

**CME Group Exchange ADV Report - Monthly**

August 2017

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	ADV AUG 2017	ADV AUG 2016	% CHG	ADV JUL 2017	% CHG	ADV Y.T.D 2017	ADV Y.T.D 2016	% CHG
<b>Commodities and Alternative Investments Futures</b>								
HDD SEASONAL STRIP	0	0	-	0	-	0	0	-
CDD SEASONAL STRIP	0	0	-	0	-	7	9	-30.2%
CDD WEATHER	0	20.65	-100.0%	42.5	-100.0%	156	20	689.5%
HDD WEATHER EUROPEAN	0	0	-	0	-	2	4	-33.3%
HDD WEATHER	0	0	-	0	-	6	3	122.0%
HOUSING INDEX	1	0.22	259.9%	0.3	160.9%	1	0	47.0%
USD CRUDE PALM OIL	0	5.22	-100.0%	3	-100.0%	9	1	1153.3%
CAT EURO SEASONAL STRIP	0	0	-	0	-	0	1	-100.0%
MILK	1,369	1,332.78	2.7%	1,278.2	7.1%	1,324	1,214	9.1%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	0	-100.0%
CASH-SETTLED CHEESE	446	392.96	13.4%	387.2	15.1%	473	510	-7.2%
LIVE CATTLE	50,253	43,081.13	16.6%	74,353.15	-32.4%	65,956	50,182	31.4%
BUTTER CS	178	177.04	0.3%	160.15	10.9%	150	147	1.9%
LUMBER	682	756.39	-9.8%	716.65	-4.8%	775	706	9.7%
DRY WHEY	53	70.3	-25.1%	44.35	18.7%	89	56	59.4%
CLASS IV MILK	49	40.74	19.5%	26.25	85.5%	52	47	10.2%
NFD MILK	242	192.83	25.5%	136.65	77.1%	234	236	-0.9%
GSCI EXCESS RETURN FUT	36	179.35	-80.0%	153.45	-76.6%	1,262	1,018	24.0%
LEAN HOGS	42,435	28,064.26	51.2%	49,062.05	-13.5%	43,648	34,722	25.7%
FEEDER CATTLE	16,661	10,816.52	54.0%	15,006.05	11.0%	14,111	9,796	44.0%
MLK MID	0	0	-	0	-	0	0	-
GOLDMAN SACHS	1,391	1,295.52	7.3%	1,796.65	-22.6%	1,635	1,319	24.0%
COCOA TAS	0	22.48	-100.0%	0	-	0	12	-96.0%
SUGAR 11	0	1	-87.0%	0.25	-47.8%	0	2	-90.0%
COFFEE	0	0.26	-100.0%	0	-	0	1	-72.0%
COTTON	0	3.35	-100.0%	0	-	0	3	-97.3%
MINI WHEAT	311	368.65	-15.6%	426.6	-27.1%	311	320	-2.9%
CORN	404,124	334,979.22	20.6%	425,805.75	-5.1%	385,874	377,992	2.1%
SOYBEAN MEAL	94,956	81,738.39	16.2%	117,804.3	-19.4%	102,338	107,334	-4.7%
SOYBEAN OIL	118,333	103,720.3	14.1%	123,380.2	-4.1%	118,004	113,974	3.5%
ROUGH RICE	1,302	1,573.26	-17.2%	482.9	169.6%	1,119	1,241	-9.9%
DOW-UBS COMMOD INDEX	2,618	901.04	190.6%	2,335.85	12.1%	3,364	1,464	129.9%
MINI SOYBEAN	465	663	-29.9%	1,186.6	-60.8%	771	1,137	-32.2%
WHEAT	362	0	-	1,189.45	-69.6%	710	0	-
OATS	518	830.17	-37.6%	514.6	0.7%	712	966	-26.4%
SOYBEAN	179,664	149,238.83	20.4%	264,372.8	-32.0%	213,450	258,596	-17.5%
MINI CORN	421	463.43	-9.2%	632.65	-33.5%	497	591	-15.8%
FERTILIZER PRODUCTS	92	78.91	16.8%	75	22.9%	77	100	-23.1%
S&P GSCI ENHANCED ER SWAP	0	0	-	0	-	406	311	30.3%
Intercommodity Spread	0	0	-	0	-	0	0	-
KC WHEAT	62,596	50,674.74	23.5%	50,871.6	23.0%	53,891	40,154	34.2%
MALAYSIAN PALM SWAP	226	325.04	-30.6%	283	-20.2%	445	448	-0.8%
DJ_UBS ROLL SELECT INDEX FUTU	0	0	-	0	-	28	10	174.3%
PALM OIL	0	0	-	0	-	0	0	-
CHI WHEAT	147,025	148,272.91	-0.8%	156,059.35	-5.8%	144,721	134,246	7.8%

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<b>Commodities and Alternative Investments Options</b>								
HDD SEASONAL STRIP	326	0	-	0	-	45	0	-
CDD SEASONAL STRIP	0	0	-	0	-	17	174	-90.4%
CDD WEATHER	0	21.74	-100.0%	0	-	280	6	4600.0%
HDD WEATHER EUROPEAN	0	0	-	0	-	9	33	-72.7%
HDD WEATHER	0	0	-	0	-	7	0	-
HOUSING INDEX	0	0	-	0	-	0	0	94.5%
LV CATL CSO	0	0.22	-100.0%	0.5	-100.0%	8	2	398.8%
MILK	1,606	1,562.3	2.8%	1,655.75	-3.0%	1,708	1,312	30.2%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	0	-
CASH-SETTLED CHEESE	286	380.57	-24.8%	278.05	3.0%	330	345	-4.1%
LIVE CATTLE	9,744	13,155.96	-25.9%	8,950.85	8.9%	11,844	17,325	-31.6%
BUTTER CS	95	48.17	96.2%	89.3	5.8%	68	60	14.3%
LUMBER	44	41.3	7.4%	37.2	19.2%	53	44	21.6%
DRY WHEY	3	6.04	-48.9%	47.85	-93.5%	21	5	334.4%
CLASS IV MILK	77	56.91	34.7%	47.1	62.7%	84	46	80.9%
NFD MILK	132	100.48	31.5%	116.7	13.2%	196	160	22.3%
LEAN HOGS	13,849	7,858.35	76.2%	9,453.55	46.5%	9,766	7,853	24.4%
FEEDER CATTLE	1,791	1,708.3	4.8%	1,163.1	53.9%	1,641	1,641	0.0%
MLK MID	0	8.39	-100.0%	0.8	-100.0%	3	3	6.1%
JULY-DEC WHEAT CAL SPRD	0	0	-	0	-	10	198	-95.2%
CORN	102,910	80,045.78	28.6%	164,489.4	-37.4%	107,305	104,032	3.1%
SOYBEAN MEAL	6,396	7,198.48	-11.2%	11,776.95	-45.7%	8,793	10,138	-13.3%
SOYBEAN OIL	8,237	10,129.13	-18.7%	5,649.4	45.8%	8,607	9,617	-10.5%
AUG-NOV SOYBEAN CAL SPRD	0	0	-	2.5	-100.0%	1	0	415.2%
DEC-JULY CORN CAL SPRD	221	476.13	-53.5%	335.2	-33.9%	176	87	103.5%
DEC-DEC CORN CAL SPRD	137	84.48	62.7%	29.35	368.4%	56	106	-47.2%
NOV-JULY SOYBEAN CAL SPRD	23	0	-	0.05	45117.4%	7	0	-
JULY-JULY WHEAT CAL SPRD	0	0	-	0	-	0	3	-100.0%
NOV-NOV SOYBEAN CAL SPRD	0	92.22	-100.0%	2.1	-100.0%	1	17	-95.8%
ROUGH RICE	49	82.04	-40.2%	89.6	-45.2%	97	93	4.8%
WHEAT	0	0	-	0	-	8	0	-
WHEAT-CORN IC SO	3	113.04	-97.3%	3	1.5%	38	53	-28.2%
CORN NEARBY+2 CAL SPRD	254	18.17	1299.8%	52	389.2%	82	181	-54.7%
SOYBN NEARBY+2 CAL SPRD	0	0	-	0	-	6	2	202.0%
WHEAT NEARBY+2 CAL SPRD	164	423.74	-61.3%	30	447.1%	68	246	-72.5%
SOYMEAL NEARBY+2 CAL SPRD	0	0	-	0	-	0	23	-100.0%
JULY-DEC CORN CAL SPRD	0	69.57	-100.0%	0	-	104	219	-52.6%
DEC-JULY WHEAT CAL SPRD	10	4.35	125.0%	0	-	1	1	125.0%
JULY-NOV SOYBEAN CAL SPRD	0	1.3	-100.0%	0	-	422	363	16.3%
OATS	79	73.7	7.0%	67.35	17.1%	63	60	3.5%
SOYBEAN	76,786	59,562.22	28.9%	108,290.35	-29.1%	71,178	91,703	-22.4%
JULY-DEC SOY OIL CAL SPRD	0	0	-	0	-	4	0	-
SOYBEAN CRUSH	2	6.74	-77.4%	2.75	-44.7%	3	27	-88.2%
AUG-DEC SOYBEAN MEAL CSO	0	0	-	0	-	0	0	-100.0%
Intercommodity Spread	0	0	-	0	-	4	20	-79.4%
KC WHEAT	2,352	1,333.74	76.4%	2,680.5	-12.3%	2,504	1,664	50.5%
MAR-JULY WHEAT CAL SPRD	0	0	-	0	-	8	10	-17.0%
MAR-JULY CORN CAL SPRD	0	0	-	0	-	0	14	-100.0%
CHI WHEAT	29,922	25,418.39	17.7%	41,972.25	-28.7%	33,861	30,451	11.2%

