -9.5% | 0 | - | 2 | 2 | -9.5% |
| JPY/USD MONDAY OPTION WEEK4 | 3 | 49.53 | -94.3% | 67.45 | -95.8% | 36 | 36 | -0.3% |
| JPY/USD MONDAY OPTION WEEK5 | 0 | 0 | - | 52.35 | -100.0% | 27 | 1 | 1952.9% |
| JPY/USD MONTHLY OPTIONS | 4,509 | 4,533.26 | -0.5% | 5,601.65 | -19.5% | 5,069 | 5,797 | -12.5% |
| JPY/USD WKLY FRIDAY OPTIONS - | 0 | 0 | - | 0 | - | 0 | 0 | - |
| JPY/USD WKLY FRIDAY OPTIONS - | 433 | 684.42 | -36.7% | 322.25 | 34.4% | 376 | 629 | -40.2% |
| JPY/USD WKLY FRIDAY OPTIONS - | 568 | 428.68 | 32.5% | 529.8 | 7.2% | 548 | 507 | 8.2% |
| JPY/USD WKLY FRIDAY OPTIONS - | 246 | 715.63 | -65.7% | 333.15 | -26.3% | 290 | 580 | -49.9% |
| JPY/USD WKLY FRIDAY OPTIONS - | 0 | 0 | - | 0 | - | 0 | 0 | - |
| JPY/USD WKLY WED OPTIONS - WK | 217 | 199.21 | 8.9% | 135.95 | 59.6% | 175 | 157 | 12.0% |
| JPY/USD WKLY WED OPTIONS - WK | 114 | 106.58 | 7.0% | 168.1 | -32.2% | 142 | 157 | -9.9% |
| JPY/USD WKLY WED OPTIONS - WK | 222 | 167.53 | 32.3% | 211.75 | 4.6% | 217 | 137 | 58.4% |
| JPY/USD WKLY WED OPTIONS - WK | 148 | 157.89 | -6.0% | 229.45 | -35.3% | 190 | 139 | 36.8% |
| JPY/USD WKLY WED OPTIONS - WK | 0 | 0 | - | 0 | - | 0 | 0 | - |

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| FX Options | | | | | | | | |
| MXN/USD MONTHLY OPTIONS | 9 | 14.74 | -36.1% | 10.2 | -7.6% | 10 | 52 | -81.3% |
| MXN/USD WKLY FRIDAY OPTIONS - | 0 | 0 | - | 0 | - | 0 | 0 | - |
| MXN/USD WKLY FRIDAY OPTIONS - | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NZD/USD MONTHLY OPTIONS | 2,366 | 0.53 | 449288.1% | 1,424.95 | 66.0% | 1,883 | 1 | 146784.4% |
| NZD/USD WKLY FRIDAY OPTIONS - | 0 | 0 | - | 0 | - | 0 | 0 | - |
| ZAR/USD MONTHLY OPTIONS | 21 | 0 | - | 17 | 20.7% | 19 | 0 | - |
| Equity Index Futures | | | | | | | | |
| BITCOIN | 11,177 | 9,156 | 22.1% | 9,916.7 | 12.7% | 10,531 | 9,304 | 13.2% |
| DJ US REAL ESTATE SECTOR | 2,340 | 1,546.16 | 51.3% | 2,082.6 | 12.4% | 2,208 | 1,846 | 19.6% |
| E-mini (\$5) Dow | 188,244 | 257,503.11 | -26.9% | 171,615.6 | 9.7% | 179,717 | 264,842 | -32.1% |
| E-mini FTSE China 50 | 0 | 71.74 | -100.0% | 2.2 | -100.0% | 1 | 38 | -97.1% |
| E-MINI MIDCAP | 11,344 | 14,568.32 | -22.1% | 11,344.75 | 0.0% | 11,344 | 16,939 | -33.0% |
| E-MINI NASDAQ 100 | 644,604 | 732,673.16 | -12.0% | 617,168.4 | 4.4% | 630,535 | 776,847 | -18.8% |
| E-MINI RUSSELL 1000 | 43 | 126.68 | -65.8% | 670.55 | -93.5% | 365 | 150 | 143.3% |
| E-MINI RUSSELL 1000 GROWTH | 170 | 510.95 | -66.8% | 93.3 | 81.7% | 130 | 436 | -70.1% |
| E-MINI RUSSELL 1000 VALUE | 421 | 487.05 | -13.6% | 371.4 | 13.3% | 395 | 554 | -28.7% |
| E-MINI RUSSELL 2000 | 199,502 | 239,657.84 | -16.8% | 188,615.4 | 5.8% | 193,919 | 268,644 | -27.8% |
| E-MINI S&P500 | 1,925,966 | 1,917,845.84 | 0.4% | 1,703,857.1 | 13.0% | 1,812,064 | 2,009,793 | -9.8% |
| E-MINI S&P500 ESG | 646 | 1,937.16 | -66.6% | 731.75 | -11.7% | 690 | 2,073 | -66.7% |
| ETHER | 0 | 0 | - | 0 | - | 0 | 0 | - |
| ETHER FUTURES | 6,523 | 5,718.16 | 14.1% | 5,414.8 | 20.5% | 5,954 | 5,868 | 1.5% |
| FT-SE 100 | 8 | 3.42 | 123.1% | 0 | - | 4 | 6 | -33.8% |
| IBOVESPA INDEX | 4 | 3.05 | 39.7% | 1.05 | 306.0% | 3 | 2 | 7.4% |
| MICRO BITCOIN | 10,636 | 21,848.37 | -51.3% | 7,181.35 | 48.1% | 8,864 | 21,367 | -58.5% |
| MICRO E-MINI NASDAQ 100 | 1,133,651 | 1,723,577.16 | -34.2% | 1,153,354.1 | -1.7% | 1,143,755 | 1,748,976 | -34.6% |
| MICRO E-MINI RUSSELL 2000 | 79,297 | 182,971.37 | -56.7% | 84,979.55 | -6.7% | 82,211 | 208,898 | -60.6% |
| MICRO E-MINI S&P500 | 1,222,848 | 1,394,575.05 | -12.3% | 1,318,381.55 | -7.2% | 1,271,839 | 1,429,581 | -11.0% |
| MICRO ETHER | 10,966 | 19,870.84 | -44.8% | 10,608.5 | 3.4% | 10,783 | 20,757 | -48.1% |
| MICRO MINI \$5 DOW | 129,890 | 254,253.63 | -48.9% | 141,114.05 | -8.0% | 135,646 | 262,544 | -48.3% |
| NASDAQ-100 VOLATILITY | 26 | 149.74 | -82.5% | 133.8 | -80.4% | 81 | 258 | -68.4% |
| NASDAQ BIOTECH SECTOR | 19 | 2.79 | 596.2% | 10.2 | 90.4% | 15 | 5 | 186.5% |
| Nearby BTIC+ | 0 | 18.42 | -100.0% | 0 | - | 0 | 10 | -100.0% |
| NIKKEI 225 (\$) STOCK | 3,868 | 6,525.95 | -40.7% | 4,697.35 | -17.6% | 4,293 | 7,034 | -39.0% |
| NIKKEI 225 (YEN) STOCK | 24,353 | 45,298 | -46.2% | 27,952.8 | -12.9% | 26,199 | 43,875 | -40.3% |
| PHLX SEMICONDUCTOR SECTOR | 11 | 0 | - | 7.75 | 46.7% | 10 | 0 | - |
| S&P 500 | 5,586 | 2,700.95 | 106.8% | 3,643.45 | 53.3% | 4,590 | 3,928 | 16.9% |
| S&P 500 ANNUAL DIVIDEND INDEX F | 2,974 | 4,906.05 | -39.4% | 3,390 | -12.3% | 3,187 | 4,191 | -23.9% |
| S&P 500 QUARLY DIVIDEND INDEX F | 867 | 199.21 | 335.4% | 716.9 | 21.0% | 790 | 249 | 217.8% |
| S&P BIOTECHNOLOGY SECTOR | 22 | 0 | - | 16.35 | 34.2% | 19 | 0 | - |
| S&P COMMUNICATION SERVICES S | 166 | 114.16 | 45.4% | 78.65 | 111.0% | 121 | 120 | 0.7% |
| S&P CONSUMER DISCRETIONARY S | 322 | 357 | -9.7% | 246.2 | 30.9% | 283 | 530 | -46.5% |
| S&P CONSUMER STAPLES SECTOR | 1,242 | 886.47 | 40.1% | 1,446.5 | -14.1% | 1,347 | 1,046 | 28.8% |
| S&P ENERGY SECTOR | 1,225 | 2,158.95 | -43.3% | 1,102.8 | 11.1% | 1,162 | 2,067 | -43.8% |
| S&P FINANCIAL SECTOR | 1,251 | 1,129.68 | 10.7% | 664.65 | 88.2% | 950 | 1,245 | -23.7% |
| S&P HEALTH CARE SECTOR | 814 | 644.84 | 26.2% | 411 | 97.9% | 607 | 805 | -24.6% |

