

CME Group Exchange ADV Report - Monthly

February 2021

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| | ADV FEB 2021 | ADV FEB 2020 | % CHG | ADV JAN 2021 | % CHG | ADV Y.T.D 2021 | ADV Y.T.D 2020 | % CHG |
|------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| FX Futures | | | | | | | | |
| AD/CD CROSS RATES | 0 | 0.58 | -45.4% | 0.32 | 0.0% | 0 | 1 | -36.8% |
| AD/JY CROSS RATES | 133 | 120 | 10.7% | 121 | 9.8% | 127 | 111 | 14.8% |
| AD/NE CROSS RATES | 9 | 8.68 | 5.5% | 5.58 | 64.2% | 7 | 23 | -67.7% |
| AUSTRALIAN DOLLAR | 113,302 | 122,740.58 | -7.7% | 115,745.89 | -2.1% | 114,524 | 110,908 | 3.3% |
| BP/JY CROSS RATES | 123 | 131.58 | -6.6% | 100.32 | 22.5% | 112 | 134 | -16.7% |
| BP/SF CROSS RATES | 41 | 23.05 | 75.8% | 14.79 | 174.0% | 28 | 18 | 51.3% |
| BRAZIL REAL | 11,004 | 12,924.63 | -14.9% | 13,809.37 | -20.3% | 12,407 | 11,565 | 7.3% |
| BRITISH POUND | 93,841 | 119,389.26 | -21.4% | 88,758.37 | 5.7% | 91,300 | 106,197 | -14.0% |
| CANADIAN DOLLAR | 76,413 | 93,051.84 | -17.9% | 73,140.05 | 4.5% | 74,777 | 82,169 | -9.0% |
| CD/JY CROSS RATES | 1 | 2.32 | -70.5% | 15.79 | -95.7% | 8 | 4 | 109.9% |
| CHINESE RENMINBI (CNH) | 679 | 1,006.95 | -32.5% | 898.42 | -24.4% | 789 | 915 | -13.8% |
| CZECK KORUNA (EC) | 0 | 0.26 | -100.0% | 0 | - | 0 | 0 | -100.0% |
| CZECK KORUNA (US) | 0 | 0 | - | 0 | - | 0 | 0 | - |
| EC/AD CROSS RATES | 160 | 408 | -60.8% | 173.79 | -8.1% | 167 | 351 | -52.6% |
| EC/CD CROSS RATES | 109 | 100.11 | 8.8% | 132.37 | -17.7% | 121 | 83 | 44.6% |
| EC/NOK CROSS RATES | 24 | 10.68 | 125.1% | 4.79 | 402.2% | 14 | 8 | 88.5% |
| EC/SEK CROSS RATES | 16 | 23.05 | -29.9% | 15.79 | 2.3% | 16 | 22 | -27.4% |
| EFX/BP CROSS RATES | 2,075 | 3,340.58 | -37.9% | 2,049.16 | 1.3% | 2,062 | 2,894 | -28.7% |
| EFX/JY CROSS RATES | 981 | 3,883.11 | -74.7% | 944.53 | 3.9% | 963 | 2,912 | -66.9% |
| EFX/SF CROSS RATES | 984 | 1,393.53 | -29.4% | 572.74 | 71.9% | 779 | 1,337 | -41.8% |
| E-MINI EURO FX | 7,675 | 4,820.53 | 59.2% | 8,596.32 | -10.7% | 8,135 | 3,594 | 126.4% |
| E-MINI JAPANESE YEN | 631 | 1,257.74 | -49.8% | 568.89 | 10.9% | 600 | 877 | -31.6% |
| EURO FX | 195,615 | 234,753.42 | -16.7% | 177,514.11 | 10.2% | 186,564 | 201,320 | -7.3% |
| HUNGARIAN FORINT (EC) | 0 | 0 | - | 0 | - | 0 | 0 | - |
| HUNGARIAN FORINT (US) | 0 | 0.05 | 600.4% | 0.26 | 40.0% | 0 | 0 | 26.3% |
| INDIAN RUPEE | 934 | 1,813.21 | -48.5% | 1,134 | -17.6% | 1,034 | 1,717 | -39.8% |
| JAPANESE YEN | 99,437 | 190,604.63 | -47.8% | 90,591.21 | 9.8% | 95,014 | 162,911 | -41.7% |
| KOREAN WON | 91 | 81.68 | 11.9% | 97.68 | -6.5% | 95 | 51 | 87.2% |
| MEXICAN PESO | 52,691 | 69,121.89 | -23.8% | 56,143.68 | -6.1% | 54,418 | 58,886 | -7.6% |
| MICRO AUD/USD | 11,625 | 5,000.11 | 132.5% | 15,734.63 | -26.1% | 13,680 | 4,668 | 193.1% |
| MICRO CAD/USD | 2,521 | 945.95 | 166.5% | 2,025 | 24.5% | 2,273 | 855 | 165.8% |
| MICRO CHF/USD | 540 | 200.32 | 169.6% | 389.84 | 38.5% | 465 | 234 | 98.4% |
| MICRO EUR/USD | 27,950 | 10,420.11 | 168.2% | 32,943.79 | -15.2% | 30,447 | 9,044 | 236.6% |
| MICRO GBP/USD | 3,414 | 2,527.95 | 35.0% | 3,853.58 | -11.4% | 3,634 | 2,296 | 58.2% |
| MICRO INR/USD | 107 | 197.47 | -45.9% | 119.74 | -10.9% | 113 | 186 | -39.1% |
| MICRO JPY/USD | 1,492 | 1,338.16 | 11.5% | 1,319.89 | 13.1% | 1,406 | 1,106 | 27.2% |
| MICRO USD/CNH | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NEW ZEALND DOLLAR | 34,267 | 33,461.58 | 2.4% | 31,869.74 | 7.5% | 33,068 | 29,184 | 13.3% |
| NKR/USD CROSS RATE | 284 | 412.16 | -31.0% | 227.05 | 25.2% | 256 | 379 | -32.5% |
| POLISH ZLOTY (EC) | 3 | 0 | - | 1.26 | 158.3% | 2 | 0 | - |
| POLISH ZLOTY (US) | 14 | 24.53 | -44.4% | 102.16 | -86.7% | 58 | 21 | 174.7% |
| RMB USD | 0 | 0.11 | -100.0% | 0 | - | 0 | 0 | -100.0% |
| RUSSIAN RUBLE | 3,955 | 5,581.63 | -29.1% | 3,665.89 | 7.9% | 3,810 | 4,423 | -13.9% |
| S.AFRICAN RAND | 2,201 | 3,007.42 | -26.8% | 2,627.74 | -16.2% | 2,414 | 3,012 | -19.8% |
| SF/JY CROSS RATES | 10 | 5 | 93.7% | 0.74 | 1214.4% | 5 | 3 | 60.3% |
| SHEKEL | 0 | 3.21 | -96.7% | 0.05 | 100.2% | 0 | 2 | -96.3% |
| SKR/USD CROSS RATES | 186 | 202 | -8.1% | 231.63 | -19.8% | 209 | 203 | 3.0% |
| SWISS FRANC | 25,006 | 33,927.68 | -26.3% | 20,242.53 | 23.5% | 22,624 | 30,486 | -25.8% |
| TURKISH LIRA | 2 | 8.05 | -70.6% | 1.16 | 104.5% | 2 | 7 | -75.9% |

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|-------------------------------|-----------------|-----------------|-----------|-----------------|---------|-------------------|-------------------|-----------|
| FX Options | | | | | | | | |
| AUD/USD MONDAY OPTION WEEK1 | 23 | 26.79 | -13.8% | 14 | 65.0% | 19 | 13 | 45.8% |
| AUD/USD MONDAY OPTION WEEK2 | 12 | 0 | - | 61.37 | -80.8% | 37 | 0 | - |
| AUD/USD MONDAY OPTION WEEK3 | 44 | 0 | - | 0 | - | 22 | 0 | - |
| AUD/USD MONDAY OPTION WEEK4 | 15 | 0 | - | 11.84 | 23.1% | 13 | 0 | - |
| AUD/USD MONDAY OPTION WEEK5 | 0 | 0 | - | 0 | - | 0 | 0 | - |
| AUD/USD MONTHLY OPTIONS | 2,331 | 5,685.68 | -59.0% | 4,908.68 | -52.5% | 3,620 | 4,767 | -24.1% |
| AUD/USD WKLY FRIDAY OPTIONS - | 0 | 0 | - | 0 | - | 0 | 0 | - |
| AUD/USD WKLY FRIDAY OPTIONS - | 115 | 490.26 | -76.5% | 84.11 | 37.2% | 100 | 392 | -74.6% |
| AUD/USD WKLY FRIDAY OPTIONS - | 85 | 377.84 | -77.4% | 171 | -50.2% | 128 | 295 | -56.6% |
| AUD/USD WKLY FRIDAY OPTIONS - | 148 | 418.58 | -64.6% | 272.79 | -45.6% | 211 | 336 | -37.3% |
| AUD/USD WKLY FRIDAY OPTIONS - | 0 | 0 | - | 61.79 | -100.0% | 31 | 120 | -74.3% |
| AUD/USD WKLY WED OPTIONS - WK | 39 | 112.32 | -64.9% | 74.53 | -47.0% | 57 | 90 | -36.5% |
| AUD/USD WKLY WED OPTIONS - WK | 30 | 93.32 | -68.1% | 85.53 | -65.2% | 58 | 88 | -34.3% |
| AUD/USD WKLY WED OPTIONS - WK | 27 | 93.37 | -71.2% | 64.11 | -58.0% | 46 | 102 | -55.3% |
| AUD/USD WKLY WED OPTIONS - WK | 50 | 259.26 | -80.6% | 79.05 | -36.3% | 65 | 155 | -58.1% |
| AUD/USD WKLY WED OPTIONS - WK | 0 | 0 | - | 0 | - | 0 | 65 | -100.0% |
| BRL/USD MONTHLY OPTIONS | 5 | 1.63 | 222.6% | 0.68 | 669.2% | 3 | 2 | 46.8% |
| CAD/USD MONDAY OPTIONS WEEK1 | 50 | 0 | - | 44.63 | 12.6% | 47 | 0 | - |
| CAD/USD MONDAY OPTIONS WEEK2 | 54 | 0.05 | 103161.8% | 23.68 | 129.3% | 39 | 0 | 155900.0% |
| CAD/USD MONDAY OPTIONS WEEK3 | 3 | 4.95 | -41.5% | 0 | - | 1 | 2 | -38.4% |
| CAD/USD MONDAY OPTIONS WEEK4 | 63 | 0 | - | 24.84 | 154.2% | 44 | 0 | - |
| CAD/USD MONDAY OPTIONS WEEK5 | 0 | 0 | - | 0 | - | 0 | 0 | - |
| CAD/USD MONTHLY OPTIONS | 2,808 | 3,519.58 | -20.2% | 2,094.74 | 34.0% | 2,451 | 2,714 | -9.7% |
| CAD/USD WKLY FRIDAY OPTIONS - | 0 | 0 | - | 0 | - | 0 | 0 | - |
| CAD/USD WKLY FRIDAY OPTIONS - | 261 | 510.37 | -48.9% | 131 | 99.0% | 196 | 509 | -61.5% |
| CAD/USD WKLY FRIDAY OPTIONS - | 265 | 423.26 | -37.3% | 312.16 | -15.0% | 289 | 436 | -33.8% |
| CAD/USD WKLY FRIDAY OPTIONS - | 670 | 577 | 16.0% | 266.63 | 151.1% | 468 | 477 | -1.9% |
| CAD/USD WKLY FRIDAY OPTIONS - | 0 | 0 | - | 309.05 | -100.0% | 155 | 265 | -41.7% |
| CAD/USD WKLY WED OPTIONS - WK | 75 | 141.26 | -46.7% | 47.84 | 57.4% | 62 | 109 | -43.5% |
| CAD/USD WKLY WED OPTIONS - WK | 67 | 72.05 | -7.5% | 43.79 | 52.3% | 55 | 65 | -15.4% |
| CAD/USD WKLY WED OPTIONS - WK | 111 | 131.32 | -15.4% | 23.63 | 370.2% | 67 | 140 | -52.0% |
| CAD/USD WKLY WED OPTIONS - WK | 37 | 163.47 | -77.4% | 10.26 | 260.5% | 24 | 129 | -81.7% |
| CAD/USD WKLY WED OPTIONS - WK | 0 | 0 | - | 0 | - | 0 | 38 | -100.0% |
| CHF/USD MONTHLY OPTIONS | 162 | 277 | -41.3% | 169.16 | -4.0% | 166 | 307 | -46.1% |
| CHF/USD WKLY FRIDAY OPTIONS - | 0 | 0 | - | 0 | - | 0 | 0 | - |
| CHF/USD WKLY FRIDAY OPTIONS - | 20 | 10.58 | 87.1% | 11.74 | 68.6% | 16 | 11 | 38.0% |
| CHF/USD WKLY FRIDAY OPTIONS - | 10 | 16.74 | -40.9% | 3.42 | 189.2% | 7 | 8 | -20.3% |
| CHF/USD WKLY FRIDAY OPTIONS - | 10 | 6.58 | 56.8% | 29.84 | -65.4% | 20 | 6 | 225.2% |
| CHF/USD WKLY FRIDAY OPTIONS - | 0 | 0 | - | 0.26 | -100.0% | 0 | 21 | -99.4% |
| EUR/GBP WKLY FRIDAY OPTIONS - | 0 | 0 | - | 0 | - | 0 | 0 | - |
| EUR/USD MONDAY OPTION WEEK1 | 162 | 57 | 184.2% | 8.79 | 1743.1% | 85 | 27 | 215.4% |
| EUR/USD MONDAY OPTION WEEK2 | 24 | 2.63 | 808.0% | 109.68 | -78.2% | 67 | 1 | 5243.2% |
| EUR/USD MONDAY OPTION WEEK3 | 12 | 17.74 | -31.5% | 0 | - | 6 | 8 | -27.8% |
| EUR/USD MONDAY OPTION WEEK4 | 26 | 2.58 | 904.1% | 211.74 | -87.8% | 119 | 1 | 9599.2% |
| EUR/USD MONDAY OPTION WEEK5 | 0 | 0 | - | 0 | - | 0 | 0 | - |
| EUR/USD MONTHLY OPTIONS | 11,213 | 24,197.53 | -53.7% | 10,613.68 | 5.6% | 10,913 | 18,363 | -40.6% |
| EUR/USD WKLY FRIDAY OPTIONS - | 0 | 0 | - | 0 | - | 0 | 0 | - |