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<b>FX Futures</b>								
TURKISH LIRA	91	0	-	23.2	291.5%	81	0	168937.5%
JAPANESE YEN	147,759	96,775.3	52.7%	140,990.45	4.8%	160,470	142,513	12.6%
KOREAN WON	0	0.26	33.3%	0.3	15.9%	1	1	85.5%
CD/JY CROSS RATES	13	0	-	3.3	295.3%	6	0	9783.9%
CANADIAN DOLLAR	65,996	61,231.39	7.8%	82,096.4	-19.6%	73,562	73,228	0.5%
AD/NE CROSS RATES	4	1.52	188.6%	13.15	-66.6%	5	4	30.3%
BRITISH POUND	92,379	80,657.65	14.5%	99,595.9	-7.2%	114,070	111,100	2.7%
RUSSIAN RUBLE	2,386	1,365.35	74.8%	1,452.45	64.3%	2,393	1,560	53.5%
SWISS FRANC	29,908	18,190.09	64.4%	30,168.2	-0.9%	26,256	21,950	19.6%
NEW ZEALND DOLLAR	22,319	19,618.83	13.8%	22,086.3	1.1%	23,749	21,499	10.5%
BP/JY CROSS RATES	154	84.61	82.4%	107.9	43.0%	139	89	55.7%
SHEKEL	10	0	-	0	-	1	0	-
E-MICRO USD/CAD	0	0	-	0	-	0	0	-100.0%
E-MICRO GBP/USD	1,593	4,481.52	-64.5%	1,588.9	0.2%	2,737	3,616	-24.3%
E-MICRO USD/CHF	0	0	-	0	-	0	0	-100.0%
E-MICRO EUR/USD	12,255	8,017.7	52.8%	8,836.2	38.7%	12,092	13,545	-10.7%
E-MICRO USD/JPY	0	0	-	0	-	0	0	-100.0%
E-MICRO AUD/USD	4,581	5,762.26	-20.5%	4,990.15	-8.2%	4,061	4,765	-14.8%
AUSTRALIAN DOLLAR	89,067	87,627.26	1.6%	96,734.65	-7.9%	90,788	100,800	-9.9%
E-MINI JAPANESE YEN	1,010	1,181.96	-14.5%	1,574.7	-35.9%	1,609	1,645	-2.2%
EFX/JY CROSS RATES	3,247	822.61	294.7%	2,914.75	11.4%	3,142	2,006	56.6%
RMB USD	1	0.96	27.3%	0.9	35.3%	2	17	-90.3%
EFX/BP CROSS RATES	2,488	1,713.3	45.2%	2,601.2	-4.4%	3,341	3,590	-6.9%
EFX/SF CROSS RATES	1,625	868.78	87.1%	2,330.9	-30.3%	1,811	1,663	8.9%
INDIAN RUPEE	1,545	456.83	238.2%	1,180.75	30.8%	1,471	577	155.0%
EC/SEK CROSS RATES	19	1.35	1338.7%	37.75	-48.6%	26	11	138.3%
S.AFRICAN RAND	2,282	926.96	146.2%	3,000.45	-23.9%	2,556	735	247.6%
MEXICAN PESO	35,341	48,881.09	-27.7%	35,589.55	-0.7%	47,399	52,140	-9.1%
EURO FX	203,523	130,201.35	56.3%	222,489.3	-8.5%	212,891	188,668	12.8%
SF/JY CROSS RATES	0	0	-	0	-	0	0	-
EC/CD CROSS RATES	143	60.04	138.8%	175.6	-18.3%	195	110	76.8%
EC/NOK CROSS RATES	14	0	-	8	74.5%	5	0	12532.9%
EC/AD CROSS RATES	45	40.57	11.5%	60.85	-25.7%	159	78	105.0%
BP/SF CROSS RATES	1	0.3	114.3%	2.65	-75.4%	4	2	93.7%
E-MINI EURO FX	4,228	2,111.83	100.2%	4,188.7	0.9%	4,349	3,715	17.1%
MICRO CHF/USD	44	55.91	-20.5%	41.8	6.4%	45	93	-51.6%
POLISH ZLOTY (EC)	1	0.22	260.0%	1.5	-47.8%	2	118	-98.1%
AD/JY CROSS RATES	116	81.04	43.0%	114.25	1.5%	118	204	-42.2%
AD/CD CROSS RATES	0	0	-	7.85	-97.8%	3	0	1373.2%
POLISH ZLOTY (US)	3	101.61	-96.6%	5.7	-39.0%	18	50	-63.4%
SKR/USD CROSS RATES	66	54.91	20.6%	60.15	10.1%	114	83	38.5%
NKR/USD CROSS RATE	64	74.83	-15.1%	103.05	-38.4%	96	75	28.6%
BRAZIL REAL	4,353	3,831.83	13.6%	4,328.25	0.6%	4,218	3,939	7.1%
FCXRX	0	2.52	-100.0%	0	-	37	3	1234.0%
CHINESE RENMINBI (CNH)	61	38.39	59.0%	34.25	78.2%	66	70	-5.0%
USDZAR	0	0	-	0	-	0	0	-100.0%
E-MICRO INR/USD	96	124.57	-23.3%	141.65	-32.6%	121	84	44.1%
E-MICRO USD/CNH	0	0	-	0	-	0	0	-100.0%

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<b>FX Futures</b>								
E-MICRO JPY/USD	1,343	1,246.39	7.7%	1,318.35	1.8%	1,950	1,397	39.6%
E-MICRO CAD/USD	1,076	894.22	20.3%	1,271.45	-15.4%	899	975	-7.8%
<b>FX Options</b>								
AUSTRALIAN DLR (EU)	0	0.96	-100.0%	0	-	0	7	-99.8%
JAPANESE YEN	0	11,885.61	-100.0%	0	-	3,431	15,560	-78.0%
EURO FX (EU)	4	25.48	-84.6%	0.65	502.0%	3	169	-98.5%
CANADIAN DOLLAR	0	4,218.17	-100.0%	0	-	1,136	6,957	-83.7%
BRITISH POUND	0	7,828.39	-100.0%	0	-	2,835	9,930	-71.5%
RUSSIAN RUBLE	0	0	-	0	-	0	8	-100.0%
CANADIAN DOLLAR (EU)	1	0.78	-27.8%	0.6	-5.8%	1	11	-93.8%
SWISS FRANC (EU)	0	0	-	0	-	0	0	-
SWISS FRANC	0	182.91	-100.0%	0	-	34	318	-89.3%
BRITISH POUND (EU)	19	4.35	343.0%	13.9	38.6%	11	54	-80.5%
AUSTRALIAN DOLLAR	0	5,021.74	-100.0%	0	-	1,266	6,626	-80.9%
MEXICAN PESO	10	172.65	-94.1%	22.4	-54.4%	126	126	-0.4%
EURO FX	0	20,979.52	-100.0%	0	-	7,853	34,486	-77.2%
JAPANESE YEN (EU)	0	4.13	-100.0%	2	-100.0%	1	35	-96.9%
CAD/USD PQO 2pm Fix	7,318	25.87	28186.3%	11,817.05	-38.1%	5,902	4	166547.8%
AUD/USD PQO 2pm Fix	6,360	21.57	29391.2%	10,113.5	-37.1%	5,113	3	173085.4%
JPY/USD PQO 2pm Fix	14,855	23.17	64003.3%	15,213.75	-2.4%	12,050	3	379713.3%
CHF/USD PQO 2pm Fix	165	3.13	5176.4%	171.15	-3.5%	117	0	27307.9%
EUR/USD PQO 2pm Fix	46,679	62.57	74508.1%	43,290.35	7.8%	27,502	9	320987.4%
GBP/USD PQO 2pm Fix	10,242	34.83	29310.4%	10,049.35	1.9%	8,386	5	175778.9%

