

**CME Group Exchange ADV Report - Monthly**

April 2017

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	ADV APR 2017	ADV APR 2016	% CHG	ADV MAR 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	1	-100.0%
CDD SEASONAL STRIP	45	16.67	168.4%	10.87	311.6%	14	6	117.3%
CDD WEATHER	0	4.76	-100.0%	1,086.96	-100.0%	309	13	2204.5%
HDD WEATHER EUROPEAN	0	0	-	0	-	5	3	91.5%
HDD WEATHER	0	0	-	0	-	12	25	-52.4%
HOUSING INDEX	0	0.76	-72.4%	0.61	-65.4%	1	1	8.7%
USD CRUDE PALM OIL	13	0	-	22.61	-44.1%	15	12	23.3%
CAT EURO SEASONAL STRIP	0	11.9	-100.0%	0	-	0	1	-100.0%
MILK	1,066	1,076.81	-1.0%	1,468.43	-27.4%	1,352	1,278	5.8%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	1	-100.0%
CASH-SETTLED CHEESE	460	415.81	10.6%	689.04	-33.3%	565	468	20.7%
LIVE CATTLE	66,343	48,129.33	37.8%	67,486.13	-1.7%	62,616	52,075	20.2%
BUTTER CS	141	151.81	-7.0%	181.52	-22.2%	147	155	-5.7%
LUMBER	1,142	758.62	50.6%	649.65	75.8%	842	694	21.2%
DRY WHEY	82	34.81	136.8%	117.74	-30.0%	125	64	96.8%
CLASS IV MILK	23	69.71	-67.5%	75.09	-69.8%	67	57	17.3%
NFD MILK	121	194.86	-38.1%	232.35	-48.1%	266	220	21.1%
GSCI EXCESS RETURN FUT	83	67.57	23.4%	4,249.13	-98.0%	1,274	1,368	-6.9%
LEAN HOGS	36,344	28,064.9	29.5%	41,877.09	-13.2%	40,042	36,488	9.7%
FEEDER CATTLE	18,720	11,156.81	67.8%	13,210.91	41.7%	13,488	10,071	33.9%
MLK MID	0	0	-	0	-	0	0	-
GOLDMAN SACHS	1,705	1,314.19	29.7%	1,557.78	9.4%	1,705	1,429	19.4%
COCOA TAS	0	8.67	-98.2%	1.39	-88.7%	1	10	-93.7%
SUGAR 11	0	2.86	-100.0%	0.04	-100.0%	0	2	-86.6%
COFFEE	1	0.29	268.4%	0	-	0	1	-63.2%
COTTON	0	0.67	-92.1%	0.09	-39.5%	0	2	-97.8%
MINI WHEAT	292	394.24	-25.8%	181.7	61.0%	268	296	-9.5%
CORN	460,583	548,116	-16.0%	260,945.87	76.5%	358,559	339,783	5.5%
SOYBEAN MEAL	125,217	156,629.67	-20.1%	80,625.87	55.3%	101,842	102,992	-1.1%
SOYBEAN OIL	138,928	162,251.95	-14.4%	105,288.48	32.0%	120,993	116,783	3.6%
ROUGH RICE	1,867	1,984.62	-5.9%	531.48	251.4%	1,205	1,210	-0.5%
DOW-UBS COMMOD INDEX	3,030	1,215.67	149.3%	5,935	-48.9%	2,842	1,656	71.6%
MINI SOYBEAN	660	2,249.48	-70.6%	618	6.8%	846	1,176	-28.1%
OATS	901	1,249.29	-27.9%	573.04	57.3%	767	894	-14.2%
SOYBEAN	242,763	399,045.52	-39.2%	166,825.39	45.5%	214,905	244,963	-12.3%
MINI CORN	489	754.52	-35.2%	317.13	54.1%	439	571	-23.2%
FERTILIZER PRODUCS	64	63.57	0.6%	72.39	-11.7%	73	91	-19.7%
S&P GSCI ENHANCED ER SWAP	0	0	-	1,481.13	-100.0%	421	462	-9.0%
Intercommodity Spread	0	0	-	0	-	0	0	-
KC WHEAT	61,536	47,322.29	30.0%	36,192.04	70.0%	48,270	38,456	25.5%
MALAYSIAN PALM SWAP	517	485.71	6.4%	379.13	36.3%	478	466	2.6%
DJ_UBS ROLL SELECT INDEX FUTU	0	0	-	93.04	-100.0%	32	20	62.6%
PALM OIL	0	0	-	0	-	0	0	-
CHI WHEAT	173,324	171,978.05	0.8%	99,736.04	73.8%	137,809	123,253	11.8%

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<b>Commodities and Alternative Investments Options</b>								
HDD SEASONAL STRIP	0	0	-	0	-	0	80	-100.0%
CDD SEASONAL STRIP	95	666.67	-85.8%	43.48	117.9%	35	116	-70.2%
CDD WEATHER	0	0	-	2,043.48	-100.0%	580	4	14522.1%
HDD WEATHER EUROPEAN	0	0	-	0	-	19	22	-15.2%
HDD WEATHER	0	0	-	0	-	15	8	94.4%
HOUSING INDEX	0	0.86	-100.0%	0.26	-100.0%	0	0	315.0%
LV CATL CSO	11	0	-	2.57	310.4%	13	3	285.7%
MILK	1,586	977.81	62.2%	2,014.83	-21.3%	1,806	1,522	18.7%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	10	-100.0%
CASH-SETTLED CHEESE	368	233.48	57.8%	281.26	31.0%	375	364	3.3%
LIVE CATTLE	14,517	20,013.24	-27.5%	13,465.17	7.8%	13,054	16,004	-18.4%
BUTTER CS	53	53.76	-1.8%	35.22	49.9%	59	63	-6.8%
LUMBER	86	42.81	100.8%	43.3	98.5%	62	50	25.6%
DRY WHEY	32	10.76	196.4%	18.61	71.4%	23	5	344.0%
CLASS IV MILK	89	18.95	369.3%	57.65	54.3%	76	55	38.2%
NFD MILK	112	141.43	-21.0%	189.91	-41.2%	238	137	74.7%
LEAN HOGS	9,046	6,649.38	36.0%	8,665.48	4.4%	8,686	8,764	-0.9%
FEEDER CATTLE	2,533	1,989.62	27.3%	1,971.3	28.5%	1,756	1,626	8.0%
MLK MID	1	0.29	250.0%	3	-66.7%	4	4	10.8%
JULY-DEC WHEAT CAL SPRD	0	411.19	-100.0%	34.78	-100.0%	14	133	-89.4%
CORN	95,835	116,882.05	-18.0%	89,289.74	7.3%	87,700	90,454	-3.0%
SOYBEAN MEAL	8,006	16,237.19	-50.7%	9,173.83	-12.7%	8,653	9,005	-3.9%
SOYBEAN OIL	8,841	10,286.43	-14.1%	10,163.09	-13.0%	8,639	9,120	-5.3%
AUG-NOV SOYBEAN CAL SPRD	0	0	-	0	-	0	0	-100.0%
DEC-JULY CORN CAL SPRD	0	0	-	143.48	-100.0%	48	105	-54.3%
DEC-DEC CORN CAL SPRD	14	49.19	-72.5%	1.61	740.8%	18	75	-76.0%
NOV-JULY SOYBEAN CAL SPRD	0	0	-	1.09	-100.0%	0	0	-
JULY-JULY WHEAT CAL SPRD	0	10.95	-100.0%	0	-	0	2	-100.0%
NOV-NOV SOYBEAN CAL SPRD	1	3.76	-83.2%	0	-	1	12	-92.1%
ROUGH RICE	110	81.24	34.8%	36.43	200.6%	70	78	-11.2%
WHEAT	32	0	-	2.74	1074.0%	8	0	-
WHEAT-CORN IC SO	40	5.76	594.2%	0	-	40	70	-43.7%
CORN NEARBY+2 CAL SPRD	6	157.24	-96.5%	0.43	1183.1%	31	146	-78.5%
SOYBN NEARBY+2 CAL SPRD	11	0	-	4.35	142.1%	12	7	75.6%
WHEAT NEARBY+2 CAL SPRD	74	118.81	-38.1%	40.78	80.4%	64	218	-70.9%
SOYMEAL NEARBY+2 CAL SPRD	0	4.76	-100.0%	0	-	0	15	-100.0%
JULY-DEC CORN CAL SPRD	222	562.95	-60.6%	104.35	112.4%	93	146	-36.6%
DEC-JULY WHEAT CAL SPRD	0	0	-	0	-	0	2	-100.0%
JULY-NOV SOYBEAN CAL SPRD	490	1,087.57	-54.9%	845.83	-42.0%	644	262	146.0%
OATS	55	83.62	-34.4%	49.26	11.4%	58	74	-20.7%
SOYBEAN	55,144	137,149.76	-59.8%	68,811	-19.9%	61,717	79,800	-22.7%
JULY-DEC SOY OIL CAL SPRD	0	0	-	4.35	-100.0%	5	4	31.2%
SOYBEAN CRUSH	6	54	-89.8%	3.7	49.5%	4	19	-81.0%
AUG-DEC SOYBEAN MEAL CSO	0	0	-	0	-	0	0	-100.0%
Intercommodity Spread	0	0	-	0	-	2	16	-84.5%
KC WHEAT	2,161	2,061.33	4.8%	1,667.91	29.6%	1,752	1,376	27.3%
MAR-JULY WHEAT CAL SPRD	0	0	-	0	-	17	13	33.4%
MAR-JULY CORN CAL SPRD	0	0	-	0	-	0	10	-100.0%
CHI WHEAT	32,335	41,042.95	-21.2%	27,358.74	18.2%	30,150	27,688	8.9%

