

CME Group Exchange ADV Report - Monthly

January 2015

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| | ADV JAN 2015 | ADV JAN 2014 | % CHG | ADV DEC 2015 | % CHG | ADV Y.T.D 2015 | ADV Y.T.D 2014 | % CHG |
|--|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Commodities and Alternative Investments Futures | | | | | | | | |
| HDD SEASONAL STRIP | 3 | 14.29 | -82.5% | 13.64 | -81.7% | 3 | 3 | -21.2% |
| CDD SEASONAL STRIP | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| CDD WEATHER | 0 | 0 | - | 0 | - | 0 | 29 | -100.0% |
| HDD WEATHER EUROPEAN | 0 | 38.1 | -100.0% | 0 | - | 0 | 7 | -100.0% |
| WKLY AVG TEMP | 0 | 23.81 | -100.0% | 0 | - | 0 | 3 | -100.0% |
| HDD WEATHER | 38 | 120.81 | -69.0% | 26 | 44.2% | 38 | 28 | 34.3% |
| HOUSING INDEX | 0 | 0.71 | -44.0% | 0.23 | 75.9% | 0 | 1 | -24.2% |
| MILK | 1,522 | 1,777 | -14.3% | 1,951.64 | -22.0% | 1,522 | 1,423 | 7.0% |
| HDD EURO SEASONAL STRIP | 0 | 0 | - | 11.36 | -100.0% | 0 | 25 | -100.0% |
| CASH-SETTLED CHEESE | 665 | 193.52 | 243.7% | 813.45 | -18.2% | 665 | 319 | 108.2% |
| CAT WEATHER EUROPEAN | 0 | 0 | - | 0 | - | 0 | 2 | -100.0% |
| LIVE CATTLE | 64,109 | 65,782.14 | -2.5% | 45,890.82 | 39.7% | 64,109 | 53,965 | 18.8% |
| BUTTER CS | 118 | 163.86 | -27.8% | 166.5 | -29.0% | 118 | 139 | -14.8% |
| LUMBER | 687 | 619.1 | 11.0% | 606.05 | 13.4% | 687 | 637 | 7.9% |
| DRY WHEY | 129 | 49.1 | 163.0% | 141.82 | -9.0% | 129 | 71 | 82.9% |
| CLASS IV MILK | 44 | 333.29 | -86.7% | 36.91 | 20.4% | 44 | 97 | -54.2% |
| NFD MILK | 142 | 148.1 | -4.4% | 90.64 | 56.2% | 142 | 113 | 25.4% |
| GSCI EXCESS RETURN FUT | 114 | 147.14 | -22.6% | 2,438.32 | -95.3% | 114 | 801 | -85.8% |
| LEAN HOGS | 44,152 | 44,764.71 | -1.4% | 27,067.95 | 63.1% | 44,152 | 42,289 | 4.4% |
| FEEDER CATTLE | 11,913 | 6,917.1 | 72.2% | 9,848.73 | 21.0% | 11,913 | 8,398 | 41.9% |
| MLK MID | 0 | 0 | - | 0 | - | 0 | 0 | - |
| GOLDMAN SACHS | 1,534 | 1,309.43 | 17.2% | 1,180.95 | 29.9% | 1,534 | 1,088 | 41.0% |
| COCOA TAS | 2 | 0.33 | 515.1% | 1.23 | 67.0% | 2 | 1 | 63.0% |
| SUGAR 11 | 10 | 1.33 | 635.0% | 3.09 | 217.1% | 10 | 3 | 224.9% |
| COFFEE | 4 | 0.62 | 570.4% | 4.09 | 1.4% | 4 | 2 | 144.9% |
| COTTON | 1 | 0.38 | 254.3% | 0.41 | 230.0% | 1 | 3 | -53.8% |
| MINI WHEAT | 258 | 205.43 | 25.5% | 438.68 | -41.2% | 258 | 401 | -35.8% |
| CORN | 273,445 | 275,753.81 | -0.8% | 188,778.18 | 44.8% | 273,445 | 275,545 | -0.8% |
| SOYBEAN MEAL | 77,929 | 72,339.48 | 7.7% | 73,631.27 | 5.8% | 77,929 | 81,894 | -4.8% |
| SOYBEAN OIL | 99,267 | 83,434.19 | 19.0% | 96,329.23 | 3.0% | 99,267 | 94,323 | 5.2% |
| ROUGH RICE | 616 | 503.24 | 22.4% | 1,234.41 | -50.1% | 616 | 896 | -31.2% |
| DOW-UBS COMMOD INDEX | 762 | 326.95 | 133.2% | 1,644.77 | -53.7% | 762 | 1,014 | -24.8% |
| MINI SOYBEAN | 1,066 | 970.19 | 9.9% | 1,381.86 | -22.9% | 1,066 | 1,257 | -15.2% |
| WHEAT | 113,202 | 109,117.38 | 3.7% | 108,868.86 | 4.0% | 113,202 | 125,881 | -10.1% |
| OATS | 731 | 898.1 | -18.6% | 340.09 | 114.9% | 731 | 796 | -8.2% |
| SOYBEAN | 178,516 | 175,841.05 | 1.5% | 200,373.59 | -10.9% | 178,516 | 195,117 | -8.5% |
| MINI CORN | 543 | 536.95 | 1.1% | 657.95 | -17.5% | 543 | 684 | -20.6% |
| ETHANOL | 1,202 | 873.05 | 37.7% | 762.41 | 57.7% | 1,202 | 965 | 24.6% |
| DOW-UBS COMMOD INDEX SWAP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| GRAIN BASIS SWAPS | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| FERTILIZER PRODUCTS | 84 | 44.29 | 90.2% | 106.82 | -21.1% | 84 | 67 | 25.4% |
| S&P GSCI ENHANCED ER SWAP | 0 | 0 | - | 1,188.36 | -100.0% | 0 | 320 | -100.0% |
| OTC SP GSCI ER SWAP | 0 | 98 | -100.0% | 0 | - | 0 | 8 | -100.0% |
| DJ_UBS ROLL SELECT INDEX FUTU | 17 | 0 | - | 53.45 | -68.6% | 17 | 16 | 4.0% |
| MALAYSIAN PALM SWAP | 174 | 85.71 | 103.0% | 86.36 | 101.5% | 174 | 171 | 1.9% |

Commodities and Alternative Investments Options

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| Commodities and Alternative Investments Options | | | | | | | | |
| HDD SEASONAL STRIP | 25 | 23.81 | 5.0% | 82.73 | -69.8% | 25 | 95 | -73.7% |
| CDD SEASONAL STRIP | 25 | 0 | - | 90.91 | -72.5% | 25 | 137 | -81.7% |
| CDD WEATHER | 0 | 0 | - | 0 | - | 0 | 9 | -100.0% |
| HDD WEATHER EUROPEAN | 25 | 0 | - | 0 | - | 25 | 7 | 250.0% |
| HDD WEATHER | 80 | 26.43 | 202.7% | 22.73 | 252.0% | 80 | 24 | 229.1% |
| HOUSING INDEX | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| LV CATL CSO | 2 | 10.48 | -85.7% | 4.55 | -67.0% | 2 | 2 | -33.9% |
| SBIN HURR | 0 | 0 | - | 0 | - | 0 | 0 | - |
| SNOWFALL | 0 | 9.52 | -100.0% | 0 | - | 0 | 1 | -100.0% |
| MILK | 1,225 | 1,848.05 | -33.7% | 1,526.27 | -19.7% | 1,225 | 1,436 | -14.7% |
| HDD EURO SEASONAL STRIP | 200 | 0 | - | 195.45 | 2.3% | 200 | 138 | 44.8% |
| CASH-SETTLED CHEESE | 322 | 150.33 | 114.4% | 295.45 | 9.1% | 322 | 155 | 107.8% |
| CAT WEATHER EUROPEAN | 0 | 0 | - | 0 | - | 0 | 30 | -100.0% |
| LIVE CATTLE | 19,172 | 16,230.71 | 18.1% | 15,522.91 | 23.5% | 19,172 | 16,037 | 19.5% |
| BUTTER CS | 70 | 21.38 | 225.1% | 67.14 | 3.5% | 70 | 48 | 45.7% |
| LUMBER | 55 | 44.81 | 22.0% | 45.27 | 20.7% | 55 | 55 | -0.9% |
| DRY WHEY | 23 | 8.86 | 156.9% | 12.41 | 83.3% | 23 | 18 | 26.8% |
| CLASS IV MILK | 35 | 139.52 | -75.0% | 58.14 | -40.1% | 35 | 82 | -57.6% |
| NFD MILK | 81 | 36.57 | 120.8% | 55.73 | 44.9% | 81 | 65 | 24.5% |
| LEAN HOGS | 11,829 | 7,412.76 | 59.6% | 8,096.68 | 46.1% | 11,829 | 12,332 | -4.1% |
| FEEDER CATTLE | 2,330 | 1,047.19 | 122.5% | 2,273.05 | 2.5% | 2,330 | 1,490 | 56.4% |
| MLK MID | 1 | 4.33 | -74.6% | 7.45 | -85.2% | 1 | 5 | -79.5% |
| JULY-DEC WHEAT CAL SPRD | 26 | 35.76 | -28.0% | 0 | - | 26 | 24 | 6.1% |
| CORN | 101,451 | 77,576.19 | 30.8% | 55,087.86 | 84.2% | 101,451 | 84,312 | 20.3% |
| SOYBEAN MEAL | 12,419 | 5,918.1 | 109.8% | 8,258 | 50.4% | 12,419 | 10,272 | 20.9% |
| SOYBEAN OIL | 9,497 | 5,127.95 | 85.2% | 5,559.05 | 70.8% | 9,497 | 6,903 | 37.6% |
| AUG-NOV SOYBEAN CAL SPRD | 0 | 0 | - | 0 | - | 0 | 16 | -100.0% |
| DEC-JULY CORN CAL SPRD | 0 | 0 | - | 0 | - | 0 | 4 | -100.0% |
| DEC-DEC CORN CAL SPRD | 7 | 0 | - | 9.5 | -31.6% | 7 | 11 | -41.2% |
| NOV-JULY SOYBEAN CAL SPRD | 0 | 0 | - | 0 | - | 0 | 4 | -100.0% |
| JAN-MAY SOYBEAN CAL SPRD | 0 | 0 | - | 0 | - | 0 | 2 | -100.0% |
| JULY-JULY WHEAT CAL SPRD | 0 | 0 | - | 0 | - | 0 | 3 | -100.0% |
| ROUGH RICE | 61 | 51.81 | 18.5% | 88 | -30.2% | 61 | 65 | -4.8% |
| WHEAT | 34,648 | 21,995.62 | 57.5% | 33,967.59 | 2.0% | 34,648 | 26,150 | 32.5% |
| WHEAT-CORN IC50 | 189 | 2.67 | 6978.0% | 300 | -37.1% | 189 | 61 | 210.7% |
| CORN NEARBY+2 CAL SPRD | 108 | 217.14 | -50.4% | 192 | -43.9% | 108 | 354 | -69.5% |
| SOYBN NEARBY+2 CAL SPRD | 0 | 2.38 | -100.0% | 13.64 | -100.0% | 0 | 34 | -100.0% |
| WHEAT NEARBY+2 CAL SPRD | 380 | 293.86 | 29.1% | 199.41 | 90.3% | 380 | 254 | 49.5% |
| SOY OIL NEARBY+2 CAL SPRD | 0 | 9.52 | -100.0% | 2.5 | -100.0% | 0 | 10 | -100.0% |
| SOYMEAL NEARBY+2 CAL SPRD | 0 | 0 | - | 4.55 | -100.0% | 0 | 1 | -100.0% |
| JULY-DEC CORN CAL SPRD | 203 | 701.1 | -71.0% | 49.09 | 313.8% | 203 | 357 | -43.1% |
| DEC-JULY WHEAT CAL SPRD | 0 | 0 | - | 0 | - | 0 | 5 | -100.0% |
| JULY-NOV SOYBEAN CAL SPRD | 221 | 147.38 | 50.2% | 43.91 | 404.1% | 221 | 228 | -3.1% |
| OATS | 135 | 151 | -10.4% | 29.64 | 356.4% | 135 | 99 | 36.3% |
| SOYBEAN | 77,005 | 49,009.43 | 57.1% | 54,650.41 | 40.9% | 77,005 | 71,098 | 8.3% |
| JULY-DEC SOY OIL CAL SPRD | 1 | 0 | - | 0 | - | 1 | 1 | 23.5% |
| SOYBEAN CRUSH | 4 | 21.57 | -82.2% | 3.64 | 5.9% | 4 | 12 | -67.5% |
| MAY-NOV SOYBEAN CAL SPRD | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| MAR-JULY WHEAT CAL SPRD | 15 | 15.71 | -3.6% | 0 | - | 15 | 2 | 777.7% |

