

CME Group Exchange ADV Report - Monthly

September 2017

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	ADV SEP 2017	ADV SEP 2016	% CHG	ADV AUG 2017	% CHG	ADV Y.T.D 2017	ADV Y.T.D 2016	% CHG
Commodities and Alternative Investments Futures								
HDD SEASONAL STRIP	0	0	-	0	-	0	0	-
CDD SEASONAL STRIP	0	0	-	0	-	6	8	-29.8%
CDD WEATHER	0	2.38	-100.0%	0	-	140	18	681.9%
HDD WEATHER EUROPEAN	0	0	-	0	-	2	3	-33.0%
HDD WEATHER	10	21.43	-53.3%	0	-	6	5	31.7%
HOUSING INDEX	1	0.52	110.0%	0.78	40.5%	1	0	55.2%
USD CRUDE PALM OIL	0	57.14	-100.0%	0	-	8	7	14.5%
CAT EURO SEASONAL STRIP	0	0	-	0	-	0	1	-100.0%
MILK	1,122	1,337.57	-16.1%	1,369.3	-18.1%	1,303	1,228	6.1%
HDD EURO SEASONAL STRIP	0	4.76	-100.0%	0	-	0	1	-100.0%
CASH-SETTLED CHEESE	478	397.76	20.2%	445.7	7.3%	474	497	-4.8%
LIVE CATTLE	68,220	63,608.14	7.3%	50,252.83	35.8%	66,197	51,674	28.1%
BUTTER CS	184	171.76	6.9%	177.65	3.4%	153	150	2.4%
LUMBER	802	636.81	25.9%	681.91	17.5%	778	699	11.3%
DRY WHEY	63	54.29	15.5%	52.65	19.1%	86	56	54.9%
CLASS IV MILK	27	73.71	-63.2%	48.7	-44.3%	49	50	-1.7%
NFD MILK	242	134.33	80.4%	242.04	0.1%	235	225	4.5%
GSCI EXCESS RETURN FUT	5,465	3,852.95	41.8%	35.87	15136.4%	1,710	1,333	28.2%
LEAN HOGS	56,204	40,465.67	38.9%	42,435.09	32.4%	44,984	35,360	27.2%
FEEDER CATTLE	15,966	11,833.67	34.9%	16,661.13	-4.2%	14,308	10,023	42.8%
MLK MID	0	0	-	0	-	0	0	-
GOLDMAN SACHS	1,624	1,523.48	6.6%	1,390.52	16.8%	1,634	1,342	21.8%
COCOA TAS	0	24.57	-99.6%	0	-	0	13	-96.7%
SUGAR 11	0	0.57	-82.5%	0.13	-23.3%	0	2	-89.8%
COFFEE	0	1.05	-100.0%	0	-	0	1	-75.6%
COTTON	0	0.9	-94.5%	0	-	0	3	-97.2%
MINI WHEAT	202	239.62	-15.6%	311	-35.0%	299	311	-3.8%
CORN	230,318	214,192.81	7.5%	404,124.43	-43.0%	369,325	359,792	2.6%
SOYBEAN MEAL	97,008	82,783.95	17.2%	94,956.13	2.2%	101,771	104,606	-2.7%
SOYBEAN OIL	122,564	102,055.86	20.1%	118,333.17	3.6%	118,489	112,650	5.2%
ROUGH RICE	721	553.33	30.3%	1,301.91	-44.6%	1,076	1,165	-7.6%
DOW-UBS COMMOD INDEX	11,493	2,847.48	303.6%	2,618.22	339.0%	4,229	1,617	161.5%
MINI SOYBEAN	710	825.52	-14.0%	465	52.6%	764	1,102	-30.7%
WHEAT	9	986.19	-99.1%	361.74	-97.5%	635	110	479.6%
OATS	419	447.57	-6.5%	518.26	-19.2%	680	909	-25.1%
SOYBEAN	181,448	160,626.14	13.0%	179,664.17	1.0%	210,046	247,711	-15.2%
MINI CORN	266	401.05	-33.6%	420.65	-36.7%	473	570	-17.0%
FERTILIZER PRODUCTS	71	55.71	27.0%	92.17	-23.2%	76	95	-19.8%
S&P GSCI ENHANCED ER SWAP	1,703	1,433.57	18.8%	0	-	544	436	24.7%
Intercommodity Spread	0	0	-	0	-	0	0	-
KC WHEAT	32,221	23,175.1	39.0%	62,596.43	-48.5%	51,586	38,267	34.8%
MALAYSIAN PALM SWAP	624	395.24	58.0%	225.74	176.6%	464	442	4.9%
DJ_UBS ROLL SELECT INDEX FUTU	107	47.24	126.5%	0	-	37	14	154.3%
PALM OIL	0	0	-	0	-	0	0	-
CHI WHEAT	94,575	69,410.14	36.3%	147,025.3	-35.7%	139,386	127,042	9.7%

Commodities and Alternative Investments Options

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HDD SEASONAL STRIP	150	238.1	-37.0%	326.09	-54.0%	56	26	111.1%
CDD SEASONAL STRIP	0	0	-	0	-	15	155	-90.4%
CDD WEATHER	0	0	-	0	-	250	5	4625.0%
HDD WEATHER EUROPEAN	0	0	-	0	-	8	29	-72.6%
HDD WEATHER	0	0	-	0	-	7	0	-
HOUSING INDEX	0	0	-	0.43	-19.5%	0	0	134.6%
LV CATL CSO	33	0.29	11310.6%	0	-	10	1	642.0%
MILK	1,508	2,050.95	-26.5%	1,606.13	-6.1%	1,687	1,394	21.0%
HDD EURO SEASONAL STRIP	0	119.05	-100.0%	0	-	0	13	-100.0%
CASH-SETTLED CHEESE	832	349.38	138.3%	286.3	190.7%	384	345	11.2%
LIVE CATTLE	9,951	15,767.33	-36.9%	9,744	2.1%	11,643	17,152	-32.1%
BUTTER CS	170	50.52	237.3%	94.52	80.3%	79	59	34.8%
LUMBER	60	64.1	-7.0%	44.35	34.4%	54	46	17.1%
DRY WHEY	16	1.43	1013.0%	3.09	415.1%	20	4	359.2%
CLASS IV MILK	74	97.1	-23.7%	76.65	-3.4%	83	52	59.3%
NFD MILK	179	93.29	92.0%	132.09	35.6%	194	153	27.1%
LEAN HOGS	14,186	14,923.33	-4.9%	13,849	2.4%	10,237	8,639	18.5%
FEEDER CATTLE	1,788	1,820.57	-1.8%	1,790.57	-0.1%	1,657	1,661	-0.2%
MLK MID	1	3.19	-60.8%	0	-	3	3	-1.9%
JULY-DEC WHEAT CAL SPRD	0	0	-	0	-	9	176	-95.1%
CORN	83,089	64,328.19	29.2%	102,910.48	-19.3%	104,729	99,621	5.1%
SOYBEAN MEAL	6,337	6,222.48	1.8%	6,395.65	-0.9%	8,531	9,703	-12.1%
SOYBEAN OIL	6,681	7,462.76	-10.5%	8,236.91	-18.9%	8,402	9,378	-10.4%
AUG-NOV SOYBEAN CAL SPRD	0	0	-	0	-	1	0	417.9%
DEC-JULY CORN CAL SPRD	157	82.71	89.2%	221.48	-29.3%	174	86	102.1%
DEC-DEC CORN CAL SPRD	132	0.24	55527.9%	137.48	-3.7%	64	94	-32.0%
NOV-JULY SOYBEAN CAL SPRD	28	0	-	22.61	21.6%	9	0	-
JAN-MAY SOYBEAN CAL SPRD	2	0	-	0	-	0	0	-
JULY-JULY WHEAT CAL SPRD	0	0	-	0	-	0	3	-100.0%
NOV-NOV SOYBEAN CAL SPRD	0	5.9	-100.0%	0	-	1	16	-95.9%
ROUGH RICE	151	40.86	268.7%	49.09	206.9%	103	87	18.3%
WHEAT	0	12	-100.0%	0	-	8	1	468.1%
WHEAT-CORN ICSD	0	171.9	-100.0%	3.04	-100.0%	34	66	-48.8%
CORN NEARBY+2 CAL SPRD	3	10.05	-75.1%	254.39	-99.0%	74	162	-54.6%
SOYBN NEARBY+2 CAL SPRD	0	2.38	-100.0%	0	-	6	2	165.7%
WHEAT NEARBY+2 CAL SPRD	100	95.05	5.2%	164.13	-39.1%	71	229	-69.0%
SOYMEAL NEARBY+2 CAL SPRD	0	0	-	0	-	0	20	-100.0%
JULY-DEC CORN CAL SPRD	0	3.57	-100.0%	0	-	93	195	-52.4%
DEC-JULY WHEAT CAL SPRD	35	0	-	9.78	257.3%	5	1	828.9%
JULY-NOV SOYBEAN CAL SPRD	0	1.43	-100.0%	0	-	377	323	16.9%
OATS	43	38.05	12.1%	78.87	-45.9%	60	58	4.3%
SOYBEAN	70,173	55,173.14	27.2%	76,786.09	-8.6%	71,071	87,644	-18.9%
JULY-DEC SOY OIL CAL SPRD	0	0	-	0	-	3	0	-
SOYBEAN CRUSH	4	3.14	19.3%	1.52	146.4%	3	25	-86.7%
AUG-DEC SOYBEAN MEAL CSO	0	0	-	0	-	0	0	-100.0%
Intercommodity Spread	0	0	-	0	-	4	18	-79.2%
KC WHEAT	1,089	820.43	32.8%	2,352.13	-53.7%	2,353	1,570	49.9%
MAR-JULY WHEAT CAL SPRD	0	0	-	0	-	7	9	-16.6%
MAR-JULY CORN CAL SPRD	4	0	-	0	-	0	13	-97.1%