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<b>FX Futures</b>								
TURKISH LIRA	105	0.14	73083.3%	119	-12.1%	73	2	4269.1%
JAPANESE YEN	157,334	130,323.24	20.7%	175,836.96	-10.5%	168,117	145,194	15.8%
KOREAN WON	1	0.05	1116.2%	4.48	-87.1%	2	1	122.4%
CD/JY CROSS RATES	8	0	-	12	-32.5%	5	0	8863.5%
CANADIAN DOLLAR	67,227	70,562.05	-4.7%	75,047.26	-10.4%	67,938	74,196	-8.4%
AD/NE CROSS RATES	2	1.38	37.2%	1.7	11.7%	1	3	-53.3%
BRITISH POUND	105,767	93,666.1	12.9%	135,232.13	-21.8%	118,350	115,579	2.4%
RUSSIAN RUBLE	1,797	1,067.29	68.4%	3,873.57	-53.6%	2,091	1,911	9.4%
SWISS FRANC	20,622	19,013.14	8.5%	26,019.57	-20.7%	22,674	23,686	-4.3%
NEW ZEALND DOLLAR	16,839	18,831.57	-10.6%	27,738.61	-39.3%	23,630	23,565	0.3%
BP/JY CROSS RATES	167	60.86	175.2%	133.43	25.5%	123	90	37.0%
E-MICRO USD/CAD	0	0.33	-100.0%	0	-	0	0	-100.0%
E-MICRO GBP/USD	3,105	2,367.67	31.1%	2,680.7	15.8%	3,143	4,121	-23.7%
E-MICRO USD/CHF	0	0	-	0	-	0	0	-100.0%
E-MICRO EUR/USD	12,350	13,103.76	-5.8%	11,679.43	5.7%	13,142	13,381	-1.8%
E-MICRO USD/JPY	0	0.1	-100.0%	0	-	0	0	-100.0%
E-MICRO AUD/USD	3,160	4,165.14	-24.1%	4,342.22	-27.2%	3,975	4,835	-17.8%
AUSTRALIAN DOLLAR	81,763	96,264.05	-15.1%	100,759.52	-18.9%	88,581	100,411	-11.8%
E-MINI JAPANESE YEN	1,374	1,836.14	-25.1%	1,592.17	-13.7%	1,536	1,560	-1.5%
EFX/JY CROSS RATES	2,888	1,715.19	68.4%	3,763.09	-23.3%	2,549	2,152	18.4%
RMB USD	0	1.57	-93.3%	3.09	-96.6%	2	15	-86.8%
EFX/BP CROSS RATES	2,654	2,535.71	4.7%	5,324.48	-50.2%	3,060	3,794	-19.3%
EFX/SF CROSS RATES	1,397	1,411.43	-1.0%	3,202.91	-56.4%	1,694	1,896	-10.6%
INDIAN RUPEE	1,375	462.57	197.2%	1,600.61	-14.1%	1,369	636	115.2%
EC/SEK CROSS RATES	7	4.33	53.0%	42.13	-84.3%	15	14	8.3%
S.AFRICAN RAND	2,426	522.38	364.3%	3,939.91	-38.4%	2,606	961	171.0%
MEXICAN PESO	44,283	54,624.43	-18.9%	57,534.17	-23.0%	49,069	55,851	-12.1%
EURO FX	176,498	175,622.29	0.5%	252,648.35	-30.1%	211,850	196,254	7.9%
SF/JY CROSS RATES	0	0	-	0	-	0	0	-
EC/CD CROSS RATES	106	76.48	38.1%	273.78	-61.4%	151	134	12.6%
EC/NOK CROSS RATES	1	0	-	1.57	-63.0%	2	0	3459.7%
EC/AD CROSS RATES	95	84.24	13.3%	441.87	-78.4%	159	87	82.6%
BP/SF CROSS RATES	15	0.57	2552.8%	0.87	1643.1%	4	2	100.0%
E-MINI EURO FX	3,867	3,390.05	14.1%	4,448.87	-13.1%	4,125	3,767	9.5%
MICRO CHF/USD	44	63.67	-30.6%	50.13	-11.8%	44	87	-48.8%
POLISH ZLOTY (EC)	4	225.95	-98.3%	0.43	759.4%	2	79	-97.9%
AD/JY CROSS RATES	80	162.29	-50.7%	213.35	-62.5%	116	207	-44.1%
AD/CD CROSS RATES	0	0.29	10.5%	0.39	-19.3%	0	0	-5.3%
POLISH ZLOTY (US)	2	36.43	-94.2%	53.74	-96.1%	32	91	-64.5%
SKR/USD CROSS RATES	78	60.67	28.1%	244.7	-68.2%	112	104	7.5%
NKR/USD CROSS RATE	42	45.57	-7.7%	259.17	-83.8%	103	95	8.6%
BRAZIL REAL	4,478	4,037.38	10.9%	3,699.04	21.0%	4,330	3,988	8.6%
FCXRX	63	0.19	33081.4%	69.52	-9.1%	67	54	24.2%
CHINESE RENMINBI (CNH)	28	81.52	-65.9%	64.78	-57.1%	72	84	-13.6%
USDZAR	0	0	-	0	-	0	0	-100.0%
E-MICRO INR/USD	141	52.19	170.5%	111.48	26.6%	117	119	-2.0%
E-MICRO USD/CNH	0	0.57	-100.0%	0	-	0	0	-100.0%
E-MICRO JPY/USD	2,198	1,449.19	51.7%	1,905.91	15.3%	2,512	1,575	59.5%
E-MICRO CAD/USD	896	1,027.71	-12.8%	734.57	21.9%	745	976	-23.7%