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|--|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Commodities and Alternative Investments Options | | | | | | | | |
| NOV-DEC SOYBEAN CSO | 0 | 0 | - | 0 | - | 0 | 3 | -100.0% |
| JULY-DEC SOYMEAL CAL SPRD | 0 | 0.24 | -100.0% | 0 | - | 0 | 0 | -100.0% |
| MAR-DEC CORN CAL SPRD | 272 | 2.86 | 9402.6% | 185.23 | 46.6% | 272 | 16 | 1554.6% |
| MAR-JULY CORN CAL SPRD | 0 | 0 | - | 13.64 | -100.0% | 0 | 2 | -100.0% |
| DEC-JUL SOYBEAN OIL CSO | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| FX Futures | | | | | | | | |
| TURKISH LIRA | 1 | 67.33 | -99.1% | 7.09 | -91.5% | 1 | 80 | -99.3% |
| TURKISH LIRA (EU) | 0 | 46.14 | -99.6% | 0.59 | -66.2% | 0 | 57 | -99.6% |
| JAPANESE YEN | 202,096 | 158,815.52 | 27.3% | 211,630.14 | -4.5% | 202,096 | 152,063 | 32.9% |
| KOREAN WON | 1 | 18.48 | -96.5% | 3.5 | -81.4% | 1 | 9 | -92.9% |
| CD/JY CROSS RATES | 1 | 8.71 | -91.4% | 0.91 | -17.5% | 1 | 5 | -84.4% |
| CANADIAN DOLLAR | 68,585 | 71,212.24 | -3.7% | 63,324.82 | 8.3% | 68,585 | 59,907 | 14.5% |
| AD/NE CROSS RATES | 3 | 0.24 | 1349.0% | 3.05 | 13.3% | 3 | 9 | -60.5% |
| BRITISH POUND | 101,228 | 101,097.1 | 0.1% | 90,373.77 | 12.0% | 101,228 | 98,560 | 2.7% |
| RUSSIAN RUBLE | 704 | 789 | -10.8% | 2,832.27 | -75.1% | 704 | 1,478 | -52.3% |
| SWISS FRANC | 37,599 | 34,007.05 | 10.6% | 52,497.64 | -28.4% | 37,599 | 38,250 | -1.7% |
| NEW ZEALND DOLLAR | 21,513 | 13,936.14 | 54.4% | 20,155.55 | 6.7% | 21,513 | 16,302 | 32.0% |
| BP/JY CROSS RATES | 40 | 99.19 | -60.1% | 95.14 | -58.4% | 40 | 203 | -80.5% |
| SHEKEL | 0 | 13.67 | -99.3% | 0.36 | -72.5% | 0 | 24 | -99.6% |
| E-MICRO USD/CAD | 0 | 0 | - | 0 | - | 0 | 0 | 1165.8% |
| E-MICRO GBP/USD | 1,863 | 1,997.86 | -6.7% | 1,469.77 | 26.8% | 1,863 | 1,438 | 29.6% |
| E-MICRO USD/CHF | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| E-MICRO EUR/USD | 17,391 | 10,288.67 | 69.0% | 9,859.5 | 76.4% | 17,391 | 7,815 | 122.5% |
| E-MICRO USD/JPY | 0 | 0.14 | -65.0% | 0.95 | -94.8% | 0 | 0 | -89.4% |
| E-MICRO AUD/USD | 3,210 | 2,448 | 31.1% | 2,370.05 | 35.4% | 3,210 | 2,060 | 55.8% |
| AUSTRALIAN DOLLAR | 94,678 | 92,946.9 | 1.9% | 90,587.36 | 4.5% | 94,678 | 90,194 | 5.0% |
| E-MINI JAPANESE YEN | 1,367 | 655.57 | 108.6% | 1,262.09 | 8.3% | 1,367 | 700 | 95.4% |
| EFX/JY CROSS RATES | 2,824 | 2,052.24 | 37.6% | 2,790.23 | 1.2% | 2,824 | 2,218 | 27.3% |
| RMB USD | 36 | 76.24 | -52.4% | 58.91 | -38.4% | 36 | 43 | -15.3% |
| EFX/BP CROSS RATES | 3,418 | 2,156.48 | 58.5% | 3,840.91 | -11.0% | 3,418 | 2,948 | 15.9% |
| EFX/SF CROSS RATES | 3,209 | 1,493.52 | 114.9% | 4,426.95 | -27.5% | 3,209 | 1,823 | 76.1% |
| INDIAN RUPEE | 350 | 199.24 | 75.8% | 123.32 | 184.0% | 350 | 202 | 73.2% |
| EC/SEK CROSS RATES | 2 | 3.62 | -35.1% | 64.77 | -96.4% | 2 | 36 | -93.4% |
| S.AFRICAN RAND | 360 | 169.29 | 112.4% | 1,052.68 | -65.8% | 360 | 485 | -25.9% |
| MEXICAN PESO | 41,102 | 39,269.38 | 4.7% | 54,310.32 | -24.3% | 41,102 | 41,603 | -1.2% |
| EURO FX | 278,016 | 210,574.76 | 32.0% | 249,895.18 | 11.3% | 278,016 | 207,176 | 34.2% |
| SF/JY CROSS RATES | 0 | 0.05 | -100.0% | 0 | - | 0 | 0 | -100.0% |
| EC/CD CROSS RATES | 175 | 39.19 | 345.4% | 213 | -18.1% | 175 | 161 | 8.5% |
| EC/NOK CROSS RATES | 0 | 6 | -100.0% | 11.68 | -100.0% | 0 | 5 | -100.0% |
| EC/AD CROSS RATES | 31 | 17.48 | 74.8% | 138.32 | -77.9% | 31 | 64 | -52.1% |
| BP/SF CROSS RATES | 20 | 12.71 | 57.7% | 11.14 | 80.0% | 20 | 19 | 3.3% |
| E-MINI EURO FX | 6,984 | 5,900.9 | 18.4% | 4,043.55 | 72.7% | 6,984 | 3,631 | 92.3% |
| MICRO JYP/USD | 1,271 | 777.95 | 63.4% | 1,250.5 | 1.7% | 1,271 | 651 | 95.2% |
| MICRO CAD/USD | 689 | 932.33 | -26.1% | 607.55 | 13.4% | 689 | 704 | -2.2% |
| MICRO CHF/USD | 294 | 224.43 | 31.0% | 214.5 | 37.0% | 294 | 192 | 53.1% |
| POLISH ZLOTY (EC) | 0 | 211.76 | -100.0% | 4.64 | -100.0% | 0 | 143 | -100.0% |

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| FX Futures | | | | | | | | |
| AD/JY CROSS RATES | 186 | 188.38 | -1.1% | 401.41 | -53.6% | 186 | 279 | -33.1% |
| AD/CD CROSS RATES | 2 | 8.52 | -73.6% | 2.5 | -10.0% | 2 | 4 | -44.5% |
| HUNGARIAN FORINT (US) | 0 | 2.9 | -100.0% | 0 | - | 0 | 2 | -100.0% |
| CZECK KORUNA (EC) | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| POLISH ZLOTY (US) | 165 | 110.9 | 48.6% | 229.91 | -28.3% | 165 | 97 | 69.6% |
| SKR/USD CROSS RATES | 28 | 36.95 | -23.4% | 83 | -65.9% | 28 | 48 | -41.4% |
| HUNGARIAN FORINT (EC) | 0 | 1.9 | -100.0% | 0 | - | 0 | 3 | -100.0% |
| CZECK KORUNA (US) | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| NKR/USD CROSS RATE | 41 | 32 | 28.6% | 128.18 | -67.9% | 41 | 58 | -29.2% |
| BRAZIL REAL | 2,801 | 953.81 | 193.7% | 2,232.14 | 25.5% | 2,801 | 2,575 | 8.8% |
| USDZAR | 0 | 24.86 | -100.0% | 0 | - | 0 | 6 | -100.0% |
| EURO QUARTERLY VARIANCE FUTU | 0 | 0 | - | 0 | - | 0 | 0 | - |
| FX Options | | | | | | | | |
| AUSTRALIAN DLR (EU) | 5 | 20.76 | -77.8% | 17.27 | -73.4% | 5 | 13 | -64.8% |
| JAPANESE YEN | 11,212 | 12,592.67 | -11.0% | 15,338 | -26.9% | 11,212 | 11,942 | -6.1% |
| EURO FX (EU) | 379 | 193.38 | 96.0% | 189.45 | 100.0% | 379 | 360 | 5.3% |
| CANADIAN DOLLAR | 6,107 | 6,711.05 | -9.0% | 4,570.45 | 33.6% | 6,107 | 5,556 | 9.9% |
| BRITISH POUND | 10,743 | 12,755.38 | -15.8% | 9,125.18 | 17.7% | 10,743 | 12,037 | -10.8% |
| RUSSIAN RUBLE | 0 | 0 | - | 20 | -100.0% | 0 | 29 | -100.0% |
| CANADIAN DOLLAR (EU) | 26 | 11.14 | 134.7% | 7.41 | 252.9% | 26 | 25 | 4.6% |
| SWISS FRANC (EU) | 0 | 10 | -100.0% | 0.27 | -100.0% | 0 | 7 | -100.0% |
| SWISS FRANC | 1,906 | 1,009.76 | 88.8% | 1,970.36 | -3.3% | 1,906 | 1,178 | 61.8% |
| BRITISH POUND (EU) | 49 | 90.38 | -46.3% | 23.18 | 109.4% | 49 | 39 | 25.9% |
| NEW ZEALND DOLLAR | 1 | 0.24 | 110.0% | 0.23 | 120.0% | 1 | 3 | -83.3% |
| AUSTRALIAN DOLLAR | 6,270 | 7,303.33 | -14.2% | 5,831.05 | 7.5% | 6,270 | 6,204 | 1.0% |
| MEXICAN PESO | 51 | 0.48 | 10599.3% | 146.18 | -65.1% | 51 | 39 | 30.9% |
| EURO FX | 64,173 | 27,174.48 | 136.2% | 45,937.18 | 39.7% | 64,173 | 30,281 | 111.9% |
| JAPANESE YEN (EU) | 33 | 52.76 | -37.5% | 35.5 | -7.0% | 33 | 46 | -28.7% |
| BRAZIL REAL | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |