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|-------------------------------|-----------------|-----------------|--------|-----------------|---------|-------------------|-------------------|---------|
| FX Options | | | | | | | | |
| EUR/USD WKLY FRIDAY OPTIONS - | 1,003 | 2,096 | -52.1% | 183.68 | 446.2% | 594 | 1,556 | -61.9% |
| EUR/USD WKLY FRIDAY OPTIONS - | 1,309 | 1,701.05 | -23.0% | 897.26 | 45.9% | 1,103 | 1,554 | -29.0% |
| EUR/USD WKLY FRIDAY OPTIONS - | 891 | 2,528.79 | -64.8% | 879.16 | 1.4% | 885 | 1,879 | -52.9% |
| EUR/USD WKLY FRIDAY OPTIONS - | 0 | 0 | - | 851.95 | -100.0% | 426 | 561 | -24.0% |
| EUR/USD WKLY WED OPTIONS - WK | 345 | 792.42 | -56.4% | 243.32 | 41.8% | 294 | 546 | -46.1% |
| EUR/USD WKLY WED OPTIONS - WK | 390 | 798.74 | -51.2% | 366.84 | 6.3% | 378 | 550 | -31.2% |
| EUR/USD WKLY WED OPTIONS - WK | 412 | 780.84 | -47.3% | 445.47 | -7.6% | 429 | 524 | -18.2% |
| EUR/USD WKLY WED OPTIONS - WK | 463 | 648.37 | -28.5% | 613.74 | -24.5% | 539 | 544 | -1.0% |
| EUR/USD WKLY WED OPTIONS - WK | 0 | 0 | - | 0 | - | 0 | 239 | -100.0% |
| GBP/USD MONDAY OPTION WEEK1 | 29 | 32.58 | -11.0% | 0 | - | 15 | 15 | -6.3% |
| GBP/USD MONDAY OPTION WEEK2 | 0 | 0 | - | 10.74 | -100.0% | 5 | 0 | - |
| GBP/USD MONDAY OPTION WEEK3 | 5 | 0 | - | 0 | - | 3 | 0 | - |
| GBP/USD MONDAY OPTION WEEK4 | 32 | 0 | - | 17.95 | 80.9% | 25 | 0 | - |
| GBP/USD MONDAY OPTION WEEK5 | 0 | 0 | - | 0 | - | 0 | 0 | - |
| GBP/USD MONTHLY OPTIONS | 5,276 | 6,427.89 | -17.9% | 2,977.68 | 77.2% | 4,127 | 5,144 | -19.8% |
| GBP/USD WKLY FRIDAY OPTIONS - | 0 | 0 | - | 0 | - | 0 | 0 | - |
| GBP/USD WKLY FRIDAY OPTIONS - | 250 | 462.84 | -46.1% | 65.68 | 280.1% | 158 | 287 | -45.0% |
| GBP/USD WKLY FRIDAY OPTIONS - | 120 | 204.53 | -41.5% | 184.58 | -35.2% | 152 | 223 | -31.9% |
| GBP/USD WKLY FRIDAY OPTIONS - | 320 | 150.05 | 113.3% | 112.63 | 184.1% | 216 | 333 | -35.1% |
| GBP/USD WKLY FRIDAY OPTIONS - | 0 | 0 | - | 55.95 | -100.0% | 28 | 153 | -81.7% |
| GBP/USD WKLY WED OPTIONS - WK | 70 | 145.79 | -52.0% | 38.16 | 83.3% | 54 | 151 | -64.2% |
| GBP/USD WKLY WED OPTIONS - WK | 4 | 32 | -86.7% | 42.32 | -89.9% | 23 | 50 | -53.1% |
| GBP/USD WKLY WED OPTIONS - WK | 46 | 170 | -72.7% | 5.58 | 731.1% | 26 | 144 | -82.0% |
| GBP/USD WKLY WED OPTIONS - WK | 10 | 18.32 | -44.3% | 59.95 | -83.0% | 35 | 142 | -75.3% |
| GBP/USD WKLY WED OPTIONS - WK | 0 | 0 | - | 0 | - | 0 | 110 | -100.0% |
| JPY/USD MONDAY OPTION WEEK1 | 44 | 106.53 | -58.3% | 7.89 | 463.3% | 26 | 51 | -48.3% |
| JPY/USD MONDAY OPTION WEEK2 | 24 | 29.53 | -19.8% | 3.63 | 552.2% | 14 | 14 | -2.6% |
| JPY/USD MONDAY OPTION WEEK3 | 22 | 0 | - | 0 | - | 11 | 0 | - |
| JPY/USD MONDAY OPTION WEEK4 | 1 | 5.05 | -88.5% | 0 | - | 0 | 2 | -87.9% |
| JPY/USD MONDAY OPTION WEEK5 | 0 | 0 | - | 0 | - | 0 | 0 | - |
| JPY/USD MONTHLY OPTIONS | 5,603 | 12,069.95 | -53.6% | 3,486.63 | 60.7% | 4,545 | 9,103 | -50.1% |
| JPY/USD WKLY FRIDAY OPTIONS - | 0 | 0 | - | 0 | - | 0 | 0 | - |
| JPY/USD WKLY FRIDAY OPTIONS - | 469 | 1,095.63 | -57.2% | 40.95 | 1044.2% | 255 | 998 | -74.5% |
| JPY/USD WKLY FRIDAY OPTIONS - | 430 | 1,030.95 | -58.2% | 479.58 | -10.3% | 455 | 910 | -50.0% |
| JPY/USD WKLY FRIDAY OPTIONS - | 423 | 1,436.58 | -70.6% | 461.32 | -8.4% | 442 | 908 | -51.3% |
| JPY/USD WKLY FRIDAY OPTIONS - | 0 | 0 | - | 429.26 | -100.0% | 215 | 390 | -44.9% |
| JPY/USD WKLY WED OPTIONS - WK | 117 | 883.68 | -86.8% | 59.53 | 95.9% | 88 | 562 | -84.3% |
| JPY/USD WKLY WED OPTIONS - WK | 107 | 330.11 | -67.7% | 197.47 | -46.0% | 152 | 240 | -36.6% |
| JPY/USD WKLY WED OPTIONS - WK | 104 | 318.58 | -67.5% | 232.05 | -55.4% | 168 | 245 | -31.5% |
| JPY/USD WKLY WED OPTIONS - WK | 113 | 437.58 | -74.1% | 174.05 | -34.8% | 144 | 339 | -57.6% |
| JPY/USD WKLY WED OPTIONS - WK | 0 | 0 | - | 0 | - | 0 | 138 | -100.0% |
| MXN/USD MONTHLY OPTIONS | 24 | 347.58 | -93.1% | 99 | -75.7% | 62 | 179 | -65.6% |
| MXN/USD WKLY FRIDAY OPTIONS - | 0 | 0 | - | 0 | - | 0 | 0 | - |
| MXN/USD WKLY FRIDAY OPTIONS - | 0 | 0 | - | 0 | - | 0 | 0 | - |
| MXN/USD WKLY FRIDAY OPTIONS - | 0 | 0 | - | 0 | - | 0 | 0 | - |
| MXN/USD WKLY FRIDAY OPTIONS - | 0 | 0 | - | 0 | - | 0 | 15 | -100.0% |
| MXN/USD WKLY FRIDAY OPTIONS - | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| NZD/USD MONTHLY OPTIONS | 4 | 126.79 | -97.1% | 6.16 | -39.3% | 5 | 92 | -94.6% |

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| FX Options | | | | | | | | |
| NZD/USD WKLY FRIDAY OPTIONS - | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NZD/USD WKLY FRIDAY OPTIONS - | 0 | 0 | - | 0 | - | 0 | 0 | - |
| RUB/USD MONTHLY OPTIONS | 1 | 0 | - | 3.05 | -82.8% | 2 | 0 | - |