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<b>FX Options</b>								
AUSTRALIAN DLR (EU)	0	2.52	-100.0%	0	-	0	5	-99.5%
JAPANESE YEN	3,512	15,933.81	-78.0%	4,066.35	-13.6%	5,470	13,575	-59.7%
EURO FX (EU)	1	130.57	-99.1%	5.3	-77.2%	3	114	-97.5%
CANADIAN DOLLAR	1,245	6,035.14	-79.4%	1,216.39	2.4%	1,636	5,775	-71.7%
BRITISH POUND	2,808	10,506.29	-73.3%	1,664.61	68.7%	3,473	9,066	-61.7%
RUSSIAN RUBLE	0	16.95	-100.0%	0	-	0	5	-100.0%
CANADIAN DOLLAR (EU)	0	1.05	-74.9%	0.39	-32.7%	1	7	-92.1%
SWISS FRANC (EU)	0	0	-	0.04	384.1%	0	0	-
SWISS FRANC	25	303.19	-91.9%	24.74	-0.4%	51	283	-81.9%
BRITISH POUND (EU)	10	52.05	-80.2%	7.26	42.1%	10	37	-72.4%
AUSTRALIAN DOLLAR	1,122	6,230.81	-82.0%	2,006.26	-44.1%	1,914	5,883	-67.5%
MEXICAN PESO	40	93.29	-57.5%	52.26	-24.1%	219	202	8.5%
EURO FX	14,100	30,284.52	-53.4%	8,404.35	67.8%	11,300	30,210	-62.6%
JAPANESE YEN (EU)	1	27.48	-94.6%	0.52	182.4%	2	24	-93.2%
CAD/USD PQO 2pm Fix	3,978	0	-	4,123.57	-3.5%	3,746	694	439.9%
AUD/USD PQO 2pm Fix	3,428	0	-	4,976.09	-31.1%	3,571	678	426.5%
JPY/USD PQO 2pm Fix	10,591	0	-	13,065.04	-18.9%	10,940	1,569	597.5%
CHF/USD PQO 2pm Fix	75	0	-	93.13	-19.6%	102	52	96.4%
EUR/USD PQO 2pm Fix	25,992	0	-	22,148.74	17.4%	19,278	2,925	559.1%
GBP/USD PQO 2pm Fix	5,837	0	-	7,741.61	-24.6%	6,318	877	620.8%

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<b>Equity Index Futures</b>								
E-MINI RUSSELL 1000	46	9.19	401.1%	90.17	-48.9%	52	21	152.9%
DJ US REAL ESTATE	970	445.9	117.4%	2,180.7	-55.5%	1,204	958	25.6%
E-MINI NASDAQ 100	230,364	238,449.67	-3.4%	247,771.04	-7.0%	211,175	260,913	-19.1%
S&P ENERGY SECTOR	556	321.81	72.7%	1,310.83	-57.6%	793	562	41.0%
S&P MATERIALS SECTOR	149	142	5.0%	691.91	-78.5%	343	340	0.7%
S&P FINANCIAL SECTOR	989	401.81	146.0%	2,045.04	-51.7%	1,127	692	62.9%
S&P HEALTH CARE SECTOR	344	329.14	4.4%	1,237.3	-72.2%	689	583	18.2%
S&P INDUSTRIAL SECTOR	106	117.86	-9.7%	497.96	-78.6%	306	530	-42.1%
S&P UTILITIES SECTOR	808	388.19	108.1%	1,935.22	-58.3%	1,087	1,184	-8.2%
S&P TECHNOLOGY SECTOR	159	99.9	59.4%	702.04	-77.3%	354	323	9.4%
S&P CONSUMER DSCRTRNRY SECTC	127	177.14	-28.6%	761.26	-83.4%	427	599	-28.7%
S&P 500	4,078	5,564.38	-26.7%	11,088.17	-63.2%	6,696	8,880	-24.6%
E-MINI MIDCAP	17,226	15,497.38	11.2%	25,780.7	-33.2%	18,909	21,451	-11.9%
NIKKEI 225 (\$) STOCK	12,782	19,936.76	-35.9%	15,660.13	-18.4%	14,126	17,018	-17.0%
NIKKEI 225 (YEN) STOCK	43,643	66,569.76	-34.4%	45,301.65	-3.7%	46,853	58,752	-20.3%
IBOVESPA INDEX	37	37.24	-0.8%	28.7	28.8%	35	35	-1.1%
S&P CONSUMER STAPLES SECTOR	197	338.29	-41.8%	1,114.39	-82.3%	492	1,253	-60.7%
E-MINI S&P500	1,441,966	1,649,457.52	-12.6%	1,880,364.52	-23.3%	1,557,768	1,875,709	-17.0%
S&P 500/VALUE	1,138	226.52	402.4%	784	45.2%	814	530	53.5%
S&P 500 GROWTH	0	0.62	-74.5%	1.61	-90.2%	1	1	-41.0%
MINI \$5 DOW	143,264	150,708.57	-4.9%	169,213.96	-15.3%	141,644	168,872	-16.1%
FT-SE 100	50	64.43	-22.9%	48.17	3.1%	78	83	-6.3%
NIFTY 50	752	333.05	125.9%	264.43	184.5%	347	465	-25.3%
E-MINI RUSSELL 1000 GROWTH	73	7.52	870.3%	28.83	153.2%	34	14	147.4%
E-MINI RUSSELL 1000 VALUE	92	48.81	88.4%	197.13	-53.4%	110	42	159.4%
NASDAQ BIOTECH	0	0	-	28.17	-100.0%	10	9	13.0%
E-MINI S&P REAL ESTATE SELECT S	278	0	-	350.7	-20.6%	224	56	298.0%
<b>Equity Index Options</b>								
E-MINI NASDAQ 100	6,634	11,732.14	-43.5%	9,579.83	-30.8%	8,342	10,191	-18.1%
S&P 500	9,342	25,528.14	-63.4%	18,851.43	-50.4%	14,239	22,517	-36.8%
EOW4 EMINI S&P 500	3,143	40,780.52	-92.3%	65,542.09	-95.2%	43,393	51,285	-15.4%
EOW2 S&P 500	3,388	4,951.33	-31.6%	9,748.39	-65.2%	7,553	6,110	23.6%
EOW1 EMINI S&P 500	68,960	31,784.1	117.0%	58,052.43	18.8%	59,315	46,471	27.6%
EOW1 S&P 500	5,114	2,517.71	103.1%	3,383.83	51.1%	3,792	2,804	35.2%
E-MINI MIDCAP	0	0	-	0	-	0	0	-100.0%
EOM S&P 500	8,755	9,136.57	-4.2%	9,473.39	-7.6%	9,115	8,213	11.0%
EOM EMINI S&P	115,851	92,505.95	25.2%	124,700.57	-7.1%	103,714	82,929	25.1%
EOW2 EMINI S&P 500	59,974	37,078.38	61.8%	50,106.3	19.7%	56,593	51,559	9.8%
E-MINI S&P500	159,051	267,163.48	-40.5%	231,863.43	-31.4%	195,660	233,682	-16.3%
MINI \$5 DOW	143	446.29	-68.0%	296.57	-51.9%	264	506	-47.8%
EOW3 EMINI S&P 500	230,770	17,779.33	1198.0%	166,563.78	38.5%	193,418	107,592	79.8%
EOW3 S&P 500	21,082	2,706.24	679.0%	17,782.65	18.6%	18,659	12,525	49.0%