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Commodities and Alternative Investments Options								
CHI WHEAT	21,745	18,500.19	17.5%	29,921.65	-27.3%	32,572	29,124	11.8%
FX Futures								
TURKISH LIRA	240	0	-	90.83	163.9%	98	0	229978.3%
JAPANESE YEN	230,512	155,346.76	48.4%	147,758.57	56.0%	167,921	143,939	16.7%
KOREAN WON	2	2.05	17.2%	0.35	590.1%	1	1	67.4%
CD/JY CROSS RATES	25	0.05	52631.1%	13.04	92.4%	8	0	13517.7%
CANADIAN DOLLAR	107,163	88,596.95	21.0%	65,996.43	62.4%	77,137	74,936	2.9%
AD/NE CROSS RATES	2	1.95	-0.1%	4.39	-55.6%	5	4	28.9%
BRITISH POUND	170,334	121,899	39.7%	92,379.04	84.4%	120,056	112,300	6.9%
RUSSIAN RUBLE	3,891	3,905.71	-0.4%	2,386	63.1%	2,553	1,820	40.2%
SWISS FRANC	38,644	28,425.14	36.0%	29,908.09	29.2%	27,574	22,670	21.6%
NEW ZEALND DOLLAR	34,946	34,611.48	1.0%	22,318.57	56.6%	24,940	22,956	8.6%
BP/JY CROSS RATES	253	116.76	116.8%	154.3	64.0%	151	92	63.7%
SHEKEL	1	0	-	9.91	-89.4%	1	0	-
E-MICRO USD/CAD	0	0	-	0	-	0	0	-100.0%
E-MICRO GBP/USD	3,087	4,530.81	-31.9%	1,592.83	93.8%	2,774	3,718	-25.4%
E-MICRO USD/CHF	0	0	-	0	-	0	0	-100.0%
E-MICRO EUR/USD	13,988	12,307.9	13.7%	12,254.78	14.1%	12,294	13,408	-8.3%
E-MICRO USD/JPY	0	0	-	0	-	0	0	-100.0%
E-MICRO AUD/USD	4,942	5,788.1	-14.6%	4,580.96	7.9%	4,155	4,878	-14.8%
AUSTRALIAN DOLLAR	130,231	116,652.43	11.6%	89,067.43	46.2%	94,984	102,561	-7.4%
E-MINI JAPANESE YEN	895	1,488.86	-39.9%	1,010.04	-11.3%	1,533	1,627	-5.8%
EFX/JY CROSS RATES	5,812	3,163	83.7%	3,246.83	79.0%	3,426	2,135	60.5%
RMB USD	2	23	-90.0%	1.22	88.9%	2	17	-90.3%
EFX/BP CROSS RATES	8,635	5,975	44.5%	2,487.74	247.1%	3,904	3,855	1.3%
EFX/SF CROSS RATES	2,837	2,893.43	-2.0%	1,625.17	74.6%	1,920	1,800	6.7%
INDIAN RUPEE	2,871	614.95	366.8%	1,545	85.8%	1,620	581	178.8%
EC/SEK CROSS RATES	117	31.38	273.3%	19.39	504.1%	36	13	170.5%
S.AFRICAN RAND	4,338	1,605.29	170.2%	2,282.04	90.1%	2,745	832	230.0%
MEXICAN PESO	77,344	81,831.29	-5.5%	35,341.39	118.8%	50,585	55,439	-8.8%
EURO FX	296,484	222,746.95	33.1%	203,523.22	45.7%	221,784	192,454	15.2%
SF/JY CROSS RATES	0	0	-	0	-	0	0	-
EC/CD CROSS RATES	454	244	86.1%	143.39	216.7%	223	125	77.8%
EC/NOK CROSS RATES	26	0.1	27263.4%	13.96	86.7%	7	0	15611.6%
EC/AD CROSS RATES	202	185.71	8.7%	45.22	346.5%	164	90	82.6%
BP/SF CROSS RATES	4	2.38	78.5%	0.65	551.6%	4	2	91.4%
E-MINI EURO FX	6,724	3,324.57	102.3%	4,227.87	59.0%	4,601	3,672	25.3%
MICRO CHF/USD	52	76.67	-32.3%	44.48	16.7%	46	91	-49.8%
POLISH ZLOTY (EC)	1	0.33	50.0%	0.78	-36.1%	2	105	-98.1%
AD/JY CROSS RATES	284	183.33	54.9%	115.91	145.0%	136	202	-32.8%
AD/CD CROSS RATES	11	0.62	1677.1%	0.17	6225.5%	4	0	1437.8%
POLISH ZLOTY (US)	8	160.05	-94.8%	3.48	140.1%	17	63	-72.2%
SKR/USD CROSS RATES	296	207.9	42.6%	66.22	347.6%	134	97	38.6%
NKR/USD CROSS RATE	171	194.19	-12.1%	63.52	168.6%	104	88	18.2%
BRAZIL REAL	5,412	4,085.95	32.4%	4,353	24.3%	4,345	3,955	9.8%

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FX Futures								
FCXRX	0	39.38	-100.0%	0	-	33	7	384.6%
CHINESE RENMINBI (CNH)	134	58.57	129.5%	61.04	120.2%	74	69	7.3%
USDZAR	0	0	-	0	-	0	0	-100.0%
E-MICRO INR/USD	143	229.52	-37.6%	95.52	49.9%	124	100	23.2%
E-MICRO USD/CNH	0	0	-	0	-	0	0	-100.0%
E-MICRO JPY/USD	1,588	1,525.9	4.1%	1,342.65	18.3%	1,912	1,411	35.5%
E-MICRO CAD/USD	1,753	1,185.62	47.8%	1,075.65	62.9%	990	998	-0.8%
FX Options								
AUSTRALIAN DLR (EU)	0	0	-	0	-	0	6	-99.8%
JAPANESE YEN	0	11,093.48	-100.0%	0	-	3,066	15,064	-79.6%
EURO FX (EU)	0	3.14	-88.9%	3.91	-91.1%	2	150	-98.4%
CANADIAN DOLLAR	0	5,362.52	-100.0%	0	-	1,016	6,780	-85.0%
BRITISH POUND	0	7,806.9	-100.0%	0	-	2,533	9,694	-73.9%
RUSSIAN RUBLE	0	0	-	0	-	0	7	-100.0%
CANADIAN DOLLAR (EU)	0	0.14	-100.0%	0.57	-100.0%	1	9	-93.8%
SWISS FRANC (EU)	0	0	-	0.04	-100.0%	0	0	-
SWISS FRANC	0	212.67	-100.0%	0	-	30	307	-90.1%
BRITISH POUND (EU)	44	0.76	5681.6%	19.26	128.7%	14	48	-70.7%
AUSTRALIAN DOLLAR	0	6,797.29	-100.0%	0	-	1,131	6,645	-83.0%
MEXICAN PESO	6	391.9	-98.5%	10.22	-41.3%	113	156	-27.5%
EURO FX	0	20,317.52	-100.0%	0	-	7,018	32,912	-78.7%
JAPANESE YEN (EU)	0	0.05	-100.0%	0	-	1	31	-96.9%
CAD/USD PQO 2pm Fix	12,685	1,043.81	1115.2%	7,317.52	73.3%	6,624	119	5460.1%
AUD/USD PQO 2pm Fix	7,527	665.71	1030.7%	6,359.83	18.4%	5,370	77	6911.2%
JPY/USD PQO 2pm Fix	18,583	1,426.29	1202.9%	14,855.3	25.1%	12,745	161	7801.6%
CHF/USD PQO 2pm Fix	141	46.05	207.2%	165.17	-14.4%	120	5	2083.2%
EUR/USD PQO 2pm Fix	44,218	2,291.33	1829.8%	46,678.7	-5.3%	29,280	262	11066.9%
GBP/USD PQO 2pm Fix	17,897	1,162.38	1439.7%	10,242.48	74.7%	9,397	133	6945.0%