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| Equity Index Futures | | | | | | | | |
| BITCOIN FUTURES | 13,414 | 10,152.89 | 32.1% | 17,548.89 | -23.6% | 15,481 | 10,472 | 47.8% |
| DJ US REAL ESTATE | 1,256 | 1,623.95 | -22.6% | 1,772.11 | -29.1% | 1,514 | 1,741 | -13.0% |
| E-mini (\$5) Dow | 183,840 | 333,411.47 | -44.9% | 197,952.84 | -7.1% | 190,896 | 283,760 | -32.7% |
| E-MINI COM SERVICES SELECT SEC | 112 | 120.16 | -6.8% | 92.16 | 21.5% | 102 | 162 | -36.9% |
| E-mini FTSE China 50 | 0 | 0 | - | 0 | - | 0 | 0 | - |
| E-MINI MIDCAP | 9,879 | 19,506.79 | -49.4% | 14,499.53 | -31.9% | 12,189 | 17,565 | -30.6% |
| E-MINI NASDAQ 100 | 570,351 | 814,449.32 | -30.0% | 537,044.11 | 6.2% | 553,698 | 689,436 | -19.7% |
| E-MINI RUSSELL 1000 | 236 | 389.79 | -39.5% | 127 | 85.7% | 181 | 246 | -26.2% |
| E-MINI RUSSELL 1000 GROWTH | 143 | 308.74 | -53.7% | 122.21 | 17.0% | 133 | 305 | -56.5% |
| E-MINI RUSSELL 1000 VALUE | 547 | 327.79 | 67.0% | 229.42 | 138.6% | 388 | 368 | 5.4% |
| E-MINI RUSSELL 2000 | 195,035 | 193,493.21 | 0.8% | 204,378.42 | -4.6% | 199,707 | 174,246 | 14.6% |
| E-MINI S&P500 | 1,577,295 | 2,424,030.47 | -34.9% | 1,591,810.21 | -0.9% | 1,584,552 | 2,077,176 | -23.7% |
| E-MINI S&P REAL ESTATE SELECT S | 144 | 938.79 | -84.7% | 169.53 | -15.1% | 157 | 824 | -81.0% |
| ETHER FUTURES | 612 | 0 | - | 0 | - | 306 | 0 | - |
| FT-SE 100 | 0 | 0 | - | 0 | - | 0 | 0 | - |
| FTSE Emerging | 0 | 54.16 | -99.5% | 0 | - | 0 | 87 | -99.8% |
| IBOVESPA INDEX | 14 | 43.32 | -67.3% | 22.53 | -37.1% | 18 | 42 | -55.9% |
| MICRO E-MINI NASDAQ 100 | 994,717 | 494,016 | 101.4% | 910,978.11 | 9.2% | 952,848 | 379,991 | 150.8% |
| MICRO E-MINI RUSSELL 2000 | 165,651 | 69,317.21 | 139.0% | 189,051.84 | -12.4% | 177,351 | 53,517 | 231.4% |
| MICRO E-MINI S&P500 | 953,936 | 570,552.32 | 67.2% | 996,581.79 | -4.3% | 975,259 | 437,658 | 122.8% |
| MICRO MINI \$5 DOW | 130,211 | 118,499.84 | 9.9% | 185,985.58 | -30.0% | 158,098 | 85,624 | 84.6% |
| NASDAQ BIOTECH | 26 | 49.79 | -47.4% | 54.58 | -52.0% | 40 | 43 | -7.0% |
| Nearby BTIC+ | 0 | 10.53 | -98.0% | 0 | - | 0 | 5 | -97.9% |
| NIKKEI 225 (\$) STOCK | 6,135 | 18,034.74 | -66.0% | 6,734.11 | -8.9% | 6,435 | 13,684 | -53.0% |
| NIKKEI 225 (YEN) STOCK | 29,776 | 74,101.63 | -59.8% | 34,330.37 | -13.3% | 32,053 | 57,396 | -44.2% |
| S&P 500 | 6,095 | 7,115.16 | -14.3% | 4,638.84 | 31.4% | 5,367 | 5,918 | -9.3% |
| S&P 500 ANNUAL DIVIDEND INDEX F | 1,830 | 4,873.26 | -62.4% | 4,070.63 | -55.0% | 2,951 | 3,231 | -8.7% |
| S&P 500/GI | 0 | 0 | - | 0 | - | 0 | 0 | - |
| S&P 500 QUARLY DIVIDEND INDEX F | 0 | 27.89 | -100.0% | 23.26 | -100.0% | 12 | 18 | -35.4% |
| S&P 600 SMALLCAP EMINI | 0 | 0 | - | 0 | - | 0 | 0 | - |
| S&P CONSUMER DSCRTNRY SECTC | 544 | 485.47 | 12.1% | 515.05 | 5.7% | 530 | 436 | 21.5% |
| S&P CONSUMER STAPLES SECTOR | 793 | 1,229.37 | -35.5% | 992.16 | -20.1% | 893 | 1,114 | -19.9% |
| S&P ENERGY SECTOR | 1,569 | 1,319.32 | 18.9% | 1,437.16 | 9.2% | 1,503 | 1,084 | 38.7% |
| S&P FINANCIAL SECTOR | 1,771 | 1,456.11 | 21.7% | 2,789.79 | -36.5% | 2,281 | 1,276 | 78.7% |
| S&P HEALTH CARE SECTOR | 465 | 626.47 | -25.8% | 595.47 | -21.9% | 530 | 861 | -38.4% |
| S&P INDUSTRIAL SECTOR | 615 | 578.47 | 6.2% | 857.74 | -28.3% | 736 | 526 | 40.1% |
| S&P MATERIALS SECTOR | 506 | 495.74 | 2.0% | 532.63 | -5.1% | 519 | 477 | 8.8% |
| S&P TECHNOLOGY SECTOR | 476 | 822.16 | -42.1% | 539.79 | -11.8% | 508 | 640 | -20.7% |
| S&P UTILITIES SECTOR | 874 | 1,671.21 | -47.7% | 867.58 | 0.7% | 871 | 1,249 | -30.3% |
| S&P VALUE INDEX FUTURES | 0 | 0 | - | 20 | -100.0% | 10 | 0 | - |
| WATER INDEX FUTURES | 13 | 0 | - | 4.53 | 196.5% | 9 | 0 | - |
| YEN DENOMINATED TOPIX | 71 | 239.32 | -70.2% | 75.11 | -5.0% | 73 | 473 | -84.5% |

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|--------------------------------|-----------------|-----------------|--------|-----------------|---------|-------------------|-------------------|---------|
| Equity Index Options | | | | | | | | |
| BITCOIN FUTURES | 67 | 32.11 | 109.8% | 102.47 | -34.3% | 85 | 25 | 236.3% |
| E-mini (\$5) Dow | 64 | 212.95 | -69.7% | 92.74 | -30.5% | 79 | 164 | -52.1% |
| E-MINI NASDAQ 100 | 25,388 | 27,583.74 | -8.0% | 19,641.58 | 29.3% | 22,515 | 22,516 | 0.0% |
| E-MINI RUSSELL 2000 | 1,975 | 1,698.26 | 16.3% | 1,394.32 | 41.6% | 1,685 | 1,068 | 57.7% |
| E-MINI S&P500 | 297,590 | 522,025.63 | -43.0% | 272,656 | 9.1% | 285,123 | 391,344 | -27.1% |
| EOM E-MINI RUSSELL 2000 END OF | 1,131 | 471.42 | 139.9% | 1,260.58 | -10.3% | 1,196 | 414 | 189.1% |
| EOM EMINI S&P | 103,068 | 194,650.89 | -47.1% | 102,679.89 | 0.4% | 102,874 | 162,030 | -36.5% |
| EOM S&P 500 | 3,271 | 9,159.26 | -64.3% | 3,160.16 | 3.5% | 3,216 | 7,415 | -56.6% |
| EOW1 E-MINI RUSSELL 2000 WEEKL | 552 | 422.26 | 30.8% | 401.84 | 37.5% | 477 | 330 | 44.5% |
| EOW1 EMINI S&P 500 | 54,188 | 79,612.42 | -31.9% | 24,727.47 | 119.1% | 39,458 | 63,834 | -38.2% |
| EOW1 S&P 500 | 3,400 | 3,272.47 | 3.9% | 1,358.37 | 150.3% | 2,379 | 2,794 | -14.9% |
| EOW2 E-MINI RUSSELL 2000 WEEKL | 759 | 335.32 | 126.4% | 449.32 | 69.0% | 604 | 268 | 125.6% |
| EOW2 EMINI S&P 500 | 47,378 | 70,349.05 | -32.7% | 54,117.05 | -12.5% | 50,747 | 60,505 | -16.1% |
| EOW2 S&P 500 | 2,433 | 3,448.68 | -29.4% | 4,187.16 | -41.9% | 3,310 | 4,720 | -29.9% |
| EOW3 E-MINI RUSSELL 2000 WEEKL | 1,567 | 1,191.53 | 31.5% | 1,630.58 | -3.9% | 1,599 | 1,214 | 31.8% |
| EOW3 EMINI S&P 500 | 110,550 | 138,740.89 | -20.3% | 127,106.47 | -13.0% | 118,828 | 135,600 | -12.4% |
| EOW3 S&P 500 | 3,238 | 5,951.42 | -45.6% | 4,414.16 | -26.6% | 3,826 | 5,990 | -36.1% |
| EOW4 E-MINI RUSSELL 2000 WEEKL | 137 | 16.63 | 724.0% | 711.63 | -80.7% | 424 | 148 | 186.3% |
| EOW4 EMINI S&P 500 | 3,129 | 5,686.53 | -45.0% | 47,120.37 | -93.4% | 25,125 | 26,692 | -5.9% |
| EOW4 S&P 500 | 86 | 0 | - | 1,015.84 | -91.5% | 551 | 0 | - |
| MICRO E-MINI NASDAQ 100 | 125 | 0 | - | 39.68 | 213.8% | 82 | 0 | - |
| MICRO E-MINI S&P500 | 1,239 | 0 | - | 798.05 | 55.3% | 1,019 | 0 | - |
| S&P 500 | 7,621 | 14,571.32 | -47.7% | 8,233.42 | -7.4% | 7,927 | 13,128 | -39.6% |
| Interest Rate Futures | | | | | | | | |
| 10-YR NOTE | 2,967,082 | 3,407,607.32 | -12.9% | 1,718,981.37 | 72.6% | 2,343,032 | 2,568,041 | -8.8% |
| 10-YR SWAP RATE | 3,031 | 1,667.05 | 81.8% | 3,142.37 | -3.5% | 3,087 | 1,826 | 69.1% |
| 15-YR SWAP RATE | 0 | 0 | - | 0 | - | 0 | 0 | - |
| 1-MONTH EURODOLLAR | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| 20-YR SWAP RATE | 0 | 0 | - | 0 | - | 0 | 0 | - |
| 2-YR NOTE | 828,056 | 1,396,727.74 | -40.7% | 310,844.26 | 166.4% | 569,450 | 938,506 | -39.3% |
| 2-YR SWAP RATE | 7,166 | 1,182.16 | 506.2% | 2,297.42 | 211.9% | 4,732 | 1,016 | 365.7% |
| 30-YR BOND | 707,331 | 675,783.21 | 4.7% | 422,713.68 | 67.3% | 565,022 | 506,734 | 11.5% |
| 30-YR SWAP RATE | 28 | 29.32 | -4.1% | 5.26 | 434.0% | 17 | 20 | -17.1% |
| 3-YR NOTE | 11,325 | 0 | - | 7,945.95 | 42.5% | 9,636 | 0 | - |
| 3-YR SWAP RATE | 98 | 243 | -59.8% | 413.89 | -76.4% | 256 | 256 | -0.2% |
| 4-YR SWAP RATE | 213 | 70.84 | 201.3% | 7.63 | 2697.2% | 111 | 58 | 91.4% |
| 5-YR NOTE | 1,950,485 | 2,100,401.32 | -7.1% | 910,548.79 | 114.2% | 1,430,517 | 1,440,269 | -0.7% |
| 5-YR SWAP RATE | 5,496 | 2,386.53 | 130.3% | 3,652 | 50.5% | 4,574 | 2,219 | 106.2% |
| 7-YR SWAP RATE | 147 | 138.11 | 6.7% | 127.53 | 15.6% | 137 | 129 | 7.0% |
| EURODOLLARS | 3,044,965 | 3,712,143.53 | -18.0% | 2,216,374.47 | 37.4% | 2,630,670 | 2,857,450 | -7.9% |
| FED FUND | 108,583 | 560,121.05 | -80.6% | 94,259.21 | 15.2% | 101,421 | 417,113 | -75.7% |
| SOFR | 122,872 | 66,980.89 | 83.4% | 98,130.89 | 25.2% | 110,501 | 53,220 | 107.6% |
| SONIA | 7,828 | 10,203.89 | -23.3% | 7,750.26 | 1.0% | 7,789 | 10,124 | -23.1% |
| Ultra 10-Year Note | 593,558 | 427,359.32 | 38.9% | 301,365.79 | 97.0% | 447,462 | 309,163 | 44.7% |
| ULTRA T-BOND | 389,434 | 395,146.95 | -1.4% | 180,250.89 | 116.1% | 284,842 | 270,981 | 5.1% |