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<b>Interest Rate Futures</b>								
5-YR SWAP RATE	1,985	1,618.71	22.6%	3,649.3	-45.6%	2,838	3,146	-9.8%
2-YR SWAP RATE	0	18.33	-100.0%	0	-	0	18	-100.0%
10-YR SWAP RATE	1,558	1,165.24	33.7%	4,198.52	-62.9%	2,446	2,505	-2.3%
1-MONTH EURODOLLAR	422	5.48	7600.3%	91.65	360.1%	197	78	152.7%
EURODOLLARS	2,703,638	1,962,360.14	37.8%	3,171,077.91	-14.7%	3,012,254	2,598,997	15.9%
7-YR SWAP	0	0	-	0	-	0	12	-100.0%
30-YR BOND	242,841	210,874.76	15.2%	252,966.3	-4.0%	280,836	278,584	0.8%
5-YR NOTE	724,264	530,685.95	36.5%	761,297.87	-4.9%	912,165	801,209	13.8%
10-YR NOTE	1,345,808	1,061,435.95	26.8%	1,287,341.91	4.5%	1,510,504	1,391,913	8.5%
2-YR NOTE	264,824	210,532.52	25.8%	299,720.39	-11.6%	352,206	324,898	8.4%
30-YR SWAP RATE	47	64.48	-27.8%	116.87	-60.1%	74	84	-12.6%
ULTRA T-BOND	84,895	69,353.24	22.4%	100,353.96	-15.4%	119,876	112,817	6.3%
FED FUND	201,109	102,647.57	95.9%	260,551.39	-22.8%	239,886	132,141	81.5%
Ultra 10-Year Note	78,468	45,456.81	72.6%	79,854	-1.7%	97,684	67,379	45.0%
<b>Interest Rate Options</b>								
EURO MIDCURVE	930,558	353,121.9	163.5%	862,770.57	7.9%	860,333	557,656	54.3%
EURODOLLARS	861,132	550,029.24	56.6%	862,778.91	-0.2%	792,815	667,675	18.7%
30-YR BOND	96,650	61,140.62	58.1%	94,813.22	1.9%	96,377	84,303	14.3%
5-YR NOTE	126,786	69,740.38	81.8%	167,507.61	-24.3%	141,703	94,764	49.5%
10-YR NOTE	594,538	285,168.57	108.5%	487,277.39	22.0%	529,732	390,891	35.5%
2-YR NOTE	4,366	9,092.62	-52.0%	5,147.3	-15.2%	4,589	6,682	-31.3%
ULTRA T-BOND	208	270.71	-23.0%	82.17	153.7%	111	342	-67.6%
FED FUND	0	88.48	-100.0%	70.78	-100.0%	105	376	-72.1%
Ultra 10-Year Note	32	2.24	1311.0%	232.52	-86.4%	92	170	-45.8%
<b>Energy Futures</b>								
CAISO SP15 EZGNHUB5 MW P	0	0	-	0	-	98	71	37.8%
ERCOT NORTH ZMCPE 5MW OFFPE	0	0	-	0	-	0	0	-
RBOB GAS	84	64.1	31.2%	66.09	27.3%	82	77	6.9%
ELEC ERCOT DLY PEAK	0	0	-	0	-	0	0	-
ERCOT NORTH ZMCPE 5MW OFFPE	0	0	-	0	-	0	17	-100.0%
ERCOT NORTH ZMCPE 5MW PEAK	0	0	-	17.39	-100.0%	10	1	998.9%
SINGAPORE JET KERO VS. GASOIL	0	0	-	0	-	0	0	-100.0%
PETRO OUTRIGHT EURO	324	461.86	-29.9%	358.74	-9.8%	371	450	-17.5%
MONT BELVIEU LDH PROPANE OPIS	72	5.1	1311.0%	33.65	113.6%	112	48	134.0%
MONT BELVIEU ETHANE OPIS BALM	11	3.1	240.1%	3.26	222.8%	24	8	211.9%
CONWAY NATURAL GASOLINE (OPI	11	5.43	96.8%	26.61	-59.8%	13	7	93.9%
PETROCHEMICALS	107	178.1	-40.1%	177.83	-40.0%	153	249	-38.4%
CONWAY PROPANE 5 DECIMALS S	332	392.81	-15.4%	357.43	-7.0%	404	350	15.2%
CONWAY NORMAL BUTANE (OPIS) S	44	9.71	355.1%	70.96	-37.7%	40	11	268.5%
MONT BELVIEU NORMAL BUTANE B	21	7.86	171.3%	76.09	-72.0%	52	29	81.3%
MONT BELVIEU NATURAL GASOLIN	8	10.14	-19.6%	9.13	-10.7%	17	8	115.3%
IN DELIVERY MONTH EUA	150	86.95	72.5%	0	-	35	148	-76.2%
WTS (ARGUS) VS WTI SWAP	330	0	-	161.09	104.9%	206	221	-7.0%

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<b>Energy Futures</b>								
ISO NEW ENGLAND PK LMP	0	0	-	0	-	0	0	55.5%
ELEC NYISO OFF-PEAK	0	0	-	0	-	0	0	-
ELEC MISO PEAK	0	0	-	0	-	0	1	-100.0%
TRANSCO ZONE 4 NAT GAS IN	24	23.62	3.6%	0	-	6	6	-0.7%
COLUMB GULF MAINLINE NG B	0	90.57	-100.0%	0	-	0	87	-100.0%
ONEOK OKLAHOMA NG BASIS	0	8.86	-100.0%	0	-	0	6	-100.0%
TEXAS GAS ZONE1 NG BASIS	0	0	-	0	-	0	1	-100.0%
NYISO ZONE C 5MW D AH O P	0	0	-	0	-	0	215	-100.0%
PJM NI HUB 5MW REAL TIME	36,689	9,963.81	268.2%	5,508.7	566.0%	20,272	10,820	87.4%
NYISO ZONE J 5MW D AH O P	1,232	445.33	176.6%	0	-	1,642	776	111.7%
NYISO ZONE J 5MW D AH PK	90	24.38	268.1%	101.74	-11.8%	115	57	101.5%
NEPOOL W CNT MASS 5MW D A	0	0	-	0	-	0	16	-100.0%
PJM COMED 5MW D AH PK	134	242.86	-44.7%	0	-	58	58	-0.7%
NEPOOL SE MASS 5MW D AH O	0	0	-	0	-	0	0	-
NEPOOL CNCTCT 5MW D AH O	0	567.86	-100.0%	0	-	0	47	-100.0%
NEPOOL CONECTIC 5MW D AH	0	30.24	-100.0%	0	-	0	3	-100.0%
NEPOOL NE MASS 5MW D AH P	0	0	-	0	-	0	3	-100.0%
NYISO ZONE C 5MW D AH PK	0	0	-	0	-	0	6	-100.0%
PETRO CRCKS & SPRDS NA	2,222	1,506.05	47.5%	1,752.04	26.8%	2,088	1,684	24.0%
SINGAPORE GASOIL	228	178.38	27.6%	257.65	-11.7%	268	196	36.6%
PETRO OUTRIGHT NA	700	555.67	26.0%	939.26	-25.4%	864	791	9.3%
CRUDE OIL SPRDS	462	72.29	539.6%	213.26	116.8%	309	184	68.0%
RBOB GASOLINE BALMO CLNDR	25	1.14	2069.0%	14.91	66.2%	30	44	-32.2%
GASOLINE UP-DOWN BALMO SW	0	0	-	0	-	0	3	-100.0%
COLUMBIA GULF MAIN NAT G	0	105.14	-100.0%	0	-	0	9	-100.0%
ALGON CITY GATES NAT GAS	0	81.52	-100.0%	0	-	0	25	-100.0%
SOUTHERN NAT LA NAT GAS	0	0	-	0	-	0	2	-100.0%
TENN 800 LEG NAT GAS INDE	0	0	-	0	-	0	5	-100.0%
NATURAL GAS PHY	416,378	397,624	4.7%	397,314.39	4.8%	426,458	386,828	10.2%
CRUDE OIL OUTRIGHTS	1,144	334.95	241.6%	600.87	90.4%	859	350	145.8%
ELECTRICITY OFF PEAK	0	0	-	0	-	0	93	-100.0%
ELEC FINSETTLED	0	0	-	0	-	0	5	-100.0%
PETRO CRK&SPRD EURO	375	291.38	28.6%	452.35	-17.2%	453	357	26.8%
FREIGHT MARKETS	3	9.14	-65.5%	4.61	-31.5%	4	10	-58.0%
PLASTICS	38	23.86	59.5%	15.87	139.8%	26	20	28.5%
NYH NO 2 CRACK SPREAD CAL	72	42.67	69.5%	97.39	-25.7%	91	90	1.0%
TRANSCO ZONE 6 BASIS SWAP	0	33.86	-100.0%	13.13	-100.0%	35	59	-40.0%
NYISO A	0	0	-	0	-	0	0	-
MINY NATURAL GAS	1,089	1,095.9	-0.6%	1,201.09	-9.3%	1,546	1,345	14.9%
HEATING OIL PHY	162,723	156,478.76	4.0%	152,061.7	7.0%	163,511	156,307	4.6%
DOMINION TRANSMISSION INC	167	1,220.9	-86.3%	353.35	-52.8%	481	914	-47.3%
TCO BASIS SWAP	256	11.81	2069.5%	63.78	301.7%	89	136	-34.6%
PJM MONTHLY	0	3.05	-100.0%	5.22	-100.0%	1	12	-87.3%
EL PASO PERMIAN INDEX SWA	0	0	-	0	-	0	6	-100.0%
WAHA INDEX SWAP FUTURE	0	145.71	-100.0%	0	-	0	35	-100.0%
NY HARBOR HEAT OIL SWP	171	44.14	288.0%	88.74	93.0%	124	116	6.7%
EASTERN RAIL DELIVERY CSX	11	43.33	-75.7%	32.57	-67.7%	40	59	-33.2%
HTG OIL	3	206.9	-98.8%	0	-	1	22	-97.3%
EUROPE 3.5% FUEL OIL MED	3	27.86	-88.7%	8.35	-62.2%	14	18	-25.2%