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| | ADV FEB 2023 | ADV FEB 2022 | % CHG | ADV JAN 2023 | % CHG | ADV Y.T.D 2023 | ADV Y.T.D 2022 | % CHG |
|-------------------------------|-----------------|-----------------|--------|-----------------|--------|-------------------|-------------------|--------|
| Equity Index Futures | | | | | | | | |
| S&P INDUSTRIAL SECTOR | 551 | 770.74 | -28.6% | 922.95 | -40.3% | 742 | 1,182 | -37.3% |
| S&P MATERIALS SECTOR | 452 | 894.21 | -49.5% | 259 | 74.5% | 353 | 838 | -57.9% |
| S&P OIL & GAS EXPLORATION AND | 6 | 0 | - | 6.85 | -18.6% | 6 | 0 | - |
| S&P REAL ESTATE SECTOR | 589 | 188.16 | 213.1% | 529.7 | 11.2% | 559 | 323 | 73.0% |
| S&P REGIONAL BANKS SECTOR | 9 | 0 | - | 10.1 | -8.8% | 10 | 0 | - |
| S&P RETAIL SECTOR | 49 | 0 | - | 6.45 | 655.6% | 27 | 0 | - |
| S&P TECHNOLOGY SECTOR | 556 | 964.16 | -42.3% | 519.55 | 7.1% | 537 | 1,451 | -63.0% |
| S&P UTILITIES SECTOR | 1,682 | 1,228.05 | 37.0% | 1,163.05 | 44.6% | 1,416 | 1,303 | 8.7% |
| TOPIX (USD) | 0 | 0 | - | 0 | - | 0 | 0 | - |
| TOPIX (YEN) | 9 | 203.05 | -95.7% | 11.7 | -25.3% | 10 | 200 | -94.9% |
| WATER INDEX FUTURES | 1 | 5.05 | -83.3% | 1.85 | -54.5% | 1 | 7 | -81.1% |

Equity Index Options

| | | | | | | | | |
|-------------------------|-----------|--------------|--------|-------------|--------|-----------|-----------|--------|
| BITCOIN OPTIONS | 281 | 96.53 | 190.6% | 422.6 | -33.6% | 353 | 106 | 233.3% |
| DJIA | 301 | 0 | - | 198.05 | 52.2% | 248 | 0 | - |
| E-mini (\$5) Dow | 47 | 89.89 | -47.5% | 85.45 | -44.8% | 67 | 101 | -34.1% |
| E-MINI NASDAQ 100 | 56,084 | 39,293.42 | 42.7% | 42,702.25 | 31.3% | 49,221 | 42,234 | 16.5% |
| E-MINI RUSSELL 2000 | 5,855 | 8,418.47 | -30.5% | 4,785.1 | 22.4% | 5,306 | 9,133 | -41.9% |
| E-MINI S&P500 | 1,234,787 | 1,152,102.16 | 7.2% | 1,148,162.6 | 7.5% | 1,190,364 | 1,215,913 | -2.1% |
| ETHER OPTIONS | 67 | 0 | - | 43.55 | 53.0% | 55 | 0 | - |
| MICRO BITCOIN | 250 | 0 | - | 664 | -62.3% | 463 | 0 | - |
| MICRO E-MINI NASDAQ 100 | 2,960 | 3,526.26 | -16.0% | 2,695.05 | 9.8% | 2,824 | 3,778 | -25.2% |
| Micro E-mini S&P 500 | 14,930 | 16,296.26 | -8.4% | 14,065.45 | 6.1% | 14,487 | 15,700 | -7.7% |
| MICRO ETHER | 632 | 0 | - | 156.45 | 304.0% | 388 | 0 | - |

Interest Rate Futures

| | | | | | | | | |
|------------------------------------|-----------|--------------|---------|-------------|---------|-----------|-----------|---------|
| 10-YR Eris LIBOR | 124 | 331.37 | -62.6% | 220.2 | -43.7% | 173 | 849 | -79.6% |
| 10-YR Eris SOFR | 3 | 2.63 | 0.0% | 18.45 | -85.7% | 11 | 3 | 319.0% |
| 10-YR MAC LIBOR | 193 | 1,236.63 | -84.4% | 270.65 | -28.6% | 233 | 2,762 | -91.6% |
| 10-YR MAC SOFR | 0 | 0 | - | 0 | - | 0 | 0 | - |
| 10-YR NOTE | 2,736,051 | 2,827,318.95 | -3.2% | 1,546,440.4 | 76.9% | 2,125,994 | 2,307,501 | -7.9% |
| 10Y YIELD | 4,214 | 6,570.26 | -35.9% | 1,369.35 | 207.7% | 2,755 | 5,245 | -47.5% |
| 15-YR Eris LIBOR | 0 | 0 | - | 0 | - | 0 | 0 | - |
| 1-MONTH EURODOLLAR | 0 | 1,284.21 | -100.0% | 0 | - | 0 | 626 | -100.0% |
| 1-YR Eris BSBY | 0 | 0 | - | 0 | - | 0 | 0 | - |
| 1-YR Eris SOFR | 181 | 2,862.47 | -93.7% | 3.45 | 5149.4% | 90 | 1,846 | -95.1% |
| 20-YR BOND | 52 | 0 | - | 29.55 | 76.2% | 41 | 0 | - |
| 2-YR Eris LIBOR | 1,540 | 2,323.74 | -33.7% | 760.75 | 102.4% | 1,140 | 1,701 | -32.9% |
| 2-YR Eris SOFR | 144 | 740.53 | -80.6% | 197.9 | -27.4% | 172 | 475 | -63.9% |
| 2-YR NOTE | 1,079,203 | 1,065,195.58 | 1.3% | 492,361.3 | 119.2% | 778,259 | 774,866 | 0.4% |
| 2Y YIELD | 474 | 399.68 | 18.7% | 250.85 | 89.1% | 360 | 426 | -15.6% |
| 30-Year UMBS TBA Futures - 2.5% Co | 7 | 0 | - | 3.45 | 102.9% | 5 | 0 | - |
| 30-Year UMBS TBA Futures - 3.0% Co | 7 | 0 | - | 12.2 | -39.2% | 10 | 0 | - |
| 30-Year UMBS TBA Futures - 3.5% Co | 8 | 0 | - | 8.95 | -11.8% | 8 | 0 | - |

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|------------------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Interest Rate Futures | | | | | | | | |
| 30-Year UMBS TBA Futures - 4.0% Co | 11 | 0 | - | 3.55 | 203.9% | 7 | 0 | - |
| 30-Year UMBS TBA Futures - 4.5% Co | 4 | 0 | - | 6.3 | -42.4% | 5 | 0 | - |
| 30-Year UMBS TBA Futures - 5.0% Co | 11 | 0 | - | 12.5 | -11.2% | 12 | 0 | - |
| 30-Year UMBS TBA Futures - 5.5% Co | 10 | 0 | - | 14.25 | -29.1% | 12 | 0 | - |
| 30-Year UMBS TBA Futures - 6.0% Co | 17 | 0 | - | 6.05 | 187.1% | 12 | 0 | - |
| 30-YR BOND | 543,097 | 582,838.68 | -6.8% | 320,735.75 | 69.3% | 429,065 | 482,726 | -11.1% |
| 30-YR Eris LIBOR | 0 | 23.47 | -100.0% | 0 | - | 0 | 11 | -100.0% |
| 30-YR MAC LIBOR | 0 | 0 | - | 0 | - | 0 | 110 | -100.0% |
| 30Y YIELD | 66 | 880.74 | -92.5% | 91.2 | -27.6% | 79 | 632 | -87.5% |
| 3-YR Eris BSBY | 0 | 0 | - | 0 | - | 0 | 0 | - |
| 3-YR Eris LIBOR | 281 | 1,360.32 | -79.4% | 113 | 148.3% | 195 | 1,588 | -87.7% |
| 3-YR Eris SOFR | 267 | 225.37 | 18.6% | 414.2 | -35.4% | 343 | 173 | 98.2% |
| 3-YR NOTE | 6,828 | 21,182.42 | -67.8% | 4,833.55 | 41.3% | 5,805 | 19,646 | -70.5% |
| 4-YR Eris LIBOR | 13 | 404.26 | -96.8% | 31.15 | -57.9% | 22 | 688 | -96.8% |
| 4-YR Eris SOFR | 33 | 7.89 | 317.3% | 91.05 | -63.8% | 63 | 37 | 68.8% |
| 5-YR Eris LIBOR | 1,217 | 2,012.16 | -39.5% | 426.6 | 185.2% | 811 | 3,610 | -77.5% |
| 5-YR Eris SOFR | 135 | 37.89 | 257.4% | 73.7 | 83.7% | 104 | 55 | 89.1% |
| 5-YR MAC LIBOR | 881 | 1,388.26 | -36.5% | 854.85 | 3.1% | 868 | 1,276 | -32.0% |
| 5-YR MAC SOFR | 2 | 0 | - | 0 | - | 1 | 0 | - |
| 5-YR NOTE | 2,084,979 | 2,100,265.68 | -0.7% | 1,013,074.7 | 105.8% | 1,535,284 | 1,602,705 | -4.2% |
| 5Y YIELD | 33 | 213.26 | -84.5% | 9.4 | 251.6% | 21 | 170 | -87.7% |
| 7-YR Eris LIBOR | 14 | 413.74 | -96.6% | 55.4 | -74.5% | 35 | 456 | -92.3% |
| 7-YR Eris SOFR | 0 | 0 | - | 25.5 | -100.0% | 13 | 0 | - |
| BSBY 3-MONTH FUTURES | 400 | 6,047.16 | -93.4% | 161.8 | 147.0% | 278 | 6,018 | -95.4% |
| ESTR Basis Spread Futures | 83 | 0 | - | 77 | 7.2% | 80 | 0 | - |
| ESTR Futures | 2,327 | 0 | - | 1,321.2 | 76.1% | 1,811 | 0 | - |
| EURODOLLARS | 403,807 | 2,978,694.05 | -86.4% | 426,331 | -5.3% | 415,358 | 2,815,229 | -85.2% |
| FED FUND | 564,135 | 477,320.26 | 18.2% | 383,498.4 | 47.1% | 471,501 | 417,368 | 13.0% |
| FTIIE | 14 | 9.84 | 46.0% | 7 | 105.3% | 11 | 8 | 29.1% |
| SOFR | 3,766,067 | 1,207,881.63 | 211.8% | 2,603,799.3 | 44.6% | 3,170,032 | 963,392 | 229.0% |
| SONIA | 63 | 34.21 | 83.4% | 2.1 | 2887.5% | 32 | 25 | 24.6% |
| Ultra 10-Year Note | 625,051 | 628,730.63 | -0.6% | 345,856.6 | 80.7% | 481,874 | 503,716 | -4.3% |
| ULTRA T-BOND | 425,165 | 413,811.79 | 2.7% | 179,116.7 | 137.4% | 298,987 | 294,708 | 1.5% |