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<b>Equity Index Futures</b>								
E-MINI RUSSELL 2000	19,744	0	-	6,814.3	189.7%	3,514	0	-
E-MINI RUSSELL 1000	166	2.74	5958.8%	105	58.1%	76	23	239.3%
DJ US REAL ESTATE	577	436.26	32.2%	669.5	-13.8%	1,153	794	45.2%
E-MINI NASDAQ 100	325,717	176,488.26	84.6%	276,433.5	17.8%	263,494	265,439	-0.7%
S&P ENERGY SECTOR	576	558.26	3.2%	545.4	5.7%	718	456	57.3%
S&P MATERIALS SECTOR	177	196.96	-10.4%	221.85	-20.4%	352	256	37.4%
S&P FINANCIAL SECTOR	1,040	207.22	401.9%	1,043.1	-0.3%	1,265	539	134.6%
S&P HEALTH CARE SECTOR	559	293.57	90.3%	306.15	82.5%	743	544	36.5%
S&P INDUSTRIAL SECTOR	676	67.83	897.4%	238.9	183.2%	400	338	18.4%
S&P UTILITIES SECTOR	514	1,292	-60.2%	473.55	8.5%	1,085	1,203	-9.8%
S&P TECHNOLOGY SECTOR	254	110.04	131.2%	442.25	-42.5%	420	283	48.8%
S&P CONSUMER DSCRTNRY SECTC	156	154.78	0.6%	222.35	-29.9%	342	499	-31.6%
S&P 500	3,487	4,106.91	-15.1%	2,613.3	33.4%	5,834	8,494	-31.3%
E-MINI MIDCAP	13,392	13,618.17	-1.7%	12,323.5	8.7%	17,449	21,140	-17.5%
NIKKEI 225 (\$) STOCK	9,488	10,082.35	-5.9%	8,545.3	11.0%	12,385	18,869	-34.4%
NIKKEI 225 (YEN) STOCK	36,034	38,453.65	-6.3%	33,197.65	8.5%	42,958	62,071	-30.8%
IBOVESPA INDEX	46	35.48	28.3%	7.6	499.0%	31	33	-4.8%
S&P CONSUMER STAPLES SECTOR	222	868.3	-74.4%	257.8	-13.8%	536	1,340	-60.0%
E-MINI S&P500	1,417,624	1,453,421.7	-2.5%	1,110,671.75	27.6%	1,484,632	1,881,070	-21.1%
S&P 500/VALUE	948	160.26	491.2%	1,276.7	-25.8%	965	552	74.7%
S&P 500 GROWTH	0	0.17	-25.0%	0.3	-56.5%	1	1	-12.0%
MINI \$5 DOW	124,271	114,851.39	8.2%	106,612.8	16.6%	133,888	169,163	-20.9%
FT-SE 100	129	55.13	134.5%	126.45	2.3%	94	83	12.9%
NIFTY 50	695	630.3	10.3%	750.3	-7.3%	505	404	25.0%
E-MINI RUSSELL 1000 GROWTH	448	3.43	12946.8%	81.45	450.2%	102	14	628.7%
E-MINI RUSSELL 1000 VALUE	269	9.74	2658.0%	117.35	128.9%	123	37	230.7%
NASDAQ BIOTECH	4	0	-	2.5	73.9%	13	1	1651.6%
E-MINI S&P REAL ESTATE SELECT S	180	0.13	137703.4%	195.25	-8.0%	249	0	01389265.9%
<b>Equity Index Options</b>								
E-MINI RUSSELL 2000	292	0	-	109.4	167.2%	53	0	-
E-MINI NASDAQ 100	15,679	9,411.87	66.6%	13,848.3	13.2%	10,814	10,638	1.7%
S&P 500	21,028	10,803.57	94.6%	7,396.35	184.3%	15,134	27,866	-45.7%
EOW4 EMINI S&P 500	55,436	45,802.83	21.0%	40,098.3	38.3%	45,078	51,561	-12.6%
EOW2 S&P 500	8,571	5,977.22	43.4%	7,979.9	7.4%	7,884	6,095	29.4%
EOW1 EMINI S&P 500	40,885	51,837.13	-21.1%	45,589.55	-10.3%	51,992	45,784	13.6%
EOW1 S&P 500	3,960	3,474.83	14.0%	6,303.45	-37.2%	4,142	2,767	49.7%
E-MINI MIDCAP	0	0.26	-100.0%	0	-	0	0	-100.0%
EOM S&P 500	8,353	5,140	62.5%	8,195.2	1.9%	8,310	8,152	1.9%
EOM EMINI S&P	90,464	70,154.7	28.9%	67,557.9	33.9%	94,537	74,930	26.2%
EOW2 EMINI S&P 500	60,154	44,867.96	34.1%	41,794.1	43.9%	53,587	46,822	14.4%
E-MINI S&P500	248,078	126,680.3	95.8%	116,852.1	112.3%	197,131	248,391	-20.6%
MINI \$5 DOW	293	168.43	73.7%	296.65	-1.4%	254	578	-55.9%
EOW3 EMINI S&P 500	155,443	129,849.43	19.7%	147,922.8	5.1%	166,963	71,891	132.2%
EOW3 S&P 500	16,314	12,933.91	26.1%	19,326.75	-15.6%	16,753	10,234	63.7%
EOM3 E-MINI S&P 500 END OF MONT	225	0	-	138.05	62.8%	47	0	-

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<b>Interest Rate Futures</b>								
5-YR SWAP RATE	1,022	1,856.91	-45.0%	1,090.75	-6.3%	2,305	2,887	-20.2%
2-YR SWAP RATE	0	0.09	-100.0%	0	-	0	26	-100.0%
10-YR SWAP RATE	1,198	1,449.48	-17.3%	1,223.5	-2.1%	2,231	2,203	1.3%
1-MONTH EURODOLLAR	97	21.91	343.9%	105.25	-7.6%	268	58	362.0%
EURODOLLARS	1,930,153	2,161,180.35	-10.7%	2,026,367.55	-4.7%	2,598,040	2,478,533	4.8%
7-YR SWAP	0	0	-	0	-	0	18	-100.0%
30-YR BOND	331,332	289,357.09	14.5%	233,611.8	41.8%	291,066	277,303	5.0%
5-YR NOTE	1,067,092	1,019,241.13	4.7%	639,212.1	66.9%	918,082	798,665	15.0%
10-YR NOTE	1,699,058	1,508,680.78	12.6%	1,223,822.35	38.8%	1,511,192	1,394,299	8.4%
2-YR NOTE	485,833	389,996.13	24.6%	239,715.55	102.7%	376,145	321,829	16.9%
30-YR SWAP RATE	6	40.65	-85.6%	6.15	-4.6%	56	82	-31.6%
ULTRA T-BOND	189,736	143,599.83	32.1%	88,958.45	113.3%	130,905	113,256	15.6%
FED FUND	135,274	133,890.04	1.0%	140,377.85	-3.6%	209,697	129,784	61.6%
Ultra 10-Year Note	145,849	81,310.87	79.4%	94,936.05	53.6%	107,818	54,866	96.5%

**Interest Rate Options**

EURO MIDCURVE	654,182	279,017.39	134.5%	495,869.85	31.9%	727,447	515,968	41.0%
EURODOLLARS	324,279	569,213	-43.0%	343,569.6	-5.6%	649,976	709,526	-8.4%
30-YR BOND	114,694	63,661.65	80.2%	133,012.85	-13.8%	107,823	81,021	33.1%
5-YR NOTE	108,763	83,744.04	29.9%	96,033.45	13.3%	121,285	97,351	24.6%
10-YR NOTE	543,134	314,523.26	72.7%	517,467.05	5.0%	510,283	363,506	40.4%
2-YR NOTE	21,514	8,616.22	149.7%	3,200.05	572.3%	6,636	6,967	-4.8%
ULTRA T-BOND	77	375.04	-79.4%	84.15	-8.0%	134	277	-51.8%
FED FUND	143	209.87	-31.6%	0	-	78	377	-79.3%
Ultra 10-Year Note	0	580.26	-100.0%	1.9	-100.0%	46	108	-57.0%

**Energy Futures**

CAISO SP15 EZGNHUB5 MW P	0	0	-	0	-	47	0	-
ERCOT NORTH ZMCP E 5MW OFFPE	0	0	-	0	-	0	0	-
RBOB GAS	140	66.61	109.6%	259.1	-46.1%	114	62	83.7%
ELEC ERCOT DLY PEAK	0	0	-	0	-	0	0	-
ERCOT NORTH ZMCP E 5MW OFFPE	922	0	-	0	-	214	25	739.3%
ERCOT NORTH ZMCP E 5MW PEAK	96	0	-	0	-	28	1	1904.3%
ERCOT HOUSTON Z MCP E 5MW PE A	96	0	-	0	-	23	0	-
SINGAPORE JET KERO VS. GASOIL	0	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	249	403.13	-38.2%	352.7	-29.4%	337	441	-23.6%
MONT BELVIEU LDH PROPANE OPIS	74	37.87	94.4%	74.75	-1.5%	86	40	113.6%
MONT BELVIEU ETHANE OPIS BALM	8	7.17	6.1%	0	-	15	5	200.2%
CONWAY NATURAL GASOLINE (OPI	31	0	-	12.1	153.3%	15	8	95.1%
PETROCHEMICALS	234	291.83	-19.8%	248.75	-5.9%	193	263	-26.5%
CONWAY PROPANE 5 DECIMALS S	404	555.17	-27.1%	543.25	-25.5%	420	317	32.5%
CONWAY NORMAL BUTANE (OPIS) S	62	22.17	181.4%	16.95	268.1%	40	6	602.1%
MONT BELVIEU NORMAL BUTANE B	36	24.61	44.9%	14.7	142.5%	36	33	10.1%
MONT BELVIEU NATURAL GASOLIN	5	10.91	-53.4%	7.25	-29.8%	11	10	14.4%
IN DELIVERY MONTH EUA	0	0	-	0	-	17	156	-89.1%