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|--------------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Interest Rate Options | | | | | | | | |
| 10-YR NOTE | 789,713 | 1,040,370.68 | -24.1% | 772,871.53 | 2.2% | 781,292 | 948,565 | -17.6% |
| 2-YR NOTE | 492 | 22,450.68 | -97.8% | 509.89 | -3.5% | 501 | 16,202 | -96.9% |
| 30-YR BOND | 183,138 | 205,123.37 | -10.7% | 153,099.32 | 19.6% | 168,119 | 191,306 | -12.1% |
| 5-YR NOTE | 230,860 | 215,607 | 7.1% | 88,384 | 161.2% | 159,622 | 188,029 | -15.1% |
| EURODOLLARS | 280,111 | 2,254,525.58 | -87.6% | 237,115.84 | 18.1% | 258,613 | 1,579,802 | -83.6% |
| EURO MIDCURVE | 1,014,448 | 555,218.68 | 82.7% | 640,382.11 | 58.4% | 827,415 | 474,395 | 74.4% |
| FED FUND | 0 | 342.21 | -100.0% | 0 | - | 0 | 214 | -100.0% |
| SOFR | 5 | 0.95 | 455.5% | 2.63 | 100.0% | 4 | 1 | 294.7% |
| Ultra 10-Year Note | 0 | 599.05 | -100.0% | 0 | - | 0 | 397 | -100.0% |
| ULTRA T-BOND | 18 | 377.58 | -95.1% | 15.58 | 18.6% | 17 | 274 | -93.8% |
| Energy Futures | | | | | | | | |
| 3.5% FUEL OIL CID MED SWA | 0 | 0.53 | -100.0% | 0 | - | 0 | 1 | -100.0% |
| AEP-DAYTON HUB DAILY | 0 | 0 | - | 0 | - | 0 | 0 | - |
| ARGUS LLS VS. WTI (ARG) T | 182 | 299.21 | -39.3% | 270 | -32.7% | 226 | 297 | -24.0% |
| ARGUS PROPAN FAR EST INDE | 328 | 268.21 | 22.2% | 359.74 | -8.9% | 344 | 275 | 25.2% |
| ARGUS PROPAN(SAUDI ARAMCO | 97 | 122.47 | -20.7% | 184.89 | -47.5% | 141 | 135 | 4.3% |
| AUSTRIALIAN COKE COAL | 0 | 0 | - | 0 | - | 0 | 0 | - |
| BRENT BALMO SWAP | 0 | 7.89 | -100.0% | 0 | - | 0 | 9 | -100.0% |
| BRENT CALENDAR SWAP | 425 | 357.16 | 18.9% | 51.89 | 718.6% | 238 | 424 | -43.8% |
| BRENT FINANCIAL FUTURES | 158 | 6.32 | 2400.0% | 3.58 | 4311.8% | 81 | 3 | 2292.2% |
| BRENT OIL LAST DAY | 111,031 | 151,490.95 | -26.7% | 102,919.05 | 7.9% | 106,975 | 147,310 | -27.4% |
| CHICAGO ETHANOL SWAP | 4,109 | 4,385.16 | -6.3% | 4,509.79 | -8.9% | 4,310 | 3,992 | 7.9% |
| CHICAGO ULSD PL VS HO SPR | 37 | 52.58 | -30.4% | 61.16 | -40.2% | 49 | 46 | 7.4% |
| CHICAGO UNL GAS PL VS RBO | 9 | 0 | - | 0 | - | 4 | 4 | 8.5% |
| CIG BASIS | 0 | 0 | - | 0 | - | 0 | 0 | - |
| CIN HUB 5MW D AH PK | 0 | 27.79 | -100.0% | 0 | - | 0 | 28 | -100.0% |
| CIN HUB 5MW REAL TIME O P | 0 | 0 | - | 0 | - | 0 | 0 | - |
| CIN HUB 5MW REAL TIME PK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| COLUMB GULF MAINLINE NG B | 0 | 0 | - | 0 | - | 0 | 0 | - |
| CONWAY NATURAL GASOLINE (OPI | 1 | 29.68 | -96.5% | 8.16 | -87.1% | 5 | 24 | -81.1% |
| CONWAY NORMAL BUTANE (OPIS) S | 1 | 16.84 | -92.2% | 11.05 | -88.1% | 6 | 13 | -53.6% |
| CONWAY PROPANE 5 DECIMALS S | 436 | 772.37 | -43.5% | 734.95 | -40.6% | 586 | 782 | -25.1% |
| CRUDE OIL | 42 | 15.79 | 166.7% | 126.32 | -66.7% | 84 | 49 | 71.7% |
| CRUDE OIL LAST DAY | 26 | 0 | - | 21 | 23.6% | 23 | 0 | - |
| CRUDE OIL OUTRIGHTS | 3,735 | 3,386.68 | 10.3% | 4,762.26 | -21.6% | 4,249 | 3,555 | 19.5% |
| CRUDE OIL PHY | 1,163,528 | 1,481,230.63 | -21.4% | 996,314.95 | 16.8% | 1,079,921 | 1,355,838 | -20.4% |
| CRUDE OIL SPRDS | 2,226 | 1,443 | 54.3% | 2,238.68 | -0.5% | 2,233 | 1,399 | 59.6% |
| CRUDE OIL TRADE AT MARKER SIN | 0 | 0 | - | 0 | - | 0 | 0 | - |
| DAILY PJM | 0 | 0 | - | 0 | - | 0 | 0 | - |
| DATED BRENT (PLATTS) DAILY SWA | 0 | 0 | - | 0 | - | 0 | 0 | - |
| DATED TO FRONTLINE BRENT | 12 | 0 | - | 0 | - | 6 | 0 | - |
| DIESEL 10P BRG FOB RDM VS | 2 | 0 | - | 0 | - | 1 | 0 | - |
| DOMINION TRANSMISSION INC | 0 | 0 | - | 0 | - | 0 | 0 | - |
| DUBAI CRUDE OIL BALMO | 0 | 0 | - | 0 | - | 0 | 0 | - |

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|-------------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Energy Futures | | | | | | | | |
| DUBAI CRUDE OIL CALENDAR | 0 | 0 | - | 0 | - | 0 | 0 | - |
| DUTCH TTF NATURAL GAS CAL MO | 2,754 | 1,009.47 | 172.8% | 1,237.16 | 122.6% | 1,996 | 1,417 | 40.8% |
| EAST/WEST FUEL OIL SPREAD | 0 | 0 | - | 0 | - | 0 | 0 | - |
| EIA FLAT TAX ONHWAY DIESE | 12 | 82.74 | -85.4% | 26.05 | -53.5% | 19 | 66 | -71.1% |
| ELEC FINSETTLED | 0 | 0 | - | 0 | - | 0 | 0 | - |
| ELECTRICITY OFF PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| ETHANOL | 1 | 120.58 | -99.5% | 2.05 | -71.8% | 1 | 124 | -98.9% |
| ETHANOL SWAP | 1 | 0 | - | 7.89 | -86.7% | 4 | 8 | -40.9% |
| ETHANOL T2 FOB ROTT INCL DUTY | 198 | 234.42 | -15.6% | 277.26 | -28.6% | 238 | 235 | 1.2% |
| EURO 3.5% FUEL OIL RDAM B | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| EURO 3.5% FUEL OIL SPREAD | 0 | 0.63 | -100.0% | 0 | - | 0 | 0 | -100.0% |
| EURO GASOIL 10PPM VS ICE | 42 | 0 | - | 0 | - | 21 | 2 | 1010.2% |
| EUROPE 1% FUEL OIL NWE CA | 1 | 0 | - | 0 | - | 0 | 0 | - |
| EUROPE 1% FUEL OIL RDAM C | 0 | 0 | - | 0 | - | 0 | 0 | - |
| EUROPE 3.5% FUEL OIL MED | 0 | 1.05 | -100.0% | 0 | - | 0 | 1 | -100.0% |
| EUROPE 3.5% FUEL OIL RDAM | 3 | 21.58 | -87.8% | 7.89 | -66.7% | 5 | 20 | -73.6% |
| EUROPEAN GASOIL (ICE) | 1 | 2.79 | -69.8% | 2.84 | -70.4% | 2 | 5 | -62.2% |
| EUROPEAN NAPHTHA BALMO | 0 | 0.53 | -100.0% | 0.42 | -100.0% | 0 | 0 | -15.8% |
| EUROPEAN NAPHTHA CRACK SPR | 52 | 104.79 | -50.2% | 32.79 | 59.2% | 43 | 91 | -53.5% |
| EUROPE DATED BRENT SWAP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| EUROPE JET KERO NWE CALSW | 0 | 0 | - | 0 | - | 0 | 0 | - |
| EUROPE NAPHTHA CALSWAP | 37 | 32 | 16.0% | 21.74 | 70.7% | 29 | 37 | -19.5% |
| EURO PROPANE CIF ARA SWA | 111 | 115.16 | -3.3% | 91.74 | 21.4% | 102 | 114 | -11.2% |
| FREIGHT MARKETS | 6 | 6.63 | -13.5% | 15.68 | -63.4% | 11 | 17 | -37.3% |
| FUEL OIL CRACK VS ICE | 53 | 31.95 | 64.9% | 1.68 | 3028.1% | 27 | 26 | 6.3% |
| FUEL OIL NWE CRACK VS ICE | 0 | 0 | - | 0 | - | 0 | 0 | - |
| FUEL OIL (PLATS) CAR CM | 0 | 0 | - | 0 | - | 0 | 0 | - |
| FUELOIL SWAP:CARGOES VS.B | 0 | 0.68 | -100.0% | 0 | - | 0 | 1 | -100.0% |
| GAS EURO-BOB OXY NWE BARGES | 39 | 93.32 | -57.8% | 22.74 | 73.4% | 31 | 110 | -71.8% |
| GAS EURO-BOB OXY NWE BARGES | 455 | 568 | -19.8% | 156.32 | 191.4% | 306 | 400 | -23.6% |
| GASOIL 0.1 RDAM BRGS VS I | 2 | 0 | - | 0 | - | 1 | 0 | - |
| GASOIL 0.1 ROTTERDAM BARG | 2 | 0.26 | 599.9% | 0.53 | 250.0% | 1 | 1 | 89.5% |
| GASOIL 10PPM VS ICE SWAP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| GASOIL CALENDAR SWAP | 9 | 1.58 | 466.7% | 1.68 | 431.3% | 5 | 1 | 406.3% |
| GASOIL CRACK SPREAD CALEN | 54 | 143.53 | -62.6% | 25.26 | 112.5% | 39 | 279 | -85.9% |
| GASOIL MINI CALENDAR SWAP | 24 | 41.26 | -41.7% | 5.37 | 348.0% | 15 | 32 | -54.3% |
| GERMAN POWER BASELOAD CAL M | 3 | 26.53 | -90.5% | 0 | - | 1 | 202 | -99.4% |
| GROUP THREE UNLEAD GAS (P | 0 | 0 | - | 0 | - | 0 | 0 | - |
| GRP THREE ULSD(PLT)VS HEA | 366 | 179.47 | 103.7% | 176.05 | 107.6% | 271 | 194 | 39.9% |
| GRP THREE UNL GS (PLT) VS | 188 | 184.37 | 1.8% | 162.89 | 15.2% | 175 | 170 | 3.3% |
| GULF COAST 3% FUEL OIL BA | 0 | 49.74 | -100.0% | 0 | - | 0 | 41 | -100.0% |
| GULF COAST JET FUEL CLNDR | 0 | 2.05 | -100.0% | 0 | - | 0 | 6 | -100.0% |
| GULF COAST JET VS NYM 2 H | 1,064 | 911 | 16.8% | 1,425.37 | -25.3% | 1,245 | 1,028 | 21.1% |
| GULF COAST NO.6 FUEL OIL | 124 | 1,089.95 | -88.6% | 229.47 | -45.9% | 177 | 920 | -80.8% |
| GULF COAST ULSD CALENDAR | 13 | 33.63 | -59.9% | 18.26 | -26.2% | 16 | 42 | -62.5% |
| GULF COAST ULSD CRACK SPR | 0 | 43.42 | -100.0% | 0 | - | 0 | 21 | -100.0% |
| HEATING OIL BALMO CLNDR S | 26 | 0.79 | 3239.9% | 0 | - | 13 | 2 | 603.2% |
| HEATING OIL CRCK SPRD BAL | 129 | 0 | - | 0 | - | 64 | 0 | - |