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| | ADV JAN 2015 | ADV JAN 2014 | % CHG | ADV DEC 2015 | % CHG | ADV Y.T.D 2015 | ADV Y.T.D 2014 | % CHG |
|-----------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Equity Index Futures | | | | | | | | |
| DJ US REAL ESTATE | 510 | 187 | 172.8% | 953.09 | -46.5% | 510 | 481 | 6.1% |
| E-MINI NASDAQ 100 | 341,667 | 268,619.57 | 27.2% | 328,616 | 4.0% | 341,667 | 299,539 | 14.1% |
| S&P ENERGY SECTOR | 157 | 301.33 | -47.8% | 325.09 | -51.6% | 157 | 370 | -57.5% |
| S&P MATERIALS SECTOR | 187 | 68.52 | 173.3% | 277.23 | -32.4% | 187 | 119 | 57.4% |
| S&P FINANCIAL SECTOR | 83 | 78.9 | 4.9% | 359.41 | -77.0% | 83 | 159 | -48.0% |
| S&P HEALTH CARE SECTOR | 286 | 40.1 | 613.4% | 664.5 | -57.0% | 286 | 225 | 27.0% |
| S&P INDUSTRIAL SECTOR | 148 | 51.71 | 185.9% | 280.55 | -47.3% | 148 | 148 | 0.1% |
| S&P UTILITIES SECTOR | 269 | 177.52 | 51.4% | 746.68 | -64.0% | 269 | 351 | -23.4% |
| S&P TECHNOLOGY SECTOR | 108 | 100.38 | 7.5% | 374.5 | -71.2% | 108 | 164 | -34.1% |
| S&P CONSUMER DSCRTNRY SECTO | 239 | 64.29 | 271.0% | 247.18 | -3.5% | 239 | 146 | 63.3% |
| S&P 500 | 10,013 | 9,545.76 | 4.9% | 24,122.68 | -58.5% | 10,013 | 13,443 | -25.5% |
| NASDAQ | 1,152 | 1,268.71 | -9.2% | 1,685.91 | -31.7% | 1,152 | 1,004 | 14.7% |
| E-MINI MIDCAP | 20,745 | 17,597 | 17.9% | 26,975.86 | -23.1% | 20,745 | 20,975 | -1.1% |
| NIKKEI 225 (\$) STOCK | 20,223 | 17,672.43 | 14.4% | 25,934.64 | -22.0% | 20,223 | 19,111 | 5.8% |
| NIKKEI 225 (YEN) STOCK | 57,666 | 53,116.05 | 8.6% | 59,214.18 | -2.6% | 57,666 | 48,353 | 19.3% |
| IBOVESPA INDEX | 5 | 39.29 | -86.6% | 17.91 | -70.7% | 5 | 18 | -70.1% |
| S&P 600 SMALLCAP EMINI | 0 | 0.48 | -100.0% | 0 | - | 0 | 0 | -100.0% |
| S&P CONSUMER STAPLES SECTOR | 56 | 89.05 | -37.5% | 526.86 | -89.4% | 56 | 267 | -79.2% |
| E-MINI S&P500 | 1,918,089 | 1,608,096 | 19.3% | 1,849,555.45 | 3.7% | 1,918,089 | 1,686,588 | 13.7% |
| S&P 500/VALUE | 1 | 0.33 | 125.0% | 18.5 | -95.9% | 1 | 6 | -88.3% |
| S&P 500 GROWTH | 0 | 0.57 | -38.7% | 7.73 | -95.5% | 0 | 3 | -89.0% |
| S&P 400 MIDCAP | 47 | 61 | -22.4% | 66.23 | -28.5% | 47 | 84 | -43.8% |
| \$25 DJ | 0 | 0 | - | 0.09 | -100.0% | 0 | 0 | -100.0% |
| MINI \$5 DOW | 207,335 | 151,464.71 | 36.9% | 162,476.23 | 27.6% | 207,335 | 154,975 | 33.8% |
| DJIA | 729 | 401.1 | 81.7% | 1,084.41 | -32.8% | 729 | 504 | 44.7% |
| NASDAQ BIOTECH | 0 | 0 | - | 9.09 | -100.0% | 0 | 2 | -100.0% |
| Equity Index Options | | | | | | | | |
| E-MINI NASDAQ 100 | 7,962 | 10,457.05 | -23.9% | 9,104.95 | -12.6% | 7,962 | 12,516 | -36.4% |
| S&P 500 | 37,784 | 23,904.71 | 58.1% | 36,172.68 | 4.5% | 37,784 | 34,317 | 10.1% |
| EOW4 EMINI S&P 500 | 53,899 | 34,952.05 | 54.2% | 46,338.86 | 16.3% | 53,899 | 36,260 | 48.6% |
| EOW2 S&P 500 | 4,106 | 3,712.62 | 10.6% | 5,593.95 | -26.6% | 4,106 | 3,702 | 10.9% |
| EOW1 EMINI S&P 500 | 43,493 | 32,439.86 | 34.1% | 51,752.77 | -16.0% | 43,493 | 41,347 | 5.2% |
| NASDAQ | 1 | 1.86 | -46.2% | 0.36 | 175.0% | 1 | 1 | 1.2% |
| EOW1 S&P 500 | 1,769 | 2,920.24 | -39.4% | 1,868.09 | -5.3% | 1,769 | 2,106 | -16.0% |
| E-MINI MIDCAP | 1 | 10.62 | -95.3% | 0.64 | -21.4% | 1 | 4 | -86.4% |
| EOM S&P 500 | 6,406 | 4,850.52 | 32.1% | 6,627.14 | -3.3% | 6,406 | 4,063 | 57.7% |
| EOM EMINI S&P | 64,473 | 58,688 | 9.9% | 47,432.91 | 35.9% | 64,473 | 45,724 | 41.0% |
| EOW2 EMINI S&P 500 | 43,243 | 32,514.67 | 33.0% | 60,923.68 | -29.0% | 43,243 | 41,883 | 3.2% |
| E-MINI S&P500 | 346,497 | 276,051.33 | 25.5% | 324,985.64 | 6.6% | 346,497 | 293,972 | 17.9% |
| MINI \$5 DOW | 804 | 612.71 | 31.2% | 846.59 | -5.0% | 804 | 598 | 34.4% |
| DJIA | 0 | 0.1 | -100.0% | 1 | -100.0% | 0 | 2 | -100.0% |

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|------------------------------|-----------------|-----------------|--------|-----------------|--------|-------------------|-------------------|---------|
| Interest Rate Futures | | | | | | | | |
| 5-YR SWAP RATE | 2,294 | 2,014.48 | 13.9% | 5,745.45 | -60.1% | 2,294 | 3,094 | -25.8% |
| 2-YR SWAP RATE | 27 | 72.9 | -63.1% | 829.14 | -96.8% | 27 | 440 | -93.9% |
| 10-YR SWAP RATE | 2,478 | 1,629.38 | 52.1% | 7,300.73 | -66.1% | 2,478 | 3,112 | -20.4% |
| 1-MONTH EUROS DOLLAR | 171 | 21.43 | 700.1% | 59.86 | 186.4% | 171 | 79 | 117.4% |
| EURO YEN | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| EURO DOLLARS | 3,027,883 | 2,607,683 | 16.1% | 2,866,659.45 | 5.6% | 3,027,883 | 2,636,641 | 14.8% |
| 30-YR BOND | 397,809 | 279,575 | 42.3% | 306,458.09 | 29.8% | 397,809 | 369,798 | 7.6% |
| 5-YR NOTE | 736,964 | 622,934.38 | 18.3% | 590,088.95 | 24.9% | 736,964 | 779,481 | -5.5% |
| 10-YR NOTE | 1,374,959 | 1,105,625 | 24.4% | 1,045,716.68 | 31.5% | 1,374,959 | 1,351,132 | 1.8% |
| 2-YR NOTE | 255,658 | 190,707.76 | 34.1% | 229,736.41 | 11.3% | 255,658 | 284,977 | -10.3% |
| 30-YR SWAP RATE | 193 | 138.81 | 39.2% | 377.27 | -48.8% | 193 | 248 | -22.1% |
| ULTRA T-BOND | 98,042 | 70,043.62 | 40.0% | 83,153.41 | 17.9% | 98,042 | 100,903 | -2.8% |
| FED FUND | 57,846 | 17,843.29 | 224.2% | 51,317.45 | 12.7% | 57,846 | 31,329 | 84.6% |
| EURO 5YR BUNDLE | 1 | 0 | - | 1.09 | 28.3% | 1 | 1 | 152.0% |
| 3YR BUNDLE | 1 | 0 | - | 11.18 | -91.1% | 1 | 4 | -74.0% |
| 2YR BUNDLE | 15 | 0 | - | 47.27 | -68.8% | 15 | 9 | 72.6% |

Interest Rate Options

| | | | | | | | | |
|-----------------|---------|------------|---------|------------|--------|---------|---------|---------|
| EURO MIDCURVE | 550,245 | 714,715.24 | -23.0% | 465,280.41 | 18.3% | 550,245 | 663,363 | -17.1% |
| EURO DOLLARS | 476,100 | 115,240 | 313.1% | 387,918.59 | 22.7% | 476,100 | 196,314 | 142.5% |
| FLEX 30-YR BOND | 0 | 0 | - | 0 | - | 0 | 13 | -100.0% |
| 30-YR BOND | 97,161 | 53,993.19 | 80.0% | 65,855 | 47.5% | 97,161 | 65,101 | 49.2% |
| 5-YR NOTE | 92,714 | 111,476.1 | -16.8% | 103,225.68 | -10.2% | 92,714 | 113,341 | -18.2% |
| 10-YR NOTE | 496,277 | 403,621.43 | 23.0% | 396,051.86 | 25.3% | 496,277 | 399,460 | 24.2% |
| 2-YR NOTE | 17,158 | 5,391.71 | 218.2% | 17,278.77 | -0.7% | 17,158 | 9,873 | 73.8% |
| ULTRA T-BOND | 1,044 | 91.62 | 1039.0% | 1,532.64 | -31.9% | 1,044 | 622 | 67.8% |
| FED FUND | 569 | 92.71 | 513.7% | 54.59 | 942.3% | 569 | 101 | 461.6% |

Energy Futures

| | | | | | | | | |
|-------------------------------|-----|----------|---------|--------|---------|-----|-----|---------|
| TENNESSEE 500 LEG NG SWIN | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| NGPL TEXOK SWING SWAP | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| ELEC ERCOT OFF PEAK | 0 | 1,566.1 | -100.0% | 0 | - | 0 | 146 | -100.0% |
| RBOB GAS | 62 | 24.33 | 152.7% | 46.82 | 31.4% | 62 | 37 | 65.4% |
| ELEC ERCOT DLY PEAK | 0 | 76.81 | -100.0% | 0 | - | 0 | 7 | -100.0% |
| ERCOT NORTH ZMCP 5MW OFFPE | 0 | 1,613.33 | -100.0% | 0 | - | 0 | 577 | -100.0% |
| ERCOT NORTH ZMCP 5MW PEAK | 0 | 75.24 | -100.0% | 0 | - | 0 | 39 | -100.0% |
| SINGAPORE JET KERO VS. GASOIL | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| PETRO OUTRIGHT EURO | 497 | 394.95 | 25.8% | 365.36 | 36.0% | 497 | 433 | 14.8% |
| MONT BELVIEU LDH PROPANE OPIS | 47 | 38.43 | 23.0% | 46.59 | 1.4% | 47 | 35 | 35.8% |
| MONT BELVIEU ETHANE OPIS BALM | 46 | 1.19 | 3763.9% | 15.91 | 189.1% | 46 | 6 | 622.2% |
| CONWAY NATURAL GASOLINE (OPI | 0 | 0 | - | 1.64 | -100.0% | 0 | 2 | -100.0% |
| PETROCHEMICALS | 162 | 159.71 | 1.3% | 149.64 | 8.1% | 162 | 199 | -18.5% |
| CONWAY PROPANE 5 DECIMALS S | 413 | 105.48 | 291.1% | 364.73 | 13.1% | 413 | 180 | 128.8% |
| CONWAY NORMAL BUTANE (OPIS) S | 3 | 0 | - | 0.45 | 560.1% | 3 | 5 | -33.4% |
| MONT BELVIEU NORMAL BUTANE B | 21 | 13.62 | 55.3% | 94.09 | -77.5% | 21 | 26 | -20.0% |
| MONT BELVIEU NATURAL GASOLIN | 7 | 11.95 | -41.4% | 27.59 | -74.6% | 7 | 16 | -57.0% |