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<b>Energy Futures</b>								
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	125.48	-100.0%	0	-	0	79	-100.0%
TENNESSEE ZONE 0 BASIS SW	0	0	-	0	-	0	12	-100.0%
NEW YORK HUB ZONE J PEAK	0	0	-	0	-	0	0	-
FUELOIL SWAP:CARGOES VS.B	9	22.1	-60.2%	12	-26.8%	14	16	-12.4%
MINY HTG OIL	0	0.38	-86.2%	0.09	-39.5%	0	0	-67.4%
BRENT CALENDAR SWAP	54	127.14	-57.9%	117.57	-54.4%	143	88	62.9%
EURO GASOIL 10PPM VS ICE	0	5.71	-100.0%	0.65	-100.0%	2	3	-22.6%
WTI-BRENT CALENDAR SWAP	273	275.48	-0.9%	176.17	54.9%	405	545	-25.6%
CENTERPOINT BASIS SWAP	0	316	-100.0%	0	-	7	52	-87.4%
PJM NILL DA OFF-PEAK	26,537	5,767.62	360.1%	429.17	6083.2%	8,127	4,709	72.6%
PANHANDLE INDEX SWAP FUTU	0	0	-	0	-	0	14	-100.0%
PJM NILL DA PEAK	1,031	242.86	324.6%	22.35	4514.6%	450	193	133.5%
CIN HUB 5MW REAL TIME PK	289	81.43	255.5%	145.43	99.0%	247	271	-8.8%
MINY WTI CRUDE OIL	10,002	13,998.14	-28.5%	13,298.61	-24.8%	11,301	13,417	-15.8%
JAPAN C&F NAPHTHA SWAP	161	42.19	280.9%	60.87	164.0%	86	62	39.1%
LLS (ARGUS) VS WTI SWAP	299	233.81	28.1%	95.87	212.4%	261	283	-7.5%
RBOB PHY	195,875	168,887.86	16.0%	190,449.52	2.8%	201,039	180,272	11.5%
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	4,798	1,523.81	214.9%	3,052.17	57.2%	2,793	4,827	-42.1%
LTD NAT GAS	12,101	10,807.29	12.0%	12,415.74	-2.5%	14,283	11,739	21.7%
NORTHWEST ROCKIES BASIS S	19	1,124.57	-98.3%	2.7	618.5%	8	725	-99.0%
SINGAPORE 380CST BALMO	16	4.9	229.4%	6.87	135.2%	10	8	36.3%
PJM BGE DA OFF-PEAK	0	1,114.29	-100.0%	0	-	0	93	-100.0%
ULSD 10PPM CIF MED VS ICE	1	0	-	0	-	0	1	-67.0%
GULF COAST JET FUEL CLNDR	11	19.52	-43.9%	6	82.5%	6	8	-26.2%
HEATING OIL CRCK SPRD BAL	0	0	-	0	-	0	0	-100.0%
SINGAPORE GASOIL SWAP	460	448.29	2.7%	670.39	-31.3%	555	324	71.2%
CHICAGO ULSD PL VS HO SPR	5	11.52	-53.9%	4.57	16.4%	10	11	-15.8%
CIN HUB 5MW D AH PK	234	0	-	0	-	125	88	42.0%
PJM AD HUB 5MW REAL TIME	134	2,117.62	-93.7%	240	-44.1%	3,492	6,498	-46.3%
TC5 RAS TANURA TO YOKOHAM	0	0	-	0	-	0	0	-100.0%
Sumas Basis Swap	37	94.1	-60.7%	65.04	-43.2%	45	72	-37.0%
RBOB CRACK SPREAD	19	29.48	-35.7%	14.57	30.1%	24	75	-67.3%
NGPL TEX/OK	0	94.48	-100.0%	34.78	-100.0%	10	134	-92.7%
EURO GASOIL 10 CAL SWAP	0	0	-	0	-	0	0	-100.0%
HENRY HUB INDEX SWAP FUTU	538	2,006	-73.2%	418.7	28.6%	417	722	-42.3%
WTI-BRENT BULLET SWAP	0	0	-	8.7	-100.0%	5	2	151.4%
NYISO J OFF-PEAK	0	1.9	-100.0%	0	-	0	0	-100.0%
EAST/WEST FUEL OIL SPREAD	13	0	-	0	-	14	2	791.1%
TENNESSEE 500 LEG BASIS S	0	0	-	18.61	-100.0%	5	6	-18.3%
NORTHEN NATURAL GAS DEMAR	0	32.57	-100.0%	0	-	0	16	-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	4	-100.0%