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| | ADV FEB 2021 | ADV FEB 2020 | % CHG | ADV JAN 2021 | % CHG | ADV Y.T.D 2021 | ADV Y.T.D 2020 | % CHG |
|--------------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Energy Futures | | | | | | | | |
| HEATING OIL PHY | 191,787 | 221,391.89 | -13.4% | 155,034 | 23.7% | 173,410 | 246,540 | -29.7% |
| HENRY HUB BASIS SWAP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| HENRY HUB FINANCIAL LAST | 0 | 0 | - | 0 | - | 0 | 0 | - |
| HENRY HUB INDEX SWAP FUTU | 0 | 0 | - | 0 | - | 0 | 43 | -100.0% |
| HENRY HUB SWAP | 1,476 | 4,587.74 | -67.8% | 965.47 | 52.8% | 1,221 | 4,331 | -71.8% |
| HOUSTON SHIP CHANNEL BASI | 0 | 0 | - | 0 | - | 0 | 0 | - |
| HTG OIL | 0 | 0 | - | 0 | - | 0 | 0 | - |
| ICE BRENT DUBAI SWAP | 36 | 246.32 | -85.4% | 21.05 | 71.0% | 29 | 235 | -87.9% |
| INDIANA MISO | 0 | 0 | - | 0 | - | 0 | 0 | - |
| INDONESIAN COAL ICI4 | 3 | 8.11 | -64.3% | 10 | -71.1% | 6 | 5 | 35.0% |
| JAPAN C&F NAPHTHA CRACK S | 0 | 0 | - | 0 | - | 0 | 0 | - |
| JAPAN C&F NAPHTHA SWAP | 5 | 12.68 | -60.2% | 0.16 | 3099.9% | 3 | 11 | -76.5% |
| JAPAN NAPHTHA BALMO SWAP | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| JET CIF NWE VS ICE | 11 | 0 | - | 0.95 | 1100.0% | 6 | 0 | - |
| JET FUEL UP-DOWN BALMO CL | 64 | 118.68 | -46.3% | 54.05 | 17.8% | 59 | 131 | -55.0% |
| JKM LNG Futures | 4 | 41.84 | -91.2% | 1.58 | 133.3% | 3 | 59 | -95.6% |
| LA CARB DIESEL (OPIS) SWA | 16 | 19.47 | -17.6% | 12.63 | 27.1% | 14 | 15 | -5.2% |
| LA CARBOB GASOLINE(OPIS)S | 0 | 5.26 | -100.0% | 0 | - | 0 | 8 | -100.0% |
| LA JET (OPIS) SWAP | 7 | 44.74 | -84.7% | 30.26 | -77.4% | 19 | 61 | -69.6% |
| LLS (ARGUS) CALENDAR SWAP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| LLS (ARGUS) VS WTI SWAP | 16 | 20.26 | -19.5% | 3.16 | 416.7% | 10 | 35 | -72.1% |
| LOS ANGELES CARB GASOLINE | 0 | 0 | - | 0 | - | 0 | 0 | - |
| LTD NAT GAS | 17,488 | 12,917.05 | 35.4% | 13,120.63 | 33.3% | 15,304 | 12,347 | 24.0% |
| MARS (ARGUS) VS WTI SWAP | 26 | 2.63 | 900.0% | 0 | - | 13 | 62 | -78.8% |
| MARS (ARGUS) VS WTI TRD M | 1,096 | 617.11 | 77.6% | 1,048 | 4.6% | 1,072 | 669 | 60.3% |
| MARS BLEND CRUDE OIL | 0 | 0 | - | 0 | - | 0 | 0 | - |
| MCCLOSKEY ARA ARGS COAL | 766 | 1,424.32 | -46.2% | 1,055.89 | -27.5% | 911 | 1,411 | -35.5% |
| MCCLOSKEY RCH BAY COAL | 76 | 69.26 | 9.0% | 20.84 | 262.4% | 48 | 82 | -41.1% |
| MGN1 SWAP FUT | 0 | 5.26 | -100.0% | 0 | - | 0 | 4 | -100.0% |
| MICHIGAN BASIS | 0 | 0 | - | 0 | - | 0 | 0 | - |
| MINI GAS EUROBOB OXY NWE ARG | 0 | 1.68 | -100.0% | 1.05 | -100.0% | 1 | 1 | -34.2% |
| MINI RBOB V. EBOBARG NWE BRGS | 0 | 16.84 | -98.1% | 2.63 | -88.0% | 1 | 8 | -81.6% |
| MINI RBOB V. EBOB(ARGUS) NWE B | 40 | 30.95 | 28.9% | 25.42 | 56.9% | 33 | 50 | -34.7% |
| MINY HTG OIL | 0 | 0.32 | -16.7% | 0.42 | -37.5% | 0 | 0 | 14.0% |
| MINY NATURAL GAS | 9,510 | 2,048.16 | 364.3% | 8,089.21 | 17.6% | 8,800 | 2,228 | 295.0% |
| MINY RBOB GAS | 0 | 0.32 | 0.0% | 0.37 | -14.3% | 0 | 0 | 14.0% |
| MINY WTI CRUDE OIL | 15,569 | 32,354.42 | -51.9% | 14,271.84 | 9.1% | 14,921 | 27,420 | -45.6% |
| MJC FUT | 0 | 0 | - | 0 | - | 0 | 0 | - |
| MNC FUT | 14 | 66.26 | -78.7% | 26.95 | -47.7% | 21 | 85 | -76.0% |
| MONT BELVIEU ETHANE 5 DECIMAL | 977 | 903.89 | 8.0% | 1,493.42 | -34.6% | 1,235 | 832 | 48.4% |
| MONT BELVIEU ETHANE OPIS BALM | 8 | 1.32 | 540.0% | 41.84 | -79.9% | 25 | 3 | 774.1% |
| MONT BELVIEU LDH PROPANE 5 DE | 7,850 | 9,125.68 | -14.0% | 11,439.11 | -31.4% | 9,645 | 9,030 | 6.8% |
| MONT BELVIEU LDH PROPANE OPIS | 141 | 134.79 | 4.3% | 231.47 | -39.3% | 186 | 173 | 7.4% |
| MONT BELVIEU NATURAL GASOLIN | 596 | 1,997.68 | -70.2% | 823.58 | -27.6% | 710 | 1,257 | -43.5% |
| MONT BELVIEU NATURAL GASOLIN | 17 | 63.26 | -73.7% | 26.05 | -36.2% | 21 | 34 | -36.4% |
| MONT BELVIEU NORMAL BUTANE 5 | 2,333 | 3,753.47 | -37.8% | 2,644.74 | -11.8% | 2,489 | 3,458 | -28.0% |
| MONT BELVIEU NORMAL BUTANE B | 44 | 42.21 | 4.0% | 84.21 | -47.9% | 64 | 58 | 10.4% |
| NATURAL GAS | 7,865 | 7,764.05 | 1.3% | 5,328.32 | 47.6% | 6,597 | 7,203 | -8.4% |

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|--------------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Energy Futures | | | | | | | | |
| NATURAL GAS PEN SWP | 4,358 | 1,925.63 | 126.3% | 2,886.32 | 51.0% | 3,622 | 1,773 | 104.3% |
| NATURAL GAS PHY | 575,167 | 632,918.53 | -9.1% | 417,412.95 | 37.8% | 496,290 | 585,752 | -15.3% |
| NEPOOL INTR HUB 5MW D AH | 0 | 776.84 | -100.0% | 0 | - | 0 | 369 | -100.0% |
| NEPOOL NE MASS 5MW D AH O | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NEPOOL NE MASS 5MW D AH P | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NEW ENGLAND HUB PEAK DAIL | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NEW YORK ETHANOL SWAP | 8 | 28.95 | -72.7% | 1.05 | 650.0% | 4 | 45 | -90.1% |
| NEW YORK HUB ZONE G PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NEW YORK HUB ZONE J PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NGPL MID-CONTINENT | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NGPL TEX/OK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| N ILLINOIS HUB DAILY | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NO 2 UP-DOWN SPREAD CALEN | 0 | 2.63 | -100.0% | 0 | - | 0 | 6 | -100.0% |
| NORTHWEST ROCKIES BASIS S | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NY1% VS GC SPREAD SWAP | 0 | 19.53 | -100.0% | 0 | - | 0 | 17 | -100.0% |
| NY HARBOR 1% FUEL OIL BAL | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NY HARBOR HEAT OIL SWP | 42 | 208.63 | -80.1% | 65.79 | -36.8% | 54 | 218 | -75.3% |
| NY HARBOR LOW SULPUR GAS 100C | 21 | 0 | - | 28.95 | -29.1% | 25 | 0 | - |
| NY HARBOR RESIDUAL FUEL 1 | 12 | 57.42 | -79.5% | 11.84 | -0.4% | 12 | 71 | -83.4% |
| NYH NO 2 CRACK SPREAD CAL | 92 | 86.89 | 5.7% | 103.26 | -11.1% | 98 | 62 | 57.6% |
| NYISO CAPACITY | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NYISO ZONE A 5MW D AH O P | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NYISO ZONE G 5MW D AH O P | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NYISO ZONE G 5MW D AH PK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NYISO ZONE J 5MW D AH O P | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NYISO ZONE J 5MW D AH PK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NYMEX ALUMINUM FUTURES | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NYMEX ULSD VS NYMEX HO | 0 | 15.79 | -100.0% | 0 | - | 0 | 8 | -100.0% |
| NY ULSD (ARGUS) VS HEATING OIL | 0 | 0 | - | 2.63 | -100.0% | 1 | 12 | -89.2% |
| PANHANDLE BASIS SWAP FUTU | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PERMIAN BASIS SWAP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PETROCHEMICALS | 181 | 136.05 | 32.8% | 172.47 | 4.8% | 177 | 153 | 15.1% |
| PETRO CRCKS & SPRDS ASIA | 0 | 7.89 | -100.0% | 0 | - | 0 | 4 | -100.0% |
| PETRO CRCKS & SPRDS NA | 1,785 | 1,842.63 | -3.1% | 1,174.11 | 52.0% | 1,479 | 1,811 | -18.3% |
| PETRO CRK&SPRD EURO | 27 | 74.74 | -64.2% | 28.47 | -5.9% | 28 | 101 | -72.6% |
| PETROLEUM PRODUCTS | 17 | 121 | -85.8% | 3.84 | 346.6% | 10 | 130 | -91.9% |
| PETROLEUM PRODUCTS ASIA | 2 | 27.63 | -92.4% | 2.63 | -20.0% | 2 | 29 | -91.9% |
| PETRO OUTRIGHT EURO | 391 | 285.63 | 36.9% | 349.11 | 12.0% | 370 | 251 | 47.2% |
| PETRO OUTRIGHT NA | 245 | 117.84 | 107.6% | 67.05 | 264.8% | 156 | 156 | 0.0% |
| PJM AD HUB 5MW REAL TIME | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PJM DAILY | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PJM DAYTON DA OFF-PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PJM DAYTON DA PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PJM MONTHLY | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PJM NI HUB 5MW REAL TIME | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PJM PECO ZONE5MW PEAK CAL MO | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PJM PSEG DA OFF-PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PJM PSEG DA PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |