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<b>Energy Futures</b>								
WTS (ARGUS) VS WTI SWAP	494	292.17	69.2%	174	184.1%	219	84	160.6%
ISO NEW ENGLAND PK LMP	0	0	-	0	-	0	0	-50.0%
ELEC NYISO OFF-PEAK	0	0	-	0	-	418	0	-
ELEC MISO PEAK	0	0	-	0	-	23	0	-
TRANSCO ZONE 4 NAT GAS IN	0	0	-	0	-	3	9	-68.1%
COLUMB GULF MAINLINE NG B	0	210.22	-100.0%	49.95	-100.0%	6	118	-95.0%
HENRY HUB FINANCIAL LAST	25	0	-	7.55	234.6%	4	0	-
ONEOK OKLAHOMA NG BASIS	9	5.22	63.3%	0	-	1	6	-81.6%
TEXAS GAS ZONE1 NG BASIS	0	0	-	0	-	0	0	-
NYISO ZONE C 5MW D AH O P	0	0	-	0	-	0	323	-100.0%
PJM NI HUB 5MW REAL TIME	1,621	16,560.26	-90.2%	1,733.25	-6.5%	10,593	8,406	26.0%
NYISO ZONE J 5MW D AH O P	0	0	-	0	-	1,349	613	120.1%
NYISO ZONE J 5MW D AH PK	38	36.52	3.6%	127.5	-70.3%	138	51	169.1%
NEPOOL W CNT MASS 5MW D A	0	0	-	0	-	0	24	-100.0%
PJM COMED 5MW D AH PK	0	0	-	0	-	28	68	-59.2%
NEPOOL SE MASS 5MW D AH O	0	0	-	0	-	0	0	-
NEPOOL CNCTCT 5MW D AH O	0	0	-	0	-	0	71	-100.0%
NEPOOL CONECTIC 5MW D AH	0	0	-	0	-	0	4	-100.0%
NEPOOL NE MASS 5MW D AH P	0	0	-	0	-	0	4	-100.0%
NYISO ZONE C 5MW D AH PK	0	0	-	0	-	1	9	-92.7%
PETRO CRCKS & SPRDS NA	1,749	1,742.04	0.4%	1,871.4	-6.5%	1,916	1,580	21.3%
SINGAPORE GASOIL	300	245.35	22.2%	228.2	31.3%	249	189	31.5%
PETRO OUTRIGHT NA	692	822.04	-15.8%	562.85	22.9%	725	668	8.5%
CRUDE OIL SPRDS	772	234.78	228.6%	65	1087.0%	309	127	142.8%
RBOB GASOLINE BALMO CLNDR	27	65	-58.7%	39.25	-31.5%	37	36	1.3%
GASOLINE UP-DOWN BALMO SW	0	0	-	0	-	0	5	-100.0%
COLUMBIA GULF MAIN NAT G	0	0	-	0	-	0	13	-100.0%
ALGON CITY GATES NAT GAS	0	10.43	-100.0%	0	-	0	36	-100.0%
SOUTHERN NAT LA NAT GAS	0	3.91	-100.0%	0	-	0	4	-100.0%
TENN 800 LEG NAT GAS INDE	0	0	-	0	-	0	8	-100.0%
NATURAL GAS PHY	354,755	369,866.87	-4.1%	375,764.15	-5.6%	409,539	361,415	13.3%
CRUDE OIL OUTRIGHTS	1,768	576.48	206.8%	912.3	93.8%	995	341	192.1%
ELECTRICITY OFF PEAK	0	0	-	0	-	0	140	-100.0%
ELEC FINSETTLED	0	0	-	0	-	0	8	-100.0%
PETRO CRK&SPRD EURO	303	294.04	2.9%	260.65	16.1%	380	300	26.5%
FREIGHT MARKETS	18	1.78	882.9%	9	94.7%	8	9	-14.9%
PLASTICS	25	26.61	-6.0%	21.85	14.4%	26	16	60.0%
NYH NO 2 CRACK SPREAD CAL	12	131.96	-90.8%	83.5	-85.5%	68	88	-22.8%
TRANSCO ZONE 6 BASIS SWAP	0	29.3	-100.0%	0	-	17	42	-59.4%
NYISO A	0	0	-	0	-	0	0	-
MINY NATURAL GAS	728	1,063.91	-31.6%	828.3	-12.1%	1,198	1,182	1.4%
HEATING OIL PHY	206,951	150,216.17	37.8%	180,054.35	14.9%	173,304	155,247	11.6%
DOMINION TRANSMISSION INC	0	853.48	-100.0%	304.05	-100.0%	289	906	-68.1%
TCO BASIS SWAP	0	360.65	-100.0%	41.2	-100.0%	49	153	-68.0%
PJM MONTHLY	0	0	-	0	-	1	17	-95.9%
EL PASO PERMIAN INDEX SWA	0	0	-	0	-	0	10	-100.0%
WAHA INDEX SWAP FUTURE	0	20.87	-100.0%	0	-	0	50	-100.0%
NY HARBOR HEAT OIL SWP	86	77.74	11.1%	222.8	-61.2%	124	120	2.7%
EASTERN RAIL DELIVERY CSX	18	35.87	-49.1%	0	-	28	58	-52.2%

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<b>Energy Futures</b>								
HTG OIL	2	0	-	1.8	20.8%	1	32	-96.0%
EUROPE 3.5% FUEL OIL MED	0	20	-97.8%	0.25	73.9%	7	18	-60.6%
AEP-DAYTON HUB DAILY	0	0	-	0	-	0	0	-
PJM OFF-PEAK LMP SWAP FUT	0	0	-	0	-	0	1	-100.0%
AEP-DAYTON HUB OFF-PEAK M	0	0	-	0	-	0	0	-
DOMINION TRAN INC - APP I	0	0	-	0	-	0	102	-100.0%
TENNESSEE ZONE 0 BASIS SW	0	0	-	0	-	0	15	-100.0%
NEW YORK HUB ZONE J PEAK	0	0	-	0	-	0	0	-
FUELOIL SWAP:CARGOES VS.B	7	3.74	97.7%	14.75	-49.9%	15	17	-9.2%
MINY HTG OIL	0	0.48	-72.7%	0.2	-34.8%	0	0	-74.7%
BRENT CALENDAR SWAP	300	36.65	718.7%	197.95	51.6%	142	106	34.1%
EURO GASOIL 10PPM VS ICE	3	6.17	-53.5%	0	-	2	4	-41.9%
WTI-BRENT CALENDAR SWAP	1,382	531.78	159.9%	907	52.4%	572	586	-2.3%
CENTERPOINT BASIS SWAP	0	30.43	-100.0%	0	-	3	63	-95.0%
PJM NILL DA OFF-PEAK	0	12,951.26	-100.0%	1,170	-100.0%	4,080	4,910	-16.9%
PANHANDLE INDEX SWAP FUTU	0	0	-	0	-	0	15	-100.0%
PJM NILL DA PEAK	3	644.91	-99.6%	63.75	-95.9%	233	238	-2.4%
CIN HUB 5MW REAL TIME PK	0	129.57	-100.0%	110.25	-100.0%	149	378	-60.6%
MINY WTI CRUDE OIL	13,231	11,669.57	13.4%	12,711.15	4.1%	12,616	13,775	-8.4%
JAPAN C&F NAPHTHA SWAP	47	80.43	-41.1%	44.7	5.9%	75	60	25.0%
LLS (ARGUS) VS WTI SWAP	358	346.74	3.4%	121.9	194.1%	198	333	-40.6%
RBOB PHY	252,334	179,755.57	40.4%	203,288.4	24.1%	208,044	180,191	15.5%
NEPOOL RHD ISLD 5MW D AH	0	0	-	0	-	0	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	696	0	-	5,212	-86.7%	2,363	5,753	-58.9%
LTD NAT GAS	12,075	10,059.35	20.0%	12,742	-5.2%	13,998	10,952	27.8%
NORTHWEST ROCKIES BASIS S	0	339.7	-100.0%	86.9	-100.0%	18	807	-97.7%
SINGAPORE 380CST BALMO	13	5.26	141.3%	7.3	73.9%	10	7	49.0%
PJM BGE DA OFF-PEAK	0	0	-	0	-	0	139	-100.0%
ULSD 10PPM CIF MED VS ICE	0	0.43	-100.0%	0	-	0	1	-59.8%
GULF COAST JET FUEL CLNDR	2	1.74	5.0%	17.75	-89.7%	6	7	-19.6%
HEATING OIL CRCK SPRD BAL	0	0	-	0	-	0	0	-100.0%
SINGAPORE GASOIL SWAP	306	321.22	-4.8%	483.45	-36.7%	468	219	114.0%
CHICAGO ULSD PL VS HO SPR	11	33.43	-67.5%	4.95	119.6%	7	16	-52.8%
CIN HUB 5MW D AH PK	24	11.22	114.7%	42.75	-43.7%	85	111	-23.8%
PJM AD HUB 5MW REAL TIME	111	1,161.57	-90.5%	492.75	-77.5%	1,759	6,679	-73.7%
TC5 RAS TANURA TO YOKOHAM	0	0	-	0	-	0	0	-100.0%
Sumas Basis Swap	0	20	-100.0%	27.5	-100.0%	37	85	-56.2%
RBOB CRACK SPREAD	115	64.35	78.4%	24.25	373.3%	31	70	-55.8%
NGPL TEX/OK	83	86.09	-3.5%	154.4	-46.2%	46	146	-68.4%
EURO GASOIL 10 CAL SWAP	0	0	-	0	-	0	0	-100.0%
HENRY HUB INDEX SWAP FUTU	0	551.35	-100.0%	105.4	-100.0%	291	950	-69.4%
WTI-BRENT BULLET SWAP	0	0	-	0	-	2	0	-
NYISO J OFF-PEAK	0	0	-	0	-	0	0	-100.0%
EAST/WEST FUEL OIL SPREAD	0	2.17	-100.0%	0.5	-100.0%	7	1	431.8%
TENNESSEE 500 LEG BASIS S	0	15.65	-100.0%	0	-	3	6	-60.5%
NORTHEN NATURAL GAS DEMAR	0	25.13	-100.0%	0	-	0	13	-100.0%
NEW ENGLAND HUB PEAK DAIL	0	0	-	0	-	0	0	-