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|---------------------------|-----------------|-----------------|---------|-----------------|----------|-------------------|-------------------|---------|
| Energy Futures | | | | | | | | |
| IN DELIVERY MONTH EUA | 823 | 303.52 | 171.0% | 387.27 | 112.4% | 823 | 485 | 69.7% |
| WTS (ARGUS) VS WTI SWAP | 268 | 262.62 | 1.9% | 363.64 | -26.4% | 268 | 252 | 6.3% |
| ISO NEW ENGLAND PK LMP | 0 | 0 | - | 0 | - | 0 | 5 | -100.0% |
| ELEC NYISO OFF-PEAK | 0 | 0 | - | 0 | - | 0 | 93 | -100.0% |
| ELEC MISO PEAK | 0 | 4.76 | -100.0% | 0 | - | 0 | 5 | -100.0% |
| TRANSCO ZONE 4 NAT GAS IN | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| COLUMB GULF MAINLINE NG B | 306 | 127.86 | 139.1% | 72.18 | 323.4% | 306 | 194 | 57.6% |
| ONEOK OKLAHOMA NG BASIS | 0 | 2.86 | -100.0% | 3.82 | -100.0% | 0 | 10 | -100.0% |
| TEXAS GAS ZONE1 NG BASIS | 283 | 0 | - | 265.45 | 6.7% | 283 | 26 | 976.1% |
| NYISO ZONE C 5MW D AH O P | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PJM NI HUB 5MW REAL TIME | 74 | 2,629.33 | -97.2% | 0 | - | 74 | 2,558 | -97.1% |
| NYISO ZONE J 5MW D AH O P | 0 | 0 | - | 0 | - | 0 | 415 | -100.0% |
| NYISO ZONE J 5MW D AH PK | 0 | 0 | - | 0 | - | 0 | 30 | -100.0% |
| NEPOOL W CNT MASS 5MW D A | 0 | 0 | - | 0 | - | 0 | 37 | -100.0% |
| PJM COMED 5MW D AH PK | 0 | 28.57 | -100.0% | 0 | - | 0 | 5 | -100.0% |
| PJM DUQUS 5MW D AH O PK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NEPOOL SE MASS 5MW D AH O | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NEPOOL CNCTCT 5MW D AH O | 0 | 223.62 | -100.0% | 424 | -100.0% | 0 | 56 | -100.0% |
| NEPOOL CONECTIC 5MW D AH | 0 | 12.1 | -100.0% | 23.27 | -100.0% | 0 | 3 | -100.0% |
| NEPOOL NE MASS 5MW D AH P | 20 | 0 | - | 28.64 | -30.2% | 20 | 3 | 700.0% |
| NYISO ZONE C 5MW D AH PK | 0 | 0 | - | 0 | - | 0 | 2 | -100.0% |
| PETRO CRCKS & SPRDS NA | 2,125 | 1,267.48 | 67.7% | 1,032.55 | 105.8% | 2,125 | 1,192 | 78.3% |
| SINGAPORE GASOIL | 146 | 179.71 | -19.0% | 75.36 | 93.2% | 146 | 111 | 31.0% |
| PETRO OUTRIGHT NA | 467 | 487.62 | -4.2% | 410.45 | 13.8% | 467 | 516 | -9.5% |
| CRUDE OIL SPRDS | 0 | 0 | - | 6.82 | -100.0% | 0 | 2 | -100.0% |
| RBOB GASOLINE BALMO CLNDR | 53 | 13.1 | 307.8% | 52.41 | 1.9% | 53 | 37 | 45.0% |
| GASOLINE UP-DOWN BALMO SW | 30 | 28.57 | 3.3% | 15.45 | 90.9% | 30 | 15 | 100.9% |
| COLUMBIA GULF MAIN NAT G | 0 | 21.33 | -100.0% | 0 | - | 0 | 9 | -100.0% |
| ALGON CITY GATES NAT GAS | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| TENN 800 LEG NAT GAS INDE | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| NATURAL GAS PHY | 380,848 | 422,476.67 | -9.9% | 298,562.55 | 27.6% | 380,848 | 294,471 | 29.3% |
| CRUDE OIL OUTRIGHTS | 470 | 473.1 | -0.6% | 284.59 | 65.3% | 470 | 288 | 63.1% |
| ELECTRICITY OFF PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| ELEC FINSETTLED | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PETRO CRK&SPRD EURO | 390 | 198.86 | 96.0% | 343.23 | 13.5% | 390 | 242 | 60.9% |
| FREIGHT MARKETS | 0 | 1.9 | -100.0% | 0 | - | 0 | 0 | -100.0% |
| PLASTICS | 83 | 15.24 | 446.0% | 36.45 | 128.2% | 83 | 26 | 222.9% |
| NYH NO 2 CRACK SPREAD CAL | 417 | 167.29 | 149.3% | 170.86 | 144.1% | 417 | 182 | 129.0% |
| TRANSCO ZONE 6 BASIS SWAP | 8 | 0.95 | 698.0% | 33.27 | -77.2% | 8 | 15 | -48.8% |
| NYISO A | 0 | 0 | - | 11.5 | -100.0% | 0 | 30 | -100.0% |
| MINY NATURAL GAS | 1,737 | 3,076.67 | -43.5% | 1,543.91 | 12.5% | 1,737 | 1,578 | 10.1% |
| HEATING OIL PHY | 162,353 | 161,931.38 | 0.3% | 144,708.82 | 12.2% | 162,353 | 134,708 | 20.5% |
| DOMINION TRANSMISSION INC | 449 | 457.62 | -1.8% | 391.91 | 14.7% | 449 | 251 | 79.1% |
| TCO BASIS SWAP | 272 | 33.9 | 701.4% | 2.55 | 10573.7% | 272 | 660 | -58.9% |
| PJM MONTHLY | 0 | 131.05 | -100.0% | 57.18 | -100.0% | 0 | 100 | -100.0% |
| WAHA INDEX SWAP FUTURE | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| NY HARBOR HEAT OIL SWP | 383 | 297 | 28.9% | 823.5 | -53.5% | 383 | 309 | 23.7% |
| EASTERN RAIL DELIVERY CSX | 250 | 564.05 | -55.7% | 123.18 | 103.0% | 250 | 219 | 13.9% |
| HTG OIL | 0 | 0 | - | 0 | - | 0 | 3 | -100.0% |

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|----------------------------|-----------------|-----------------|----------|-----------------|---------|-------------------|-------------------|---------|
| Energy Futures | | | | | | | | |
| EUROPE 3.5% FUEL OIL MED | 9 | 11.48 | -25.9% | 3.41 | 149.3% | 9 | 7 | 21.8% |
| AEP-DAYTON HUB DAILY | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| PJM OFF-PEAK LMP SWAP FUT | 4 | 26 | -84.6% | 0 | - | 4 | 19 | -78.7% |
| AEP-DAYTON HUB OFF-PEAK M | 1 | 1.71 | -70.8% | 0 | - | 1 | 4 | -88.4% |
| TENNESSEE ZONE 0 BASIS SW | 0 | 10.67 | -100.0% | 0 | - | 0 | 1 | -100.0% |
| TD3 MEG TO JAPAN 250K MT | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| FUELOIL SWAP:CARGOES VS.B | 52 | 59.24 | -12.3% | 32.36 | 60.5% | 52 | 28 | 83.1% |
| MICHIGAN HUB PEAK MONTH S | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| MINY HTG OIL | 1 | 0.52 | 24.1% | 0.64 | 2.1% | 1 | 0 | 37.7% |
| BRENT CALENDAR SWAP | 317 | 639.33 | -50.4% | 619.55 | -48.8% | 317 | 357 | -11.1% |
| EURO GASOIL 10PPM VS ICE | 4 | 5.95 | -38.7% | 7.05 | -48.2% | 4 | 6 | -40.9% |
| WTI-BRENT CALENDAR SWAP | 1,209 | 803.43 | 50.5% | 1,247.86 | -3.1% | 1,209 | 1,063 | 13.8% |
| CENTERPOINT BASIS SWAP | 75 | 0.95 | 7764.3% | 171.27 | -56.3% | 75 | 46 | 63.4% |
| PJM NILL DA OFF-PEAK | 442 | 851.05 | -48.1% | 403.55 | 9.4% | 442 | 940 | -53.0% |
| PJM NILL DA PEAK | 15 | 108.29 | -86.4% | 14.55 | 1.4% | 15 | 59 | -74.8% |
| CIN HUB 5MW REAL TIME PK | 0 | 55 | -100.0% | 0 | - | 0 | 83 | -100.0% |
| MINY WTI CRUDE OIL | 18,250 | 6,119.14 | 198.2% | 14,432.55 | 26.5% | 18,250 | 7,535 | 142.2% |
| JAPAN C&F NAPHTHA SWAP | 27 | 76.05 | -64.6% | 51.5 | -47.7% | 27 | 57 | -52.8% |
| LLS (ARGUS) VS WTI SWAP | 739 | 784.14 | -5.7% | 290 | 154.9% | 739 | 457 | 61.8% |
| RBOB PHY | 153,536 | 117,663.62 | 30.5% | 126,425.68 | 21.4% | 153,536 | 136,595 | 12.4% |
| NEPOOL RHD ISLD 5MW D AH | 0 | 0 | - | 34.64 | -100.0% | 0 | 85 | -100.0% |
| NEPOOL NE MASS 5MW D AH O | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NEPOOL NEW HAMP 5MW D AH | 0 | 0 | - | 0 | - | 0 | 0 | - |
| CIN HUB 5MW REAL TIME O P | 11,210 | 270.86 | 4038.6% | 0 | - | 11,210 | 1,630 | 587.8% |
| LTD NAT GAS | 11,333 | 14,302.38 | -20.8% | 11,747.5 | -3.5% | 11,333 | 9,248 | 22.5% |
| SAN JUAN PIPE SWAP | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| NORTHWEST ROCKIES BASIS S | 756 | 5.62 | 13360.6% | 198.77 | 280.5% | 756 | 72 | 954.7% |
| SINGAPORE 380CST BALMO | 7 | 3.52 | 98.6% | 4.82 | 45.3% | 7 | 4 | 94.1% |
| PJM BGE DA OFF-PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| ULSD 10PPM CIF MED VS ICE | 2 | 4.52 | -66.8% | 4.09 | -63.3% | 2 | 2 | -39.7% |
| GULF COAST JET FUEL CLNDR | 41 | 14.52 | 184.0% | 22.23 | 85.6% | 41 | 15 | 181.8% |
| SINGAPORE GASOIL SWAP | 212 | 490.29 | -56.8% | 145.36 | 45.7% | 212 | 354 | -40.1% |
| CHICAGO ULSD PL VS HO SPR | 38 | 48.86 | -21.9% | 28.86 | 32.2% | 38 | 21 | 86.1% |
| CIN HUB 5MW D AH PK | 255 | 0 | - | 0 | - | 255 | 88 | 188.0% |
| PJM AD HUB 5MW REAL TIME | 390 | 16,649.76 | -97.7% | 58.18 | 571.0% | 390 | 8,354 | -95.3% |
| TC5 RAS TANURA TO YOKOHAM | 1 | 0.24 | 215.0% | 0 | - | 1 | 0 | 656.0% |
| Sumas Basis Swap | 10 | 15.95 | -37.3% | 19.36 | -48.4% | 10 | 11 | -8.9% |
| RBOB CRACK SPREAD | 94 | 279.95 | -66.4% | 6.36 | 1377.2% | 94 | 68 | 39.2% |
| NGPL TEX/OK | 176 | 29.48 | 497.1% | 465.82 | -62.2% | 176 | 217 | -18.8% |
| EURO GASOIL 10 CAL SWAP | 0 | 0.05 | -100.0% | 0 | - | 0 | 0 | -100.0% |
| HENRY HUB INDEX SWAP FUTU | 372 | 316.38 | 17.5% | 241.05 | 54.2% | 372 | 547 | -32.0% |
| WTI-BRENT BULLET SWAP | 0 | 83.33 | -100.0% | 0 | - | 0 | 30 | -100.0% |
| NYISO J OFF-PEAK | 0 | 0 | - | 1.82 | -100.0% | 0 | 2 | -100.0% |
| EAST/WEST FUEL OIL SPREAD | 34 | 58.95 | -43.0% | 26.59 | 26.4% | 34 | 26 | 29.8% |
| TENNESSEE 500 LEG BASIS S | 130 | 0 | - | 12.68 | 924.3% | 130 | 10 | 1188.3% |
| NORTHERN NATURAL GAS DEMAR | 6 | 0 | - | 127.41 | -95.4% | 6 | 35 | -83.3% |
| HOUSTON SHIP CHANNEL INDE | 0 | 0 | - | 16.91 | -100.0% | 0 | 1 | -100.0% |
| CARBON EUA EMISSIONS EURO | 0 | 0 | - | 0 | - | 0 | 17 | -100.0% |
| APPALACHIAN COAL (PHY) | 22 | 203.33 | -89.4% | 2.73 | 688.3% | 22 | 75 | -71.4% |