Interest Rate Options

| | | | | | | | | |
|--------------------|-----------|------------|---------|--------------|---------|-----------|---------|---------|
| 10-YR NOTE | 841,656 | 706,334.68 | 19.2% | 689,301.2 | 22.1% | 763,526 | 715,006 | 6.8% |
| 2-YR NOTE | 17,886 | 1,831.53 | 876.6% | 12,385.65 | 44.4% | 15,065 | 1,653 | 811.5% |
| 30-YR BOND | 140,728 | 106,258.26 | 32.4% | 115,158.4 | 22.2% | 127,615 | 115,307 | 10.7% |
| 5-YR NOTE | 354,538 | 259,756.84 | 36.5% | 211,689.85 | 67.5% | 281,283 | 253,332 | 11.0% |
| EURODOLLARS | 160,946 | 915,156.11 | -82.4% | 136,287.7 | 18.1% | 148,301 | 919,922 | -83.9% |
| EURO MIDCURVE | 11,221 | 556,461.53 | -98.0% | 13,821.65 | -18.8% | 12,555 | 580,206 | -97.8% |
| FED FUND | 0 | 1.11 | -90.5% | 0 | - | 0 | 1 | -95.2% |
| SOFR | 1,874,920 | 37,393 | 4914.1% | 1,497,517.35 | 25.2% | 1,681,380 | 22,397 | 7407.2% |
| SOFR MIDCURVE | 547,972 | 19,503 | 2709.7% | 344,680.8 | 59.0% | 443,720 | 11,141 | 3882.9% |
| SOFR MISCURVE | 0 | 0 | - | 35 | -100.0% | 18 | 0 | - |
| Ultra 10-Year Note | 14 | 0 | - | 10.95 | 26.9% | 12 | 11 | 10.3% |
| ULTRA T-BOND | 43 | 92.89 | -53.5% | 39 | 10.8% | 41 | 104 | -60.4% |

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|-------------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Energy Futures | | | | | | | | |
| AEP-DAYTON HUB DAILY | 0 | 0 | - | 0 | - | 0 | 0 | - |
| ARGUS LLS VS. WTI (ARG) T | 221 | 118.16 | 87.1% | 58 | 281.1% | 137 | 104 | 32.2% |
| ARGUS PROPAN FAR EST INDE | 375 | 244.42 | 53.4% | 560.65 | -33.1% | 470 | 265 | 77.7% |
| ARGUS PROPAN(SAUDI ARAMCO | 215 | 118.16 | 81.9% | 180.35 | 19.2% | 197 | 112 | 76.5% |
| BRENT BALMO SWAP | 0 | 0 | - | 0 | - | 0 | 18 | -100.0% |
| BRENT CALENDAR SWAP | 407 | 393.84 | 3.3% | 785.1 | -48.2% | 601 | 624 | -3.8% |
| BRENT FINANCIAL FUTURES | 4 | 0 | - | 7 | -47.4% | 5 | 0 | - |
| BRENT OIL LAST DAY | 51,277 | 121,568.58 | -57.8% | 57,697.15 | -11.1% | 54,570 | 104,733 | -47.9% |
| CAR VINTAGE | 1,070 | 760.53 | 40.7% | 1,178.05 | -9.2% | 1,125 | 638 | 76.5% |
| CHICAGO ETHANOL SWAP | 2,925 | 2,812.68 | 4.0% | 2,838.6 | 3.0% | 2,880 | 2,772 | 3.9% |
| CHICAGO ULSD PL VS HO SPR | 97 | 22.53 | 331.1% | 18 | 439.5% | 57 | 25 | 125.5% |
| CHICAGO UNL GAS PL VS RBO | 0 | 0 | - | 0 | - | 0 | 0 | - |
| CONWAY NATURAL GASOLINE (OPI | 0 | 16.89 | -100.0% | 6 | -100.0% | 3 | 10 | -69.4% |
| CONWAY NORMAL BUTANE (OPIS) S | 2 | 13.05 | -81.9% | 10.25 | -76.9% | 6 | 15 | -56.3% |
| CONWAY PROPANE 5 DECIMALS S | 866 | 509.16 | 70.1% | 820.75 | 5.5% | 843 | 522 | 61.4% |
| CRUDE OIL | 0 | 0 | - | 0 | - | 0 | 0 | - |
| CRUDE OIL LAST DAY | 22 | 23.79 | -8.0% | 33.7 | -35.0% | 28 | 17 | 61.5% |
| CRUDE OIL OUTRIGHTS | 7,908 | 3,552.16 | 122.6% | 7,232 | 9.3% | 7,561 | 3,718 | 103.4% |
| CRUDE OIL PHY | 853,511 | 1,335,517.63 | -36.1% | 900,356.15 | -5.2% | 877,534 | 1,204,394 | -27.1% |
| CRUDE OIL SPRDS | 4,200 | 2,979.95 | 41.0% | 3,275.8 | 28.2% | 3,726 | 2,481 | 50.2% |
| CRUDE OIL TRADE AT MARKER SIN | 0 | 0 | - | 0 | - | 0 | 0 | - |
| DAILY PJM | 0 | 0 | - | 0 | - | 0 | 0 | - |
| DATED TO FRONTLINE BRENT | 0 | 37.89 | -100.0% | 0 | - | 0 | 49 | -100.0% |
| DIESEL 10P BRG FOB RDM VS | 0 | 0 | - | 0 | - | 0 | 0 | - |
| DUBAI CRUDE OIL CALENDAR | 0 | 0 | - | 0 | - | 0 | 26 | -100.0% |
| DUTCH TTF NATURAL GAS CAL MO | 4 | 266.68 | -98.5% | 6.6 | -41.0% | 5 | 248 | -97.9% |
| EIA FLAT TAX ONHWAY DIESE | 3 | 1.58 | 100.0% | 6.2 | -49.1% | 5 | 7 | -28.7% |
| EMMISSIONS | 66 | 0 | - | 117.35 | -43.8% | 92 | 0 | - |
| ETHANOL | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| ETHANOL SWAP | 11 | 13.68 | -19.2% | 22 | -49.8% | 17 | 18 | -9.1% |
| ETHANOL T2 FOB ROTT INCL DUTY | 149 | 165.11 | -9.6% | 221.65 | -32.7% | 186 | 175 | 6.4% |
| EURO GASOIL 10 CAL SWAP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| EURO GASOIL 10PPM VS ICE | 0 | 27.11 | -100.0% | 0 | - | 0 | 21 | -100.0% |
| EUROPE 1% FUEL OIL NWE CA | 0 | 0 | - | 0 | - | 0 | 0 | - |
| EUROPE 3.5% FUEL OIL RDAM | 3 | 10 | -67.4% | 0 | - | 2 | 12 | -86.6% |
| EUROPEAN GASOIL (ICE) | 1 | 86.95 | -99.0% | 5.2 | -82.8% | 3 | 68 | -95.4% |
| EUROPEAN NAPHTHA BALMO | 1 | 1.84 | -48.6% | 0.5 | 89.5% | 1 | 2 | -65.0% |
| EUROPEAN NAPHTHA CRACK SPR | 43 | 164 | -74.1% | 60.9 | -30.2% | 52 | 184 | -71.7% |
| EUROPE DATED BRENT SWAP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| EUROPE NAPHTHA CALSWAP | 53 | 33.32 | 58.0% | 61.05 | -13.8% | 57 | 52 | 10.0% |
| EURO PROPANE CIF ARA SWA | 107 | 109.47 | -2.3% | 109.25 | -2.1% | 108 | 95 | 14.1% |
| FREIGHT MARKETS | 9 | 5.53 | 71.4% | 40.5 | -76.6% | 25 | 16 | 54.7% |
| FUEL OIL CRACK VS ICE | 0 | 25.58 | -100.0% | 0 | - | 0 | 22 | -100.0% |
| FUEL OIL NWE CRACK VS ICE | 0 | 0.95 | -100.0% | 0 | - | 0 | 2 | -100.0% |
| FUELOIL SWAP:CARGOES VS.B | 0 | 0 | - | 0 | - | 0 | 0 | - |
| GAS EURO-BOB OXY NWE BARGES | 1 | 17.68 | -91.7% | 1.95 | -24.4% | 2 | 15 | -88.7% |
| GAS EURO-BOB OXY NWE BARGES | 39 | 273.32 | -85.6% | 112.05 | -64.8% | 77 | 234 | -67.3% |