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<b>Energy Futures</b>								
HOUSTON SHIP CHANNEL INDE	0	0	-	0	-	0	1	-100.0%
ROCKIES KERN OPAL - NW IN	0	0	-	0	-	0	6	-100.0%
APPALACHIAN COAL (PHY)	0	0	-	0	-	0	1	-100.0%
WTI CALENDAR	1,769	1,032.74	71.3%	1,548.95	14.2%	1,648	1,405	17.3%
CINERGY HUB PEAK MONTH	0	0	-	0	-	0	0	-
CHICAGO ULSD (PLATTS) SWA	0	0	-	0	-	0	0	-
RBOB CALENDAR SWAP	466	468.52	-0.4%	366.25	27.4%	354	313	13.0%
AEP-DAYTON HUB MTHLY	0	0	-	0	-	0	1	-100.0%
CRUDE OIL PHY	1,509,803	1,002,195.91	50.6%	1,380,905.05	9.3%	1,247,684	1,059,888	17.7%
N ILLINOIS HUB MTHLY	0	0	-	0	-	0	0	-
RBOB (PLATTS) CAL SWAP	0	0	-	0	-	0	0	-
NEW YORK ETHANOL SWAP	50	35.87	39.4%	45	11.1%	34	72	-52.5%
LA CARB DIESEL (OPIS)	0	0	-	0	-	0	0	-
GASOIL BULLET SWAP	0	0	-	0	-	0	0	-
RBOB SPREAD (PLATTS) SWAP	0	0	-	0	-	0	0	-
EURO PROPANE CIF ARA SWA	63	49.91	26.3%	40.5	55.7%	56	57	-1.5%
LA CARBOB GASOLINE(OPIS)S	14	14.13	0.0%	0	-	11	35	-68.2%
MCCLOSKEY ARA ARG S COAL	1,158	4,379.39	-73.6%	1,817.2	-36.3%	2,262	8,375	-73.0%
MCCLOSKEY RCH BAY COAL	150	470	-68.0%	157.55	-4.6%	258	874	-70.5%
MGF FUT	4	0	-	0	-	2	1	186.0%
MNC FUT	173	161.26	7.0%	192.85	-10.5%	209	190	9.7%
DLY GAS EURO-BOB OXY	0	0	-	0	-	0	0	-100.0%
MGN1 SWAP FUT	1	3.26	-73.3%	9	-90.3%	6	6	-8.1%
UCM FUT	1	1.3	-33.3%	2.35	-63.0%	2	2	1.5%
MJC FUT	1	6.26	-86.1%	1.75	-50.3%	4	5	-5.2%
UP DOWN GC ULSD VS NMX HO	2,766	2,602.78	6.3%	2,030.9	36.2%	2,192	2,586	-15.2%
HOUSTON SHIP CHANNEL BASI	0	69.39	-100.0%	85.65	-100.0%	22	156	-85.6%
FUEL OIL CRACK VS ICE	58	208.39	-72.1%	76.35	-24.0%	196	200	-1.9%
NGPL TEXOK INDEX	0	13.04	-100.0%	0	-	0	2	-100.0%
NATURAL GAS	4,172	6,027.52	-30.8%	5,973.3	-30.2%	6,940	5,997	15.7%
HUSTN SHIP CHNL PIPE SWP	0	0	-	35.95	-100.0%	4	0	-
N ROCKIES PIPE SWAP	0	0	-	16.7	-100.0%	2	0	-
SOCAL PIPE SWAP	0	0	-	0	-	0	33	-100.0%
PANHANDLE PIPE SWAP	0	0	-	0	-	5	0	-
GAS EURO-BOB OXY NWE BARGES	983	512.52	91.8%	707.95	38.9%	923	665	38.8%
MONT BELVIEU NATURAL GASOLIN	100	309.35	-67.6%	170.4	-41.2%	192	403	-52.4%
ONTARIO POWER SWAPS	0	4.78	-90.9%	3	-85.5%	7	28	-75.7%
DAILY PJM	0	0	-	0	-	0	16	-100.0%
BRENT OIL LAST DAY	93,001	75,668.43	22.9%	71,749.8	29.6%	94,753	94,999	-0.3%
SINGAPORE GASOIL CALENDAR	4	8.26	-45.8%	8.15	-45.1%	13	3	312.3%
MARS (ARGUS) VS WTI TRD M	517	876.65	-41.0%	627.25	-17.6%	869	517	68.1%
MARS (ARGUS) VS WTI SWAP	148	47.39	211.9%	291.5	-49.3%	150	204	-26.2%
SINGAPORE JET KERO BALMO	0	0	-	5	-100.0%	3	0	857.2%
WTS (ARGUS) VS WTI TRD MT	70	37.17	89.5%	51.2	37.6%	33	51	-35.2%
DUBAI CRUDE OIL BALMO	0	0	-	0	-	0	2	-100.0%
EURO 1% FUEL OIL NEW BALM	0	0	-	0	-	0	1	-91.4%
PREMIUM UNLD 10P FOB MED	4	11.22	-67.1%	1.6	131.0%	3	14	-79.6%
GASOIL 0.1 CRG CIF NW VS	0	0	-	0	-	0	0	-100.0%
3.5% FUEL OIL CID MED SWA	0	16.96	-97.4%	0.25	73.9%	5	13	-58.6%

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	ADV AUG 2017	ADV AUG 2016	% CHG	ADV JUL 2017	% CHG	ADV Y.T.D 2017	ADV Y.T.D 2016	% CHG
<b>Energy Futures</b>								
JET FUEL CRG CIF NEW VS I	0	0	-	2.1	-100.0%	0	0	106.6%
ARGUS PROPAN FAR EST INDE	216	49.83	332.7%	177.05	21.8%	107	72	48.7%
ULSD 10PPM CIF VS ICE GAS	0	0	-	0	-	0	0	-100.0%
SINGAPORE NAPHTHA BALMO	0	0	-	0	-	0	0	-100.0%
NYISO ZONE G 5MW D AH PK	211	231.91	-9.0%	162	30.3%	314	181	73.6%
GASOIL 0.1 BRGS FOB VS IC	0	0	-	0	-	0	0	-100.0%
NYMEX ULSD VS NYMEX HO	0	0	-	0	-	0	0	-
RBOB VS HEATING OIL SWAP	55	26.09	111.7%	119	-53.6%	96	70	36.3%
GULF COAST ULSD CRACK SPR	0	6.52	-100.0%	85	-100.0%	23	37	-37.1%
USGC UNL 87 CRACK SPREAD	0	0	-	0	-	0	1	-100.0%
JET FUEL BRG FOB RDM VS I	0	0	-	0	-	0	0	150.4%
TENNESSEE 800 LEG NG BASI	0	31.74	-100.0%	0	-	0	9	-100.0%
NEPOOL W CNTR M 5MW D AH	0	0	-	0	-	0	10	-100.0%
DATED TO FRONTLINE BRENT	85	32.61	160.0%	129	-34.3%	69	71	-3.8%
PJM APS ZONE DA PEAK	0	0	-	0	-	0	0	-
PJM BGE DA PEAK	0	0	-	0	-	0	8	-100.0%
PJM PPL DA PEAK	0	0	-	0	-	0	0	-
PJM JCPL DA PEAK	0	0	-	0	-	0	0	-
PJM PSEG DA PEAK	0	0	-	0	-	0	30	-100.0%
PJM PSEG DA OFF-PEAK	0	0	-	0	-	0	975	-100.0%
PJM WESTH RT PEAK	760	3,271.26	-76.8%	797.35	-4.7%	1,166	3,122	-62.7%
ALGONQUIN CITYGATES BASIS	0	21.17	-100.0%	0	-	0	35	-100.0%
MICHCON NG INDEX SWAP	0	0	-	0	-	0	11	-100.0%
GASOIL 0.1 CIF MED SWAP	0	0	-	0	-	0	0	-100.0%
ICE GASOIL BALMO SWAP	0	0	-	0.45	-100.0%	0	0	-
ULSD 10PPM CIF MED SWAP	0	0	-	0	-	0	0	-33.3%
EUROPE 1% FUEL OIL NWE CA	1	0.13	566.9%	0	-	4	8	-49.2%
NEW YORK HUB ZONE G PEAK	0	0	-	0	-	0	0	-
GULF COAST NO.6 FUEL OIL	1,858	2,470.91	-24.8%	2,044	-9.1%	2,546	2,774	-8.2%
SINGAPORE FUEL 180CST CAL	49	38.52	26.5%	48.15	1.2%	54	57	-4.7%
SINGAPORE FUEL OIL SPREAD	21	28.22	-24.2%	38.15	-43.9%	36	27	35.6%
NORTHERN ILLINOIS OFF-PEA	0	0	-	0	-	0	0	-
PJM ATSI ELEC	0	0	-	0	-	294	0	-
SING FUEL	0	0.22	-100.0%	0	-	0	0	166.6%
EURO-DENOMINATED PETRO PROD	1	0	-	0	-	8	1	763.3%
DATED BRENT (PLATTS) DAILY SWA	0	0	-	0	-	8	0	-
GAS EURO-BOB OXY NWE BARGES	313	249.3	25.6%	272.3	15.0%	341	333	2.4%
MINY RBOB GAS	0	0.3	-42.9%	0.15	15.9%	0	0	2.9%
RBOB UP-DOWN CALENDAR SWA	0	0	-	0	-	0	55	-100.0%
LA JET FUEL VS NYM NO 2 H	0	1.09	-100.0%	0	-	0	5	-96.9%
ANR OKLAHOMA	0	2.61	-100.0%	0	-	0	21	-100.0%
MICHIGAN BASIS	0	63.26	-100.0%	0	-	15	100	-84.5%
TEXAS EASTERN ZONE M-3 BA	26	466.74	-94.4%	22.65	15.9%	51	396	-87.1%
NORTHERN NATURAL GAS VENTU	0	9.74	-100.0%	0	-	1	43	-98.8%
CIG BASIS	0	492.43	-100.0%	27	-100.0%	4	388	-98.9%
PJM DAILY	0	0	-	0	-	0	8	-100.0%
COLUMBIA GULF ONSHORE	0	0	-	66.6	-100.0%	8	19	-57.1%
Tetco STX Basis	0	0	-	0	-	0	10	-100.0%
Transco Zone 3 Basis	0	5.22	-100.0%	0	-	2	4	-58.6%