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|------------------------------|-----------------|-----------------|----------|-----------------|----------|-------------------|-------------------|---------|
| Energy Futures | | | | | | | | |
| WTI CALENDAR | 1,812 | 1,645.24 | 10.1% | 1,318.45 | 37.4% | 1,812 | 1,590 | 14.0% |
| CINERGY HUB PEAK MONTH | 0 | 0 | - | 0 | - | 0 | 2 | -100.0% |
| CHICAGO ULSD (PLATTS) SWA | 0 | 2.19 | -100.0% | 0 | - | 0 | 0 | -100.0% |
| RBOB CALENDAR SWAP | 254 | 407.52 | -37.7% | 343.55 | -26.1% | 254 | 397 | -36.1% |
| AEP-DAYTON HUB MTHLY | 1 | 1.05 | 5.0% | 0 | - | 1 | 6 | -81.6% |
| CRUDE OIL PHY | 825,682 | 531,525.33 | 55.3% | 641,752.23 | 28.7% | 825,682 | 575,981 | 43.4% |
| N ILLINOIS HUB MTHLY | 0 | 0 | - | 0 | - | 0 | 4 | -100.0% |
| NEW YORK ETHANOL SWAP | 70 | 69.76 | 0.7% | 37.73 | 86.2% | 70 | 62 | 14.1% |
| LA CARB DIESEL (OPIS) | 0 | 0.52 | -100.0% | 1.77 | -100.0% | 0 | 1 | -100.0% |
| GASOIL BULLET SWAP | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| RBOB SPREAD (PLATTS) SWAP | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| EURO PROPANE CIF ARA SWA | 19 | 24.33 | -22.9% | 24.09 | -22.2% | 19 | 18 | 6.5% |
| LA CARBOB GASOLINE(OPIS)S | 31 | 55.95 | -44.1% | 15.91 | 96.4% | 31 | 29 | 9.4% |
| MCCLOSKEY ARA ARGS COAL | 11,849 | 5,763.52 | 105.6% | 4,831.68 | 145.2% | 11,849 | 6,189 | 91.5% |
| MCCLOSKEY RCH BAY COAL | 1,880 | 1,597.62 | 17.7% | 1,036.91 | 81.3% | 1,880 | 1,561 | 20.5% |
| MGF FUT | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| MNC FUT | 262 | 235.29 | 11.4% | 192.27 | 36.3% | 262 | 240 | 9.2% |
| MGN1 SWAP FUT | 7 | 3.9 | 85.7% | 3.91 | 85.5% | 7 | 4 | 73.7% |
| UCM FUT | 1 | 0 | - | 0 | - | 1 | 2 | -59.2% |
| MJC FUT | 2 | 0.95 | 57.5% | 5.45 | -72.5% | 2 | 2 | -37.0% |
| HEATING OIL VS ICE GASOIL | 0 | 112.86 | -100.0% | 0 | - | 0 | 124 | -100.0% |
| UP DOWN GC ULSD VS NMX HO | 1,771 | 2,696.52 | -34.3% | 1,331.73 | 33.0% | 1,771 | 1,474 | 20.1% |
| HOUSTON SHIP CHANNEL BASI | 78 | 82.86 | -5.9% | 184.55 | -57.8% | 78 | 173 | -54.8% |
| FUEL OIL CRACK VS ICE | 216 | 251.14 | -13.9% | 160.36 | 34.9% | 216 | 198 | 9.0% |
| NATURAL GAS | 5,110 | 3,212.24 | 59.1% | 3,316.32 | 54.1% | 5,110 | 2,693 | 89.8% |
| N ROCKIES PIPE SWAP | 0 | 0 | - | 6.27 | -100.0% | 0 | 14 | -100.0% |
| SOCAL PIPE SWAP | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| GAS EURO-BOB OXY NWE BARGES | 1,289 | 1,025.81 | 25.7% | 599.73 | 115.0% | 1,289 | 1,101 | 17.1% |
| MONT BELVIEU NATURAL GASOLIN | 371 | 133.62 | 178.0% | 322.27 | 15.2% | 371 | 342 | 8.7% |
| ONTARIO POWER SWAPS | 7,401 | 72.86 | 10058.2% | 25.91 | 28465.3% | 7,401 | 1,101 | 572.4% |
| DAILY PJM | 0 | 447.52 | -100.0% | 80 | -100.0% | 0 | 50 | -100.0% |
| BRENT OIL LAST DAY | 137,213 | 47,626.38 | 188.1% | 89,071.91 | 54.0% | 137,213 | 73,386 | 87.0% |
| SINGAPORE GASOIL CALENDAR | 258 | 10 | 2482.0% | 5.45 | 4633.7% | 258 | 31 | 724.0% |
| GASOIL 0.1 CARGOES CIF NE | 0 | 0.48 | -100.0% | 0 | - | 0 | 0 | -100.0% |
| GC ULSD VS GC JET SPREAD | 0 | 0 | - | 0 | - | 0 | 0 | - |
| MARS (ARGUS) VS WTI TRD M | 0 | 9.29 | -100.0% | 1.36 | -100.0% | 0 | 3 | -100.0% |
| MARS (ARGUS) VS WTI SWAP | 357 | 103.1 | 246.5% | 290.14 | 23.1% | 357 | 194 | 83.7% |
| SINGAPORE JET KERO BALMO | 13 | 0 | - | 0 | - | 13 | 1 | 1066.7% |
| WTS (ARGUS) VS WTI TRD MT | 185 | 13.48 | 1269.1% | 40.91 | 351.0% | 185 | 49 | 272.8% |
| DUBAI CRUDE OIL BALMO | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| EURO 1% FUEL OIL NEW BALM | 1 | 1.24 | -35.4% | 0 | - | 1 | 1 | -29.8% |
| BRENT CFD SWAP | 0 | 0 | - | 0 | - | 0 | 24 | -100.0% |
| PREMIUM UNLND 10P FOB MED | 29 | 10.81 | 163.7% | 9.68 | 194.4% | 29 | 19 | 47.3% |
| 3.5% FUEL OIL CID MED SWA | 6 | 0 | - | 3.36 | 63.5% | 6 | 5 | 18.7% |
| JET FUEL CRG CIF NEW VS I | 0 | 0 | - | 1 | -100.0% | 0 | 0 | -100.0% |
| ARGUS PROPAN FAR EST INDE | 14 | 11.33 | 24.4% | 24.95 | -43.5% | 14 | 12 | 17.2% |
| ULSD 10PPM CIF VS ICE GAS | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| SINGAPORE NAPHTHA BALMO | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| NYISO ZONE G 5MW D AH PK | 0 | 171.14 | -100.0% | 0 | - | 0 | 48 | -100.0% |

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|--------------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Energy Futures | | | | | | | | |
| GASOIL 0.1 BRGS FOB VS IC | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| NYMEX ULSD VS NYMEX HO | 16 | 1.43 | 1002.5% | 0 | - | 16 | 3 | 373.1% |
| RBOB VS HEATING OIL SWAP | 83 | 3.57 | 2210.0% | 61.36 | 34.4% | 83 | 24 | 245.1% |
| GULF COAST ULSD CRACK SPR | 23 | 97.62 | -77.0% | 34.77 | -35.3% | 23 | 68 | -66.7% |
| USGC UNL 87 CRACK SPREAD | 9 | 14.29 | -38.7% | 0 | - | 9 | 19 | -54.1% |
| JET FUEL BRG FOB RDM VS I | 0 | 0 | - | 0.45 | -100.0% | 0 | 0 | -100.0% |
| TENNESSEE 800 LEG NG BASI | 64 | 0 | - | 0 | - | 64 | 10 | 530.0% |
| NEPOOL W CNTR M 5MW D AH | 0 | 0 | - | 0 | - | 0 | 2 | -100.0% |
| DATED TO FRONTLINE BRENT | 99 | 57.33 | 71.8% | 22.73 | 333.4% | 99 | 61 | 62.6% |
| PJM APS ZONE DA PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PJM DPL DA OFF-PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PJM BGE DA PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PJM PPL DA PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PJM EASTERNH DA PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PJM JCPL DA PEAK | 0 | 0 | - | 0 | - | 0 | 30 | -100.0% |
| PJM PSEG DA PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PJM PSEG DA OFF-PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PJM WESTH RT PEAK | 0 | 770.57 | -100.0% | 116.36 | -100.0% | 0 | 874 | -100.0% |
| ALGONQUIN CITYGATES BASIS | 0 | 227.05 | -100.0% | 5.64 | -100.0% | 0 | 31 | -100.0% |
| JET FUEL CARGOES CIF NEW | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| ICE GASOIL BALMO SWAP | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| ULSD 10PPM CIF MED SWAP | 0 | 0 | - | 0.14 | -100.0% | 0 | 0 | -100.0% |
| EUROPE 1% FUEL OIL NWE CA | 6 | 8.57 | -30.6% | 6.86 | -13.3% | 6 | 8 | -23.9% |
| NEW YORK HUB ZONE G PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| GULF COAST NO.6 FUEL OIL | 5,021 | 3,042 | 65.1% | 2,392.73 | 109.9% | 5,021 | 2,564 | 95.9% |
| SINGAPORE FUEL 180CST CAL | 200 | 301.95 | -33.9% | 158.5 | 25.9% | 200 | 204 | -2.3% |
| SINGAPORE FUEL OIL SPREAD | 61 | 45.14 | 34.2% | 16.05 | 277.7% | 61 | 20 | 202.6% |
| NORTHERN ILLINOIS OFF-PEA | 0 | 0.95 | -100.0% | 0 | - | 0 | 1 | -100.0% |
| PJM ATSI ELEC | 0 | 0 | - | 0 | - | 0 | 0 | - |
| SING FUEL | 0 | 0.48 | -100.0% | 0 | - | 0 | 0 | -100.0% |
| EURO-DENOMINATED PETRO PROD | 0 | 1.67 | -100.0% | 0 | - | 0 | 2 | -100.0% |
| DATED BRENT (PLATTS) DAILY SWA | 0 | 0 | - | 0 | - | 0 | 17 | -100.0% |
| GAS EURO-BOB OXY NWE BARGES | 496 | 454.19 | 9.1% | 280.5 | 76.7% | 496 | 320 | 55.0% |
| MINY RBOB GAS | 0 | 0.19 | 31.2% | 0.18 | 37.5% | 0 | 0 | 23.5% |
| RBOB UP-DOWN CALENDAR SWA | 420 | 473.1 | -11.2% | 242.5 | 73.2% | 420 | 411 | 2.2% |
| LA JET FUEL VS NYM NO 2 H | 2 | 9.52 | -79.0% | 3.41 | -41.3% | 2 | 7 | -70.4% |
| ANR OKLAHOMA | 76 | 0 | - | 28.18 | 168.6% | 76 | 43 | 74.1% |
| MICHIGAN BASIS | 0 | 0 | - | 0 | - | 0 | 12 | -100.0% |
| TEXAS EASTERN ZONE M-3 BA | 128 | 165.9 | -22.6% | 58.36 | 120.0% | 128 | 171 | -24.7% |
| PGE&E CITYGATE | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NORTHERN NATURAL GAS VENTU | 51 | 14.67 | 250.8% | 26.82 | 91.8% | 51 | 31 | 67.1% |
| CIG BASIS | 303 | 12.19 | 2388.0% | 92.68 | 227.2% | 303 | 44 | 590.4% |
| PJM DAILY | 0 | 1.81 | -100.0% | 0 | - | 0 | 1 | -100.0% |
| COLUMBIA GULF ONSHORE | 0 | 69.71 | -100.0% | 0 | - | 0 | 68 | -100.0% |
| Tetco STX Basis | 21 | 0 | - | 0 | - | 21 | 0 | 8599.2% |
| Transco Zone 3 Basis | 0 | 0 | - | 2.82 | -100.0% | 0 | 18 | -100.0% |
| GULF COAST GASOLINE CLNDR | 1 | 1.76 | -71.6% | 1.27 | -60.7% | 1 | 6 | -91.3% |
| CENTERPOINT EAST INDEX | 17 | 0 | - | 0 | - | 17 | 1 | 1607.1% |
| GULF COAST ULSD CALENDAR | 66 | 43.14 | 52.3% | 47.45 | 38.4% | 66 | 52 | 26.7% |