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Equity Index Futures								
E-MINI RUSSELL 2000	157,327	0	-	19,743.78	696.8%	19,877	0	-
E-MINI RUSSELL 1000	918	11.57	7835.5%	165.96	453.3%	166	21	679.4%
DJ US REAL ESTATE	3,240	1,595.48	103.1%	576.87	461.7%	1,375	883	55.7%
E-MINI NASDAQ 100	339,268	312,733.24	8.5%	325,716.83	4.2%	271,555	270,694	0.3%
S&P ENERGY SECTOR	1,766	918.62	92.2%	576.22	206.5%	829	508	63.3%
S&P MATERIALS SECTOR	933	584.33	59.7%	176.52	428.7%	414	293	41.4%
S&P FINANCIAL SECTOR	3,380	1,012.48	233.8%	1,040	225.0%	1,490	592	151.8%
S&P HEALTH CARE SECTOR	1,406	633.57	122.0%	558.78	151.7%	813	554	46.8%
S&P INDUSTRIAL SECTOR	702	1,207.43	-41.8%	676.48	3.8%	432	434	-0.6%
S&P UTILITIES SECTOR	3,803	1,260.14	201.8%	514	639.9%	1,374	1,210	13.6%
S&P TECHNOLOGY SECTOR	1,129	691.57	63.3%	254.39	343.8%	496	328	51.2%
S&P CONSUMER DSCRTNRY SECTC	511	1,327.95	-61.5%	155.78	227.9%	360	592	-39.2%
S&P 500	9,541	14,827.14	-35.6%	3,486.83	173.6%	6,228	9,198	-32.3%
E-MINI MIDCAP	21,584	29,834.67	-27.7%	13,391.52	61.2%	17,889	22,106	-19.1%
NIKKEI 225 (\$) STOCK	13,779	15,466.57	-10.9%	9,488.26	45.2%	12,533	18,491	-32.2%
NIKKEI 225 (YEN) STOCK	42,882	54,650.86	-21.5%	36,034.39	19.0%	42,950	61,247	-29.9%
IBOVESPA INDEX	10	24.71	-61.2%	45.52	-78.9%	29	32	-9.4%
S&P CONSUMER STAPLES SECTOR	3,069	1,871.29	64.0%	222.26	1280.7%	806	1,399	-42.4%
E-MINI S&P500	1,673,646	2,368,042.48	-29.3%	1,417,624	18.1%	1,504,740	1,935,178	-22.2%
S&P 500/VALUE	747	169.19	341.5%	947.52	-21.2%	942	510	84.7%
S&P 500 GROWTH	4	1.95	117.7%	0.13	3159.2%	1	1	12.1%
FT-SE 100	45	21	116.0%	49.78	-8.9%	25	31	-19.1%
NIFTY 50	911	1,094.24	-16.7%	695.43	31.1%	548	480	14.1%
E-MINI RUSSELL 1000 GROWTH	483	12.14	3877.2%	448.13	7.8%	143	14	933.1%
E-MINI RUSSELL 1000 VALUE	1,655	86	1824.0%	268.61	516.0%	286	43	570.9%
NASDAQ BIOTECH	49	11.81	313.7%	4.35	1023.6%	17	2	751.0%
E-mini FTSE 100 (USD)	13	0	-	1.52	774.0%	2	2	4.0%
E-mini FTSE China 50	72	39.67	82.6%	76.13	-4.8%	69	41	68.5%
E-MINI S&P REAL ESTATE SELECT S	741	51.05	1351.7%	179.7	312.4%	301	6	5193.3%
FTSE Emerging	2	7.62	-73.1%	1.87	9.6%	1	7	-80.1%
E-mini (\$5) Dow	133,606	192,734.62	-30.7%	124,271.48	7.5%	133,858	171,782	-22.1%

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Equity Index Options								
E-MINI RUSSELL 2000	538	0	-	292.35	84.0%	105	0	-
E-MINI NASDAQ 100	11,537	10,806.29	6.8%	15,678.96	-26.4%	10,891	10,657	2.2%
S&P 500	16,029	9,936.24	61.3%	21,027.87	-23.8%	15,229	25,874	-41.1%
EOW4 EMINI S&P 500	49,349	76,438.67	-35.4%	55,436	-11.0%	45,533	54,326	-16.2%
EOW2 S&P 500	6,828	7,372.1	-7.4%	8,570.87	-20.3%	7,772	6,237	24.6%
EOW1 EMINI S&P 500	37,079	51,493	-28.0%	40,885.48	-9.3%	50,405	46,418	8.6%
EOW1 S&P 500	3,692	3,207.95	15.1%	3,960.09	-6.8%	4,094	2,816	45.4%
E-MINI MIDCAP	0	0.05	-100.0%	0	-	0	0	-100.0%
EOM S&P 500	10,940	11,068	-1.2%	8,352.61	31.0%	8,590	8,476	1.3%
EOM EMINI S&P	103,690	116,887	-11.3%	90,464.35	14.6%	95,511	79,592	20.0%
EOW2 EMINI S&P 500	30,641	57,948.67	-47.1%	60,154.3	-49.1%	51,146	48,059	6.4%
E-MINI S&P500	229,254	217,468.52	5.4%	248,078.13	-7.6%	200,548	244,955	-18.1%
EOW3 EMINI S&P 500	126,207	172,260.62	-26.7%	155,443.3	-18.8%	162,627	83,043	95.8%
EOW3 S&P 500	18,008	15,197.71	18.5%	16,313.7	10.4%	16,886	10,786	56.6%
E-mini Russell 2000	153	0	-	29.7	413.9%	25	0	-
E-mini Russell 2000	1,032	0	-	175.17	489.3%	140	0	-
EOM3 E-MINI S&P 500 END OF MONT	85	0	-	19.91	327.9%	13	0	-
E-mini (\$5) Dow	209	257.62	-19.0%	292.57	-28.7%	250	542	-54.0%

Interest Rate Futures

5-YR SWAP RATE	3,316	4,052.33	-18.2%	1,021.74	224.6%	2,412	3,017	-20.0%
2-YR SWAP RATE	0	0.05	-100.0%	0	-	0	23	-100.0%
10-YR SWAP RATE	4,515	4,143.76	9.0%	1,198.35	276.8%	2,474	2,419	2.3%
1-MONTH EURODOLLAR	145	27.95	417.5%	97.26	48.7%	255	55	366.2%
EURODOLLARS	2,736,548	2,361,246.62	15.9%	1,930,153.48	41.8%	2,612,775	2,465,501	6.0%
7-YR SWAP	0	0	-	0	-	0	16	-100.0%
30-YR BOND	272,113	249,802.67	8.9%	331,332.48	-17.9%	289,049	274,247	5.4%
5-YR NOTE	749,533	593,010.48	26.4%	1,067,091.7	-29.8%	900,151	775,814	16.0%
10-YR NOTE	1,387,833	1,149,559.86	20.7%	1,699,058.3	-18.3%	1,498,069	1,367,106	9.6%
2-YR NOTE	318,966	275,001.38	16.0%	485,832.91	-34.3%	370,062	316,626	16.9%
30-YR SWAP RATE	35	112.86	-68.9%	5.87	498.0%	54	85	-37.0%
ULTRA T-BOND	112,136	85,015.71	31.9%	189,736.39	-40.9%	128,908	110,118	17.1%
FED FUND	204,635	178,639.95	14.6%	135,274	51.3%	209,159	135,213	54.7%
Ultra 10-Year Note	116,105	71,530.86	62.3%	145,848.7	-20.4%	108,700	56,717	91.7%

Interest Rate Options

EURO MIDCURVE	820,299	347,762.43	135.9%	654,182.22	25.4%	737,325	497,279	48.3%
EURODOLLARS	572,440	648,281.33	-11.7%	324,278.65	76.5%	641,727	702,721	-8.7%
30-YR BOND	135,279	103,029.57	31.3%	114,693.96	17.9%	110,744	83,467	32.7%
5-YR NOTE	122,279	83,800.71	45.9%	108,762.52	12.4%	121,390	95,846	26.7%
10-YR NOTE	614,553	342,139.9	79.6%	543,133.87	13.1%	521,376	361,132	44.4%
2-YR NOTE	19,368	8,498.48	127.9%	21,514.22	-10.0%	7,991	7,137	12.0%
ULTRA T-BOND	206	704.62	-70.8%	77.39	166.1%	141	325	-56.5%
FED FUND	135	854.52	-84.2%	143.48	-5.9%	84	430	-80.5%
Ultra 10-Year Note	0	616.9	-100.0%	0	-	41	164	-74.8%