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	ADV APR 2017	ADV APR 2016	% CHG	ADV MAR 2017	% CHG	ADV Y.T.D 2017	ADV Y.T.D 2016	% CHG
<b>Energy Futures</b>								
APPALACHIAN COAL (PHY)	0	1.67	-100.0%	0	-	0	1	-100.0%
WTI CALENDAR	1,930	1,553.86	24.2%	1,420.83	35.9%	1,845	1,539	19.9%
CINERGY HUB PEAK MONTH	0	0	-	0	-	0	0	-
CHICAGO ULSD (PLATTS) SWA	0	0	-	0	-	0	0	-
RBOB CALENDAR SWAP	382	317.05	20.4%	240.74	58.6%	363	320	13.3%
AEP-DAYTON HUB MTHLY	0	0	-	0	-	0	1	-100.0%
CRUDE OIL PHY	1,117,126	1,124,478.95	-0.7%	1,148,573.52	-2.7%	1,118,518	1,098,287	1.8%
N ILLINOIS HUB MTHLY	0	0	-	0	-	0	0	-
RBOB (PLATTS) CAL SWAP	0	0	-	0	-	0	1	-100.0%
NEW YORK ETHANOL SWAP	28	51.9	-46.3%	30.87	-9.6%	30	71	-58.1%
LA CARB DIESEL (OPIS)	0	0	-	0	-	0	0	-100.0%
GASOIL BULLET SWAP	0	0	-	0	-	0	0	-
RBOB SPREAD (PLATTS) SWAP	0	0	-	0	-	0	0	-
EURO PROPANE CIF ARA SWA	48	74.38	-35.9%	55.91	-14.7%	60	63	-4.9%
LA CARBOB GASOLINE(OPIS)S	3	10.71	-75.4%	10.87	-75.8%	9	24	-63.4%
MCCLOSKEY ARA ARG S COAL	2,016	9,254.29	-78.2%	2,165.39	-6.9%	2,625	7,118	-63.1%
MCCLOSKEY RCH BAY COAL	280	897.48	-68.8%	245.65	14.0%	317	760	-58.3%
MGF FUT	2	1.9	-3.3%	7.04	-73.8%	2	0	512.9%
MNC FUT	239	201.81	18.4%	248.91	-4.0%	224	190	18.0%
DLY GAS EURO-BOB OXY	0	0	-	0	-	0	0	-100.0%
MGN1 SWAP FUT	5	5.29	-10.4%	5.22	-9.2%	7	7	-0.2%
UCM FUT	1	0.95	10.5%	1.3	-19.3%	1	1	-28.6%
MJC FUT	0	3.33	-100.0%	6.52	-100.0%	3	4	-9.6%
UP DOWN GC ULSD VS NMX HO	1,722	2,486.95	-30.8%	1,789.61	-3.8%	2,142	2,460	-12.9%
HOUSTON SHIP CHANNEL BASI	51	5.9	763.7%	0	-	12	126	-90.5%
FUEL OIL CRACK VS ICE	146	229.05	-36.1%	249.61	-41.4%	187	203	-7.9%
NGPL TEXOK INDEX	0	0	-	0	-	0	1	-100.0%
NATURAL GAS	6,725	4,524.1	48.6%	7,379.52	-8.9%	7,419	6,261	18.5%
HUSTN SHIP CHNL PIPE SWP	0	0	-	0	-	0	0	-
N ROCKIES PIPE SWAP	0	0	-	0	-	0	0	-
SOCAL PIPE SWAP	0	0	-	0	-	0	23	-100.0%
PANHANDLE PIPE SWAP	0	0	-	37.57	-100.0%	11	0	-
GAS EURO-BOB OXY NWE BARGES	865	622.38	39.0%	1,077.7	-19.7%	1,020	701	45.4%
MONT BELVIEU NATURAL GASOLIN	134	305.19	-56.0%	189.04	-28.9%	233	363	-36.0%
ONTARIO POWER SWAPS	17	10.95	58.6%	0.43	3894.6%	8	20	-57.2%
DAILY PJM	0	0	-	0	-	0	11	-100.0%
BRENT OIL LAST DAY	96,829	106,839.43	-9.4%	93,692	3.3%	96,229	94,100	2.3%
SINGAPORE GASOIL CALENDAR	21	4.29	391.2%	32.17	-34.6%	19	3	652.2%
MARS (ARGUS) VS WTI TRD M	828	326.9	153.2%	1,096.39	-24.5%	1,185	557	112.9%
MARS (ARGUS) VS WTI SWAP	159	223.81	-28.7%	64.13	148.7%	175	215	-18.5%
SINGAPORE JET KERO BALMO	0	0	-	0	-	3	1	412.6%
WTS (ARGUS) VS WTI TRD MT	0	82.86	-100.0%	25.65	-100.0%	30	49	-39.4%
DUBAI CRUDE OIL BALMO	0	0	-	0	-	0	1	-100.0%
EURO 1% FUEL OIL NEW BALM	0	0	-	0	-	0	1	-87.1%
PREMIUM UNLD 10P FOB MED	1	22.86	-97.7%	2.7	-80.5%	3	11	-75.1%
GASOIL 0.1 CRG CIF NW VS	0	0	-	0	-	0	0	-100.0%
3.5% FUEL OIL CID MED SWA	0	18.71	-100.0%	4.91	-100.0%	10	13	-19.9%
JET FUEL CRG CIF NEW VS I	0	0	-	0	-	0	0	3.8%
ARGUS PROPAN FAR EST INDE	58	116.71	-50.0%	64.65	-9.8%	68	72	-6.6%

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<b>Energy Futures</b>								
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	157	45	249.7%	359.78	-56.3%	303	160	89.6%
GASOIL 0.1 BRGS FOB VS IC	0	0.24	-100.0%	0	-	0	0	-100.0%
NYMEX ULSD VS NYMEX HO	0	0	-	0	-	0	0	-
RBOB VS HEATING OIL SWAP	33	79.76	-58.8%	64.13	-48.7%	118	87	36.1%
GULF COAST ULSD CRACK SPR	0	71.29	-100.0%	43.48	-100.0%	12	28	-55.4%
USGC UNL 87 CRACK SPREAD	0	0	-	0	-	0	1	-100.0%
JET FUEL BRG FOB RDM VS I	0	0	-	0	-	0	0	-100.0%
TENNESSEE 800 LEG NG BASI	0	0	-	0	-	0	6	-100.0%
NEPOOL W CNTR M 5MW D AH	0	0	-	0	-	0	7	-100.0%
DATED TO FRONTLINE BRENT	18	181.9	-90.3%	0	-	51	87	-40.9%
PJM APS ZONE DA PEAK	0	0	-	0	-	0	0	-
PJM BGE DA PEAK	0	60.71	-100.0%	0	-	0	5	-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	121.43	-100.0%	0	-	0	20	-100.0%
PJM PSEG DA OFF-PEAK	0	2,228.57	-100.0%	0	-	0	650	-100.0%
PJM WESTH RT PEAK	1,675	2,781.86	-39.8%	554.13	202.2%	1,065	2,608	-59.2%
ALGONQUIN CITYGATES BASIS	0	29.05	-100.0%	0	-	0	32	-100.0%
MICHCON NG INDEX SWAP	0	0	-	0	-	0	9	-100.0%
GASOIL 0.1 CIF MED SWAP	0	0	-	0	-	0	0	-100.0%
ULSD 10PPM CIF MED SWAP	1	1.67	-52.6%	0.43	81.6%	0	0	72.8%
EUROPE 1% FUEL OIL NWE CA	8	7.05	8.3%	3.91	95.0%	7	6	9.4%
NEW YORK HUB ZONE G PEAK	0	0	-	0	-	0	0	-
GULF COAST NO.6 FUEL OIL	2,877	2,684.38	7.2%	2,778.96	3.5%	3,137	2,769	13.3%
SINGAPORE FUEL 180CST CAL	69	60.95	12.9%	34.91	97.0%	67	56	18.2%
SINGAPORE FUEL OIL SPREAD	36	13.52	163.9%	30.7	16.3%	44	31	45.4%
NORTHERN ILLINOIS OFF-PEA	0	0	-	0	-	0	0	-
PJM ATSI ELEC	0	0	-	0	-	609	141	332.6%
SING FUEL	1	0.24	121.0%	0.65	-19.3%	0	0	55.5%
EURO-DENOMINATED PETRO PROD	23	0	-	0	-	17	4	274.9%
DATED BRENT (PLATTS) DAILY SWA	0	0	-	0	-	0	1	-100.0%
GAS EURO-BOB OXY NWE BARGES	409	366.43	11.5%	356.74	14.6%	387	327	18.6%
MINY RBOB GAS	0	0.19	-17.1%	0.17	-9.2%	0	0	22.0%
RBOB UP-DOWN CALENDAR SWA	0	0	-	0	-	0	37	-100.0%
LA JET FUEL VS NYM NO 2 H	0	1.19	-100.0%	0	-	0	3	-90.7%
ANR OKLAHOMA	0	0	-	0	-	0	19	-100.0%
MICHIGAN BASIS	0	180.29	-100.0%	0	-	32	109	-70.5%
TEXAS EASTERN ZONE M-3 BA	0	484.76	-100.0%	37.22	-100.0%	93	334	-72.1%
NORTHERN NATURAL GAS VENTU	0	117.48	-100.0%	0	-	0	37	-100.0%
CIG BASIS	0	178.52	-100.0%	8.09	-100.0%	2	326	-99.3%
PJM DAILY	0	0	-	0	-	0	5	-100.0%
COLUMBIA GULF ONSHORE	0	0	-	0	-	0	16	-100.0%
Tetco STX Basis	0	0	-	0	-	0	6	-100.0%
Transco Zone 3 Basis	16	0	-	0	-	4	4	-9.0%
GULF COAST GASOLINE CLNDR	0	0	-	0	-	0	5	-100.0%
CENTERPOINT EAST INDEX	0	0	-	0	-	0	3	-100.0%
GULF COAST ULSD CALENDAR	29	39.76	-28.1%	9.3	207.2%	19	42	-53.7%