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|--------------------------------|-----------------|-----------------|----------|-----------------|---------|-------------------|-------------------|---------|
| Energy Futures | | | | | | | | |
| GASOLINE UP-DOWN (ARGUS) | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| LA CARB DIESEL (OPIS) SWA | 31 | 43.81 | -29.7% | 0 | - | 31 | 44 | -30.7% |
| EURO 3.5% FUEL OIL RDAM B | 51 | 30.86 | 64.3% | 42.59 | 19.0% | 51 | 18 | 177.5% |
| LLS (ARGUS) CALENDAR SWAP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| SINGAPORE GASOIL BALMO | 0 | 70.95 | -100.0% | 4.55 | -100.0% | 0 | 36 | -100.0% |
| EUROPEAN NAPHTHA BALMO | 6 | 12.33 | -53.8% | 5.82 | -2.0% | 6 | 11 | -48.6% |
| GASOIL MINI CALENDAR SWAP | 23 | 8.24 | 184.0% | 10.64 | 120.0% | 23 | 24 | -3.5% |
| NY JET FUEL (ARGUS) VS HEATING | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| MISO 5MW PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NY ULSD (ARGUS) VS HEATING OIL | 413 | 101.19 | 308.0% | 151.23 | 173.0% | 413 | 112 | 268.2% |
| MISO 5MW OFF PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PJM PECO ZONE5MW PEAK CAL MO | 0 | 0 | - | 0 | - | 0 | 0 | - |
| EUROPE 1% FUEL OIL RDAM C | 1 | 1.95 | -61.6% | 0 | - | 1 | 1 | -27.3% |
| SAN JUAN BASIS SWAP | 101 | 0 | - | 16.55 | 508.3% | 101 | 10 | 863.7% |
| SOCAL BASIS SWAP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| GULF COAST JET VS NYM 2 H | 1,361 | 1,724.67 | -21.1% | 634.32 | 114.6% | 1,361 | 1,058 | 28.6% |
| NY HARBOR RESIDUAL FUEL C | 0 | 4.76 | -100.0% | 0 | - | 0 | 2 | -100.0% |
| NYMEX ALUMINUM FUTURES | 0 | 2.38 | -100.0% | 0 | - | 0 | 0 | -100.0% |
| MICHIGAN HUB OFF-PEAK MON | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| EURO 3.5% FUEL OIL SPREAD | 83 | 46.19 | 79.6% | 27.18 | 205.2% | 83 | 31 | 165.6% |
| GASOIL CALENDAR SWAP | 0 | 2.38 | -100.0% | 0.82 | -100.0% | 0 | 2 | -100.0% |
| BRENT FINANCIAL FUTURES | 1,188 | 214.24 | 454.6% | 352.27 | 237.3% | 1,188 | 292 | 307.4% |
| ICE BRENT DUBAI SWAP | 240 | 2.14 | 11099.8% | 27.27 | 780.0% | 240 | 18 | 1253.9% |
| GASOIL CRACK SPREAD CALEN | 393 | 121.14 | 224.5% | 0 | - | 393 | 112 | 252.3% |
| EUROPEAN NAPHTHA CRACK SPR | 473 | 580.86 | -18.5% | 220.86 | 114.2% | 473 | 430 | 10.1% |
| CRUDE OIL | 2,099 | 366.38 | 472.9% | 560.05 | 274.8% | 2,099 | 465 | 351.0% |
| NEPOOL INTR HUB 5MW D AH | 0 | 818.57 | -100.0% | 1,141.82 | -100.0% | 0 | 1,521 | -100.0% |
| NEPOOL SE MASS 5MW D AH P | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PJM DAYTON DA OFF-PEAK | 390 | 11,613.71 | -96.6% | 0 | - | 390 | 2,243 | -82.6% |
| PJM JCPL DA OFF-PEAK | 0 | 0 | - | 0 | - | 0 | 557 | -100.0% |
| PJM WESTH RT OFF-PEAK | 3,293 | 11,800.57 | -72.1% | 172.73 | 1806.4% | 3,293 | 14,323 | -77.0% |
| CHICAGO ETHANOL SWAP | 4,170 | 5,525.05 | -24.5% | 2,324.86 | 79.4% | 4,170 | 4,569 | -8.7% |
| HENRY HUB BASIS SWAP | 372 | 316.38 | 17.5% | 307.41 | 20.9% | 372 | 580 | -36.0% |
| HENRY HUB SWAP | 26,221 | 46,092.71 | -43.1% | 29,246.55 | -10.3% | 26,221 | 25,128 | 4.3% |
| PREM UNL GAS 10PPM RDAM FOB B | 3 | 0.29 | 862.5% | 0.68 | 303.3% | 3 | 0 | 1723.6% |
| PREM UNL GAS 10PPM RDAM FOB S | 2 | 2.81 | -37.7% | 3.73 | -53.0% | 2 | 1 | 23.2% |
| MONT BELVIEU NORMAL BUTANE 5 | 856 | 534.71 | 60.0% | 941.45 | -9.1% | 856 | 695 | 23.2% |
| MONT BELVIEU ETHANE 5 DECIMAL | 555 | 93.1 | 496.4% | 715.68 | -22.4% | 555 | 219 | 153.8% |
| MONT BELVIEU LDH PROPANE 5 DE | 2,675 | 870.67 | 207.2% | 3,794.32 | -29.5% | 2,675 | 1,683 | 58.9% |
| SINGAPORE 180CST BALMO | 3 | 3.57 | -28.6% | 2.82 | -9.5% | 3 | 3 | -24.8% |
| PJM APS ZONE DA OFF-PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| GRP THREE UNL GS (PLT) VS | 49 | 144.05 | -65.7% | 56.59 | -12.7% | 49 | 71 | -30.5% |
| JET BARGES VS ICE GASOIL | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| SINGAPORE GASOIL VS ICE | 18 | 224.38 | -92.2% | 34.09 | -48.7% | 18 | 164 | -89.3% |
| NATURAL GAS PEN SWP | 16,813 | 34,916 | -51.8% | 15,423.55 | 9.0% | 16,813 | 17,765 | -5.4% |
| WESTERN RAIL DELIVERY PRB | 282 | 207.62 | 35.8% | 108.64 | 159.6% | 282 | 142 | 98.9% |
| EUROPE DATED BRENT SWAP | 163 | 126.19 | 28.9% | 0 | - | 163 | 115 | 41.1% |
| SINGAPORE JET KERO GASOIL | 18 | 80.95 | -78.4% | 65.91 | -73.4% | 18 | 72 | -75.8% |
| TETCO M-3 INDEX | 0 | 24 | -100.0% | 0 | - | 0 | 31 | -100.0% |

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|---------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Energy Futures | | | | | | | | |
| PJM AECO DA PEAK | 0 | 0 | - | 0 | - | 0 | 27 | -100.0% |
| GASOIL 10PPM CARGOES CIF | 0 | 0.14 | -100.0% | 0 | - | 0 | 0 | -100.0% |
| PREMIUM UNLD 10PPM CARGOE | 0 | 0.29 | -100.0% | 0 | - | 0 | 0 | -100.0% |
| WAHA BASIS | 143 | 92.57 | 54.9% | 328.36 | -56.3% | 143 | 111 | 29.4% |
| LA JET (OPIS) SWAP | 21 | 53.57 | -60.3% | 0 | - | 21 | 28 | -22.9% |
| NY HARBOR 1% FUEL OIL BAL | 0 | 10.48 | -100.0% | 4.55 | -100.0% | 0 | 4 | -100.0% |
| GASOIL 10PPM VS ICE SWAP | 19 | 2.71 | 583.4% | 7.23 | 156.7% | 19 | 5 | 299.5% |
| NY H OIL PLATTS VS NYMEX | 18 | 13.1 | 33.6% | 0 | - | 18 | 22 | -20.4% |
| PJM PEPKO DA OFF-PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NYISO ZONE G 5MW D AH O P | 0 | 1,020.95 | -100.0% | 424 | -100.0% | 0 | 492 | -100.0% |
| EUROPEAN GASOIL (ICE) | 663 | 0 | - | 130.09 | 409.4% | 663 | 24 | 2664.7% |
| ULSD UP-DOWN BALMO SWP | 101 | 145.95 | -30.8% | 131.82 | -23.4% | 101 | 79 | 27.7% |
| JET FUEL UP-DOWN BALMO CL | 188 | 187.62 | 0.3% | 61.82 | 204.5% | 188 | 122 | 54.3% |
| EIA FLAT TAX ONHWAY DIESE | 44 | 30.62 | 43.0% | 23.18 | 88.9% | 44 | 35 | 23.4% |
| NY 2.2% FUEL OIL (PLATTS | 0 | 0 | - | 20.82 | -100.0% | 0 | 5 | -100.0% |
| BRENT CFD(PLATTS) VS FRNT | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| HEATING OIL BALMO CLNDR S | 0 | 3.57 | -100.0% | 0 | - | 0 | 2 | -100.0% |
| INDIANA MISO | 53 | 2.1 | 2443.9% | 475.05 | -88.8% | 53 | 701 | -92.4% |
| PETROLEUM PRODUCTS ASIA | 76 | 119.52 | -36.1% | 98.27 | -22.3% | 76 | 88 | -12.9% |
| AUSTRIALIAN COKE COAL | 12 | 9.14 | 30.7% | 10 | 19.5% | 12 | 15 | -21.0% |
| PETROLEUM PRODUCTS | 10 | 9.48 | 2.4% | 9.36 | 3.6% | 10 | 15 | -36.5% |
| COAL SWAP | 50 | 39.52 | 27.4% | 30.27 | 66.3% | 50 | 113 | -55.5% |
| TC2 ROTTERDAM TO USAC 37K | 1 | 0.71 | -9.0% | 0 | - | 1 | 1 | -34.5% |
| NYISO A OFF-PEAK | 0 | 0 | - | 2.73 | -100.0% | 0 | 10 | -100.0% |
| NYISO G OFF-PEAK | 0 | 2.38 | -100.0% | 2.73 | -100.0% | 0 | 2 | -100.0% |
| ISO NEW ENGLAND OFF-PEAK | 0 | 5.71 | -100.0% | 0 | - | 0 | 4 | -100.0% |
| SINGAPORE 380CST FUEL OIL | 296 | 212.19 | 39.6% | 110.05 | 169.2% | 296 | 149 | 98.8% |
| SINGAPORE JET KEROSENE SW | 105 | 320.38 | -67.1% | 64.91 | 62.3% | 105 | 205 | -48.7% |
| SINGAPORE NAPHTHA SWAP | 3 | 14.29 | -82.5% | 0 | - | 3 | 7 | -62.4% |
| FLORIDA GAS ZONE3 BASIS S | 428 | 0 | - | 77.82 | 450.0% | 428 | 14 | 2853.3% |
| TRANSCO ZONE4 BASIS SWAP | 931 | 0 | - | 95.59 | 873.8% | 931 | 52 | 1685.6% |
| ANR LOUISIANA BASIS SWAP | 21 | 0 | - | 0 | - | 21 | 0 | - |
| CINERGY HUB OFF-PEAK MONT | 0 | 1.9 | -100.0% | 0 | - | 0 | 1 | -100.0% |
| DUBAI CRUDE OIL CALENDAR | 94 | 116.19 | -19.0% | 6.82 | 1280.1% | 94 | 88 | 6.9% |
| PANHANDLE BASIS SWAP FUTU | 435 | 49.67 | 776.3% | 327.77 | 32.8% | 435 | 173 | 151.3% |
| SONAT BASIS SWAP FUTURE | 128 | 0 | - | 16.36 | 684.7% | 128 | 25 | 422.9% |
| DIESEL 10P BRG FOB RDM VS | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| FUEL OIL NWE CRACK VS ICE | 10 | 12.14 | -17.2% | 0 | - | 10 | 8 | 30.2% |
| EUROPE 3.5% FUEL OIL RDAM | 763 | 442.71 | 72.3% | 458.14 | 66.5% | 763 | 386 | 97.5% |
| GULF COAST 3% FUEL OIL BA | 147 | 32.43 | 352.5% | 71.82 | 104.3% | 147 | 62 | 135.0% |
| NY1% VS GC SPREAD SWAP | 73 | 290.14 | -74.9% | 144.77 | -49.7% | 73 | 209 | -65.1% |
| GASOIL 0.1 CIF NWE VS ISE | 7 | 0.48 | 1422.5% | 0 | - | 7 | 0 | 3787.4% |
| JET CIF NWE VS ICE | 14 | 2.9 | 364.7% | 2.68 | 403.4% | 14 | 6 | 121.9% |
| EUROPE JET KERO NWE CALSW | 5 | 0.57 | 818.8% | 0 | - | 5 | 0 | 1011.8% |
| JAPAN NAPHTHA BALMO SWAP | 3 | 8.81 | -65.9% | 2.95 | 1.5% | 3 | 3 | -10.5% |
| ARGUS PROPAN(SAUDI ARAMCO | 30 | 58.1 | -48.3% | 38.55 | -22.0% | 30 | 40 | -25.7% |
| NYISO G | 0 | 0 | - | 14.59 | -100.0% | 0 | 6 | -100.0% |
| NYISO J | 4 | 2.05 | 114.9% | 4 | 10.0% | 4 | 21 | -78.6% |
| NGPL MID-CONTINENT | 274 | 0 | - | 167.14 | 63.6% | 274 | 29 | 852.8% |