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<b>Energy Futures</b>								
GULF COAST GASOLINE CLNDR	0	0	-	0	-	0	8	-100.0%
CENTERPOINT EAST INDEX	0	0	-	0	-	0	4	-100.0%
GULF COAST ULSD CALENDAR	3	49.22	-92.9%	26.6	-86.9%	24	44	-44.4%
LA CARB DIESEL (OPIS) SWA	20	54.13	-63.9%	7.5	160.9%	10	38	-73.6%
EURO 3.5% FUEL OIL RDAM B	10	15.61	-37.3%	7.05	38.8%	22	15	45.8%
EUROPEAN NAPHTHA BALMO	14	6.3	128.3%	13	10.7%	18	7	161.1%
GASOIL MINI CALENDAR SWAP	8	9.39	-13.0%	1.15	610.8%	7	12	-42.0%
NY ULSD (ARGUS) VS HEATING OIL	22	50.7	-57.1%	1.45	1399.2%	49	24	100.0%
PJM PECO ZONE5MW PEAK CAL MO	0	0	-	0	-	0	0	-
EUROPE 1% FUEL OIL RDAM C	0	0	-	0.5	-73.9%	0	1	-68.6%
SAN JUAN BASIS SWAP	0	264.7	-100.0%	102	-100.0%	13	306	-95.6%
GULF COAST JET VS NYM 2 H	2,488	1,506.91	65.1%	1,736.05	43.3%	2,143	1,560	37.3%
NYMEX ALUMINUM FUTURES	0	0	-	0	-	0	0	-
EURO 3.5% FUEL OIL SPREAD	10	25.74	-60.6%	34	-70.2%	25	27	-7.9%
GASOIL CALENDAR SWAP	0	0.65	-100.0%	0	-	1	2	-21.0%
BRENT FINANCIAL FUTURES	0	2.83	-100.0%	45.75	-100.0%	245	24	933.1%
ICE BRENT DUBAI SWAP	62	4.35	1333.0%	20	211.5%	422	1	64347.2%
GASOIL CRACK SPREAD CALEN	198	256.52	-23.0%	265.4	-25.5%	360	253	42.1%
EUROPEAN NAPHTHA CRACK SPR	295	209.35	40.9%	350.65	-15.9%	343	218	57.2%
CRUDE OIL	426	311.74	36.7%	578.7	-26.3%	454	712	-36.3%
NEPOOL INTR HUB 5MW D AH	37	13,331.04	-99.7%	34.5	5.9%	1,414	2,899	-51.2%
NEPOOL SE MASS 5MW D AH P	0	0	-	0	-	0	0	-
PJM DAYTON DA OFF-PEAK	0	0	-	0	-	1,262	127	895.0%
PJM JCPL DA OFF-PEAK	0	0	-	0	-	0	0	-
PJM WESTH RT OFF-PEAK	12,551	6,286.09	99.7%	2,842	341.6%	12,708	33,174	-61.7%
CHICAGO ETHANOL SWAP	5,148	4,960.48	3.8%	3,629.7	41.8%	5,439	4,695	15.8%
HENRY HUB BASIS SWAP	0	835.09	-100.0%	136	-100.0%	304	1,039	-70.8%
HENRY HUB SWAP	11,324	16,552.57	-31.6%	12,305.75	-8.0%	8,693	20,557	-57.7%
PREM UNL GAS 10PPM RDAM FOB B	0	0	-	0	-	0	0	250.4%
PREM UNL GAS 10PPM RDAM FOB S	0	1.3	-100.0%	0	-	0	2	-86.4%
MONT BELVIEU NORMAL BUTANE 5	1,266	1,249.48	1.3%	1,177.6	7.5%	1,338	1,139	17.5%
MONT BELVIEU ETHANE 5 DECIMAL	715	2,214.04	-67.7%	614.65	16.4%	1,134	1,928	-41.2%
MONT BELVIEU LDH PROPANE 5 DE	4,431	6,069.7	-27.0%	3,609.4	22.8%	4,270	5,400	-20.9%
SINGAPORE 180CST BALMO	4	2.39	85.5%	2.5	77.4%	3	3	19.9%
PJM APS ZONE DA OFF-PEAK	0	0	-	0	-	0	0	-
GRP THREE UNL GS (PLT) VS	72	88.7	-19.4%	21.25	236.6%	32	69	-54.1%
JET BARGES VS ICE GASOIL	0	0	-	0	-	0	0	-100.0%
SINGAPORE GASOIL VS ICE	300	90.22	232.3%	172.75	73.5%	406	90	352.6%
NATURAL GAS PEN SWP	2,824	5,079.96	-44.4%	3,153.75	-10.5%	4,155	5,365	-22.6%
WESTERN RAIL DELIVERY PRB	0	30	-100.0%	0	-	13	48	-72.4%
EUROPE DATED BRENT SWAP	5	0	-	70	-92.3%	12	155	-92.5%
SINGAPORE JET KERO GASOIL	96	53.26	79.6%	78.25	22.2%	103	37	175.6%
TETCO M-3 INDEX	0	26.09	-100.0%	0	-	0	48	-100.0%
PJM AECO DA PEAK	0	0	-	0	-	0	0	-
GASOIL 10PPM CARGOES CIF	0	0	-	0	-	0	0	-100.0%
WAHA BASIS	131	167.39	-21.8%	61	114.7%	36	235	-84.7%
LA JET (OPIS) SWAP	142	158.26	-10.0%	51.75	175.2%	92	99	-7.3%
NY HARBOR 1% FUEL OIL BAL	0	3.09	-100.0%	0	-	0	1	-75.2%
GASOIL 10PPM VS ICE SWAP	3	9.22	-71.7%	3.6	-27.5%	4	4	-15.4%

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<b>Energy Futures</b>								
NY H OIL PLATTS VS NYMEX	0	0	-	0	-	0	0	-
NYISO ZONE G 5MW D AH O P	3,663	893.3	310.0%	0	-	4,361	2,290	90.5%
EUROPEAN GASOIL (ICE)	172	317	-45.9%	170.05	0.9%	164	9,158	-98.2%
ULSD UP-DOWN BALMO SWP	172	493.48	-65.2%	128.75	33.4%	172	260	-34.0%
JET FUEL UP-DOWN BALMO CL	262	327.17	-19.8%	252.8	3.8%	341	173	96.5%
EIA FLAT TAX ONHWAY DIESE	4	49.39	-91.5%	33.7	-87.6%	37	55	-32.7%
NY 2.2% FUEL OIL (PLATTS)	0	3.48	-100.0%	0	-	0	3	-100.0%
RBOB CRACK SPREAD BALMO S	0	1.09	-100.0%	0	-	0	0	-100.0%
HEATING OIL BALMO CLNDR S	0	0.65	-100.0%	5	-100.0%	5	2	147.8%
INDIANA MISO	0	0	-	0	-	0	1	-100.0%
PETROLEUM PRODUCTS ASIA	63	49.13	29.2%	127.7	-50.3%	97	64	53.1%
AUSTRIALIAN COKE COAL	0	10.57	-95.9%	0	-	6	19	-67.8%
PETROLEUM PRODUCTS	147	111.87	31.2%	58.35	151.6%	136	51	167.5%
COAL SWAP	2	10	-82.6%	1.25	39.1%	7	13	-42.4%
NYISO A OFF-PEAK	0	0	-	0	-	0	0	-
NYISO G OFF-PEAK	0	0	-	0	-	0	0	-
ISO NEW ENGLAND OFF-PEAK	0	0	-	0	-	0	0	-
SINGAPORE 380CST FUEL OIL	273	484.57	-43.7%	315.85	-13.6%	490	337	45.2%
SINGAPORE JET KEROSENE SW	68	39.13	73.3%	164.75	-58.8%	70	28	155.5%
FLORIDA GAS ZONE3 BASIS S	0	145.74	-100.0%	0	-	0	32	-100.0%
TRANSCO ZONE4 BASIS SWAP	0	37.22	-100.0%	276	-100.0%	75	102	-26.1%
ANR LOUISIANA BASIS SWAP	0	0	-	0	-	0	0	-
CINERGY HUB OFF-PEAK MONT	0	0	-	0	-	0	0	-100.0%
DUBAI CRUDE OIL CALENDAR	262	108.09	142.4%	273	-4.0%	433	71	508.6%
NGPL MIDCONTINENT INDEX	0	0	-	0	-	0	43	-100.0%
PANHANDLE BASIS SWAP FUTU	0	439.91	-100.0%	150.6	-100.0%	18	415	-95.6%
SONAT BASIS SWAP FUTURE	0	0	-	0	-	0	2	-100.0%
DIESEL 10P BRG FOB RDM VS	0	5	-100.0%	0	-	0	1	-100.0%
FUEL OIL NWE CRACK VS ICE	0	0	-	0	-	0	0	-100.0%
EUROPE 3.5% FUEL OIL RDAM	120	210.48	-42.9%	168.95	-28.9%	359	303	18.6%
GULF COAST 3% FUEL OIL BA	12	12.39	0.4%	45.75	-72.8%	56	34	66.2%
NY1% VS GC SPREAD SWAP	38	98.91	-61.5%	137.7	-72.4%	107	109	-1.4%
GASOIL 0.1 CIF NWE VS ISE	0	0	-	0	-	0	0	-
JET CIF NWE VS ICE	0	2.7	-83.9%	6.45	-93.3%	5	5	9.7%
EUROPE JET KERO NWE CALSW	2	0	-	0	-	1	0	168.4%
JAPAN NAPHTHA BALMO SWAP	0	3.26	-100.0%	4.5	-100.0%	8	2	255.1%
ARGUS PROPAN(SAUDI ARAMCO	58	17.78	225.2%	41.85	38.2%	47	44	8.3%
NYISO G	0	0	-	0	-	0	0	-
NYISO J	0	0	-	0	-	0	1	-100.0%
NGPL MID-CONTINENT	58	52.52	10.3%	60	-3.5%	22	158	-86.2%
BRENT BALMO SWAP	0	11.96	-100.0%	9.5	-100.0%	3	6	-55.9%
ULSD 10PPM CIF MED BALMO	0	0	-	0	-	0	0	-100.0%
HENRY HUB SWING FUTURE	0	0	-	0	-	0	2	-100.0%
EUROPE NAPHTHA CALSWAP	145	80.7	80.1%	169	-14.0%	139	67	107.6%
NY HARBOR RESIDUAL FUEL 1	111	134.7	-17.4%	67.05	65.9%	122	164	-25.9%
PERMIAN BASIS SWAP	0	114.74	-100.0%	39.75	-100.0%	6	172	-96.5%
JAPAN C&F NAPHTHA CRACK S	32	28.57	13.5%	3.6	801.0%	28	20	35.3%
NATURAL GAS INDEX	0	0	-	0	-	4	40	-90.2%
PETRO CRCKS & SPRDS ASIA	0	3.48	-100.0%	21	-100.0%	10	7	43.7%