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Energy Futures								
CAISO SP15 EZGNHUB5 MW P	0	0	-	0	-	42	0	-
ERCOT NORTH ZMCPE 5MW OFFPE	0	0	-	0	-	0	0	-
RBOB GAS	167	64.48	159.1%	139.61	19.7%	120	62	91.9%
ELEC ERCOT DLY PEAK	0	0	-	0	-	0	0	-
ERCOT NORTH ZMCPE 5MW OFFPE	0	0	-	921.74	-100.0%	191	23	743.7%
ERCOT NORTH ZMCPE 5MW PEAK	0	0	-	95.65	-100.0%	25	1	1914.9%
ERCOT HOUSTON Z MCPE 5MW PEAK	0	0	-	95.65	-100.0%	21	0	-
SINGAPORE JET KERO VS. GASOIL	3	0	-	0	-	0	0	-
PETRO OUTRIGHT EURO	225	395	-43.1%	249.04	-9.8%	325	436	-25.4%
MONT BELVIEU LDH PROPANE OPIS	74	43.14	72.3%	73.61	1.0%	85	41	108.9%
MONT BELVIEU ETHANE OPIS BALM	8	10.95	-31.5%	7.61	-1.4%	14	6	149.8%
CONWAY NATURAL GASOLINE (OPI	4	18.24	-80.0%	30.65	-88.1%	14	9	55.4%
PETROCHEMICALS	250	340.62	-26.7%	234.13	6.6%	199	271	-26.6%
CONWAY PROPANE 5 DECIMALS S	527	403.81	30.5%	404.48	30.3%	432	327	32.1%
CONWAY NORMAL BUTANE (OPIS) S	33	74.52	-55.6%	62.39	-46.9%	39	13	193.7%
MONT BELVIEU NORMAL BUTANE B	14	12.1	14.1%	35.65	-61.3%	34	31	10.6%
MONT BELVIEU NATURAL GASOLIN	30	3.57	738.6%	5.09	488.8%	13	9	44.7%
IN DELIVERY MONTH EUA	0	4.76	-100.0%	0	-	15	139	-89.1%
WTS (ARGUS) VS WTI SWAP	89	425.43	-79.2%	494.35	-82.1%	205	122	68.1%
ISO NEW ENGLAND PK LMP	0	0	-	0	-	0	0	-49.7%
ELEC NYISO OFF-PEAK	0	0	-	0	-	373	0	-
ELEC MISO PEAK	0	0	-	0	-	20	0	-
TRANSCO ZONE 4 NAT GAS IN	0	0	-	0	-	2	8	-67.9%
COLUMB GULF MAINLINE NG B	0	90.62	-100.0%	0	-	5	115	-95.4%
HENRY HUB FINANCIAL LAST	41	0	-	25.26	61.3%	8	0	-
ONEOK OKLAHOMA NG BASIS	50	0	-	8.52	482.0%	6	6	12.1%
TEXAS GAS ZONE1 NG BASIS	0	11.81	-100.0%	0	-	0	1	-100.0%
NYISO ZONE C 5MW D AH O P	0	0	-	0	-	0	287	-100.0%
PJM NI HUB 5MW REAL TIME	0	8,588.33	-100.0%	1,621.3	-100.0%	9,466	8,426	12.3%
NYISO ZONE J 5MW D AH O P	0	444.95	-100.0%	0	-	1,205	594	102.9%
NYISO ZONE J 5MW D AH PK	91	84.95	6.5%	37.83	139.3%	133	55	141.6%
NEPOOL W CNT MASS 5MW D A	0	0	-	0	-	0	21	-100.0%
PJM COMED 5MW D AH PK	0	151.43	-100.0%	0	-	25	78	-67.9%
NEPOOL SE MASS 5MW D AH O	0	0	-	0	-	0	0	-
NEPOOL CNCTCT 5MW D AH O	0	0	-	0	-	0	63	-100.0%
NEPOOL CONECTIC 5MW D AH	0	0	-	0	-	0	3	-100.0%
NEPOOL NE MASS 5MW D AH P	38	0	-	0	-	4	3	20.2%
NYISO ZONE C 5MW D AH PK	0	0	-	0	-	1	8	-92.7%
PETRO CRCKS & SPRDS NA	1,249	1,726.95	-27.7%	1,748.96	-28.6%	1,845	1,596	15.6%
SINGAPORE GASOIL	273	203.43	34.2%	299.7	-8.9%	251	191	31.8%
PETRO OUTRIGHT NA	758	1,190.29	-36.3%	691.96	9.5%	729	726	0.3%
CRUDE OIL SPRDS	538	37.38	1337.9%	771.52	-30.3%	333	117	184.3%
RBOB GASOLINE BALMO CLNDR	62	33	87.1%	26.87	129.8%	39	36	9.8%
GASOLINE UP-DOWN BALMO SW	0	0	-	0	-	0	4	-100.0%
COLUMBIA GULF MAIN NAT G	0	0	-	0	-	0	12	-100.0%
ALGON CITY GATES NAT GAS	0	5.9	-100.0%	0	-	0	32	-100.0%
SOUTHERN NAT LA NAT GAS	0	0	-	0	-	0	3	-100.0%

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Energy Futures								
TENN 800 LEG NAT GAS INDE	0	0	-	0	-	0	7	-100.0%
NATURAL GAS PHY	424,940	364,126.95	16.7%	354,754.61	19.8%	411,178	361,716	13.7%
CRUDE OIL OUTRIGHTS	2,028	415.95	387.7%	1,768.39	14.7%	1,105	349	216.6%
ELECTRICITY OFF PEAK	0	0	-	0	-	0	124	-100.0%
ELEC FINSETTLED	0	0	-	0	-	0	7	-100.0%
PETRO CRK&SPRD EURO	320	364.14	-12.1%	302.61	5.7%	373	307	21.5%
FREIGHT MARKETS	8	13.71	-43.9%	17.52	-56.1%	8	10	-19.6%
PLASTICS	60	7.81	670.9%	25	140.8%	30	15	93.5%
NYH NO 2 CRACK SPREAD CAL	57	17.95	218.3%	12.13	371.1%	67	80	-16.7%
TRANSCO ZONE 6 BASIS SWAP	0	163.05	-100.0%	0	-	15	55	-72.5%
NYISO A	0	0	-	0	-	0	0	-
MINY NATURAL GAS	870	1,043.19	-16.6%	728.22	19.5%	1,164	1,167	-0.3%
HEATING OIL PHY	178,895	156,591.67	14.2%	206,951	-13.6%	173,898	155,396	11.9%
DOMINION TRANSMISSION INC	0	1,423.71	-100.0%	0	-	258	964	-73.2%
TCO BASIS SWAP	0	234.43	-100.0%	0	-	44	162	-73.0%
PJM MONTHLY	0	0	-	0	-	1	15	-95.8%
EL PASO PERMIAN INDEX SWA	0	0	-	0	-	0	9	-100.0%
WAHA INDEX SWAP FUTURE	0	11.81	-100.0%	0	-	0	46	-100.0%
NY HARBOR HEAT OIL SWP	39	74.29	-47.3%	86.35	-54.7%	115	115	-0.6%
EASTERN RAIL DELIVERY CSX	5	93.33	-94.6%	18.26	-72.6%	25	62	-59.2%
HTG OIL	3	0	-	2.17	15.0%	1	29	-95.0%
EUROPE 3.5% FUEL OIL MED	2	7.9	-75.3%	0.43	348.5%	6	17	-61.2%
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	11.81	-100.0%	0	-	0	92	-100.0%
TENNESSEE ZONE 0 BASIS SW	0	20.38	-100.0%	0	-	0	16	-100.0%
NEW YORK HUB ZONE J PEAK	0	0	-	0	-	0	0	-
FUELOIL SWAP:CARGOES VS.B	6	13.81	-60.2%	7.39	-25.6%	14	16	-13.7%
MINY HTG OIL	0	0.24	-16.0%	0.13	53.4%	0	0	-71.4%
BRENT CALENDAR SWAP	106	11.52	822.9%	300.09	-64.6%	138	95	44.9%
EURO GASOIL 10PPM VS ICE	4	4.14	-2.2%	2.87	41.1%	2	4	-37.1%
WTI-BRENT CALENDAR SWAP	2,177	458.05	375.2%	1,381.96	57.5%	743	572	30.0%
CENTERPOINT BASIS SWAP	0	110.29	-100.0%	0	-	3	69	-95.9%
PJM NILL DA OFF-PEAK	0	2,394.19	-100.0%	0	-	3,646	4,631	-21.3%
PANHANDLE INDEX SWAP FUTU	0	47.24	-100.0%	0	-	0	18	-100.0%
PJM NILL DA PEAK	0	162.57	-100.0%	2.61	-100.0%	208	230	-9.6%
CIN HUB 5MW REAL TIME PK	22	70.71	-68.9%	0	-	135	343	-60.6%
MINY WTI CRUDE OIL	12,282	14,609.43	-15.9%	13,230.7	-7.2%	12,581	13,868	-9.3%
JAPAN C&F NAPHTHA SWAP	76	57.33	31.9%	47.35	59.7%	75	60	25.7%
LLS (ARGUS) VS WTI SWAP	535	203.48	163.1%	358.48	49.3%	234	319	-26.6%
RBOB PHY	206,955	222,725.67	-7.1%	252,334.43	-18.0%	207,928	184,917	12.4%
NEPOOL RHD ISLD 5MW D AH	0	0	-	0	-	0	0	-
NEPOOL NE MASS 5MW D AH O	702	0	-	0	-	75	0	-
NEPOOL NEW HAMP 5MW D AH	0	0	-	0	-	0	0	-
CIN HUB 5MW REAL TIME O P	0	1,114.29	-100.0%	695.65	-100.0%	2,112	5,238	-59.7%
LTD NAT GAS	14,643	11,082.9	32.1%	12,074.91	21.3%	14,066	10,966	28.3%
NORTHWEST ROCKIES BASIS S	0	480.62	-100.0%	0	-	16	771	-97.9%
SINGAPORE 380CST BALMO	17	9.67	79.0%	12.7	36.3%	11	7	53.1%