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|--------------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Energy Futures | | | | | | | | |
| PJM WESTH DA OFF-PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PJM WESTHDA PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PJM WESTH RT OFF-PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PJM WESTH RT PEAK | 0 | 161.05 | -100.0% | 0 | - | 0 | 223 | -100.0% |
| PLASTICS | 125 | 39.79 | 214.6% | 158.74 | -21.2% | 142 | 37 | 281.6% |
| PREMIUM UNLD 10P FOB MED | 0 | 0.63 | -100.0% | 0 | - | 0 | 2 | -100.0% |
| PROPANE NON-LDH MB (OPIS) BAL | 99 | 91.74 | 8.0% | 83.47 | 18.7% | 91 | 126 | -27.7% |
| PROPANE NON-LDH MT. BEL (OPIS) | 963 | 1,343.84 | -28.3% | 1,708.11 | -43.6% | 1,336 | 1,309 | 2.0% |
| RBOB CALENDAR SWAP | 194 | 231.21 | -16.1% | 124.16 | 56.3% | 159 | 261 | -38.9% |
| RBOB CRACK SPREAD | 83 | 129.74 | -36.1% | 131.68 | -37.1% | 107 | 85 | 26.2% |
| RBOB GAS | 0 | 0 | - | 0 | - | 0 | 0 | - |
| RBOB GASOLINE BALMO CLNDR | 19 | 30 | -38.1% | 15.37 | 20.9% | 17 | 14 | 19.1% |
| RBOB PHY | 219,227 | 255,867.63 | -14.3% | 198,532.05 | 10.4% | 208,880 | 235,454 | -11.3% |
| RBOB VS HEATING OIL SWAP | 0 | 15.79 | -100.0% | 0 | - | 0 | 8 | -100.0% |
| SAN JUAN BASIS SWAP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| SINGAPORE 180CST BALMO | 0 | 0.21 | -100.0% | 0 | - | 0 | 1 | -100.0% |
| SINGAPORE 380CST BALMO | 0 | 1.63 | -100.0% | 0 | - | 0 | 1 | -100.0% |
| SINGAPORE 380CST FUEL OIL | 4 | 10.84 | -62.6% | 5.84 | -30.6% | 5 | 20 | -75.7% |
| SINGAPORE FUEL 180CST CAL | 0 | 1.21 | -100.0% | 0 | - | 0 | 3 | -100.0% |
| SINGAPORE FUEL OIL SPREAD | 0 | 1.58 | -100.0% | 0 | - | 0 | 2 | -100.0% |
| SINGAPORE GASOIL | 34 | 43.32 | -22.6% | 18.16 | 84.6% | 26 | 48 | -46.2% |
| SINGAPORE GASOIL CALENDAR | 60 | 67.21 | -10.3% | 60.37 | -0.1% | 60 | 59 | 1.5% |
| SINGAPORE GASOIL SWAP | 151 | 97.68 | 54.7% | 107.63 | 40.4% | 129 | 77 | 68.2% |
| SINGAPORE GASOIL VS ICE | 56 | 0 | - | 31.58 | 78.3% | 44 | 0 | - |
| SINGAPORE JET KERO BALMO | 0 | 13.32 | -100.0% | 0 | - | 0 | 6 | -100.0% |
| SINGAPORE JET KERO GASOIL | 0 | 0 | - | 0 | - | 0 | 0 | - |
| SINGAPORE JET KEROSENE SW | 0 | 114.63 | -100.0% | 0 | - | 0 | 70 | -100.0% |
| SINGAPORE MOGAS 92 UNLEADED | 0 | 1.32 | -100.0% | 0 | - | 0 | 1 | -100.0% |
| SINGAPORE MOGAS 92 UNLEADED | 8 | 235.53 | -96.5% | 15.79 | -48.3% | 12 | 248 | -95.2% |
| Sumas Basis Swap | 0 | 0 | - | 0 | - | 0 | 0 | - |
| TC2 ROTTERDAM TO USAC 37K | 1 | 0 | - | 0 | - | 0 | 0 | - |
| TC5 RAS TANURA TO YOKOHAM | 5 | 3.16 | 50.0% | 0 | - | 2 | 3 | -17.6% |
| TCO BASIS SWAP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| TD3 MEG TO JAPAN 250K MT | 138 | 126.68 | 9.1% | 73.95 | 86.8% | 106 | 160 | -33.8% |
| TEXAS EASTERN ZONE M-3 BA | 0 | 0 | - | 0 | - | 0 | 0 | - |
| TRANSCO ZONE4 BASIS SWAP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| UK NBP NAT GAS CAL MTH FUT | 0 | 19.47 | -100.0% | 130.79 | -100.0% | 65 | 27 | 144.5% |
| ULSD UP-DOWN BALMO SWP | 411 | 433.42 | -5.2% | 150.53 | 172.9% | 281 | 491 | -42.8% |
| UP DOWN GC ULSD VS NMX HO | 1,682 | 2,219.05 | -24.2% | 1,609.74 | 4.5% | 1,646 | 2,304 | -28.6% |
| WAHA BASIS | 0 | 0 | - | 0 | - | 0 | 0 | - |
| WTI-BRENT BULLET SWAP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| WTI-BRENT CALENDAR SWAP | 1,850 | 3,181 | -41.8% | 1,199.68 | 54.2% | 1,525 | 2,613 | -41.6% |
| WTI CALENDAR | 3,262 | 2,061.32 | 58.2% | 2,028.74 | 60.8% | 2,645 | 2,133 | 24.0% |
| WTI MIDLAND CRUDE OIL | 92 | 15.79 | 485.0% | 0 | - | 46 | 8 | 515.8% |
| WTS (ARGUS) VS WTI SWAP | 570 | 66.32 | 759.1% | 14.53 | 3822.1% | 292 | 444 | -34.2% |
| WTS (ARGUS) VS WTI TRD MT | 0 | 170.53 | -100.0% | 52.11 | -100.0% | 26 | 86 | -69.5% |

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|-------------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Energy Options | | | | | | | | |
| BRENT CALENDAR SWAP | 27 | 0 | - | 10 | 170.5% | 19 | 0 | - |
| BRENT CRUDE OIL 1 M CSO | 1,263 | 957.89 | 31.9% | 1,894.74 | -33.3% | 1,579 | 455 | 247.0% |
| BRENT OIL LAST DAY | 2,735 | 4,158.26 | -34.2% | 3,462.16 | -21.0% | 3,099 | 4,795 | -35.4% |
| COAL API2 INDEX | 11 | 0 | - | 16.84 | -34.4% | 14 | 0 | - |
| CRUDE OIL | 0 | 0 | - | 0 | - | 0 | 0 | - |
| CRUDE OIL 1MO | 5,796 | 11,826.32 | -51.0% | 11,102.63 | -47.8% | 8,449 | 11,998 | -29.6% |
| CRUDE OIL APO | 2,330 | 2,159.05 | 7.9% | 1,174.16 | 98.5% | 1,752 | 2,428 | -27.8% |
| CRUDE OIL CALNDR STRIP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| CRUDE OIL PHY | 136,104 | 169,497.05 | -19.7% | 103,526.63 | 31.5% | 119,815 | 169,674 | -29.4% |
| ELEC FINSETTLED | 0 | 0 | - | 0 | - | 0 | 0 | - |
| ETHANOL SWAP | 70 | 80.26 | -12.5% | 131.89 | -46.7% | 101 | 170 | -40.4% |
| HEATING OIL CRK SPD AVG PRICE | 0 | 0 | - | 17.37 | -100.0% | 9 | 0 | - |
| HEATING OIL PHY | 357 | 1,296.68 | -72.5% | 265.63 | 34.2% | 311 | 1,325 | -76.5% |
| HENRY HUB FINANCIAL LAST | 396 | 123.79 | 219.8% | 1,406.42 | -71.9% | 901 | 357 | 152.7% |
| HO 1 MONTH CLNDR OPTIONS | 0 | 2.63 | -100.0% | 0 | - | 0 | 3 | -100.0% |
| LLS CRUDE OIL | 0 | 0 | - | 0 | - | 0 | 0 | - |
| MCCLOSKEY ARA ARGS COAL | 16 | 75 | -78.9% | 0 | - | 8 | 36 | -77.8% |
| MCCLOSKEY RCH BAY COAL | 0 | 7.89 | -100.0% | 0 | - | 0 | 4 | -100.0% |
| NATURAL GAS 1 M CSO FIN | 4,472 | 4,398.74 | 1.7% | 2,235.74 | 100.0% | 3,354 | 6,954 | -51.8% |
| NATURAL GAS 2 M CSO FIN | 0 | 92.11 | -100.0% | 0 | - | 0 | 81 | -100.0% |
| NATURAL GAS 3 M CSO FIN | 941 | 2,059.21 | -54.3% | 421.05 | 123.4% | 681 | 1,752 | -61.1% |
| NATURAL GAS 5 M CSO FIN | 0 | 10.53 | -100.0% | 0 | - | 0 | 86 | -100.0% |
| NATURAL GAS 6 M CSO FIN | 2,134 | 1,384.21 | 54.2% | 1,036.84 | 105.8% | 1,586 | 2,178 | -27.2% |
| NATURAL GAS OPT | 1,024 | 0 | - | 865.26 | 18.4% | 945 | 0 | - |
| NATURAL GAS OPTION ON CALEND | 11 | 333.68 | -96.8% | 131.58 | -92.0% | 71 | 191 | -62.8% |
| NATURAL GAS PHY | 156,617 | 123,250.95 | 27.1% | 108,793.05 | 44.0% | 132,705 | 120,807 | 9.8% |
| NATURAL GAS SUMMER STRIP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NATURAL GAS WINTER STRIP | 0 | 0 | - | 0 | - | 0 | 15 | -100.0% |
| N ROCKIES PIPE SWAP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NY HARBOR HEAT OIL SWP | 19 | 90.05 | -79.1% | 39.79 | -52.6% | 29 | 230 | -87.3% |
| PETROCHEMICALS | 16 | 0.79 | 1899.9% | 43.53 | -63.7% | 30 | 2 | 1148.8% |
| PETRO OUTRIGHT EURO | 0 | 0.32 | -100.0% | 0 | - | 0 | 0 | -100.0% |
| PETRO OUTRIGHT NA | 13 | 13.95 | -9.4% | 17.37 | -27.3% | 15 | 12 | 23.7% |
| PJM WES HUB PEAK CAL MTH | 0 | 4.21 | -100.0% | 0 | - | 0 | 9 | -100.0% |
| PJM WES HUB PEAK LMP 50MW | 0 | 0 | - | 0 | - | 0 | 0 | - |
| RBOB CALENDAR SWAP | 17 | 7.89 | 120.0% | 15.79 | 10.0% | 17 | 4 | 342.1% |
| RBOB PHY | 296 | 467.58 | -36.7% | 294.32 | 0.6% | 295 | 473 | -37.6% |
| SAN JUAN PIPE SWAP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| SHORT TERM | 18 | 28.95 | -36.4% | 5.26 | 250.0% | 12 | 24 | -50.1% |
| SHORT TERM NATURAL GAS | 43 | 96.05 | -54.8% | 0 | - | 22 | 88 | -75.2% |
| WTI-BRENT BULLET SWAP | 2,118 | 8,518.42 | -75.1% | 2,190.79 | -3.3% | 2,155 | 4,986 | -56.8% |
| WTI CRUDE OIL 1 M CSO FI | 4,729 | 6,036.05 | -21.7% | 2,960.53 | 59.7% | 3,845 | 5,122 | -24.9% |