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|--------------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Energy Futures | | | | | | | | |
| GASOIL 0.1CIF MED VS ICE | 0 | 0 | - | 0 | - | 0 | 0 | - |
| GASOIL 0.1 RDAM BRGS VS I | 0 | 0 | - | 0 | - | 0 | 0 | - |
| GASOIL 0.1 ROTTERDAM BARG | 0 | 0 | - | 0 | - | 0 | 0 | - |
| GASOIL 10PPM VS ICE SWAP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| GASOIL CALENDAR SWAP | 0 | 26.58 | -99.4% | 0.3 | -47.4% | 0 | 18 | -98.7% |
| GASOIL CRACK SPREAD CALEN | 0 | 208.42 | -100.0% | 0 | - | 0 | 144 | -100.0% |
| GASOIL MINI CALENDAR SWAP | 16 | 27.42 | -40.3% | 16.25 | 0.7% | 16 | 22 | -25.5% |
| GERMAN POWER BASELOAD CAL M | 0 | 0 | - | 0 | - | 0 | 0 | - |
| GRP THREE ULSD(PLT)VS HEA | 225 | 400.79 | -43.8% | 152 | 48.2% | 188 | 286 | -34.3% |
| GRP THREE UNL GS (PLT) VS | 134 | 158.95 | -15.4% | 205 | -34.4% | 171 | 146 | 16.7% |
| GULF COAST 3% FUEL OIL BA | 0 | 13.16 | -100.0% | 0 | - | 0 | 6 | -100.0% |
| GULF COAST JET VS NYM 2 H | 336 | 674 | -50.1% | 387.35 | -13.1% | 363 | 1,006 | -63.9% |
| GULF COAST NO.6 FUEL OIL | 1,158 | 683.47 | 69.5% | 1,029.1 | 12.6% | 1,092 | 712 | 53.4% |
| GULF COAST ULSD CALENDAR | 3 | 0 | - | 9.5 | -66.8% | 6 | 6 | 12.1% |
| GULF COAST ULSD CRACK SPR | 0 | 0 | - | 0 | - | 0 | 0 | - |
| HEATING OIL BALMO CLNDR S | 5 | 23.21 | -79.8% | 36.95 | -87.3% | 21 | 38 | -44.6% |
| HEATING OIL CRCK SPRD BAL | 0 | 0 | - | 0 | - | 0 | 0 | - |
| HEATING OIL PHY | 158,734 | 223,034.53 | -28.8% | 169,564.35 | -6.4% | 164,288 | 222,434 | -26.1% |
| HENRY HUB SWAP | 2,200 | 1,570.68 | 40.1% | 1,738.05 | 26.6% | 1,963 | 1,373 | 43.0% |
| HTG OIL | 0 | 0 | - | 0 | - | 0 | 0 | - |
| ICE BRENT DUBAI SWAP | 0 | 38.42 | -100.0% | 0 | - | 0 | 37 | -100.0% |
| INDONESIAN COAL ICI4 | 0 | 0 | - | 0 | - | 0 | 0 | - |
| JAPAN C&F NAPHTHA CRACK S | 0 | 0 | - | 0 | - | 0 | 0 | - |
| JAPAN C&F NAPHTHA SWAP | 6 | 6.95 | -7.6% | 5.25 | 22.3% | 6 | 5 | 18.2% |
| JAPAN NAPHTHA BALMO SWAP | 0 | 0 | - | 0.2 | 110.6% | 0 | 0 | - |
| JET CIF NWE VS ICE | 5 | 19.89 | -74.6% | 2.85 | 77.3% | 4 | 19 | -79.4% |
| JET FUEL UP-DOWN BALMO CL | 93 | 201.74 | -54.0% | 59.3 | 56.5% | 76 | 158 | -52.1% |
| JKM LNG Futures | 0 | 8.58 | -100.0% | 0 | - | 0 | 4 | -100.0% |
| LA CARB DIESEL (OPIS) SWA | 8 | 1.32 | 500.0% | 42.75 | -81.5% | 26 | 31 | -17.4% |
| LA CARBOB GASOLINE(OPIS)S | 0 | 0 | - | 11.25 | -100.0% | 6 | 0 | - |
| LA JET (OPIS) SWAP | 26 | 27.63 | -4.8% | 30.25 | -13.0% | 28 | 40 | -28.7% |
| LLS (ARGUS) VS WTI SWAP | 31 | 1.74 | 1687.9% | 0 | - | 15 | 1 | 1687.8% |
| LTD NAT GAS | 19,802 | 18,032.21 | 9.8% | 20,013.9 | -1.1% | 19,910 | 18,358 | 8.5% |
| MARS (ARGUS) VS WTI SWAP | 0 | 15.79 | -100.0% | 0 | - | 0 | 26 | -100.0% |
| MARS (ARGUS) VS WTI TRD M | 1,078 | 617.53 | 74.5% | 1,658.5 | -35.0% | 1,376 | 747 | 84.2% |
| MCCLOSKEY ARA ARGS COAL | 122 | 430.68 | -71.7% | 41 | 197.0% | 80 | 347 | -76.8% |
| MCCLOSKEY RCH BAY COAL | 0 | 19.21 | -100.0% | 0 | - | 0 | 22 | -100.0% |
| MINI GAS EUROBOB OXY NWE ARG | 1 | 1.21 | -56.5% | 0.5 | 5.3% | 1 | 1 | -58.3% |
| MINI RBOB V. EBOBARG NWE BRGS | 0 | 0 | - | 0 | - | 0 | 0 | - |
| MINI RBOB V. EBOB(ARGUS) NWE B | 12 | 9.74 | 27.6% | 9.75 | 27.4% | 11 | 16 | -29.5% |
| MINY HTG OIL | 1 | 0.42 | 50.0% | 0.65 | -2.8% | 1 | 0 | 78.6% |
| MINY NATURAL GAS | 16,290 | 11,847.63 | 37.5% | 21,655.4 | -24.8% | 19,042 | 10,908 | 74.6% |
| MINY RBOB GAS | 1 | 0.42 | 37.5% | 0.8 | -27.6% | 1 | 0 | 58.8% |
| MINY WTI CRUDE OIL | 13,943 | 33,089.68 | -57.9% | 17,123.95 | -18.6% | 15,574 | 27,345 | -43.0% |
| MJC FUT | 0 | 0 | - | 0 | - | 0 | 0 | - |
| MNC FUT | 67 | 102.68 | -34.4% | 63.65 | 5.8% | 65 | 97 | -32.3% |
| MONT BELVIEU ETHANE 5 DECIMAL | 1,500 | 1,507.16 | -0.5% | 2,416.4 | -37.9% | 1,970 | 1,714 | 15.0% |
| MONT BELVIEU ETHANE OPIS BALM | 27 | 69.47 | -61.0% | 107.75 | -74.8% | 68 | 65 | 5.9% |