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|----------------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Energy Futures | | | | | | | | |
| TENNESSEE 500 LEG NG INDE | 0 | 0 | - | 0 | - | 0 | 0 | - |
| BRENT BALMO SWAP | 15 | 21.9 | -30.8% | 10.23 | 48.1% | 15 | 13 | 13.0% |
| HENRY HUB SWING FUTURE | 0 | 0 | - | 0 | - | 0 | 4 | -100.0% |
| EUROPE NAPHTHA CALSWAP | 110 | 96.81 | 13.9% | 65.14 | 69.3% | 110 | 85 | 30.2% |
| NY HARBOR RESIDUAL FUEL 1 | 295 | 505.76 | -41.8% | 155.95 | 88.9% | 295 | 290 | 1.5% |
| PERMIAN BASIS SWAP | 32 | 0 | - | 90.27 | -64.4% | 32 | 52 | -38.5% |
| JAPAN C&F NAPHTHA CRACK S | 13 | 0 | - | 12 | 4.2% | 13 | 6 | 111.7% |
| EMMISSIONS | 0 | 0 | - | 20.5 | -100.0% | 0 | 2 | -100.0% |
| NATURAL GAS INDEX | 0 | 8 | -100.0% | 0 | - | 0 | 3 | -100.0% |
| PETRO CRCKS & SPRDS ASIA | 19 | 0 | - | 9.64 | 92.0% | 19 | 9 | 115.5% |
| NYISO CAPACITY | 39 | 5.9 | 560.5% | 8.18 | 376.7% | 39 | 12 | 222.1% |
| GASOIL 0.1 ROTTERDAM BARG | 0 | 0.48 | -100.0% | 0 | - | 0 | 0 | -100.0% |
| GASOIL 0.1 CIF VS ICE GAS | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| GRP THREE ULSD(PLT)VS HEA | 198 | 342.24 | -42.2% | 157.41 | 25.8% | 198 | 235 | -15.9% |
| GASOIL 0.1CIF MED VS ICE | 2 | 8.62 | -82.6% | 0 | - | 2 | 1 | 10.8% |
| PJM DPL DA PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PJM AECO DA OFF-PEAK | 0 | 0 | - | 0 | - | 0 | 502 | -100.0% |
| PJM PPL DA OFF-PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| PJM DAYTON DA PEAK | 0 | 657.1 | -100.0% | 0 | - | 0 | 128 | -100.0% |
| PREMIUM UNLEAD 10PPM FOB | 1 | 3.05 | -52.4% | 5.36 | -73.0% | 1 | 5 | -71.4% |
| PJM WESTH DA OFF-PEAK | 0 | 1,486.29 | -100.0% | 0 | - | 0 | 4,927 | -100.0% |
| PJM PEPCO DA PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| GASOIL 0.1 RDAM BRGS VS I | 1 | 30.86 | -95.9% | 4.77 | -73.8% | 1 | 4 | -64.7% |
| GASOIL 10P CRG CIF NW VS | 1 | 0.24 | 425.0% | 0.91 | 37.5% | 1 | 0 | 235.1% |
| PJM WESTHDA PEAK | 0 | 57.38 | -100.0% | 0 | - | 0 | 281 | -100.0% |
| NEPOOL MAINE 5MW D AH PK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NEPOOL RHODE IL 5MW D AH | 0 | 0 | - | 640.36 | -100.0% | 0 | 1,450 | -100.0% |
| CHICAGO UNL GAS PL VS RBO | 2 | 0 | - | 0 | - | 2 | 1 | 85.3% |
| NEPOOL MAINE 5MW D AH O E | 0 | 0 | - | 0 | - | 0 | 15 | -100.0% |
| NYISO ZONE A 5MW D AH O P | 11,414 | 6,218.67 | 83.6% | 0 | - | 11,414 | 1,070 | 966.8% |
| CIN HUB 5MW D AH O PK | 4,700 | 83.81 | 5508.0% | 0 | - | 4,700 | 1,778 | 164.3% |
| PJM COMED 5MW D AH O PK | 0 | 502.86 | -100.0% | 0 | - | 0 | 98 | -100.0% |
| TRANSCO ZONE 1 NG BASIS | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| PJM DUQUESNE 5MW D AH PK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NYISO ZONE A 5MW D AH PK | 209 | 85.95 | 142.9% | 0 | - | 209 | 62 | 237.0% |
| SOUTH STAR TEX OKLHM KNS | 0 | 0 | - | 0 | - | 0 | 3 | -100.0% |
| NY 3.0% FUEL OIL (PLATTS | 14 | 15.48 | -11.2% | 2.27 | 505.0% | 14 | 9 | 45.3% |
| ARGUS LLS VS. WTI (ARG) T | 155 | 316.57 | -50.9% | 35 | 343.9% | 155 | 255 | -39.1% |
| NO 2 UP-DOWN SPREAD CALEN | 13 | 4.76 | 162.5% | 4.55 | 175.0% | 13 | 9 | 44.8% |
| PROPANE NON-LDH MT. BEL (OPIS) | 220 | 20.71 | 961.1% | 171.86 | 27.9% | 220 | 87 | 152.6% |
| PROPANE NON-LDH MB (OPIS) BAL | 13 | 0 | - | 4.55 | 175.0% | 13 | 2 | 556.2% |
| JET AV FUEL (P) CAR FM ICE GAS S | 1 | 0.95 | -47.5% | 0 | - | 1 | 1 | -55.0% |
| SINGAPORE MOGAS 92 UNLEADED | 568 | 275.52 | 106.0% | 622.05 | -8.8% | 568 | 713 | -20.4% |
| NY JET FUEL (PLATTS) HEAT OIL SV | 36 | 125.71 | -71.4% | 57.95 | -37.9% | 36 | 127 | -71.7% |
| SINGAPORE MOGAS 92 UNLEADED | 39 | 13.1 | 199.7% | 28.41 | 38.2% | 39 | 28 | 38.8% |
| ETHANOL T2 FOB ROTT INCL DUTY | 126 | 101.05 | 24.4% | 71.5 | 75.8% | 126 | 87 | 44.7% |
| PJM WES HUB PEAK LMP 50 M | 0 | 7.19 | -100.0% | 0 | - | 0 | 1 | -100.0% |
| FUEL OIL (PLATS) CAR CM | 6 | 0.24 | 2419.9% | 0 | - | 6 | 1 | 514.6% |
| FUEL OIL (PLATS) CAR CN | 0 | 1 | -75.0% | 3.95 | -93.7% | 0 | 1 | -73.5% |

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|--------------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Energy Futures | | | | | | | | |
| GROUP THREE ULSD (PLATTS) | 10 | 14.81 | -32.5% | 0.45 | 2100.2% | 10 | 2 | 431.6% |
| MICHIGAN MISO | 4,955 | 0 | - | 0 | - | 4,955 | 1,282 | 286.4% |
| INDONESIAN COAL | 19 | 43.57 | -55.8% | 29.09 | -33.8% | 19 | 58 | -67.0% |
| ETHANOL FWD | 44 | 94.9 | -54.1% | 43 | 1.4% | 44 | 64 | -32.4% |
| CRUDE OIL TRADE AT MARKER SIN | 0 | 0 | - | 0 | - | 0 | 0 | - |
| TRANSCO ZONE 6 INDEX | 2 | 37.86 | -95.2% | 1.82 | -1.0% | 2 | 3 | -48.2% |
| EURO 3.5% FUEL OIL M CRK | 0 | 4.52 | -100.0% | 0 | - | 0 | 1 | -100.0% |
| DIESEL 10PPM BARGES FOB B | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| ULSD 10PPM CIF NW BALMO S | 0 | 0 | - | 0 | - | 0 | 0 | - |
| TCO NG INDEX SWAP | 0 | 0 | - | 0 | - | 0 | 15 | -100.0% |
| NY HARBOR LOW SULPUR GASOIL 1 | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| NY HARBOR LOW SULPUR GAS 100C | 0 | 0 | - | 3.41 | -100.0% | 0 | 27 | -100.0% |
| DIESEL 10PPM BARG VS ICE LS | 0 | 0.29 | -100.0% | 0 | - | 0 | 0 | -100.0% |
| EU LOW SULPHUR GASOIL CRACK | 0 | 0 | - | 175.95 | -100.0% | 0 | 43 | -100.0% |
| NAT GAS BASIS SWAP | 0 | 0 | - | 0 | - | 0 | 30 | -100.0% |
| CANADIAN LIGHT SWEET OIL | 8 | 21.43 | -65.0% | 6.82 | 10.0% | 8 | 10 | -21.2% |
| MINI RBOB V. EBOBARG NWE BRGS | 37 | 20.95 | 76.6% | 18.5 | 100.0% | 37 | 26 | 42.2% |
| MINI GAS EUROBOB OXY NWE ARG | 22 | 17.29 | 27.6% | 20.36 | 8.3% | 22 | 28 | -22.2% |
| 3.5% FUEL OIL CIF BALMO S | 5 | 0 | - | 0 | - | 5 | 0 | 1034.1% |
| MINI RBOB V. EBOB(ARGUS) NWE B | 42 | 8.1 | 416.4% | 16.73 | 149.9% | 42 | 22 | 92.6% |
| DEMARCO INDEX FUTURE | 0 | 0 | - | 0 | - | 0 | 3 | -100.0% |
| ELECTRICITY ERCOT PEAK | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| CRUDE OIL LAST DAY | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |

Energy Options

| | | | | | | | | |
|------------------------------|---------|------------|---------|-----------|---------|---------|--------|---------|
| PETRO OUTRIGHT EURO | 0 | 3.57 | -100.0% | 0.45 | -100.0% | 0 | 5 | -100.0% |
| PETROCHEMICALS | 45 | 203.1 | -77.7% | 135.95 | -66.7% | 45 | 137 | -66.9% |
| ISO NEW ENGLAND PK LMP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| NATURAL GAS OPTION ON CALEND | 200 | 40.95 | 388.4% | 17.64 | 1034.0% | 200 | 56 | 258.3% |
| ELEC MISO PEAK | 0 | 0 | - | 0 | - | 0 | 0 | - |
| HENRY HUB FINANCIAL LAST | 163 | 65.29 | 149.7% | 275.91 | -40.9% | 163 | 261 | -37.5% |
| NATURAL GAS PHY | 102,337 | 188,007.05 | -45.6% | 88,017.73 | 16.3% | 102,337 | 97,460 | 5.0% |
| CRUDE OIL OUTRIGHTS | 0 | 0 | - | 0 | - | 0 | 24 | -100.0% |
| ELECTRICITY OFF PEAK | 0 | 217.33 | -100.0% | 0 | - | 0 | 18 | -100.0% |
| ELEC FINSETTLED | 0 | 10.24 | -99.5% | 1.09 | -95.4% | 0 | 6 | -99.1% |
| APPALACHIAN COAL | 2 | 0 | - | 0 | - | 2 | 3 | -40.4% |
| EUROPEAN JET KEROSENE NWE (P | 0 | 0 | - | 0 | - | 0 | 0 | - |
| HEATING OIL PHY | 2,432 | 3,591.33 | -32.3% | 2,801.91 | -13.2% | 2,432 | 3,151 | -22.8% |
| PJM MONTHLY | 0 | 1.9 | -100.0% | 0 | - | 0 | 0 | -100.0% |
| NY HARBOR HEAT OIL SWP | 863 | 1,464.62 | -41.1% | 1,710.68 | -49.6% | 863 | 1,143 | -24.5% |
| BRENT CALENDAR SWAP | 2,745 | 3,831.95 | -28.4% | 1,732.14 | 58.5% | 2,745 | 1,643 | 67.1% |
| NATURAL GAS 3 M CSO FIN | 20 | 176.19 | -88.6% | 36.36 | -45.0% | 20 | 269 | -92.6% |
| RBOB PHY | 1,499 | 2,025.71 | -26.0% | 1,967.68 | -23.8% | 1,499 | 1,643 | -8.8% |
| PGE CITYGATE PIPE SWAP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| SAN JUAN PIPE SWAP | 0 | 0 | - | 0 | - | 0 | 13 | -100.0% |
| NATURAL GAS 2 M CSO FIN | 0 | 0 | - | 22.73 | -100.0% | 0 | 8 | -100.0% |
| SINGAPORE JET FUEL CALEND | 0 | 28.57 | -100.0% | 0 | - | 0 | 11 | -100.0% |
| WTI-BRENT BULLET SWAP | 2,010 | 1,775.71 | 13.2% | 238.64 | 742.3% | 2,010 | 2,201 | -8.7% |