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Energy Futures								
PJM BGE DA OFF-PEAK	0	0	-	0	-	0	124	-100.0%
ULSD 10PPM CIF MED VS ICE	0	0.05	-100.0%	0	-	0	1	-59.8%
GULF COAST JET FUEL CLNDR	0	7.71	-100.0%	1.83	-100.0%	5	7	-29.0%
HEATING OIL CRCK SPRD BAL	0	0	-	0	-	0	0	-100.0%
SINGAPORE GASOIL SWAP	127	327.48	-61.3%	305.96	-58.6%	432	231	87.1%
CHICAGO ULSD PL VS HO SPR	10	0	-	10.87	-4.8%	8	14	-44.5%
CIN HUB 5MW D AH PK	148	88.86	66.7%	24.09	515.1%	91	109	-15.9%
PJM AD HUB 5MW REAL TIME	21	8,071.9	-99.7%	110.87	-81.1%	1,574	6,834	-77.0%
TC5 RAS TANURA TO YOKOHAM	0	0	-	0	-	0	0	-100.0%
Sumas Basis Swap	0	30.57	-100.0%	0	-	33	79	-57.8%
RBOB CRACK SPREAD	111	57.14	94.2%	114.78	-3.3%	39	69	-42.5%
NGPL TEX/OK	18	166.67	-89.0%	83.04	-77.8%	43	149	-70.9%
EURO GASOIL 10 CAL SWAP	0	0	-	0	-	0	0	-100.0%
HENRY HUB INDEX SWAP FUTU	0	220.86	-100.0%	0	-	260	869	-70.1%
WTI-BRENT BULLET SWAP	25	0	-	0	-	5	0	-
NYISO J OFF-PEAK	0	0	-	0	-	0	0	-100.0%
EAST/WEST FUEL OIL SPREAD	0	1.9	-100.0%	0	-	7	1	357.1%
TENNESSEE 500 LEG BASIS S	0	26	-100.0%	0	-	2	9	-73.6%
NORTHERN NATURAL GAS DEMAR	0	0	-	0	-	0	11	-100.0%
NEW ENGLAND HUB PEAK DAIL	0	0	-	0	-	0	0	-
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	2,869	1,347.19	112.9%	1,769	62.2%	1,778	1,398	27.1%
CINERGY HUB PEAK MONTH	0	0	-	0	-	0	0	-
CHICAGO ULSD (PLATTS) SWA	0	0	-	0	-	0	0	-
RBOB CALENDAR SWAP	370	361.33	2.5%	466.48	-20.6%	356	318	11.7%
AEP-DAYTON HUB MTHLY	0	0	-	0	-	0	1	-100.0%
CRUDE OIL PHY	1,378,541	1,158,679.95	19.0%	1,509,803.17	-8.7%	1,261,605	1,070,865	17.8%
N ILLINOIS HUB MTHLY	0	0	-	0	-	0	0	-
RBOB (PLATTS) CAL SWAP	0	0	-	0	-	0	0	-
NEW YORK ETHANOL SWAP	74	71.67	3.6%	50	48.5%	39	72	-46.6%
LA CARB DIESEL (OPIS)	0	0	-	0	-	0	0	-
GASOIL BULLET SWAP	5	0	-	0	-	1	0	-
RBOB SPREAD (PLATTS) SWAP	0	0	-	0	-	0	0	-
EURO PROPANE CIF ARA SWA	78	85.62	-8.8%	63.04	23.9%	58	60	-2.8%
LA CARBOB GASOLINE(OPIS)S	29	2.38	1107.5%	14.13	103.5%	13	31	-58.6%
MCCLOSKEY ARA ARGS COAL	2,054	5,650	-63.6%	1,158.13	77.4%	2,239	8,072	-72.3%
MCCLOSKEY RCH BAY COAL	190	505.52	-62.4%	150.3	26.4%	250	833	-69.9%
MGF FUT	0	0	-	3.87	-100.0%	2	1	187.5%
MNC FUT	165	176.29	-6.3%	172.61	-4.3%	204	189	8.2%
DLY GAS EURO-BOB OXY	0	0	-	0	-	0	0	-100.0%
MGN1 SWAP FUT	1	15.33	-91.8%	0.87	43.7%	5	7	-27.6%
UCM FUT	0	2.86	-100.0%	0.87	-100.0%	1	2	-17.0%
MJC FUT	16	2.86	460.0%	0.87	1739.9%	6	4	27.3%
UP DOWN GC ULSD VS NMX HO	2,770	2,051.48	35.0%	2,765.91	0.2%	2,254	2,526	-10.8%
HOUSTON SHIP CHANNEL BASI	0	100	-100.0%	0	-	20	150	-86.6%
FUEL OIL CRACK VS ICE	86	362.14	-76.1%	58.04	48.9%	184	218	-15.4%
NGPL TEXOK INDEX	0	0	-	0	-	0	2	-100.0%

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	ADV SEP 2017	ADV SEP 2016	% CHG	ADV AUG 2017	% CHG	ADV Y.T.D 2017	ADV Y.T.D 2016	% CHG
Energy Futures								
NATURAL GAS	5,582	6,355.48	-12.2%	4,172.17	33.8%	6,795	6,037	12.6%
HUSTN SHIP CHNL PIPE SWP	0	0	-	0	-	4	0	-
N ROCKIES PIPE SWAP	0	0	-	0	-	2	0	-
SOCAL PIPE SWAP	0	12.57	-100.0%	0	-	0	31	-100.0%
PANHANDLE PIPE SWAP	0	0	-	0	-	5	0	-
GAS EURO-BOB OXY NWE BARGES	1,057	829.14	27.5%	983.26	7.5%	937	683	37.2%
MONT BELVIEU NATURAL GASOLIN	306	348.19	-12.3%	100.26	204.7%	204	397	-48.6%
ONTARIO POWER SWAPS	1	1.43	-65.0%	0.43	15.0%	6	25	-75.5%
DAILY PJM	0	0	-	0	-	0	14	-100.0%
BRENT OIL LAST DAY	80,768	74,890.57	7.8%	93,001.17	-13.2%	93,266	92,765	0.5%
SINGAPORE GASOIL CALENDAR	4	1.43	204.5%	4.48	-2.9%	12	3	308.0%
MARS (ARGUS) VS WTI TRD M	1,369	576.38	137.6%	516.96	164.9%	922	524	76.1%
MARS (ARGUS) VS WTI SWAP	213	128.57	66.0%	147.83	44.4%	157	195	-19.6%
SINGAPORE JET KERO BALMO	0	4.76	-100.0%	0	-	3	1	245.4%
WTS (ARGUS) VS WTI TRD MT	26	101.19	-74.5%	70.43	-63.4%	32	57	-42.9%
DUBAI CRUDE OIL BALMO	0	0	-	0	-	0	1	-100.0%
EURO 1% FUEL OIL NEW BALM	0	0.48	-100.0%	0	-	0	1	-91.8%
PREMIUM UNLND 10P FOB MED	2	8	-76.3%	3.7	-48.6%	3	14	-79.3%
GASOIL 0.1 CRG CIF NW VS	0	0	-	0	-	0	0	-100.0%
3.5% FUEL OIL CID MED SWA	2	7.14	-79.0%	0.43	245.0%	5	12	-59.8%
JET FUEL CRG CIF NEW VS I	0	0	-	0	-	0	0	107.8%
ARGUS PROPAN FAR EST INDE	164	78.19	109.4%	215.61	-24.1%	113	73	55.6%
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	112	60.48	84.8%	211.04	-47.0%	293	168	74.6%
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	30	144.29	-79.2%	55.22	-45.7%	89	79	13.1%
GULF COAST ULSD CRACK SPR	0	0	-	0	-	21	33	-36.8%
USGC UNL 87 CRACK SPREAD	0	0	-	0	-	0	1	-100.0%
JET FUEL BRG FOB RDM VS I	0	0	-	0	-	0	0	150.9%
TENNESSEE 800 LEG NG BASI	0	0	-	0	-	0	8	-100.0%
NEPOOL W CNTR M 5MW D AH	0	0	-	0	-	0	9	-100.0%
DATED TO FRONTLINE BRENT	100	23.81	320.0%	84.78	17.9%	72	66	8.9%
PJM APS ZONE DA PEAK	0	0	-	0	-	0	0	-
PJM BGE DA PEAK	0	0	-	0	-	0	7	-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	27	-100.0%
PJM PSEG DA OFF-PEAK	0	0	-	0	-	0	867	-100.0%
PJM WESTH RT PEAK	355	972.38	-63.5%	760	-53.3%	1,080	2,884	-62.6%
ALGONQUIN CITYGATES BASIS	0	79.71	-100.0%	0	-	0	40	-100.0%
MICHCON NG INDEX SWAP	0	0	-	0	-	0	10	-100.0%
GASOIL 0.1 CIF MED SWAP	0	0	-	0	-	0	0	-100.0%
ICE GASOIL BALMO SWAP	0	0	-	0	-	0	0	-
ULSD 10PPM CIF MED SWAP	0	0	-	0	-	0	0	-33.0%
EUROPE 1% FUEL OIL NWE CA	0	0.48	-37.0%	0.87	-65.5%	4	7	-48.9%
NEW YORK HUB ZONE G PEAK	0	0	-	0	-	0	0	-
GULF COAST NO.6 FUEL OIL	2,726	2,670.05	2.1%	1,858	46.7%	2,565	2,762	-7.1%