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| | ADV FEB 2021 | ADV FEB 2020 | % CHG | ADV JAN 2021 | % CHG | ADV Y.T.D 2021 | ADV Y.T.D 2020 | % CHG |
|----------------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Metals Futures | | | | | | | | |
| ALUMINUM | 749 | 1,297.26 | -42.3% | 535.89 | 39.8% | 642 | 1,237 | -48.1% |
| COBALT METAL FUTURES | 3 | 0 | - | 8.53 | -69.1% | 6 | 0 | - |
| COMEX COPPER | 154,905 | 148,623.16 | 4.2% | 97,200.05 | 59.4% | 126,053 | 122,396 | 3.0% |
| COMEX E-Mini GOLD | 1,406 | 1,632.42 | -13.9% | 1,345.11 | 4.5% | 1,376 | 1,571 | -12.5% |
| COMEX E-Mini SILVER | 863 | 171.37 | 403.5% | 393.21 | 119.4% | 628 | 168 | 274.4% |
| COMEX GOLD | 240,493 | 417,704.84 | -42.4% | 324,464.58 | -25.9% | 282,479 | 444,089 | -36.4% |
| COMEX MINY COPPER | 186 | 35.63 | 420.8% | 134.58 | 37.9% | 160 | 32 | 408.2% |
| COMEX SILVER | 136,628 | 132,384.58 | 3.2% | 106,757.74 | 28.0% | 121,693 | 113,200 | 7.5% |
| COPPER | 126 | 123.53 | 2.1% | 165.84 | -23.9% | 146 | 112 | 30.1% |
| FERROUS PRODUCTS | 61 | 50.05 | 22.1% | 160.26 | -61.9% | 111 | 55 | 102.3% |
| GOLD | 228 | 996.95 | -77.1% | 244.05 | -6.6% | 236 | 690 | -65.8% |
| HOT ROLLED COIL STEEL FUTURES | 31 | 0 | - | 68.74 | -54.7% | 50 | 0 | - |
| IRON ORE 62 CHINA TSI FUTURES | 0 | 160.47 | -100.0% | 0 | - | 0 | 120 | -100.0% |
| IRON ORE CHINA | 51 | 0 | - | 69.79 | -26.4% | 61 | 0 | - |
| METALS | 0 | 0 | - | 2.26 | -100.0% | 1 | 0 | - |
| MICRO GOLD | 76,843 | 45,498.63 | 68.9% | 86,799.89 | -11.5% | 81,821 | 43,171 | 89.5% |
| NYMEX HOT ROLLED STEEL | 1,140 | 630.47 | 80.9% | 1,276.32 | -10.7% | 1,208 | 683 | 76.8% |
| NYMEX PLATINUM | 19,746 | 24,922.68 | -20.8% | 15,129.95 | 30.5% | 17,438 | 23,546 | -25.9% |
| PALLADIUM | 3,630 | 6,713.68 | -45.9% | 2,027.37 | 79.0% | 2,829 | 6,911 | -59.1% |
| SILVER | 18,895 | 2,142.84 | 781.8% | 12,142.32 | 55.6% | 15,518 | 1,919 | 708.5% |
| URANIUM | 0 | 63.16 | -100.0% | 0 | - | 0 | 30 | -100.0% |
| Metals Options | | | | | | | | |
| ALUMINUM | 0 | 0 | - | 0 | - | 0 | 4 | -100.0% |
| COMEX COPPER | 3,105 | 5,104.32 | -39.2% | 1,753.11 | 77.1% | 2,429 | 4,425 | -45.1% |
| COMEX GOLD | 45,491 | 93,554.42 | -51.4% | 47,824.37 | -4.9% | 46,658 | 84,713 | -44.9% |
| COMEX SILVER | 13,457 | 13,231.47 | 1.7% | 11,362.74 | 18.4% | 12,410 | 11,315 | 9.7% |
| COPPER | 1 | 80.63 | -98.2% | 0.26 | 459.9% | 1 | 80 | -98.9% |
| GOLD | 9,384 | 12,314.53 | -23.8% | 8,598.58 | 9.1% | 8,991 | 10,550 | -14.8% |
| HOT ROLLED COIL STEEL CALL OPT | 0 | 3.95 | -100.0% | 0 | - | 0 | 2 | -100.0% |
| HOT ROLLED COIL STEEL PUT OPTI | 0 | 0 | - | 0 | - | 0 | 0 | - |
| IRON ORE 62 CHINA TSI CALL OPTIC | 0 | 17.37 | -100.0% | 0 | - | 0 | 8 | -100.0% |
| IRON ORE 62 CHINA TSI PUT OPTIO | 0 | 154.74 | -100.0% | 0 | - | 0 | 99 | -100.0% |
| IRON ORE CHINA | 0 | 0 | - | 6.32 | -100.0% | 3 | 0 | - |
| NYMEX HOT ROLLED STEEL | 0 | 0 | - | 23.68 | -100.0% | 12 | 0 | - |
| NYMEX PLATINUM | 73 | 229.63 | -68.3% | 64.47 | 13.1% | 69 | 349 | -80.3% |
| PALLADIUM | 11 | 47.74 | -77.9% | 23.05 | -54.3% | 17 | 91 | -81.6% |
| SILVER | 541 | 968.89 | -44.1% | 442.63 | 22.3% | 492 | 819 | -39.9% |
| Foreign Exchange Options | | | | | | | | |
| AUD/USD WKLY WED OPTIONS - WK | 53 | 109.74 | -51.7% | 54.84 | -3.4% | 54 | 65 | -16.9% |

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|--------------------|-----------------|-----------------|-------|-----------------|--------|-------------------|-------------------|-------|
| Ags Futures | | | | | | | | |
| FERTILIZER PRODUCS | 144 | 103.68 | 38.8% | 308.89 | -53.4% | 226 | 123 | 83.5% |

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|-------------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Ag Products Futures | | | | | | | | |
| BUTTER CS | 179 | 424.89 | -58.0% | 351.95 | -49.2% | 265 | 418 | -36.5% |
| CASH-SETTLED CHEESE | 541 | 639.84 | -15.5% | 779.32 | -30.6% | 660 | 565 | 16.9% |
| CAT ASIA WEATHER | 53 | 0 | - | 10.53 | 400.0% | 32 | 0 | - |
| CATTLE | 54,758 | 76,453.58 | -28.4% | 74,710.37 | -26.7% | 64,734 | 76,507 | -15.4% |
| CDD SEASONAL STRIP | 0 | 31.58 | -100.0% | 0 | - | 0 | 15 | -100.0% |
| CDD WEATHER | 0 | 52.63 | -100.0% | 0 | - | 0 | 25 | -100.0% |
| CHI WHEAT | 152,994 | 179,155.32 | -14.6% | 128,455.79 | 19.1% | 140,725 | 148,199 | -5.0% |
| CLASS IV MILK | 19 | 286.37 | -93.3% | 36.42 | -47.0% | 28 | 230 | -87.9% |
| COFFEE | 0 | 0 | - | 0.11 | -100.0% | 0 | 0 | - |
| CORN | 450,950 | 438,940.68 | 2.7% | 459,700.79 | -1.9% | 455,326 | 365,267 | 24.7% |
| COTTON | 0 | 0.11 | -100.0% | 0 | - | 0 | 0 | -100.0% |
| DJ_UBS ROLL SELECT INDEX FUTU | 17 | 0 | - | 5.74 | 200.0% | 11 | 0 | - |
| DOW-UBS COMMOD INDEX | 1,992 | 1,589.11 | 25.4% | 1,457.05 | 36.7% | 1,725 | 1,099 | 57.0% |
| DRY WHEY | 116 | 114.63 | 1.5% | 102.63 | 13.3% | 109 | 88 | 25.0% |
| FEEDER CATTLE | 10,263 | 18,189.89 | -43.6% | 12,270.58 | -16.4% | 11,267 | 16,314 | -30.9% |
| FERTILIZER PRODUCS | 0 | 6.32 | -100.0% | 0 | - | 0 | 8 | -100.0% |
| GOLDMAN SACHS | 640 | 984.21 | -35.0% | 782.63 | -18.3% | 711 | 937 | -24.1% |
| GSCI EXCESS RETURN FUT | 339 | 318.53 | 6.5% | 266.74 | 27.2% | 303 | 202 | 49.8% |
| HDD EURO SEASONAL STRIP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| HDD WEATHER | 292 | 176.32 | 65.7% | 181.58 | 60.9% | 237 | 164 | 44.1% |
| HDD WEATHER EUROPEAN | 0 | 0 | - | 5.26 | -100.0% | 3 | 25 | -89.5% |
| HOGS | 43,547 | 51,441.79 | -15.3% | 48,244.11 | -9.7% | 45,896 | 58,214 | -21.2% |
| HOUSING INDEX | 0 | 2 | -78.9% | 0.79 | -46.7% | 1 | 1 | -55.2% |
| Intercommodity Spread | 0 | 0 | - | 0 | - | 0 | 0 | - |
| KC WHEAT | 69,820 | 70,749.53 | -1.3% | 43,618.42 | 60.1% | 56,719 | 60,965 | -7.0% |
| LUMBER | 518 | 1,053.74 | -50.9% | 449.89 | 15.1% | 484 | 788 | -38.6% |
| MALAYSIAN PALM SWAP | 324 | 107.37 | 201.8% | 569.47 | -43.1% | 447 | 147 | 204.4% |
| MILK | 1,070 | 1,569.26 | -31.8% | 1,637.42 | -34.7% | 1,354 | 1,480 | -8.6% |
| MINI CORN | 3,078 | 559.11 | 450.6% | 3,788.95 | -18.8% | 3,434 | 539 | 537.3% |
| MINI SOYBEAN | 3,264 | 1,093.95 | 198.4% | 4,950.11 | -34.1% | 4,107 | 1,026 | 300.5% |
| MINI WHEAT | 968 | 333.68 | 190.2% | 1,167.74 | -17.1% | 1,068 | 317 | 236.6% |
| MLK MID OPTIONS | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NFD MILK | 406 | 869.53 | -53.3% | 353.26 | 14.9% | 380 | 628 | -39.6% |
| OATS | 605 | 934.16 | -35.3% | 398.32 | 51.8% | 501 | 696 | -27.9% |
| PACIFIC RIM DAT SS WTHR | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PORK CUTOUT | 236 | 0 | - | 179.11 | 31.9% | 208 | 0 | - |
| ROUGH RICE | 1,343 | 1,969.16 | -31.8% | 564.58 | 137.8% | 954 | 1,403 | -32.0% |
| SOYBEAN | 269,352 | 290,155.53 | -7.2% | 284,236 | -5.2% | 276,794 | 230,821 | 19.9% |
| SOYBEAN MEAL | 111,133 | 174,939.63 | -36.5% | 101,470.53 | 9.5% | 106,302 | 139,143 | -23.6% |
| SOYBEAN OIL | 136,125 | 175,473.79 | -22.4% | 138,717.68 | -1.9% | 137,421 | 152,828 | -10.1% |
| S&P GSCI ENHANCED ER SWAP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| SUGAR 11 | 0 | 0 | - | 0 | - | 0 | 0 | - |
| USD CRUDE PALM OIL | 194 | 213.05 | -9.0% | 101.16 | 91.7% | 148 | 204 | -27.6% |
| WHEAT | 1,042 | 1,002 | 4.0% | 1,235.89 | -15.7% | 1,139 | 1,000 | 13.9% |