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|-------------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Energy Options | | | | | | | | |
| BRENT 1 MONTH CAL | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| WTI 12 MONTH CALENDAR OPT | 0 | 0 | - | 0 | - | 0 | 350 | -100.0% |
| CRUDE OIL APO | 11,419 | 3,718.57 | 207.1% | 3,809.95 | 199.7% | 11,419 | 3,529 | 223.6% |
| WTI CRUDE OIL 1 M CSO FI | 11,885 | 5,011.9 | 137.1% | 5,843.18 | 103.4% | 11,885 | 5,758 | 106.4% |
| NATURAL GAS 6 M CSO FIN | 159 | 622.62 | -74.5% | 31.82 | 398.9% | 159 | 165 | -4.0% |
| RBOB CALENDAR SWAP | 1 | 624.76 | -99.9% | 17.73 | -96.6% | 1 | 393 | -99.8% |
| CRUDE OIL PHY | 186,447 | 111,565.52 | 67.1% | 181,286.32 | 2.8% | 186,447 | 125,065 | 49.1% |
| RBOB 1MO CAL SPD OPTIONS | 0 | 34.52 | -100.0% | 0 | - | 0 | 10 | -100.0% |
| MCCLOSKEY ARA ARGS COAL | 180 | 19.29 | 833.3% | 27.27 | 560.0% | 180 | 107 | 68.3% |
| MCCLOSKEY RCH BAY COAL | 60 | 7.14 | 740.0% | 109.09 | -45.0% | 60 | 26 | 131.2% |
| N ROCKIES PIPE SWAP | 0 | 0 | - | 27.27 | -100.0% | 0 | 61 | -100.0% |
| SOCAL PIPE SWAP | 0 | 0 | - | 0 | - | 0 | 12 | -100.0% |
| ETHANOL SWAP | 234 | 371.86 | -37.2% | 313.23 | -25.5% | 234 | 473 | -50.7% |
| SHORT TERM NATURAL GAS | 133 | 46.43 | 185.4% | 117.05 | 13.2% | 133 | 88 | 49.9% |
| SHORT TERM CRUDE OIL | 0 | 0 | - | 36.36 | -100.0% | 0 | 3 | -100.0% |
| BRENT OIL LAST DAY | 929 | 1,049 | -11.4% | 1,571.14 | -40.8% | 929 | 1,374 | -32.3% |
| SINGAPORE GASOIL CALENDAR | 0 | 0 | - | 0 | - | 0 | 1 | -100.0% |
| SINGAPORE FUEL OIL 180 CS | 0 | 0 | - | 0 | - | 0 | 0 | - |
| DAILY CRUDE OIL | 70 | 0 | - | 90.91 | -23.0% | 70 | 150 | -53.5% |
| EURO-DENOMINATED PETRO PROD | 0 | 18.57 | -100.0% | 0 | - | 0 | 3 | -100.0% |
| GASOIL CRACK SPREAD AVG PRICE | 0 | 0 | - | 0 | - | 0 | 3 | -100.0% |
| HO 1 MONTH CLNDR OPTIONS | 0 | 223.81 | -100.0% | 59.09 | -100.0% | 0 | 87 | -100.0% |
| CRUDE OIL 1MO | 16,598 | 8,035.71 | 106.6% | 4,737.5 | 250.4% | 16,598 | 8,182 | 102.9% |
| ROTTERDAM 3.5%FUEL OIL CL | 2 | 46.67 | -95.2% | 40.91 | -94.5% | 2 | 21 | -89.5% |
| NATURAL GAS SUMMER STRIP | 0 | 0 | - | 0 | - | 0 | 0 | - |
| CRUDE OIL CALNDR STRIP | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| PJM CALENDAR STRIP | 10 | 70.48 | -85.8% | 58.18 | -82.8% | 10 | 39 | -74.5% |
| SHORT TERM | 29 | 32.14 | -9.8% | 40 | -27.5% | 29 | 56 | -48.4% |
| COAL SWAP | 85 | 7.38 | 1044.8% | 38.18 | 121.3% | 85 | 15 | 455.3% |
| WTI 6 MONTH CALENDAR OPTI | 0 | 0 | - | 0 | - | 0 | 36 | -100.0% |
| NATURAL GAS 5 M CSO FIN | 0 | 4.76 | -100.0% | 2.27 | -100.0% | 0 | 3 | -100.0% |
| NYMEX EUROPEAN GASOIL APO | 10 | 0 | - | 6.09 | 67.5% | 10 | 1 | 859.1% |
| COAL API2 INDEX | 729 | 9.52 | 7554.4% | 15.23 | 4687.5% | 729 | 33 | 2134.9% |
| COAL API4 INDEX | 18 | 0 | - | 22.73 | -23.0% | 18 | 7 | 164.1% |
| NATURAL GAS 1 M CSO FIN | 5,925 | 21,131.95 | -72.0% | 3,677.14 | 61.1% | 5,925 | 3,504 | 69.1% |
| WTI CRUDE OIL 12 M CSO F | 0 | 0 | - | 0 | - | 0 | 16 | -100.0% |
| PJM ELECTRIC | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| GASOLINE | 0 | 0 | - | 0 | - | 0 | 3 | -100.0% |

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|---------------------------------|-----------------|-----------------|---------|-----------------|---------|-------------------|-------------------|---------|
| Metals Futures | | | | | | | | |
| IRON ORE CHINA | 0 | 0 | - | 0.91 | -100.0% | 0 | 0 | -100.0% |
| PALLADIUM | 4,989 | 4,166.76 | 19.7% | 3,289.82 | 51.7% | 4,989 | 6,246 | -20.1% |
| NYMEX IRON ORE FUTURES | 113 | 176.43 | -36.1% | 44.09 | 155.7% | 113 | 99 | 13.7% |
| NYMEX PLATINUM | 12,151 | 10,355.48 | 17.3% | 16,388.27 | -25.9% | 12,151 | 12,841 | -5.4% |
| NYMEX HOT ROLLED STEEL | 155 | 188.24 | -17.8% | 161.64 | -4.2% | 155 | 191 | -19.1% |
| URANIUM | 9 | 26.86 | -65.4% | 16.73 | -44.4% | 9 | 14 | -32.1% |
| COMEX SILVER | 48,975 | 43,572.62 | 12.4% | 43,851.77 | 11.7% | 48,975 | 54,353 | -9.9% |
| COMEX GOLD | 225,397 | 178,802.05 | 26.1% | 150,348.18 | 49.9% | 225,397 | 160,789 | 40.2% |
| COMEX MINY GOLD | 453 | 224.43 | 101.8% | 325.18 | 39.3% | 453 | 204 | 121.6% |
| COMEX COPPER | 68,813 | 49,996.62 | 37.6% | 42,170.32 | 63.2% | 68,813 | 57,902 | 18.8% |
| COMEX MINY COPPER | 103 | 25.76 | 300.8% | 23.95 | 331.0% | 103 | 45 | 130.2% |
| E-MINI SILVER | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| COMEX MINY SILVER | 56 | 37.67 | 49.1% | 31.73 | 77.0% | 56 | 48 | 16.4% |
| COPPER | 34 | 6.71 | 404.1% | 41.77 | -19.0% | 34 | 51 | -33.5% |
| E-MICRO GOLD | 1,851 | 1,270.71 | 45.7% | 1,371.41 | 35.0% | 1,851 | 1,098 | 68.5% |
| SILVER | 692 | 498.81 | 38.7% | 562.82 | 22.9% | 692 | 569 | 21.6% |
| FERROUS PRODUCTS | 0 | 0 | - | 3.18 | -100.0% | 0 | 1 | -100.0% |
| IRON ORE | 3 | 0 | - | 0 | - | 3 | 0 | 530.0% |
| Aluminium MW Trans Prem Platts | 146 | 11 | 1224.5% | 43.05 | 238.5% | 146 | 22 | 576.1% |
| ALUMINUM | 24 | 0 | - | 16.45 | 44.9% | 24 | 24 | 0.3% |
| Metals Options | | | | | | | | |
| IRON ORE CHINA | 152 | 16.1 | 844.4% | 24.55 | 519.3% | 152 | 54 | 184.1% |
| PALLADIUM | 308 | 144.9 | 112.4% | 124.45 | 147.4% | 308 | 546 | -43.6% |
| NYMEX PLATINUM | 310 | 687.57 | -54.9% | 160.77 | 92.9% | 310 | 573 | -45.9% |
| NYMEX HOT ROLLED STEEL | 0 | 0 | - | 0 | - | 0 | 0 | - |
| COMEX SILVER | 8,339 | 8,141.52 | 2.4% | 5,664.77 | 47.2% | 8,339 | 7,356 | 13.4% |
| SHORT TERM GOLD | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| COMEX GOLD | 36,713 | 32,783.1 | 12.0% | 28,490.14 | 28.9% | 36,713 | 33,393 | 9.9% |
| COMEX COPPER | 99 | 84.76 | 16.7% | 32.5 | 204.5% | 99 | 83 | 18.6% |
| SHORT TERM | 0 | 0 | - | 0 | - | 0 | 0 | -100.0% |
| SILVER | 48 | 0 | - | 73.18 | -33.8% | 48 | 23 | 107.0% |
| GOLD | 174 | 0 | - | 78.68 | 121.5% | 174 | 90 | 92.9% |
| Foreign Exchange Futures | | | | | | | | |
| CHILEAN PESO | 1 | 0 | - | 1.36 | -63.3% | 1 | 0 | 215.1% |
| Ags Futures | | | | | | | | |
| PALM OIL | 0 | 0 | - | 5.45 | -100.0% | 0 | 1 | -100.0% |

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

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| | ADV JAN 2015 | ADV JAN 2014 | % CHG | ADV DEC 2015 | % CHG | ADV Y.T.D 2015 | ADV Y.T.D 2014 | % CHG |
|------------------------------------|-------------------|----------------------|--------------|----------------------|--------------|----------------------|----------------------|--------------|
| TOTAL FUTURES GROUP | | | | | | | | |
| Interest Rate Futures | 5,954,342 | 4,898,289.05 | 21.6% | 5,187,502.45 | 14.8% | 5,954,342 | 5,561,246 | 7.1% |
| Equity Index Futures | 2,579,715 | 2,129,041.81 | 21.2% | 2,484,540 | 3.8% | 2,579,715 | 2,247,035 | 14.8% |
| Metals Futures | 363,964 | 289,360.14 | 25.8% | 258,691.27 | 40.7% | 363,964 | 294,497 | 23.6% |
| Energy Futures | 1,847,514 | 1,493,945.91 | 23.7% | 1,419,130.55 | 30.2% | 1,847,514 | 1,371,206 | 34.7% |
| FX Futures | 892,283 | 753,925.76 | 18.4% | 872,609.82 | 2.3% | 892,283 | 734,329 | 21.5% |
| Commodities and Alternative Invest | 872,999 | 843,432.67 | 3.5% | 766,170.14 | 13.9% | 872,999 | 888,802 | -1.8% |
| Foreign Exchange Futures | 1 | 0 | - | 1.36 | -63.3% | 1 | 0 | 215.1% |
| Ags Futures | 0 | 0 | - | 5.45 | -100.0% | 0 | 1 | -100.0% |
| TOTAL FUTURES | 12,510,817 | 10,407,995.33 | 20.2% | 10,988,651.05 | 13.9% | 12,510,817.15 | 11,097,116.57 | 12.7% |
| TOTAL OPTIONS GROUP | | | | | | | | |
| Interest Rate Options | 1,731,268 | 1,404,622 | 23.3% | 1,437,197.55 | 20.5% | 1,731,268 | 1,448,188 | 19.5% |
| Equity Index Options | 610,438 | 481,116.33 | 26.9% | 591,649.27 | 3.2% | 610,438 | 516,496 | 18.2% |
| Metals Options | 46,144 | 41,857.95 | 10.2% | 34,649.05 | 33.2% | 46,144 | 42,119 | 9.6% |
| Energy Options | 347,238 | 354,096.14 | -1.9% | 298,937.55 | 16.2% | 347,238 | 257,628 | 34.8% |
| FX Options | 100,954 | 67,925.81 | 48.6% | 83,211.73 | 21.3% | 100,954 | 67,760 | 49.0% |
| Commodities and Alternative Invest | 272,138 | 188,295.05 | 44.5% | 187,014.5 | 45.5% | 272,138 | 232,471 | 17.1% |
| TOTAL OPTIONS | 3,108,178 | 2,537,913.29 | 22.5% | 2,632,659.64 | 18.1% | 3,108,178.35 | 2,564,661.76 | 21.2% |
| TOTAL COMBINED | | | | | | | | |
| Commodities and Alternative Invest | 1,145,137 | 1,031,727.72 | 11.0% | 953,184.64 | 20.1% | 1,145,137 | 1,121,273 | 2.1% |
| FX | 993,237 | 821,851.57 | 20.9% | 955,821.55 | 3.9% | 993,237 | 802,089 | 23.8% |
| Equity Index | 3,190,152 | 2,610,158.14 | 22.2% | 3,076,189.27 | 3.7% | 3,190,152 | 2,763,531 | 15.4% |
| Interest Rate | 7,685,609 | 6,302,911.05 | 21.9% | 6,624,700 | 16.0% | 7,685,609 | 7,009,435 | 9.6% |
| Energy | 2,194,752 | 1,848,042.05 | 18.8% | 1,718,068.09 | 27.7% | 2,194,752 | 1,628,834 | 34.7% |
| Metals | 410,107 | 331,218.1 | 23.8% | 293,340.32 | 39.8% | 410,107 | 336,616 | 21.8% |
| Foreign Exchange | 1 | 0 | - | 1.36 | -63.3% | 1 | 0 | 215.1% |
| Ags | 0 | 0 | - | 5.45 | -100.0% | 0 | 1 | -100.0% |
| GRAND TOTAL | 15,618,996 | 12,945,908.62 | 20.6% | 13,621,310.68 | 14.7% | 15,618,995.5 | 13,661,778.34 | 14.3% |

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