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Energy Futures								
SINGAPORE FUEL 180CST CAL	36	27.1	32.9%	48.74	-26.1%	52	53	-2.4%
SINGAPORE FUEL OIL SPREAD	21	30.71	-30.5%	21.39	-0.2%	35	27	27.6%
NORTHERN ILLINOIS OFF-PEA	0	0	-	0	-	0	0	-
PJM ATSI ELEC	0	300.95	-100.0%	0	-	263	33	685.0%
SING FUEL	2	0.71	110.0%	0	-	0	0	134.6%
EURO-DENOMINATED PETRO PROD	8	0	-	1.04	618.7%	8	1	863.3%
DATED BRENT (PLATTS) DAILY SWA	0	9.52	-100.0%	0	-	7	1	603.7%
GAS EURO-BOB OXY NWE BARGES	204	321.95	-36.7%	313.13	-34.9%	327	332	-1.6%
MINY RBOB GAS	0	0.38	-47.5%	0.17	15.0%	0	0	-6.7%
RBOB UP-DOWN CALENDAR SWA	0	0	-	0	-	0	49	-100.0%
LA JET FUEL VS NYM NO 2 H	0	0	-	0	-	0	4	-96.9%
ANR OKLAHOMA	0	0	-	0	-	0	19	-100.0%
MICHIGAN BASIS	0	266.05	-100.0%	0	-	14	118	-88.3%
TEXAS EASTERN ZONE M-3 BA	0	316.48	-100.0%	26.26	-100.0%	46	387	-88.2%
NORTHERN NATURAL GAS VENTU	0	6.67	-100.0%	0	-	0	39	-98.9%
CIG BASIS	0	466.57	-100.0%	0	-	4	397	-99.0%
PJM DAILY	0	0	-	0	-	0	7	-100.0%
COLUMBIA GULF ONSHORE	0	0	-	0	-	7	16	-56.9%
Tetco STX Basis	0	0	-	0	-	0	9	-100.0%
Transco Zone 3 Basis	0	2.95	-100.0%	0	-	2	4	-61.7%
GULF COAST GASOLINE CLNDR	0	0	-	0	-	0	7	-100.0%
CENTERPOINT EAST INDEX	0	0	-	0	-	0	4	-100.0%
GULF COAST ULSD CALENDAR	47	37.05	28.1%	3.48	1264.2%	27	43	-37.7%
LA CARB DIESEL (OPIS) SWA	15	10.71	40.0%	19.57	-23.3%	10	35	-69.8%
EURO 3.5% FUEL OIL RDM B	14	25.05	-44.3%	9.78	42.6%	21	16	30.3%
EUROPEAN NAPHTHA BALMO	13	12.52	5.4%	14.39	-8.3%	18	8	132.9%
GASOIL MINI CALENDAR SWAP	5	5.48	-0.5%	8.17	-33.3%	7	11	-39.7%
NY ULSD (ARGUS) VS HEATING OIL	1	157.14	-99.6%	21.74	-97.2%	44	39	11.7%
PJM PECO ZONE5MW PEAK CAL MO	0	0	-	0	-	0	0	-
EUROPE 1% FUEL OIL RDM C	0	0.48	-100.0%	0.13	-100.0%	0	1	-70.7%
SAN JUAN BASIS SWAP	0	430.62	-100.0%	0	-	12	320	-96.3%
GULF COAST JET VS NYM 2 H	2,047	1,596.14	28.2%	2,487.83	-17.7%	2,133	1,564	36.3%
NYMEX ALUMINUM FUTURES	0	0	-	0	-	0	0	-
EURO 3.5% FUEL OIL SPREAD	5	27.14	-83.4%	10.13	-55.6%	23	27	-16.0%
GASOIL CALENDAR SWAP	0	0.43	-65.0%	0	-	1	2	-21.9%
BRENT FINANCIAL FUTURES	4	106.9	-96.4%	0	-	220	33	565.8%
ICE BRENT DUBAI SWAP	437	380.86	14.6%	62.3	600.6%	424	43	887.3%
GASOIL CRACK SPREAD CALEN	248	192	29.3%	197.61	25.7%	348	246	41.2%
EUROPEAN NAPHTHA CRACK SPR	307	379.14	-19.1%	294.91	4.0%	339	236	43.7%
CRUDE OIL	550	380.71	44.4%	426.26	29.0%	464	675	-31.3%
NEPOOL INTR HUB 5MW D AH	740	0	-	36.52	1926.9%	1,343	2,577	-47.9%
NEPOOL SE MASS 5MW D AH P	0	0	-	0	-	0	0	-
PJM DAYTON DA OFF-PEAK	0	285.95	-100.0%	0	-	1,128	144	680.4%
PJM JCPL DA OFF-PEAK	0	0	-	0	-	0	0	-
PJM WESTH RT OFF-PEAK	1,170	12,423.05	-90.6%	12,550.87	-90.7%	11,480	30,868	-62.8%
CHICAGO ETHANOL SWAP	4,607	5,615.05	-17.9%	5,148.04	-10.5%	5,350	4,797	11.5%
HENRY HUB BASIS SWAP	0	325.86	-100.0%	0	-	271	960	-71.7%
HENRY HUB SWAP	12,823	15,026.19	-14.7%	11,323.57	13.2%	9,132	19,942	-54.2%
PREM UNL GAS 10PPM RDM FOB B	0	0.24	-100.0%	0	-	0	0	0.5%

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Energy Futures								
PREM UNL GAS 10PPM RDM FOB S	0	0	-	0	-	0	1	-86.4%
MONT BELVIEU NORMAL BUTANE 5	1,277	2,033.29	-37.2%	1,266.13	0.9%	1,331	1,238	7.5%
MONT BELVIEU ETHANE 5 DECIMAL	897	4,027.57	-77.7%	715.48	25.4%	1,109	2,161	-48.7%
MONT BELVIEU LDH PROPANE 5 DE	4,763	5,656.14	-15.8%	4,431.43	7.5%	4,322	5,428	-20.4%
SINGAPORE 180CST BALMO	1	2.48	-79.8%	4.43	-88.7%	3	3	9.8%
PJM APS ZONE DA OFF-PEAK	0	0	-	0	-	0	0	-
GRP THREE UNL GS (PLT) VS	121	41.19	194.4%	71.52	69.5%	41	66	-37.5%
JET BARGES VS ICE GASOIL	0	0	-	0	-	0	0	-100.0%
SINGAPORE GASOIL VS ICE	90	169.76	-47.3%	299.78	-70.1%	373	99	277.7%
NATURAL GAS PEN SWP	4,511	3,670.29	22.9%	2,823.74	59.7%	4,193	5,177	-19.0%
WESTERN RAIL DELIVERY PRB	0	27.62	-100.0%	0	-	12	46	-74.2%
EUROPE DATED BRENT SWAP	30	30	0.0%	5.39	456.5%	14	141	-90.4%
SINGAPORE JET KERO GASOIL	33	55.95	-40.6%	95.65	-65.2%	96	39	142.4%
TETCO M-3 INDEX	0	2.95	-100.0%	0	-	0	43	-100.0%
PJM AECO DA PEAK	0	0	-	0	-	0	0	-
GASOIL 10PPM CARGOES CIF	0	0	-	0	-	0	0	-100.0%
WAHA BASIS	0	74.95	-100.0%	130.96	-100.0%	32	217	-85.2%
LA JET (OPIS) SWAP	69	84.52	-18.4%	142.39	-51.5%	89	97	-8.3%
NY HARBOR 1% FUEL OIL BAL	0	0	-	0	-	0	1	-75.1%
GASOIL 10PPM VS ICE SWAP	6	9.05	-33.7%	2.61	130.0%	4	5	-19.6%
NY H OIL PLATTS VS NYMEX	0	0	-	0	-	0	0	-
NYISO ZONE G 5MW D AH O P	2,393	0	-	3,662.61	-34.7%	4,152	2,035	104.0%
EUROPEAN GASOIL (ICE)	45	306.1	-85.3%	171.52	-73.7%	151	8,174	-98.1%
ULSD UP-DOWN BALMO SWP	401	421.19	-4.8%	171.74	133.6%	196	278	-29.4%
JET FUEL UP-DOWN BALMO CL	365	256.05	42.5%	262.39	39.1%	343	182	88.0%
EIA FLAT TAX ONHWAY DIESE	48	36	32.4%	4.17	1041.6%	38	53	-27.8%
NY 2.2% FUEL OIL (PLATTS	0	0	-	0	-	0	3	-100.0%
RBOB CRACK SPREAD BALMO S	0	14.29	-100.0%	0	-	0	2	-100.0%
HEATING OIL BALMO CLNDR S	0	0	-	0	-	4	2	149.1%
INDIANA MISO	0	0	-	0	-	0	1	-100.0%
PETROLEUM PRODUCTS ASIA	62	42.19	47.7%	63.48	-1.9%	94	61	53.0%
AUSTRIALIAN COKE COAL	0	32.52	-100.0%	0.43	-100.0%	5	20	-73.5%
PETROLEUM PRODUCTS	101	82.71	21.8%	146.78	-31.4%	133	54	143.2%
COAL SWAP	14	24.9	-44.8%	1.74	690.6%	8	14	-43.1%
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	363	450.86	-19.4%	273.04	33.1%	476	350	36.1%
SINGAPORE JET KEROSENE SW	26	48.1	-47.0%	67.83	-62.4%	66	30	119.9%
FLORIDA GAS ZONE3 BASIS S	0	0	-	0	-	0	29	-100.0%
TRANSCO ZONE4 BASIS SWAP	31	44.9	-31.0%	0	-	70	95	-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	0	216.67	-100.0%	261.96	-100.0%	387	87	343.3%
NGPL MIDCONTINENT INDEX	0	20.67	-100.0%	0	-	0	41	-100.0%
PANHANDLE BASIS SWAP FUTU	0	399.24	-100.0%	0	-	16	413	-96.1%
SONAT BASIS SWAP FUTURE	0	0	-	0	-	0	2	-100.0%
DIESEL 10P BRG FOB RDM VS	0	0	-	0	-	0	1	-100.0%
FUEL OIL NWE CRACK VS ICE	0	0	-	0	-	0	0	-100.0%