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| | ADV FEB 2023 | ADV FEB 2022 | % CHG | ADV JAN 2023 | % CHG | ADV Y.T.D 2023 | ADV Y.T.D 2022 | % CHG |
|--------------------------------|-----------------|-----------------|--------|-----------------|---------|-------------------|-------------------|--------|
| Energy Futures | | | | | | | | |
| MONT BELVIEU LDH PROPANE 5 DE | 9,583 | 9,983.89 | -4.0% | 12,863.4 | -25.5% | 11,265 | 9,347 | 20.5% |
| MONT BELVIEU LDH PROPANE OPIS | 113 | 284.63 | -60.3% | 112.85 | 0.0% | 113 | 246 | -54.1% |
| MONT BELVIEU NATURAL GASOLIN | 1,216 | 750 | 62.2% | 873.8 | 39.2% | 1,041 | 800 | 30.0% |
| MONT BELVIEU NATURAL GASOLIN | 66 | 18.42 | 258.6% | 78.8 | -16.2% | 73 | 36 | 101.5% |
| MONT BELVIEU NORMAL BUTANE 5 | 2,480 | 2,660.37 | -6.8% | 3,158.6 | -21.5% | 2,828 | 2,498 | 13.2% |
| MONT BELVIEU NORMAL BUTANE B | 22 | 108.74 | -79.6% | 69.85 | -68.2% | 47 | 110 | -57.4% |
| NATURAL GAS | 11,089 | 9,208.58 | 20.4% | 9,163.05 | 21.0% | 10,101 | 9,004 | 12.2% |
| NATURAL GAS PEN SWP | 1,186 | 3,548.95 | -66.6% | 1,321.85 | -10.3% | 1,256 | 2,835 | -55.7% |
| NATURAL GAS PHY | 495,967 | 455,273.95 | 8.9% | 390,855.55 | 26.9% | 442,064 | 429,818 | 2.8% |
| 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 | 33 | 41.32 | -19.7% | 21.75 | 52.5% | 27 | 28 | -1.8% |
| 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 | 51 | 32.79 | 55.7% | 42.6 | 19.8% | 47 | 43 | 8.6% |
| NY HARBOR LOW SULPUR GAS 100C | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NY HARBOR RESIDUAL FUEL 1 | 7 | 3.95 | 66.7% | 8.75 | -24.8% | 8 | 6 | 33.3% |
| NYH NO 2 CRACK SPREAD CAL | 168 | 92.58 | 81.8% | 40.25 | 318.2% | 103 | 69 | 49.7% |
| NYISO ZONE G 5MW D AH PK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NY ULSD (ARGUS) VS HEATING OIL | 18 | 22.37 | -17.6% | 15.75 | 17.0% | 17 | 33 | -47.8% |
| PETROCHEMICALS | 180 | 145.16 | 23.7% | 249.75 | -28.1% | 216 | 172 | 25.3% |
| PETRO CRCKS & SPRDS ASIA | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PETRO CRCKS & SPRDS NA | 763 | 836.05 | -8.7% | 965.4 | -21.0% | 867 | 1,161 | -25.4% |
| PETRO CRK&SPRD EURO | 24 | 50.58 | -53.1% | 25.85 | -8.2% | 25 | 61 | -59.0% |
| PETROLEUM PRODUCTS | 170 | 106.58 | 59.7% | 109.3 | 55.7% | 139 | 148 | -6.1% |
| PETROLEUM PRODUCTS ASIA | 29 | 71.74 | -58.9% | 21.2 | 39.0% | 25 | 65 | -61.1% |
| PETRO OUTRIGHT EURO | 345 | 715.74 | -51.8% | 494.65 | -30.2% | 422 | 613 | -31.2% |
| PETRO OUTRIGHT NA | 61 | 535.21 | -88.5% | 123.75 | -50.5% | 93 | 408 | -77.2% |
| PJM AD HUB 5MW REAL TIME | 0 | 0 | - | 0 | - | 0 | 0 | - |
| 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 | 27 | 47.89 | -44.6% | 53.15 | -50.1% | 40 | 51 | -21.5% |
| PREMIUM UNLD 10P FOB MED | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PROPANE NON-LDH MB (OPIS) BAL | 63 | 106.68 | -40.7% | 53.25 | 18.8% | 58 | 103 | -43.6% |
| PROPANE NON-LDH MT. BEL (OPIS) | 1,023 | 741.53 | 38.0% | 912.9 | 12.1% | 967 | 767 | 26.0% |
| RBOB CALENDAR SWAP | 257 | 319.05 | -19.5% | 411 | -37.5% | 336 | 323 | 3.8% |
| RBOB CRACK SPREAD | 34 | 111.32 | -69.5% | 58 | -41.5% | 46 | 130 | -64.3% |
| RBOB CRACK SPREAD BALMO S | 0 | 0 | - | 0 | - | 0 | 0 | - |
| RBOB GAS | 0 | 0 | - | 0 | - | 0 | 0 | - |
| RBOB GASOLINE BALMO CLNDR | 17 | 37.74 | -56.2% | 77.25 | -78.6% | 48 | 79 | -39.9% |
| RBOB PHY | 163,724 | 232,706.79 | -29.6% | 158,992.6 | 3.0% | 161,298 | 209,468 | -23.0% |
| RBOB VS HEATING OIL SWAP | 0 | 0 | - | 1.5 | -100.0% | 1 | 8 | -90.5% |
| SINGAPORE 180CST BALMO | 0 | 0 | - | 0.15 | -100.0% | 0 | 0 | - |
| SINGAPORE 380CST BALMO | 0 | 0 | - | 0 | - | 0 | 0 | - |
| SINGAPORE 380CST FUEL OIL | 3 | 11.58 | -70.0% | 5.3 | -34.5% | 4 | 16 | -73.0% |

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|-----------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Energy Futures | | | | | | | | |
| SINGAPORE FUEL 180CST CAL | 0 | 0 | - | 0 | - | 0 | 0 | - |
| SINGAPORE FUEL OIL 180 CS | 0 | 0 | - | 0 | - | 0 | 0 | - |
| SINGAPORE FUEL OIL SPREAD | 0 | 0 | - | 0.9 | -100.0% | 0 | 0 | - |
| SINGAPORE GASOIL | 87 | 36.26 | 140.6% | 24.7 | 253.3% | 55 | 39 | 40.7% |
| SINGAPORE GASOIL CALENDAR | 3 | 17.05 | -83.3% | 1 | 184.2% | 2 | 15 | -87.0% |
| SINGAPORE GASOIL SWAP | 37 | 30.95 | 19.0% | 57 | -35.4% | 47 | 34 | 40.5% |
| SINGAPORE GASOIL VS ICE | 1 | 54.47 | -98.0% | 0 | - | 1 | 74 | -99.3% |
| SINGAPORE JET KERO GASOIL | 0 | 58.42 | -100.0% | 0 | - | 0 | 71 | -100.0% |
| SINGAPORE JET KEROSENE SW | 0 | 5.26 | -100.0% | 0 | - | 0 | 5 | -100.0% |
| SINGAPORE MOGAS 92 UNLEADED | 0 | 0 | - | 0 | - | 0 | 0 | - |
| SINGAPORE MOGAS 92 UNLEADED | 0 | 0 | - | 1.25 | -100.0% | 1 | 8 | -91.7% |
| TC2 ROTTERDAM TO USAC 37K | 0 | 6.53 | -100.0% | 0 | - | 0 | 6 | -100.0% |
| TC5 RAS TANURA TO YOKOHAM | 0 | 0 | - | 0 | - | 0 | 0 | - |
| TD3 MEG TO JAPAN 250K MT | 0 | 58.68 | -100.0% | 0 | - | 0 | 136 | -100.0% |
| ULSD UP-DOWN BALMO SWP | 234 | 606.68 | -61.4% | 389.45 | -39.9% | 314 | 487 | -35.6% |
| UP DOWN GC ULSD VS NMX HO | 1,435 | 2,041.79 | -29.7% | 1,201.35 | 19.5% | 1,315 | 2,160 | -39.1% |
| WTI-BRENT CALENDAR SWAP | 2,252 | 2,850.26 | -21.0% | 2,145.2 | 5.0% | 2,197 | 2,715 | -19.1% |
| WTI CALENDAR | 2,908 | 3,002.95 | -3.2% | 3,216.95 | -9.6% | 3,066 | 3,067 | 0.0% |
| WTI MIDLAND CRUDE OIL | 0 | 0 | - | 0 | - | 0 | 0 | - |
| WTS (ARGUS) VS WTI SWAP | 162 | 120.68 | 34.5% | 5.25 | 2992.7% | 82 | 86 | -4.6% |
| WTS (ARGUS) VS WTI TRD MT | 0 | 56.84 | -100.0% | 2.25 | -100.0% | 1 | 93 | -98.8% |