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	ADV AUG 2017	ADV AUG 2016	% CHG	ADV JUL 2017	% CHG	ADV Y.T.D 2017	ADV Y.T.D 2016	% CHG
<b>Energy Futures</b>								
NYISO CAPACITY	9	10.48	-16.6%	14.2	-38.5%	20	21	-2.7%
GASOIL 0.1 ROTTERDAM BARG	0	0	-	0	-	1	0	-
GASOIL 0.1 CIF VS ICE GAS	0	0	-	0	-	0	0	299.3%
GRP THREE ULSD(PLT)VS HEA	396	204.13	94.2%	273.05	45.2%	181	131	37.6%
GASOIL 0.1CIF MED VS ICE	0	0.43	-100.0%	0	-	0	1	-61.5%
PJM AECO DA OFF-PEAK	0	0	-	0	-	0	0	-
PJM PPL DA OFF-PEAK	0	0	-	0	-	0	0	-
PJM DAYTON DA PEAK	0	298.83	-100.0%	0	-	31	129	-75.7%
PREMIUM UNLEAD 10PPM FOB	0	0.43	-100.0%	1.6	-100.0%	1	2	-47.2%
PJM WESTH DA OFF-PEAK	2,035	0	-	0	-	323	4,911	-93.4%
GASOIL 0.1 RDAM BRGS VS I	0	0	-	0	-	1	0	150.0%
GASOIL 10P CRG CIF NW VS	0	0	-	1.25	-100.0%	0	0	150.1%
PJM WESTHDA PEAK	111	110.87	0.0%	0	-	51	269	-80.9%
NEPOOL RHODE IL 5MW D AH	0	0	-	0	-	0	0	-
CHICAGO UNL GAS PL VS RBO	0	11.96	-100.0%	0	-	0	11	-100.0%
ETHANOL	396	527	-24.8%	326.2	21.5%	671	681	-1.4%
NYISO ZONE A 5MW D AH O P	0	344.57	-100.0%	1,170	-100.0%	195	1,425	-86.3%
CIN HUB 5MW D AH O PK	696	0	-	4,000	-82.6%	1,659	1,640	1.1%
PJM COMED 5MW D AH O PK	0	0	-	0	-	508	1,254	-59.5%
NYISO ZONE A 5MW D AH PK	0	128.7	-100.0%	0	-	41	21	89.3%
SOUTH STAR TEX OIL PLATTS	0	0	-	0	-	0	8	-100.0%
NY 3.0% FUEL OIL (PLATTS	3	13.04	-75.0%	1.25	160.9%	19	9	115.9%
ARGUS LLS VS. WTI (ARG) T	714	548.7	30.1%	307.75	131.9%	352	656	-46.3%
NO 2 UP-DOWN SPREAD CALEN	4	0	-	0	-	22	15	42.8%
N ILLINOIS HUB DAILY	0	0	-	0	-	0	0	-
PROPANE NON-LDH MT. BEL (OPIS)	213	400.17	-46.9%	118.15	79.9%	326	477	-31.7%
PROPANE NON-LDH MB (OPIS) BAL	16	30.22	-48.6%	5	210.4%	25	19	33.4%
JET AV FUEL (P) CAR FM ICE GAS S	0	1.96	-100.0%	0	-	0	1	-92.4%
SINGAPORE MOGAS 92 UNLEADED	301	296.57	1.5%	318.9	-5.6%	373	317	17.8%
NY JET FUEL (PLATTS) HEAT OIL SW	0	0	-	0	-	0	0	-
SINGAPORE MOGAS 92 UNLEADED	1	1.09	0.0%	2.85	-61.9%	8	17	-55.5%
ETHANOL T2 FOB ROTT INCL DUTY	121	93.26	29.7%	168.6	-28.3%	180	102	77.0%
PJM WES HUB PEAK LMP 50 M	0	0	-	0	-	0	0	-
FUEL OIL (PLATS) CAR CM	0	1.09	-100.0%	0	-	0	7	-100.0%
FUEL OIL (PLATS) CAR CN	0	0	-	0	-	0	0	-100.0%
GROUP THREE ULSD (PLATTS)	0	13.04	-100.0%	6.25	-100.0%	1	2	-58.3%
MICHIGAN MISO	0	0	-	0	-	370	803	-53.9%
INDONESIAN COAL	0	1.52	-100.0%	0	-	0	1	-97.6%
NATURAL GAS FIXED PRICE SWAP F	0	0	-	18	-100.0%	2	0	-
NAT GAS BASIS SWAP	19	287.96	-93.5%	0	-	13	176	-92.7%
SUMAS NAT GAS PLATTS FIXED PRI	0	0	-	15.3	-100.0%	2	0	-
ELEC WEST POWER PEAK	0	0	-	0	-	9	0	-
ELEC WEST POWER OFF-PEAK	0	0	-	0	-	0	0	-
NY HARBOR LOW SULPUR GAS 100C	10	13.26	-26.2%	0	-	25	29	-12.0%
CRUDE OIL TRADE AT MARKER SIN	0	0	-	0	-	0	0	-
MINI RBOB V. EBOB(ARGUS) NWE B	126	80.22	56.5%	168.6	-25.6%	125	57	119.3%
CANADIAN LIGHT SWEET OIL	12	147.39	-92.0%	0.75	1465.2%	43	99	-56.1%
MINI RBOB V. EBOBARG NWE BRGS	49	4.35	1035.0%	20.1	145.5%	24	6	309.8%
MINI GAS EUROBOB OXY NWE ARG	11	37.35	-70.3%	31.2	-64.5%	24	20	17.8%

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<b>Energy Futures</b>								
MARS BLEND CRUDE OIL	32	24.35	32.1%	0	-	71	92	-22.9%
DY EURO 3.5% FUEL OI RDA	0	0	-	0	-	9	0	-
3.5% FUEL OIL CIF BALMO S	0	1.96	-88.9%	0	-	1	1	-16.7%
FL GAS ZONE 3 NAT GAS IND	0	0	-	0	-	0	49	-100.0%
CIG ROCKIES NG INDEX SWA	0	0	-	0	-	4	6	-31.7%
TRANSCO ZONE 6 INDEX	0	5.22	-100.0%	0	-	5	37	-86.0%
DEMARC SWING SWAP	0	0	-	0	-	0	0	-
NGPL MIDCONTINENT SWING S	0	0	-	0	-	0	4	-100.0%
DEMARC INDEX FUTURE	0	0	-	0	-	0	5	-100.0%
CAISO SP15 EZGNHUB5 PEAK	0	0	-	0	-	0	0	-
TCO NG INDEX SWAP	0	0	-	0	-	0	0	-
ELEC ERCOT DLY OFF PK	0	0	-	0	-	0	0	-
ERCOT DAILY 5MW PEAK	0	0	-	0	-	0	0	-
ELECTRICITY ERCOT PEAK	0	0	-	34.5	-100.0%	4	0	-
ULSD 10PPM CIF NW BALMO S	0	0	-	0.3	-100.0%	0	0	-
DIESEL 10PPM BARGES FOB B	0	0	-	0.15	-100.0%	0	0	-
TRANSCO ZONE 3 NG INDEX S	0	0	-	0	-	37	0	-
<b>Energy Options</b>								
PETRO OUTRIGHT EURO	0	0	-	0	-	2	0	-
PETROCHEMICALS	80	80.39	-0.9%	37.75	111.1%	47	97	-51.6%
NATURAL GAS OPTION ON CALEND	26	114.35	-77.2%	72	-63.8%	45	95	-52.9%
ELEC MISO PEAK	0	0	-	0	-	5	15	-68.2%
HENRY HUB FINANCIAL LAST	131	25.7	411.5%	156.8	-16.2%	169	95	78.1%
NATURAL GAS PHY	88,625	100,240.35	-11.6%	99,538.55	-11.0%	116,344	106,474	9.3%
CRUDE OIL OUTRIGHTS	334	49.57	573.7%	0	-	46	14	235.4%
ELEC FINSETTLED	0	0.61	-100.0%	0	-	0	1	-100.0%
EUROPEAN JET KEROSENE NWE (P	0	0	-	0	-	0	0	-100.0%
HEATING OIL PHY	1,413	1,930.48	-26.8%	1,175.95	20.1%	1,536	2,638	-41.8%
PJM MONTHLY	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	111	220.04	-49.8%	215.4	-48.7%	165	281	-41.4%
BRENT CALENDAR SWAP	0	26.09	-100.0%	93.75	-100.0%	32	67	-52.8%
NATURAL GAS 3 M CSO FIN	1,123	759.78	47.8%	381.25	194.5%	632	1,037	-39.0%
RBOB PHY	1,780	1,254.57	41.9%	1,220.2	45.9%	1,309	1,873	-30.1%
SAN JUAN PIPE SWAP	0	66.78	-100.0%	9	-100.0%	12	47	-74.8%
NATURAL GAS 2 M CSO FIN	0	0	-	0	-	21	6	255.0%
SINGAPORE JET FUEL CALEND	0	0	-	0	-	0	0	-
WTI-BRENT BULLET SWAP	1,379	661.3	108.5%	367.6	275.1%	1,602	905	77.0%
CRUDE OIL APO	2,918	1,929.91	51.2%	2,825.85	3.3%	1,932	1,296	49.1%
WTI CRUDE OIL 1 M CSO FI	3,957	3,386.96	16.8%	1,437.5	175.2%	2,821	7,472	-62.2%
NATURAL GAS 6 M CSO FIN	87	0	-	112.5	-22.7%	231	24	846.8%
RBOB CALENDAR SWAP	10	13.04	-25.0%	0	-	14	36	-61.3%
CRUDE OIL PHY	148,779	175,419.26	-15.2%	175,005.15	-15.0%	188,499	180,505	4.4%
RBOB 1MO CAL SPD OPTIONS	89	0	-	72.9	22.3%	24	20	19.4%
MCCLOSKEY ARA ARGS COAL	0	0	-	0	-	8	54	-85.7%
MCCLOSKEY RCH BAY COAL	0	0	-	0	-	0	14	-100.0%
NYISO ZONE G 5MW PEAK OPTIONS	0	0	-	0	-	118	3	4621.4%