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Energy Futures								
EUROPE 3.5% FUEL OIL RDM	201	361.86	-44.3%	120.09	67.8%	342	309	10.6%
GULF COAST 3% FUEL OIL BA	84	28.57	193.5%	12.43	574.3%	59	33	78.0%
NY1% VS GC SPREAD SWAP	92	131.24	-30.3%	38.04	140.5%	106	111	-5.1%
GASOIL 0.1 CIF NWE VS ISE	0	0.48	-100.0%	0	-	0	0	-100.0%
JET CIF NWE VS ICE	4	1.19	244.4%	0.43	843.0%	5	4	17.3%
EUROPE JET KERO NWE CALSW	0	0	-	1.83	-91.8%	1	0	177.7%
JAPAN NAPHTHA BALMO SWAP	4	0	-	0	-	7	2	280.4%
ARGUS PROPAN(SAUDI ARAMCO	64	33.43	90.3%	57.83	10.0%	49	42	15.3%
NYISO G	0	0	-	0	-	0	0	-
NYISO J	0	0	-	0	-	0	1	-100.0%
NGPL MID-CONTINENT	18	133	-86.2%	57.91	-68.2%	22	155	-86.2%
BRENT BALMO SWAP	5	9.52	-47.5%	0	-	3	7	-54.8%
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	109	83.9	29.4%	145.3	-25.3%	135	69	97.2%
NY HARBOR RESIDUAL FUEL 1	110	174.81	-37.2%	111.22	-1.3%	120	165	-27.2%
PERMIAN BASIS SWAP	19	454.57	-95.9%	0	-	7	203	-96.4%
JAPAN C&F NAPHTHA CRACK S	31	18.48	67.8%	32.43	-4.4%	28	20	38.5%
NATURAL GAS INDEX	0	0	-	0	-	3	35	-90.2%
PETRO CRCKS & SPRDS ASIA	10	0	-	0	-	10	6	60.5%
NYISO CAPACITY	23	18.29	25.8%	8.74	163.2%	21	21	0.0%
GASOIL 0.1 ROTTERDAM BARG	1	1.19	-37.0%	0.22	245.0%	1	0	302.0%
GASOIL 0.1 CIF VS ICE GAS	0	0	-	0	-	0	0	301.5%
GRP THREE ULSD(PLT)VS HEA	313	59.76	423.6%	396.39	-21.1%	195	123	57.9%
GASOIL 0.1CIF MED VS ICE	0	2.86	-100.0%	0	-	0	1	-73.5%
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	15	-100.0%	0	-	28	116	-75.9%
PREMIUM UNLEAD 10PPM FOB	0	0.24	-100.0%	0	-	1	2	-47.8%
PJM WESTH DA OFF-PEAK	0	0	-	2,034.78	-100.0%	289	4,365	-93.4%
GASOIL 0.1 RDM BRGS VS I	0	0	-	0	-	1	0	151.3%
GASOIL 10P CRG CIF NW VS	0	0.24	-100.0%	0	-	0	0	67.5%
PJM WESTHDA PEAK	0	25	-100.0%	110.87	-100.0%	46	242	-81.0%
NEPOOL RHODE IL 5MW D AH	0	0	-	0	-	0	0	-
CHICAGO UNL GAS PL VS RBO	0	10.24	-100.0%	0	-	0	11	-100.0%
ETHANOL	301	621.1	-51.6%	396.26	-24.1%	632	674	-6.3%
NYISO ZONE A 5MW D AH O P	0	0	-	0	-	174	1,266	-86.2%
CIN HUB 5MW D AH O PK	2,370	1,114.29	112.7%	695.65	240.7%	1,734	1,582	9.7%
PJM COMED 5MW D AH O PK	0	2,228.57	-100.0%	0	-	454	1,362	-66.7%
NYISO ZONE A 5MW D AH PK	0	0	-	0	-	36	19	90.3%
SOUTH STAR TEX OKLHM KNS	0	20.67	-100.0%	0	-	0	10	-100.0%
NY 3.0% FUEL OIL (PLATTS	4	1.19	215.0%	3.26	15.0%	17	8	118.5%
ARGUS LLS VS. WTI (ARG) T	1,124	254.76	341.2%	713.74	57.5%	434	612	-29.0%
NO 2 UP-DOWN SPREAD CALEN	0	0	-	4.3	-100.0%	19	14	43.6%
N ILLINOIS HUB DAILY	0	0	-	0	-	0	0	-
PROPANE NON-LDH MT. BEL (OPIS)	264	617.29	-57.2%	212.57	24.4%	319	492	-35.2%
PROPANE NON-LDH MB (OPIS) BAL	30	102.38	-70.7%	15.52	93.3%	26	28	-8.5%
JET AV FUEL (P) CAR FM ICE GAS S	0	0.71	-100.0%	0	-	0	1	-93.0%
SINGAPORE MOGAS 92 UNLEADED	206	429.71	-52.1%	300.96	-31.6%	356	329	7.9%

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Energy Futures								
NY JET FUEL (PLATTS) HEAT OIL SW	0	0	-	0	-	0	0	-
SINGAPORE MOGAS 92 UNLEADED	0	4.76	-100.0%	1.09	-100.0%	7	16	-56.8%
ETHANOL T2 FOB ROTT INCL DUTY	170	121.95	39.1%	120.96	40.2%	179	104	72.2%
PJM WES HUB PEAK LMP 50 M	0	0	-	0	-	0	0	-
FUEL OIL (PLATS) CAR CM	0	0	-	0	-	0	6	-100.0%
FUEL OIL (PLATS) CAR CN	0	0	-	0	-	0	0	-100.0%
GROUP THREE ULSD (PLATTS)	0	0	-	0	-	1	2	-58.1%
MICHIGAN MISO	2,497	0	-	0	-	597	714	-16.4%
INDONESIAN COAL	0	0.71	-100.0%	0	-	0	1	-97.7%
NATURAL GAS FIXED PRICE SWAP F	0	0	-	0	-	2	0	-
NAT GAS BASIS SWAP	0	118.14	-100.0%	18.61	-100.0%	12	170	-93.2%
SUMAS NAT GAS PLATTS FIXED PRI	0	0	-	0	-	2	0	-
ELEC WEST POWER PEAK	0	0	-	0	-	8	0	-
ELEC WEST POWER OFF-PEAK	0	0	-	0	-	0	0	-
NY HARBOR LOW SULPUR GAS 100C	0	4.76	-100.0%	9.78	-100.0%	23	26	-13.3%
CRUDE OIL TRADE AT MARKER SIN	0	0	-	0	-	0	0	-
MINI RBOB V. EBOB(ARGUS) NWE B	50	105.9	-53.2%	125.52	-60.5%	117	63	87.4%
CANADIAN LIGHT SWEET OIL	2	101.43	-97.8%	11.74	-80.8%	39	99	-60.7%
MINI RBOB V. EBOBARG NWE BRGS	50	58.1	-13.9%	49.35	1.3%	27	12	130.6%
MINI GAS EUROBOB OXY NWE ARG	5	19.52	-73.6%	11.09	-53.5%	22	20	8.5%
MARS BLEND CRUDE OIL	25	21.43	16.7%	32.17	-22.3%	66	85	-21.5%
DY EURO 3.5% FUEL OI RDA	0	0	-	0	-	8	0	-
3.5% FUEL OIL CIF BALMO S	0	0	-	0.22	-100.0%	1	1	-16.2%
FL GAS ZONE 3 NAT GAS IND	0	0	-	0	-	0	44	-100.0%
CIG ROCKIES NG INDEX SWA	0	0	-	0	-	4	6	-31.3%
TRANSCO ZONE 6 INDEX	0	17.52	-100.0%	0	-	5	34	-86.8%
DEMARC SWING SWAP	0	2.95	-100.0%	0	-	0	0	-100.0%
NGPL MIDCONTINENT SWING S	0	0	-	0	-	0	3	-100.0%
DEMARC INDEX FUTURE	0	0	-	0	-	0	4	-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	-	0	-	4	0	-
DIESEL 10PPM BARGES FOB B	0	0	-	0	-	0	0	-
ULSD 10PPM CIF NW BALMO S	0	0	-	0	-	0	0	-
TRANSCO ZONE 3 NG INDEX S	0	0	-	0	-	33	0	-

Energy Options

PETRO OUTRIGHT EURO	0	0	-	0	-	2	0	-
PETROCHEMICALS	153	96.29	59.3%	79.7	92.5%	58	97	-39.9%
NATURAL GAS OPTION ON CALEND	20	0	-	26.09	-23.3%	42	85	-50.1%
ELEC MISO PEAK	0	0	-	0	-	4	14	-68.0%
HENRY HUB FINANCIAL LAST	233	117.05	98.9%	131.43	77.1%	176	97	80.6%
NATURAL GAS PHY	111,628	101,972.33	9.5%	88,624.74	26.0%	115,842	105,974	9.3%
CRUDE OIL OUTRIGHTS	78	0	-	333.91	-76.6%	49	12	305.6%
ELEC FINSETTLED	0	1.29	-100.0%	0	-	0	1	-100.0%