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|-------------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Energy Options | | | | | | | | |
| BRENT CALENDAR SWAP | 12 | 0.79 | 1473.3% | 9 | 38.0% | 11 | 59 | -82.0% |
| BRENT CRUDE OIL 1 M CSO | 0 | 250 | -100.0% | 0 | - | 0 | 127 | -100.0% |
| BRENT OIL LAST DAY | 575 | 1,052.63 | -45.4% | 1,057.7 | -45.6% | 822 | 1,281 | -35.8% |
| COAL API2 INDEX | 3 | 12.11 | -78.3% | 0.75 | 250.9% | 2 | 7 | -75.9% |
| CRUDE OIL 1MO | 1,800 | 6,890.37 | -73.9% | 2,682.5 | -32.9% | 2,253 | 6,004 | -62.5% |
| CRUDE OIL APO | 771 | 743.58 | 3.6% | 1,221.9 | -36.9% | 1,002 | 1,280 | -21.7% |
| CRUDE OIL OUTRIGHTS | 593 | 0 | - | 217.75 | 172.3% | 401 | 0 | - |
| CRUDE OIL PHY | 114,974 | 160,776.21 | -28.5% | 101,702.45 | 13.0% | 108,168 | 148,579 | -27.2% |
| ELEC FINSETTLED | 0 | 0 | - | 0 | - | 0 | 0 | - |
| ETHANOL SWAP | 53 | 234.11 | -77.4% | 132 | -59.9% | 93 | 177 | -47.2% |
| FREIGHT MARKETS | 0 | 1.58 | -100.0% | 0 | - | 0 | 1 | -100.0% |
| HEATING OIL CRK SPD AVG PRICE | 0 | 0 | - | 0 | - | 0 | 0 | - |
| HEATING OIL PHY | 943 | 1,006.05 | -6.3% | 716 | 31.7% | 827 | 1,005 | -17.7% |
| HENRY HUB FINANCIAL LAST | 953 | 209.63 | 354.6% | 1,062.1 | -10.3% | 1,009 | 349 | 189.3% |
| HO 1 MONTH CLNDR OPTIONS | 116 | 0 | - | 45 | 157.3% | 79 | 12 | 588.9% |
| LLS CRUDE OIL | 0 | 0 | - | 90 | -100.0% | 46 | 31 | 50.0% |
| MCCLOSKEY ARA ARGS COAL | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NATURAL GAS | 5 | 154.74 | -96.6% | 0 | - | 3 | 80 | -96.8% |
| NATURAL GAS 1 M CSO FIN | 4,998 | 13,000.53 | -61.6% | 5,837.5 | -14.4% | 5,428 | 10,546 | -48.5% |
| NATURAL GAS 2 M CSO FIN | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NATURAL GAS 3 M CSO FIN | 3,079 | 1,813.16 | 69.8% | 285 | 980.3% | 1,646 | 1,435 | 14.7% |
| NATURAL GAS 5 M CSO FIN | 79 | 1,047.37 | -92.5% | 0 | - | 38 | 587 | -93.4% |
| NATURAL GAS 6 M CSO FIN | 1,179 | 1,605.26 | -26.6% | 1,248.75 | -5.6% | 1,215 | 1,251 | -2.9% |
| NATURAL GAS OPT | 0 | 44.74 | -100.0% | 0 | - | 0 | 22 | -100.0% |
| NATURAL GAS OPTION ON CALEND | 0 | 0 | - | 0 | - | 0 | 15 | -100.0% |
| NATURAL GAS PHY | 135,615 | 127,759.95 | 6.1% | 110,556.8 | 22.7% | 122,765 | 113,252 | 8.4% |
| NY HARBOR HEAT OIL SWP | 43 | 107.58 | -59.8% | 50.2 | -13.8% | 47 | 98 | -52.2% |
| PETROCHEMICALS | 3 | 10.11 | -75.0% | 13.5 | -81.3% | 8 | 5 | 65.6% |
| PETRO OUTRIGHT NA | 0 | 3.16 | -100.0% | 0 | - | 0 | 8 | -100.0% |
| PJM WES HUB PEAK CAL MTH | 0 | 0 | - | 0 | - | 0 | 0 | - |
| RBOB 1MO CAL SPD OPTIONS | 0 | 0 | - | 0 | - | 0 | 0 | - |
| RBOB CALENDAR SWAP | 0 | 4.63 | -100.0% | 0 | - | 0 | 2 | -100.0% |
| RBOB PHY | 149 | 164.32 | -9.4% | 60.6 | 145.8% | 104 | 202 | -48.7% |
| SHORT TERM | 0 | 10.53 | -100.0% | 12.5 | -100.0% | 6 | 10 | -37.5% |
| SHORT TERM NATURAL GAS | 29 | 5.26 | 450.0% | 45 | -35.7% | 37 | 13 | 190.0% |
| WTI-BRENT BULLET SWAP | 151 | 1,597.37 | -90.5% | 981.25 | -84.6% | 577 | 1,671 | -65.5% |
| WTI CRUDE OIL 1 M CSO FI | 1,305 | 2,197.63 | -40.6% | 2,215 | -41.1% | 1,772 | 1,896 | -6.6% |

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|---------------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Metals Futures | | | | | | | | |
| ALUMINUM | 3,636 | 1,470.11 | 147.4% | 4,346.2 | -16.3% | 4,000 | 1,371 | 191.7% |
| COBALT METAL FUTURES | 144 | 46.79 | 208.0% | 256.35 | -43.8% | 202 | 30 | 564.8% |
| COMEX COPPER | 133,058 | 106,441.63 | 25.0% | 99,322.2 | 34.0% | 115,758 | 94,885 | 22.0% |
| COMEX E-Mini GOLD | 1,953 | 1,372.53 | 42.3% | 2,214.75 | -11.8% | 2,087 | 1,435 | 45.4% |
| COMEX E-Mini SILVER | 285 | 229.32 | 24.5% | 371.65 | -23.2% | 330 | 215 | 53.2% |
| COMEX GOLD | 192,066 | 219,020.63 | -12.3% | 264,462.7 | -27.4% | 229,193 | 256,967 | -10.8% |
| COMEX MINY COPPER | 342 | 203.74 | 67.9% | 211.8 | 61.5% | 275 | 179 | 53.9% |
| COMEX SILVER | 85,903 | 84,298.84 | 1.9% | 68,302.25 | 25.8% | 76,877 | 74,125 | 3.7% |
| COPPER | 5,976 | 203 | 2843.6% | 5,624.05 | 6.3% | 5,795 | 149 | 3800.9% |
| FERROUS PRODUCTS | 96 | 151.95 | -36.9% | 67.35 | 42.3% | 81 | 188 | -56.9% |
| GOLD | 12 | 793.47 | -98.5% | 0.3 | 3829.8% | 6 | 661 | -99.1% |
| HOT ROLLED COIL STEEL FUTURES | 449 | 112.11 | 300.3% | 514.65 | -12.8% | 483 | 83 | 483.2% |
| IRON ORE CHINA | 18 | 58.74 | -69.1% | 20.5 | -11.4% | 19 | 81 | -76.2% |
| METALS | 89 | 8.26 | 977.1% | 4.05 | 2097.5% | 45 | 27 | 67.6% |
| MICRO GOLD | 66,801 | 55,440 | 20.5% | 62,637.8 | 6.6% | 64,666 | 48,854 | 32.4% |
| NYMEX HOT ROLLED STEEL | 2,256 | 1,047.16 | 115.4% | 1,349.15 | 67.2% | 1,791 | 1,232 | 45.3% |
| NYMEX PLATINUM | 24,799 | 21,198.63 | 17.0% | 19,401.8 | 27.8% | 22,031 | 19,549 | 12.7% |
| PALLADIUM | 5,383 | 4,344.16 | 23.9% | 2,212.3 | 143.3% | 3,757 | 3,264 | 15.1% |
| SILVER | 10,828 | 8,510.47 | 27.2% | 11,423.5 | -5.2% | 11,133 | 7,723 | 44.2% |
| URANIUM | 0 | 0.05 | -100.0% | 0 | - | 0 | 0 | -100.0% |
| Metals Options | | | | | | | | |
| ALUMINUM | 24 | 0 | - | 30.5 | -21.5% | 27 | 0 | - |
| COMEX COPPER | 9,001 | 3,923 | 129.4% | 9,769.2 | -7.9% | 9,395 | 3,207 | 193.0% |
| COMEX GOLD | 46,367 | 48,910.84 | -5.2% | 47,409.4 | -2.2% | 46,901 | 44,491 | 5.4% |
| COMEX SILVER | 8,284 | 4,917.32 | 68.5% | 7,935.15 | 4.4% | 8,105 | 5,074 | 59.7% |
| COPPER | 803 | 33.84 | 2271.4% | 384.8 | 108.6% | 588 | 21 | 2753.7% |
| GOLD | 13,589 | 11,926.32 | 13.9% | 14,166.75 | -4.1% | 13,885 | 9,975 | 39.2% |
| IRON ORE CHINA | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NYMEX HOT ROLLED STEEL | 214 | 109.47 | 95.9% | 192.5 | 11.4% | 203 | 122 | 66.5% |
| NYMEX PLATINUM | 872 | 373.32 | 133.5% | 113.45 | 668.5% | 483 | 471 | 2.4% |
| PALLADIUM | 76 | 1.11 | 6780.7% | 26.05 | 191.9% | 50 | 1 | 6453.6% |
| SILVER | 1,618 | 1,196.21 | 35.3% | 2,079.1 | -22.2% | 1,854 | 1,261 | 47.1% |
| Foreign Exchange Futures | | | | | | | | |
| CHILEAN PESO | 0 | 1.21 | -100.0% | 0.15 | -100.0% | 0 | 1 | -87.0% |