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<b>Energy Options</b>								
NATURAL GAS	0	0	-	0	-	3	3	-10.0%
HUSTN SHIP CHNL PIPE SWP	0	0	-	0	-	0	0	-
N ROCKIES PIPE SWAP	51	31.3	63.1%	18	183.6%	24	25	-4.7%
SOCAL PIPE SWAP	0	0	-	0	-	0	60	-100.0%
PANHANDLE PIPE SWAP	0	0	-	0	-	17	0	-
ETHANOL SWAP	237	244.48	-3.0%	241.5	-1.8%	254	278	-8.6%
SHORT TERM NATURAL GAS	311	270.65	14.9%	283.2	9.8%	379	294	29.1%
BRENT OIL LAST DAY	2,766	1,479.48	86.9%	2,282.5	21.2%	1,609	1,021	57.5%
SINGAPORE GASOIL CALENDAR	0	0	-	0	-	0	0	-
HEATING OIL CRACK OPTIONS	0	0	-	0	-	1	0	-
EURO-DENOMINATED PETRO PROD	0	0	-	0	-	0	0	-
HEATING OIL CRK SPD AVG PRICE	0	0	-	0	-	0	0	-
HO 1 MONTH CLNDR OPTIONS	13	0	-	0	-	10	34	-71.9%
CRUDE OIL 1MO	8,424	11,124.91	-24.3%	9,113.75	-7.6%	8,521	11,789	-27.7%
ROTTERDAM 3.5%FUEL OIL CL	0	5.22	-100.0%	0	-	0	3	-100.0%
SHORT TERM	127	148.91	-14.5%	110.75	15.0%	134	140	-4.5%
COAL SWAP	17	8.7	100.0%	0	-	4	4	-6.9%
NYMEX EUROPEAN GASOIL OPT	0	0	-	0	-	0	0	-
NATURAL GAS 5 M CSO FIN	0	0	-	0	-	24	7	237.5%
NYMEX EUROPEAN GASOIL APO	0	0	-	0	-	0	0	-
COAL API2 INDEX	7	168.48	-96.1%	47.75	-86.3%	53	891	-94.1%
COAL API4 INDEX	0	0	-	0	-	0	8	-100.0%
NATURAL GAS 1 M CSO FIN	549	306.48	79.1%	484.75	13.2%	1,765	259	580.2%
ETHANOL	1	0	-	0	-	2	0	700.0%
PJM WES HUB PEAK CAL MTH	11	7.39	52.9%	26.5	-57.3%	23	65	-65.0%
PJM WES HUB PEAK LMP 50MW	23	317.43	-92.6%	24.6	-4.6%	75	55	37.1%
GASOLINE	0	0	-	0	-	0	5	-100.0%
LLS CRUDE OIL	33	26.09	25.0%	0	-	35	70	-50.1%
1 MO GASOIL CAL SWAP SPR	0	0	-	0	-	0	0	-
NG HH 3 MONTH CAL	0	0	-	0	-	0	3	-100.0%
12 MO GASOIL CAL SWAP SPR	0	0	-	0	-	1	0	-

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<b>Metals Futures</b>								
PALLADIUM	7,137	7,384.87	-3.4%	4,136.25	72.5%	6,004	5,617	6.9%
NYMEX PLATINUM	17,169	12,097.65	41.9%	16,053.1	7.0%	18,026	14,594	23.5%
NYMEX HOT ROLLED STEEL	318	217.65	46.1%	331.95	-4.2%	229	227	0.8%
URANIUM	10	0	-	14.3	-29.5%	27	39	-31.4%
COMEX SILVER	113,246	84,318.78	34.3%	91,485.9	23.8%	92,563	72,923	26.9%
COMEX GOLD	296,035	190,776.48	55.2%	297,851.9	-0.6%	268,706	232,720	15.5%
COMEX COPPER	128,043	81,563.3	57.0%	87,025.05	47.1%	101,105	81,946	23.4%
COMEX MINY COPPER	29	18.13	61.6%	18.5	58.4%	37	27	35.7%
COPPER	19	20.13	-6.5%	1.1	1611.5%	8	20	-57.0%
E-MICRO GOLD	4,664	2,454.87	90.0%	4,072.8	14.5%	4,246	4,309	-1.5%
SILVER	478	502.26	-4.9%	271.55	75.9%	285	421	-32.4%
FERROUS PRODUCTS	10	1.74	450.0%	1.5	537.7%	4	3	36.4%
METALS	0	0.43	-100.0%	0	-	0	0	-100.0%
ALUMINUM	850	414.43	105.0%	458.4	85.3%	642	429	49.7%
GOLD	0	0	-	0.05	-100.0%	0	0	-
Gold Kilo	13	177.52	-92.8%	12.9	-0.9%	17	238	-92.9%
LNDN ZINC	0	0.61	-100.0%	0	-	1	1	-57.5%
IRON ORE 62 CHINA PLATTS FUTUR	77	0	-	203.5	-62.2%	48	15	223.2%
IRON ORE 62 CHINA TSI FUTURES	311	570.13	-45.5%	224.15	38.6%	465	812	-42.8%
COMEX E-Mini GOLD	298	345.91	-13.7%	360.75	-17.3%	393	528	-25.6%
COMEX E-Mini SILVER	35	70.35	-50.9%	45.75	-24.4%	43	61	-29.3%
<b>Metals Options</b>								
PALLADIUM	585	213.48	174.0%	336.55	73.8%	270	157	71.9%
NYMEX PLATINUM	189	295.78	-36.1%	161.95	16.6%	133	205	-35.3%
COMEX SILVER	7,485	5,451.26	37.3%	6,569.35	13.9%	5,855	5,512	6.2%
COMEX GOLD	43,476	26,260.17	65.6%	39,470.6	10.1%	39,115	38,023	2.9%
COMEX COPPER	454	145.7	211.3%	299.45	51.5%	232	135	72.2%
SILVER	2	0.87	75.0%	2.75	-44.7%	9	1	474.3%
GOLD	820	148	453.9%	511.3	60.3%	596	192	210.1%
IRON ORE 62 CHINA TSI PUT OPTIO	196	34.78	462.5%	129	51.7%	129	144	-10.3%
IRON ORE 62 CHINA TSI CALL OPTIC	207	100.35	105.8%	15	1276.8%	79	211	-62.8%
<b>Foreign Exchange Futures</b>								
CHILEAN PESO	238	0	-	249.7	-4.5%	101	0	170378.2%
<b>Ags Futures</b>								
FERTILIZER PRODUCS	35	0	-	10	247.8%	6	0	-

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<b>TOTAL FUTURES GROUP</b>								
Interest Rate Futures	5,986,651	5,730,625.26	4.5%	4,689,427.35	27.7%	6,147,805	5,573,809	10.3%
Equity Index Futures	1,957,393	1,816,105.04	7.8%	1,564,295.85	25.1%	1,973,326	2,433,645	-18.9%
Metals Futures	568,741	380,935.26	49.3%	502,569.4	13.2%	492,848	414,930	18.8%
Energy Futures	2,526,467	1,934,756.91	30.6%	2,314,728.1	9.1%	2,271,541	2,054,865	10.5%
FX Futures	731,251	577,588.09	26.6%	772,271.75	-5.3%	797,061	756,718	5.3%
Commodities and Alternative Invest	1,126,809	960,280.91	17.3%	1,288,587.5	-12.6%	1,156,608	1,138,896	1.6%
Foreign Exchange Futures	238	0	-	249.7	-4.5%	101	0	170378.2%
Ags Futures	35	0	-	10	247.8%	6	0	-
<b>TOTAL FUTURES</b>	<b>12,897,586</b>	<b>11,400,291.48</b>	<b>13.1%</b>	<b>11,132,139.65</b>	<b>15.9%</b>	<b>12,839,295.41</b>	<b>12,372,863.88</b>	<b>3.8%</b>
<b>TOTAL OPTIONS GROUP</b>								
Interest Rate Options	1,766,786	1,319,940.74	33.9%	1,589,238.9	11.2%	2,123,708	1,775,102	19.6%
Equity Index Options	725,175	517,102.44	40.2%	523,408.8	38.5%	672,680	605,708	11.1%
Metals Options	53,412	32,650.39	63.6%	47,495.95	12.5%	46,418	44,581	4.1%
Energy Options	263,411	300,318.7	-12.3%	295,355.45	-10.8%	328,546	318,084	3.3%
FX Options	85,653	50,495.83	69.6%	90,694.7	-5.6%	75,766	74,311	2.0%
Commodities and Alternative Invest	255,499	210,081.96	21.6%	357,313.5	-28.5%	259,487	278,336	-6.8%
<b>TOTAL OPTIONS</b>	<b>3,149,936</b>	<b>2,430,590.04</b>	<b>29.6%</b>	<b>2,903,507.3</b>	<b>8.5%</b>	<b>3,506,605.65</b>	<b>3,096,122.61</b>	<b>13.3%</b>
<b>TOTAL COMBINED</b>								
Commodities and Alternative Invest	1,382,307	1,170,362.87	18.1%	1,645,901	-16.0%	1,416,095	1,417,231	-0.1%
FX	816,904	628,083.91	30.1%	862,966.45	-5.3%	872,827	831,028	5.0%
Equity Index	2,682,568	2,333,207.48	15.0%	2,087,704.65	28.5%	2,646,006	3,039,354	-12.9%
Interest Rate	7,753,437	7,050,566	10.0%	6,278,666.25	23.5%	8,271,513	7,348,911	12.6%
Energy	2,789,879	2,235,075.61	24.8%	2,610,083.55	6.9%	2,600,086	2,372,950	9.6%
Metals	622,153	413,585.65	50.4%	550,065.35	13.1%	539,266	459,511	17.4%
Foreign Exchange	238	0	-	249.7	-4.5%	101	0	170378.2%
Ags	35	0	-	10	247.8%	6	0	-
<b>GRAND TOTAL</b>	<b>16,047,522</b>	<b>13,830,881.52</b>	<b>16.0%</b>	<b>14,035,646.95</b>	<b>14.3%</b>	<b>16,345,901.06</b>	<b>15,468,986.49</b>	<b>5.7%</b>

\*\*\* 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.