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Energy Options								
EUROPEAN JET KEROSENE NWE (P	0	0	-	0	-	0	0	-100.0%
HEATING OIL PHY	1,399	1,733	-19.3%	1,412.52	-1.0%	1,522	2,537	-40.0%
PJM MONTHLY	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	99	211.52	-53.4%	110.57	-10.8%	158	274	-42.3%
BRENT CALENDAR SWAP	3	19.05	-86.9%	0	-	28	62	-53.8%
NATURAL GAS 3 M CSO FIN	659	2,525.38	-73.9%	1,122.83	-41.3%	635	1,202	-47.2%
RBOB PHY	1,647	1,423.95	15.7%	1,780.48	-7.5%	1,345	1,823	-26.2%
SAN JUAN PIPE SWAP	45	34.29	31.3%	0	-	15	45	-66.2%
NATURAL GAS 2 M CSO FIN	225	9.52	2262.5%	0	-	43	6	574.4%
SINGAPORE JET FUEL CALEND	0	0	-	0	-	0	0	-
WTI-BRENT BULLET SWAP	3,257	388.1	739.3%	1,379.04	136.2%	1,778	848	109.8%
CRUDE OIL APO	5,624	1,625.67	245.9%	2,918.04	92.7%	2,325	1,332	74.5%
WTI CRUDE OIL 1 M CSO FI	3,288	3,210.95	2.4%	3,956.52	-16.9%	2,871	6,999	-59.0%
NATURAL GAS 6 M CSO FIN	410	0	-	86.96	371.5%	250	22	1052.9%
RBOB CALENDAR SWAP	0	7.14	-100.0%	9.78	-100.0%	13	33	-62.0%
CRUDE OIL PHY	137,878	184,889.9	-25.4%	148,778.96	-7.3%	183,114	180,992	1.2%
RBOB 1MO CAL SPD OPTIONS	43	0	-	89.13	-52.3%	26	18	45.1%
MCCLOSKEY ARA ARGS COAL	0	12.86	-100.0%	0	-	7	49	-86.0%
MCCLOSKEY RCH BAY COAL	0	0	-	0	-	0	13	-100.0%
NYISO ZONE G 5MW PEAK OPTIONS	0	0	-	0	-	105	2	4646.6%
NATURAL GAS	0	0	-	0	-	2	3	-9.5%
HUSTN SHIP CHNL PIPE SWP	0	0	-	0	-	0	0	-
N ROCKIES PIPE SWAP	0	80	-100.0%	51.04	-100.0%	21	31	-31.4%
SOCAL PIPE SWAP	0	57.14	-100.0%	0	-	0	59	-100.0%
PANHANDLE PIPE SWAP	0	0	-	0	-	15	0	-
ETHANOL SWAP	414	530.24	-21.9%	237.22	74.5%	271	306	-11.4%
SHORT TERM NATURAL GAS	495	166.67	197.2%	311.09	59.2%	392	280	40.0%
BRENT OIL LAST DAY	4,944	1,440.05	243.3%	2,765.52	78.8%	1,964	1,068	83.9%
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	14.29	-100.0%	0	-	0	2	-100.0%
HO 1 MONTH CLNDR OPTIONS	5	0	-	13.04	-61.7%	9	30	-70.0%
CRUDE OIL 1MO	11,877	14,798.81	-19.7%	8,424.09	41.0%	8,878	12,123	-26.8%
ROTTERDAM 3.5%FUEL OIL CL	0	0	-	0	-	0	3	-100.0%
SHORT TERM	288	125	130.6%	127.39	126.3%	150	138	8.6%
COAL SWAP	5	47.62	-89.5%	17.39	-71.2%	4	9	-56.4%
NYMEX EUROPEAN GASOIL OPT	0	0	-	0	-	0	0	-
NATURAL GAS 5 M CSO FIN	0	0	-	0	-	22	6	239.3%
NYMEX EUROPEAN GASOIL APO	0	0	-	0	-	0	0	-
COAL API2 INDEX	64	133.19	-51.9%	6.52	882.1%	54	807	-93.3%
COAL API4 INDEX	0	2.38	-100.0%	0	-	0	8	-100.0%
NATURAL GAS 1 M CSO FIN	1,875	97.62	1820.7%	548.91	241.6%	1,776	241	635.8%
ETHANOL	0	0	-	1.09	-100.0%	2	0	704.1%
PJM WES HUB PEAK CAL MTH	5	0	-	11.3	-55.8%	21	58	-63.9%
PJM WES HUB PEAK LMP 50MW	2	0	-	23.48	-90.6%	67	49	38.3%
GASOLINE	0	0	-	0	-	0	5	-100.0%
LLS CRUDE OIL	150	0	-	32.61	360.0%	47	62	-24.2%
1 MO GASOIL CAL SWAP SPR	0	0	-	0	-	0	0	-

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Energy Options								
NG HH 3 MONTH CAL	0	0	-	0	-	0	3	-100.0%
12 MO GASOIL CAL SWAP SPR	20	0	-	0	-	3	0	-
Metals Futures								
PALLADIUM	4,031	4,211.43	-4.3%	7,137.09	-43.5%	5,794	5,461	6.1%
NYMEX PLATINUM	26,448	21,718.67	21.8%	17,168.87	54.0%	18,922	15,385	23.0%
NYMEX HOT ROLLED STEEL	375	214.57	74.7%	318.09	17.8%	245	226	8.3%
URANIUM	1	9.52	-91.1%	10.09	-91.6%	24	35	-32.8%
COMEX SILVER	86,520	61,432.86	40.8%	113,246.09	-23.6%	91,920	71,647	28.3%
COMEX GOLD	359,205	191,550.48	87.5%	296,035.39	21.3%	278,334	228,146	22.0%
COMEX COPPER	115,477	61,619.57	87.4%	128,042.91	-9.8%	102,634	79,687	28.8%
COMEX MINY COPPER	20	12.9	55.4%	29.3	-31.6%	35	25	37.2%
COPPER	5	3.57	40.0%	18.83	-73.4%	8	18	-54.8%
E-MICRO GOLD	6,327	2,153.95	193.7%	4,664.22	35.6%	4,467	4,070	9.8%
SILVER	281	343.52	-18.3%	477.74	-41.2%	284	413	-31.1%
FERROUS PRODUCTS	3	11.05	-77.4%	9.57	-73.9%	4	4	2.8%
METALS	0	0.48	-100.0%	0	-	0	0	-100.0%
ALUMINUM	516	318.48	62.1%	849.52	-39.2%	629	417	50.9%
GOLD	0	0	-	0	-	0	0	-
Gold Kilo	15	186.38	-92.1%	12.78	15.0%	17	232	-92.9%
LNDN ZINC	1	0	-	0	-	1	1	-52.2%
IRON ORE 62 CHINA PLATTS FUTUR	29	0	-	76.96	-62.3%	46	13	248.5%
IRON ORE 62 CHINA TSI FUTURES	228	604.95	-62.3%	310.74	-26.7%	439	789	-44.3%
COMEX E-Mini GOLD	452	467.14	-3.1%	298.39	51.6%	399	521	-23.4%
COMEX E-Mini SILVER	21	50.86	-58.8%	34.57	-39.4%	40	60	-31.9%
Metals Options								
PALLADIUM	197	131.24	50.0%	585	-66.3%	262	154	70.1%
NYMEX PLATINUM	127	275	-53.9%	188.91	-33.0%	132	213	-38.0%
COMEX SILVER	6,500	6,435.43	1.0%	7,484.74	-13.2%	5,924	5,614	5.5%
COMEX GOLD	51,550	30,618.62	68.4%	43,475.96	18.6%	40,438	37,200	8.7%
COMEX COPPER	889	189.86	368.4%	453.57	96.1%	302	141	114.3%
SILVER	1	26.05	-95.6%	1.52	-24.4%	8	4	83.5%
GOLD	747	177.86	320.1%	819.83	-8.9%	613	191	221.1%
IRON ORE 62 CHINA TSI PUT OPTIO	98	240.95	-59.3%	195.65	-49.9%	126	155	-18.7%
IRON ORE 62 CHINA TSI CALL OPTIC	131	22.86	473.1%	206.52	-36.6%	84	190	-55.8%
Foreign Exchange Futures								
CHILEAN PESO	317	0	-	238.35	33.1%	124	0	235058.8%

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Ags Futures								
FERTILIZER PRODUCTS	70	0	-	34.78	101.3%	13	0	-
TOTAL FUTURES GROUP								
Interest Rate Futures	5,905,880	4,972,144.48	18.8%	5,986,651.17	-1.3%	6,122,068	5,506,958	11.2%
Equity Index Futures	2,417,223	3,000,923.38	-19.5%	1,957,393.04	23.5%	2,020,549	2,496,676	-19.1%
Metals Futures	599,953	344,910.38	73.9%	568,741.13	5.5%	504,242	407,150	23.8%
Energy Futures	2,376,932	2,123,235	11.9%	2,526,467.48	-5.9%	2,282,752	2,062,462	10.7%
FX Futures	1,154,859	904,263.05	27.7%	731,251.09	57.9%	835,125	773,112	8.0%
Commodities and Alternative Invest	924,867	784,680	17.9%	1,126,808.65	-17.9%	1,131,954	1,099,538	2.9%
Foreign Exchange Futures	317	0	-	238.35	33.1%	124	0	235058.8%
Ags Futures	70	0	-	34.78	101.3%	13	0	-
TOTAL FUTURES	13,380,101	12,130,156.29	10.3%	12,897,585.7	3.7%	12,896,827.94	12,345,896.37	4.5%
TOTAL OPTIONS GROUP								
Interest Rate Options	2,284,559	1,535,688.48	48.8%	1,766,786.3	29.3%	2,140,820	1,748,501	22.4%
Equity Index Options	645,270	750,342.43	-14.0%	725,175.35	-11.0%	669,764	621,779	7.7%
Metals Options	60,240	38,117.86	58.0%	53,411.7	12.8%	47,889	43,863	9.2%
Energy Options	286,832	315,771.29	-9.2%	263,411.39	8.9%	324,108	317,827	2.0%
FX Options	101,102	58,621.95	72.5%	85,653	18.0%	78,462	72,567	8.1%
Commodities and Alternative Invest	218,720	188,553.09	16.0%	255,498.52	-14.4%	255,150	268,360	-4.9%
TOTAL OPTIONS	3,596,722	2,887,095.09	24.6%	3,149,936.26	14.2%	3,516,192.54	3,072,897.33	14.4%
TOTAL COMBINED								
Commodities and Alternative Invest	1,143,587	973,233.09	17.5%	1,382,307.17	-17.3%	1,387,105	1,367,898	1.4%
FX	1,255,962	962,885	30.4%	816,904.09	53.7%	913,586	845,679	8.0%
Equity Index	3,062,493	3,751,265.81	-18.4%	2,682,568.39	14.2%	2,690,313	3,118,455	-13.7%
Interest Rate	8,190,439	6,507,832.95	25.9%	7,753,437.48	5.6%	8,262,888	7,255,458	13.9%
Energy	2,663,763	2,439,006.29	9.2%	2,789,878.87	-4.5%	2,606,860	2,380,289	9.5%
Metals	660,193	383,028.24	72.4%	622,152.83	6.1%	552,131	451,013	22.4%
Foreign Exchange	317	0	-	238.35	33.1%	124	0	235058.8%
Ags	70	0	-	34.78	101.3%	13	0	-
GRAND TOTAL	16,976,824	15,017,251.38	13.0%	16,047,521.96	5.8%	16,413,020.48	15,418,793.7	6.4%

*** 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.