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| | ADV FEB 2023 | ADV FEB 2022 | % CHG | ADV JAN 2023 | % CHG | ADV Y.T.D 2023 | ADV Y.T.D 2022 | % CHG |
|---------------------------------|-----------------|-----------------|--------|-----------------|--------|-------------------|-------------------|--------|
| Foreign Exchange Options | | | | | | | | |
| AUD/USD WKLY WED OPTIONS - WK | 1 | 88.21 | -99.1% | 23.95 | -96.7% | 13 | 49 | -74.2% |
| OTC AUDUSD SUB | 50 | 0 | - | 46.7 | 7.7% | 48 | 0 | - |
| OTC EURUSD SUB | 272 | 0 | - | 51.3 | 430.9% | 159 | 0 | - |
| OTC GBPUSD SUB | 114 | 0 | - | 81.7 | 39.6% | 97 | 0 | - |
| OTC USDCAD SUB | 80 | 0 | - | 27.5 | 190.7% | 53 | 0 | - |
| OTC USDJPY SUB | 56 | 0 | - | 42.85 | 30.6% | 49 | 0 | - |
| Ags Futures | | | | | | | | |
| FERTILIZER PRODUCTS | 114 | 231.26 | -50.7% | 97.85 | 16.6% | 106 | 198 | -46.6% |

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|-------------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Ag Products Futures | | | | | | | | |
| BLOCK CHEESE | 17 | 11.53 | 44.3% | 8.55 | 94.5% | 12 | 31 | -60.2% |
| BUTTER CS | 189 | 219.95 | -14.1% | 166.8 | 13.3% | 178 | 295 | -39.8% |
| CASH-SETTLED CHEESE | 558 | 385.32 | 44.7% | 580.65 | -4.0% | 569 | 533 | 6.8% |
| CATTLE | 54,197 | 58,575.53 | -7.5% | 71,840.95 | -24.6% | 63,245 | 64,969 | -2.7% |
| CDD SEASONAL STRIP | 0 | 13.16 | -100.0% | 0 | - | 0 | 6 | -100.0% |
| CDD WEATHER | 0 | 0 | - | 0 | - | 0 | 0 | - |
| CHI WHEAT | 140,284 | 165,340.63 | -15.2% | 79,205.65 | 77.1% | 108,962 | 130,451 | -16.5% |
| CLASS IV MILK | 31 | 137.74 | -77.3% | 51.7 | -39.5% | 42 | 183 | -77.2% |
| CORN | 381,001 | 487,130.32 | -21.8% | 284,066.5 | 34.1% | 331,291 | 399,886 | -17.2% |
| DJ_UBS ROLL SELECT INDEX FUTU | 5 | 34.26 | -85.9% | 126.7 | -96.2% | 67 | 24 | 182.4% |
| DOW-UBS COMMOD INDEX | 2,101 | 1,551.74 | 35.4% | 1,929.5 | 8.9% | 2,013 | 2,179 | -7.6% |
| DRY WHEY | 47 | 60.68 | -22.5% | 46.55 | 1.1% | 47 | 58 | -18.7% |
| FEEDER CATTLE | 16,371 | 14,485.63 | 13.0% | 13,618.4 | 20.2% | 14,959 | 13,224 | 13.1% |
| GOLDMAN SACHS | 124 | 175.11 | -28.9% | 134.15 | -7.3% | 129 | 173 | -25.4% |
| GSCI EXCESS RETURN FUT | 113 | 578.58 | -80.5% | 41.4 | 172.7% | 76 | 364 | -79.1% |
| HDD EURO SEASONAL STRIP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| HDD SEASONAL STRIP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| HDD WEATHER | 61 | 215.79 | -72.0% | 42.5 | 42.4% | 51 | 205 | -75.0% |
| HDD WEATHER EUROPEAN | 0 | 77.63 | -100.0% | 375 | -100.0% | 192 | 83 | 132.6% |
| HOGS | 45,018 | 48,870.11 | -7.9% | 50,795.4 | -11.4% | 47,981 | 52,403 | -8.4% |
| HOUSING INDEX | 1 | 0.63 | 91.7% | 0.6 | 101.7% | 1 | 1 | 20.7% |
| KC WHEAT | 57,953 | 71,457.26 | -18.9% | 37,402.65 | 54.9% | 47,414 | 59,646 | -20.5% |
| LUMBER | 654 | 533.58 | 22.5% | 624.35 | 4.7% | 639 | 474 | 34.8% |
| MALAYSIAN PALM SWAP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| MILK | 1,140 | 1,418.53 | -19.7% | 1,382 | -17.5% | 1,264 | 1,585 | -20.3% |
| MINI CORN | 990 | 3,437.84 | -71.2% | 1,107.15 | -10.6% | 1,050 | 2,912 | -63.9% |
| MINI SOYBEAN | 1,816 | 5,333.58 | -65.9% | 1,725.7 | 5.2% | 1,770 | 4,118 | -57.0% |
| MINI WHEAT | 1,234 | 1,873.21 | -34.1% | 846.55 | 45.7% | 1,035 | 1,483 | -30.2% |
| MLK MID OPTIONS | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NFD MILK | 286 | 385.42 | -25.9% | 340.4 | -16.1% | 314 | 395 | -20.6% |
| OATS | 657 | 731.47 | -10.2% | 423.85 | 55.0% | 537 | 625 | -14.0% |
| OTC SP GSCI ER SWAP | 1,709 | 0 | - | 25 | 6734.7% | 1,548 | 0 | - |
| PACIFIC RIM DAT SS WTHR | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PORK CUTOUT | 63 | 132.95 | -52.5% | 52.35 | 20.7% | 58 | 127 | -54.7% |
| ROUGH RICE | 1,366 | 1,362.68 | 0.3% | 555.55 | 145.9% | 951 | 1,001 | -5.1% |
| SOYBEAN | 283,787 | 336,397.53 | -15.6% | 206,993.6 | 37.1% | 244,406 | 273,183 | -10.5% |
| SOYBEAN MEAL | 141,003 | 146,955.16 | -4.1% | 112,272.5 | 25.6% | 126,269 | 129,879 | -2.8% |
| SOYBEAN OIL | 154,818 | 137,824.74 | 12.3% | 115,502.4 | 34.0% | 134,656 | 125,125 | 7.6% |
| S&P GSCI ENHANCED ER SWAP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| USD CRUDE PALM OIL | 1,573 | 858.89 | 83.2% | 1,353.45 | 16.3% | 1,461 | 923 | 58.3% |
| WHEAT | 55 | 1,010.42 | -94.5% | 67.5 | -18.1% | 62 | 1,063 | -94.2% |
| Ag Products Options | | | | | | | | |
| AUG-NOV SOYBEAN CAL SPRD | 0 | 0 | - | 0 | - | 0 | 0 | - |
| BLOCK CHEESE | 9 | 3.68 | 132.9% | 1.35 | 535.5% | 5 | 9 | -48.6% |
| BUTTER CS | 80 | 29.05 | 176.8% | 73.45 | 9.5% | 77 | 81 | -5.6% |
| CASH-SETTLED CHEESE | 232 | 328.58 | -29.5% | 280.65 | -17.4% | 257 | 514 | -50.0% |