Ag Products Options

| | | | | | | | | |
|--------------------------|---|---|---|---|---|---|---|---|
| AUG-NOV SOYBEAN CAL SPRD | 0 | 0 | - | 0 | - | 0 | 0 | - |
|--------------------------|---|---|---|---|---|---|---|---|

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|----------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|----------|
| Ag Products Options | | | | | | | | |
| BUTTER CS | 84 | 223.47 | -62.5% | 133.42 | -37.2% | 109 | 194 | -43.9% |
| CASH-SETTLED CHEESE | 369 | 628.26 | -41.3% | 621.84 | -40.7% | 495 | 537 | -7.8% |
| CATTLE | 8,831 | 15,097.42 | -41.5% | 11,496.84 | -23.2% | 10,164 | 12,705 | -20.0% |
| CDD SEASONAL STRIP | 0 | 52.63 | -100.0% | 0 | - | 0 | 50 | -100.0% |
| CHI WHEAT | 20,656 | 33,393.63 | -38.1% | 30,645.84 | -32.6% | 25,651 | 31,114 | -17.6% |
| CLASS IV MILK | 96 | 415.53 | -76.8% | 171.21 | -43.7% | 134 | 308 | -56.5% |
| CORN | 117,963 | 62,102.74 | 89.9% | 201,880.89 | -41.6% | 159,922 | 71,430 | 123.9% |
| CORN NEARBY+2 CAL SPRD | 598 | 321.05 | 86.2% | 350.58 | 70.5% | 474 | 268 | 77.3% |
| DEC-DEC CORN CAL SPRD | 0 | 0 | - | 0 | - | 0 | 0 | - |
| DEC-JULY CORN CAL SPRD | 0 | 9.21 | -100.0% | 0 | - | 0 | 4 | -100.0% |
| DEC-JULY WHEAT CAL SPRD | 0 | 0 | - | 0 | - | 0 | 0 | - |
| DRY WHEY | 18 | 29.84 | -40.2% | 1.89 | 841.7% | 10 | 17 | -40.8% |
| FEEDER CATTLE | 633 | 1,805.47 | -65.0% | 1,132 | -44.1% | 882 | 1,582 | -44.2% |
| HDD EURO SEASONAL STRIP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| HDD SEASONAL STRIP | 132 | 0 | - | 131.58 | 0.0% | 132 | 0 | - |
| HDD WEATHER | 171 | 0 | - | 131.58 | 30.0% | 151 | 0 | - |
| HDD WEATHER EUROPEAN | 26 | 0 | - | 39.47 | -33.3% | 33 | 0 | - |
| HOGS | 11,228 | 15,370.37 | -26.9% | 7,890.11 | 42.3% | 9,559 | 17,036 | -43.9% |
| HOUSING INDEX | 0 | 0 | - | 0 | - | 0 | 0 | - |
| Intercommodity Spread | 0 | 7.26 | -100.0% | 13.95 | -100.0% | 7 | 147 | -95.3% |
| JAN-MAR SOYBEAN CSO | 0 | 0 | - | 0 | - | 0 | 0 | - |
| JULY-DEC CORN CAL SPRD | 332 | 148.95 | 122.6% | 333.42 | -0.6% | 333 | 268 | 24.2% |
| JULY-DEC SOY OIL CAL SPRD | 0 | 0 | - | 0 | - | 0 | 0 | - |
| JULY-DEC WHEAT CAL SPRD | 3 | 31.32 | -91.6% | 0 | - | 1 | 35 | -96.2% |
| JULY-JULY WHEAT CAL SPRD | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| JULY-NOV SOYBEAN CAL SPRD | 0 | 84.63 | -100.0% | 5.26 | -100.0% | 3 | 73 | -96.4% |
| KC WHEAT | 2,539 | 4,251.32 | -40.3% | 3,020.21 | -15.9% | 2,780 | 4,761 | -41.6% |
| LUMBER | 43 | 88.63 | -51.9% | 27.42 | 55.5% | 35 | 67 | -47.9% |
| LV CATL CSO | 0 | 0 | - | 0 | - | 0 | 0 | - |
| MAR-DEC CORN CAL SPRD | 0 | 0.26 | -100.0% | 0 | - | 0 | 13 | -100.0% |
| MAR-JULY CORN CAL SPRD | 0 | 21.05 | -100.0% | 0 | - | 0 | 63 | -100.0% |
| MAR-JULY SOYBEAN CAL SPRD | 0 | 0 | - | 0 | - | 0 | 0 | - |
| MAR-JULY WHEAT CAL SPRD | 0 | 0 | - | 0 | - | 0 | 0 | - |
| MILK | 1,479 | 2,110.26 | -29.9% | 1,801.47 | -17.9% | 1,640 | 1,959 | -16.3% |
| MLK MID OPTIONS | 0 | 0.68 | -100.0% | 0 | - | 0 | 0 | -100.0% |
| NFD MILK | 291 | 925.68 | -68.6% | 244.21 | 19.0% | 267 | 631 | -57.6% |
| NOV-JULY SOYBEAN CAL SPRD | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NOV-MAR SOYBEAN CSO | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NOV-NOV SOYBEAN CAL SPRD | 0 | 0 | - | 0 | - | 0 | 0 | - |
| OATS | 2 | 22.37 | -89.2% | 8.37 | -71.1% | 5 | 32 | -83.2% |
| PORK CUTOUT | 18 | 0 | - | 8.05 | 119.6% | 13 | 0 | - |
| ROUGH RICE | 57 | 163.47 | -65.4% | 27.11 | 108.7% | 42 | 173 | -75.8% |
| SOYBEAN | 76,970 | 42,956.74 | 79.2% | 134,533.47 | -42.8% | 105,752 | 49,018 | 115.7% |
| SOYBEAN CRUSH | 7 | 10.53 | -35.0% | 9.47 | -27.8% | 8 | 20 | -59.7% |
| SOYBEAN MEAL | 10,943 | 9,188.37 | 19.1% | 15,070.89 | -27.4% | 13,007 | 8,905 | 46.1% |
| SOYBEAN OIL | 13,340 | 11,220.16 | 18.9% | 16,220.63 | -17.8% | 14,780 | 12,126 | 21.9% |
| SOYBN NEARBY+2 CAL SPRD | 14 | 1.32 | 980.0% | 170.53 | -91.7% | 92 | 1 | 10456.4% |
| SOYMEAL NEARBY+2 CAL SPRD | 0 | 0 | - | 0 | - | 0 | 0 | - |

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|----------------------------|-------------------|----------------------|---------------|----------------------|--------------|----------------------|----------------------|---------------|
| Ag Products Options | | | | | | | | |
| WHEAT | 60 | 58.84 | 2.7% | 52.68 | 14.7% | 57 | 77 | -26.5% |
| WHEAT-CORN IC50 | 5 | 1.05 | 400.0% | 3.32 | 58.7% | 4 | 2 | 186.0% |
| WHEAT NEARBY+2 CAL SPRD | 9 | 35.58 | -75.1% | 59.79 | -85.2% | 34 | 32 | 7.6% |
| TOTAL FUTURES GROUP | | | | | | | | |
| Interest Rate Futures | 10,747,699 | 12,758,192.21 | -15.8% | 6,278,811.68 | 71.2% | 8,513,255 | 9,377,123 | -9.2% |
| Equity Index Futures | 4,848,956 | 5,164,372.84 | -6.1% | 4,907,445.05 | -1.2% | 4,878,201 | 4,301,650 | 13.4% |
| Metals Futures | 655,984 | 783,151.74 | -16.2% | 648,926.47 | 1.1% | 652,455 | 759,930 | -14.1% |
| Energy Futures | 2,361,374 | 2,854,336 | -17.3% | 1,960,999.42 | 20.4% | 2,161,186 | 2,674,976 | -19.2% |
| FX Futures | 770,548 | 958,275.37 | -19.6% | 746,505.63 | 3.2% | 758,527 | 835,115 | -9.2% |
| Ags Futures | 144 | 103.68 | 38.8% | 308.89 | -53.4% | 226 | 123 | 83.5% |
| Ag Products Futures | 1,316,179 | 1,489,831.26 | -11.7% | 1,310,800.89 | 0.4% | 1,313,490 | 1,260,263 | 4.2% |
| TOTAL FUTURES | 20,700,884 | 24,008,263.11 | -13.8% | 15,853,798.05 | 30.6% | 18,277,340.97 | 19,209,181.15 | -4.9% |
| TOTAL OPTIONS GROUP | | | | | | | | |
| Interest Rate Options | 2,498,786 | 4,294,615.79 | -41.8% | 1,892,380.9 | 32.0% | 2,195,583 | 3,399,184 | -35.4% |
| Equity Index Options | 668,958 | 1,079,432.79 | -38.0% | 677,299.16 | -1.2% | 673,128 | 900,199 | -25.2% |
| Metals Options | 72,063 | 125,707.68 | -42.7% | 70,099.21 | 2.8% | 71,081 | 112,455 | -36.8% |
| Energy Options | 321,573 | 336,978.53 | -4.6% | 242,059.37 | 32.8% | 281,816 | 334,256 | -15.7% |
| FX Options | 37,488 | 72,899.47 | -48.6% | 34,113.26 | 9.9% | 35,801 | 58,956 | -39.3% |
| Ag Products Options | 266,915 | 200,778.11 | 32.9% | 426,237.53 | -37.4% | 346,576 | 213,648 | 62.2% |
| Foreign Exchange Options | 53 | 109.74 | -51.7% | 54.84 | -3.4% | 54 | 65 | -16.9% |
| TOTAL OPTIONS | 3,865,837 | 6,110,522.11 | -36.7% | 3,342,244.26 | 15.7% | 3,604,040.47 | 5,018,763.08 | -28.2% |
| TOTAL COMBINED | | | | | | | | |
| FX | 808,037 | 1,031,174.84 | -21.6% | 780,618.9 | 3.5% | 794,328 | 894,071 | -11.2% |
| Equity Index | 5,517,914 | 6,243,805.63 | -11.6% | 5,584,744.21 | -1.2% | 5,551,329 | 5,201,849 | 6.7% |
| Interest Rate | 13,246,485 | 17,052,808 | -22.3% | 8,171,192.58 | 62.1% | 10,708,839 | 12,776,307 | -16.2% |
| Energy | 2,682,947 | 3,191,314.53 | -15.9% | 2,203,058.79 | 21.8% | 2,443,003 | 3,009,232 | -18.8% |
| Metals | 728,047 | 908,859.42 | -19.9% | 719,025.68 | 1.3% | 723,537 | 872,385 | -17.1% |
| Foreign Exchange | 53 | 109.74 | -51.7% | 54.84 | -3.4% | 54 | 65 | -16.9% |
| Ags | 144 | 103.68 | 38.8% | 308.89 | -53.4% | 226 | 123 | 83.5% |
| Ag Products | 1,583,094 | 1,690,609.37 | -6.4% | 1,737,038.42 | -8.9% | 1,660,066 | 1,473,912 | 12.6% |
| GRAND TOTAL | 24,566,721 | 30,118,785.21 | -18.4% | 19,196,042.32 | 28.0% | 21,881,381.45 | 24,227,944.23 | -9.7% |

*** 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.

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