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<b>Energy Futures</b>								
LA CARB DIESEL (OPIS) SWA	8	44.52	-82.3%	5.87	34.5%	8	31	-73.0%
EURO 3.5% FUEL OIL RDAM B	19	27	-30.8%	24.22	-22.8%	28	19	49.3%
EUROPEAN NAPHTHA BALMO	20	7.24	182.9%	18.26	12.1%	19	9	111.5%
GASOIL MINI CALENDAR SWAP	4	8.24	-50.2%	11.78	-65.2%	8	11	-26.7%
NY ULSD (ARGUS) VS HEATING OIL	14	0.57	2433.0%	46.09	-68.6%	87	38	127.9%
PJM PECO ZONE5MW PEAK CAL MO	0	0	-	0	-	0	0	-
EUROPE 1% FUEL OIL RDAM C	0	0.62	-49.0%	0.43	-27.4%	0	1	-65.0%
SAN JUAN BASIS SWAP	11	538.57	-97.9%	0	-	3	302	-99.1%
GULF COAST JET VS NYM 2 H	1,394	1,529.33	-8.8%	2,519.83	-44.7%	2,169	1,542	40.7%
NYMEX ALUMINUM FUTURES	0	0	-	0	-	0	0	-
EURO 3.5% FUEL OIL SPREAD	12	23.14	-50.0%	24.83	-53.4%	23	38	-39.3%
GASOIL CALENDAR SWAP	1	6.29	-87.4%	0	-	0	1	-70.8%
BRENT FINANCIAL FUTURES	4	30.71	-87.3%	96.52	-96.0%	140	28	402.5%
ICE BRENT DUBAI SWAP	929	0	-	332.61	179.4%	520	132	294.9%
GASOIL CRACK SPREAD CALEN	452	184.76	144.6%	251.3	79.8%	403	257	56.7%
EUROPEAN NAPHTHA CRACK SPR	275	160.43	71.4%	354	-22.3%	357	275	29.9%
CRUDE OIL	176	492.1	-64.2%	623.04	-71.7%	521	607	-14.2%
NEPOOL INTR HUB 5MW D AH	3,567	598.1	496.5%	341.74	943.9%	2,858	2,242	27.5%
NEPOOL SE MASS 5MW D AH P	0	0	-	0	-	0	0	-
PJM DAYTON DA OFF-PEAK	0	380.95	-100.0%	0	-	2,617	218	1099.2%
PJM JCPL DA OFF-PEAK	0	0	-	0	-	0	0	-
PJM WESTH RT OFF-PEAK	34,394	37,139.29	-7.4%	8,348.04	312.0%	15,022	26,740	-43.8%
CHICAGO ETHANOL SWAP	5,680	4,484.19	26.7%	7,111.52	-20.1%	6,145	5,247	17.1%
HENRY HUB BASIS SWAP	538	2,058.38	-73.8%	511.65	5.2%	436	796	-45.2%
HENRY HUB SWAP	8,899	22,132.1	-59.8%	7,611.35	16.9%	7,756	19,850	-60.9%
PREM UNL GAS 10PPM RDAM FOB B	0	0	-	0.3	-100.0%	0	0	210.8%
PREM UNL GAS 10PPM RDAM FOB S	0	1.71	-100.0%	0.48	-100.0%	0	1	-63.7%
MONT BELVIEU NORMAL BUTANE 5	1,560	830.38	87.9%	1,629.7	-4.3%	1,531	1,370	11.7%
MONT BELVIEU ETHANE 5 DECIMAL	962	2,358.29	-59.2%	976.7	-1.5%	1,642	2,344	-30.0%
MONT BELVIEU LDH PROPANE 5 DE	3,376	4,047.43	-16.6%	4,871.61	-30.7%	4,672	5,339	-12.5%
SINGAPORE 180CST BALMO	6	8.62	-32.8%	2.61	121.9%	3	2	27.6%
PJM APS ZONE DA OFF-PEAK	0	0	-	0	-	0	0	-
GRP THREE UNL GS (PLT) VS	43	35.71	20.1%	40.22	6.7%	32	67	-52.7%
JET BARGES VS ICE GASOIL	0	0	-	0	-	0	0	-100.0%
SINGAPORE GASOIL VS ICE	256	49.05	421.0%	757.78	-66.3%	547	178	206.8%
NATURAL GAS PEN SWP	3,221	3,818.05	-15.6%	5,198.35	-38.0%	5,183	5,279	-1.8%
WESTERN RAIL DELIVERY PRB	10	77.86	-86.8%	5.22	96.7%	9	37	-75.5%
EUROPE DATED BRENT SWAP	0	2.38	-100.0%	16.26	-100.0%	5	106	-95.1%
SINGAPORE JET KERO GASOIL	120	38.33	212.4%	91.96	30.2%	118	57	105.8%
TETCO M-3 INDEX	0	64.38	-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	8	137.1	-94.2%	0	-	11	177	-93.9%
LA JET (OPIS) SWAP	34	83.33	-58.9%	58.7	-41.7%	86	88	-2.1%
NY HARBOR 1% FUEL OIL BAL	1	0	-	0	-	0	1	-48.5%
GASOIL 10PPM VS ICE SWAP	0	0	-	5.22	-95.0%	6	4	51.0%
NY H OIL PLATTS VS NYMEX	0	0	-	0	-	0	0	-
NYISO ZONE G 5MW D AH O P	2,463	4,801.9	-48.7%	1,340.87	83.7%	3,200	1,764	81.4%
EUROPEAN GASOIL (ICE)	110	7,519.48	-98.5%	164.3	-32.9%	137	6,247	-97.8%