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| | ADV FEB 2023 | ADV FEB 2022 | % CHG | ADV JAN 2023 | % CHG | ADV Y.T.D 2023 | ADV Y.T.D 2022 | % CHG |
|----------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Ag Products Options | | | | | | | | |
| CATTLE | 11,981 | 10,889.89 | 10.0% | 10,515.05 | 13.9% | 11,229 | 9,780 | 14.8% |
| CDD SEASONAL STRIP | 947 | 26.32 | 3500.0% | 0 | - | 462 | 13 | 3500.0% |
| CDD WEATHER | 2,526 | 0 | - | 0 | - | 1,231 | 0 | - |
| CHI WHEAT | 37,145 | 42,670.53 | -12.9% | 21,087.7 | 76.1% | 28,911 | 38,018 | -24.0% |
| CLASS IV MILK | 336 | 382.89 | -12.3% | 368.05 | -8.8% | 352 | 378 | -6.7% |
| CORN | 78,614 | 128,990.37 | -39.1% | 87,112.9 | -9.8% | 82,972 | 116,480 | -28.8% |
| CORN NEARBY+2 CAL SPRD | 774 | 887.63 | -12.8% | 820.9 | -5.7% | 798 | 1,367 | -41.6% |
| DEC-JULY CORN CAL SPRD | 0 | 63.16 | -100.0% | 0 | - | 0 | 31 | -100.0% |
| DEC-JULY WHEAT CAL SPRD | 12 | 0 | - | 0 | - | 6 | 0 | - |
| DRY WHEY | 0 | 1.11 | -76.2% | 1.15 | -77.1% | 1 | 1 | 33.3% |
| FEEDER CATTLE | 2,502 | 1,812 | 38.1% | 2,524.8 | -0.9% | 2,514 | 1,616 | 55.5% |
| HDD EURO SEASONAL STRIP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| HDD SEASONAL STRIP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| HDD WEATHER | 605 | 52.63 | 1050.0% | 910 | -33.5% | 762 | 72 | 960.7% |
| HDD WEATHER EUROPEAN | 526 | 52.63 | 900.0% | 500 | 5.3% | 513 | 26 | 1900.0% |
| HOGS | 12,757 | 16,053.89 | -20.5% | 13,140.05 | -2.9% | 12,953 | 13,605 | -4.8% |
| JAN-MAY SOYBEAN CAL SPRD | 0 | 0 | - | 0 | - | 0 | 0 | - |
| JULY-DEC CORN CAL SPRD | 433 | 639.58 | -32.4% | 327.4 | 32.1% | 379 | 539 | -29.8% |
| JULY-DEC SOYMEAL CAL SPRD | 0 | 0 | - | 0 | - | 0 | 0 | - |
| JULY-DEC SOY OIL CAL SPRD | 0 | 0 | - | 82.5 | -100.0% | 42 | 0 | - |
| JULY-DEC WHEAT CAL SPRD | 0 | 105.26 | -100.0% | 0 | - | 0 | 51 | -100.0% |
| JULY-JULY WHEAT CAL SPRD | 0 | 0 | - | 0 | - | 0 | 0 | - |
| JULY-NOV SOYBEAN CAL SPRD | 602 | 228.21 | 163.7% | 568.55 | 5.8% | 585 | 260 | 125.2% |
| KC WHEAT | 2,896 | 5,494.84 | -47.3% | 2,470.8 | 17.2% | 2,678 | 5,646 | -52.6% |
| LUMBER | 12 | 27.21 | -55.3% | 16.6 | -26.8% | 14 | 33 | -55.7% |
| LV CATL CSO | 0 | 0 | - | 1.25 | -78.9% | 1 | 0 | - |
| MAR-JULY CORN CAL SPRD | 198 | 181.58 | 9.3% | 293.05 | -32.3% | 247 | 246 | 0.6% |
| MAR-JULY SOYBEAN CAL SPRD | 0 | 0 | - | 1.5 | -100.0% | 1 | 0 | - |
| MAR-JULY WHEAT CAL SPRD | 0 | 0 | - | 0 | - | 0 | 4 | -100.0% |
| MILK | 968 | 677.26 | 42.9% | 1,151.35 | -15.9% | 1,062 | 897 | 18.3% |
| MLK MID OPTIONS | 0 | 0.63 | -50.0% | 0.15 | 110.5% | 0 | 0 | -35.7% |
| NFD MILK | 270 | 215.37 | 25.3% | 253.2 | 6.6% | 261 | 257 | 1.6% |
| NOV-JULY SOYBEAN CAL SPRD | 0 | 31.58 | -100.0% | 0 | - | 0 | 15 | -100.0% |
| NOV-MAR SOYBEAN CSO | 1 | 0 | - | 0 | - | 0 | 0 | - |
| OATS | 9 | 15 | -42.1% | 6.8 | 27.7% | 8 | 12 | -37.4% |
| PORK CUTOFF | 0 | 0 | - | 0.1 | -100.0% | 0 | 0 | - |
| ROUGH RICE | 145 | 70.58 | 105.0% | 63.7 | 127.1% | 103 | 45 | 130.1% |
| SEP-DEC SOYBEAN MEAL CSO | 0 | 0 | - | 0 | - | 0 | 0 | - |
| SOYBEAN | 49,425 | 132,886.32 | -62.8% | 56,298.3 | -12.2% | 52,950 | 108,629 | -51.3% |
| SOYBEAN CRUSH | 0 | 0 | - | 0.25 | -100.0% | 0 | 1 | -76.2% |
| SOYBEAN MEAL | 18,983 | 19,302.05 | -1.7% | 15,965.9 | 18.9% | 17,436 | 16,559 | 5.3% |
| SOYBEAN OIL | 14,961 | 13,651.37 | 9.6% | 9,072.35 | 64.9% | 11,941 | 13,269 | -10.0% |
| SOYBN NEARBY+2 CAL SPRD | 26 | 226.32 | -88.4% | 196.75 | -86.6% | 114 | 110 | 3.1% |
| SOYMEAL NEARBY+2 CAL SPRD | 54 | 0 | - | 60 | -9.6% | 57 | 0 | - |
| SOY OIL NEARBY+2 CAL SPRD | 4 | 0 | - | 1.25 | 215.8% | 3 | 0 | - |
| WHEAT | 130 | 43.26 | 200.6% | 49.85 | 160.9% | 89 | 29 | 206.4% |
| WHEAT-CORN ICOS | 11 | 0 | - | 0 | - | 5 | 1 | 900.0% |
| WHEAT NEARBY+2 CAL SPRD | 52 | 148.79 | -64.9% | 98.65 | -47.1% | 76 | 75 | 1.3% |

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|----------------------------|-------------------|----------------------|--------------|----------------------|--------------|----------------------|----------------------|---------------|
| TOTAL FUTURES GROUP | | | | | | | | |
| Interest Rate Futures | 12,247,213 | 12,332,049.79 | -0.7% | 7,322,991.25 | 67.2% | 9,721,971 | 10,210,644 | -4.8% |
| Equity Index Futures | 5,624,931 | 6,848,250.68 | -17.9% | 5,475,454.3 | 2.7% | 5,548,276 | 7,120,134 | -22.1% |
| Metals Futures | 534,095 | 504,951.58 | 5.8% | 542,743.35 | -1.6% | 538,530 | 511,020 | 5.4% |
| Energy Futures | 1,835,256 | 2,490,284.53 | -26.3% | 1,800,432.85 | 1.9% | 1,817,398 | 2,285,263 | -20.5% |
| FX Futures | 806,192 | 831,951.53 | -3.1% | 772,282.35 | 4.4% | 788,803 | 782,081 | 0.9% |
| Foreign Exchange Futures | 0 | 1.21 | -100.0% | 0.15 | -100.0% | 0 | 1 | -87.0% |
| Ags Futures | 114 | 231.26 | -50.7% | 97.85 | 16.6% | 106 | 198 | -46.6% |
| Ag Products Futures | 1,289,220 | 1,487,577.58 | -13.3% | 983,706 | 31.1% | 1,133,249 | 1,267,610 | -10.6% |
| TOTAL FUTURES | 22,337,020 | 24,495,298.16 | -8.8% | 16,897,708.1 | 32.2% | 19,548,332.51 | 22,176,950.72 | -11.9% |
| TOTAL OPTIONS GROUP | | | | | | | | |
| Interest Rate Options | 3,949,925 | 2,602,788.95 | 51.8% | 3,020,927.55 | 30.8% | 3,473,516 | 2,619,079 | 32.6% |
| Equity Index Options | 1,316,194 | 1,219,823 | 7.9% | 1,213,980.55 | 8.4% | 1,263,777 | 1,286,965 | -1.8% |
| Metals Options | 80,848 | 71,391.42 | 13.2% | 82,106.9 | -1.5% | 81,493 | 64,622 | 26.1% |
| Energy Options | 267,427 | 320,703.37 | -16.6% | 230,243.25 | 16.1% | 248,358 | 290,004 | -14.4% |
| FX Options | 40,418 | 43,734.53 | -7.6% | 34,256.8 | 18.0% | 37,259 | 43,960 | -15.2% |
| Ag Products Options | 238,225 | 376,189.58 | -36.7% | 224,316.3 | 6.2% | 231,092 | 328,669 | -29.7% |
| Foreign Exchange Options | 573 | 88.21 | 550.1% | 274 | 109.3% | 420 | 49 | 755.5% |
| TOTAL OPTIONS | 5,893,610 | 4,634,719.05 | 27.2% | 4,806,105.35 | 22.6% | 5,335,915.2 | 4,633,347.77 | 15.2% |
| TOTAL COMBINED | | | | | | | | |
| FX | 846,611 | 875,686.05 | -3.3% | 806,539.15 | 5.0% | 826,061 | 826,041 | 0.0% |
| Equity Index | 6,941,125 | 8,068,073.68 | -14.0% | 6,689,434.85 | 3.8% | 6,812,053 | 8,407,099 | -19.0% |
| Interest Rate | 16,197,137 | 14,934,838.74 | 8.5% | 10,343,918.8 | 56.6% | 13,195,487 | 12,829,722 | 2.9% |
| Energy | 2,102,682 | 2,810,987.89 | -25.2% | 2,030,676.1 | 3.5% | 2,065,756 | 2,575,268 | -19.8% |
| Metals | 614,943 | 576,343 | 6.7% | 624,850.25 | -1.6% | 620,024 | 575,642 | 7.7% |
| Foreign Exchange | 573 | 89.42 | 541.3% | 274.15 | 109.2% | 420 | 50 | 745.5% |
| Ags | 114 | 231.26 | -50.7% | 97.85 | 16.6% | 106 | 198 | -46.6% |
| Ag Products | 1,527,445 | 1,863,767.16 | -18.0% | 1,208,022.3 | 26.4% | 1,364,341 | 1,596,278 | -14.5% |
| GRAND TOTAL | 28,230,630 | 29,130,017.21 | -3.1% | 21,703,813.45 | 30.1% | 24,884,247.72 | 26,810,298.49 | -7.2% |

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