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<b>Energy Futures</b>								
ULSD UP-DOWN BALMO SWP	143	266.67	-46.4%	166.74	-14.3%	211	300	-29.6%
JET FUEL UP-DOWN BALMO CL	341	227.29	50.0%	647	-47.3%	371	226	63.9%
EIA FLAT TAX ONHWAY DIESE	26	41	-35.7%	32.04	-17.7%	39	46	-14.6%
NY 2.2% FUEL OIL (PLATTS	0	0	-	0	-	0	2	-100.0%
RBOB CRACK SPREAD BALMO S	0	0	-	0	-	0	2	-100.0%
HEATING OIL BALMO CLNDR S	10	2.14	378.9%	7.61	34.9%	5	2	140.3%
INDIANA MISO	0	0	-	0	-	0	0	-100.0%
PETROLEUM PRODUCTS ASIA	110	71.24	54.5%	93.52	17.7%	93	66	40.6%
AUSTRALIAN COKE COAL	5	21.48	-76.2%	5.91	-13.7%	11	19	-40.9%
PETROLEUM PRODUCTS	171	0.57	29909.4%	110.87	54.7%	171	111	53.9%
COAL SWAP	13	10	28.9%	17.83	-27.7%	11	13	-13.3%
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	509	288.67	76.5%	513.57	-0.8%	620	401	54.7%
SINGAPORE JET KEROSENE SW	59	26.19	126.1%	40.87	44.9%	71	33	115.0%
FLORIDA GAS ZONE3 BASIS S	0	8.76	-100.0%	0	-	0	22	-100.0%
TRANSCO ZONE4 BASIS SWAP	21	193.1	-89.0%	27.91	-24.0%	73	114	-36.0%
ANR LOUISIANA BASIS SWAP	0	0	-	0	-	0	1	-100.0%
CINERGY HUB OFF-PEAK MONT	0	0	-	0	-	0	0	-100.0%
DUBAI CRUDE OIL CALENDAR	211	58.33	260.9%	238.7	-11.8%	361	120	199.9%
NGPL MIDCONTINENT INDEX	0	0	-	0	-	0	31	-100.0%
PANHANDLE BASIS SWAP FUTU	0	560.81	-100.0%	0	-	1	385	-99.8%
SONAT BASIS SWAP FUTURE	0	17.52	-100.0%	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%
EUROPE 3.5% FUEL OIL RDAM	330	263.76	25.1%	480.52	-31.3%	479	363	31.8%
GULF COAST 3% FUEL OIL BA	66	48.33	35.7%	23.61	177.8%	58	38	52.6%
NY1% VS GC SPREAD SWAP	107	104.19	3.2%	76.52	40.4%	135	119	13.6%
GASOIL 0.1 CIF NWE VS ISE	0	0	-	0	-	0	0	-100.0%
JET CIF NWE VS ICE	5	5.48	-13.5%	9.57	-50.5%	5	4	32.8%
EUROPE JET KERO NWE CALSW	1	0	-	1.57	-59.6%	1	0	293.0%
JAPAN NAPHTHA BALMO SWAP	34	0.95	3503.1%	1.3	2531.0%	10	2	398.7%
ARGUS PROPAN(SAUDI ARAMCO	45	42.1	6.9%	42.65	5.5%	52	40	29.7%
NYISO G	0	0	-	0	-	0	0	-
NYISO J	0	4.1	-100.0%	0	-	0	1	-100.0%
NGPL MID-CONTINENT	0	248.67	-100.0%	0	-	9	119	-92.3%
BRENT BALMO SWAP	6	0	-	0	-	2	9	-81.3%
ULSD 10PPM CIF MED BALMO	0	1.67	-100.0%	0	-	0	0	-100.0%
HENRY HUB SWING FUTURE	0	0	-	0	-	0	1	-100.0%
EUROPE NAPHTHA CALSWAP	138	62.48	120.3%	128.91	6.8%	135	75	79.7%
NY HARBOR RESIDUAL FUEL 1	146	144.57	0.8%	227.17	-35.8%	169	155	8.9%
PERMIAN BASIS SWAP	11	157.05	-92.8%	0	-	3	246	-98.9%
JAPAN C&F NAPHTHA CRACK S	21	10.9	94.5%	22.48	-5.6%	22	20	13.6%
NATURAL GAS INDEX	0	0	-	26.09	-100.0%	8	27	-69.5%
PETRO CRCKS & SPRDS ASIA	0	0	-	2.78	-100.0%	5	5	-14.6%
NYISO CAPACITY	9	10.24	-12.1%	43.74	-79.4%	29	19	53.1%
GASOIL 0.1 ROTTERDAM BARG	0	0	-	0.22	21.1%	1	0	366.9%
GASOIL 0.1 CIF VS ICE GAS	0	0.24	-100.0%	0	-	0	0	1147.0%

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	ADV APR 2017	ADV APR 2016	% CHG	ADV MAR 2017	% CHG	ADV Y.T.D 2017	ADV Y.T.D 2016	% CHG
<b>Energy Futures</b>								
GRP THREE ULSD(PLT)VS HEA	269	75.71	255.3%	81.52	230.0%	142	130	9.7%
GASOIL 0.1CIF MED VS ICE	0	0	-	0	-	1	1	-20.2%
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	0	-	8.7	-100.0%	65	93	-30.3%
PREMIUM UNLEAD 10PPM FOB	1	2.52	-70.8%	0.22	238.9%	0	2	-71.5%
PJM WESTH DA OFF-PEAK	0	12,257.14	-100.0%	0	-	93	4,481	-97.9%
GASOIL 0.1 RDAM BRGS VS I	6	0.48	1226.3%	0	-	1	0	211.1%
GASOIL 10P CRG CIF NW VS	0	0	-	0	-	0	0	-100.0%
PJM WESTHDA PEAK	46	667.86	-93.1%	0	-	17	247	-93.3%
NEPOOL RHODE IL 5MW D AH	0	0	-	0	-	0	0	-
CHICAGO UNL GAS PL VS RBO	0	0	-	0	-	0	8	-100.0%
ETHANOL	855	623.1	37.2%	809	5.7%	857	685	25.0%
NYISO ZONE A 5MW D AH O P	0	3,354.29	-100.0%	0	-	116	1,024	-88.7%
CIN HUB 5MW D AH O PK	2,392	1,142.86	109.3%	3,052.17	-21.6%	2,255	1,280	76.3%
PJM COMED 5MW D AH O PK	2,463	4,457.14	-44.7%	0	-	1,054	1,022	3.2%
NYISO ZONE A 5MW D AH PK	0	10	-100.0%	0	-	83	26	218.0%
SOUTH STAR TEX OKLHM KNS	0	12.57	-100.0%	0	-	0	9	-100.0%
NY 3.0% FUEL OIL (PLATTS	42	5.95	607.4%	12.39	239.8%	28	10	187.0%
ARGUS LLS VS. WTI (ARG) T	383	404.71	-5.5%	136.74	179.8%	364	574	-36.6%
NO 2 UP-DOWN SPREAD CALEN	22	4.76	369.7%	13.04	71.5%	33	14	140.3%
N ILLINOIS HUB DAILY	0	0	-	0	-	0	0	-
PROPANE NON-LDH MT. BEL (OPIS)	275	571.24	-51.9%	436.3	-37.0%	453	550	-17.8%
PROPANE NON-LDH MB (OPIS) BAL	6	0	-	22.61	-71.6%	43	24	79.0%
JET AV FUEL (P) CAR FM ICE GAS S	0	0.9	-100.0%	0	-	0	1	-100.0%
SINGAPORE MOGAS 92 UNLEADED	404	351.43	14.9%	238.35	69.3%	426	477	-10.6%
NY JET FUEL (PLATTS) HEAT OIL SW	0	0	-	0	-	0	0	-
SINGAPORE MOGAS 92 UNLEADED	17	64.29	-74.2%	0	-	5	24	-77.9%
ETHANOL T2 FOB ROTT INCL DUTY	187	144.43	29.5%	126.83	47.5%	183	132	38.8%
PJM WES HUB PEAK LMP 50 M	0	0	-	0	-	0	0	-
FUEL OIL (PLATS) CAR CM	0	0	-	0	-	0	5	-100.0%
FUEL OIL (PLATS) CAR CN	0	0	-	0	-	0	0	-100.0%
GROUP THREE ULSD (PLATTS)	0	0	-	0	-	0	1	-100.0%
MICHIGAN MISO	0	0	-	0	-	768	535	43.5%
INDONESIAN COAL	0	0	-	0	-	0	1	-92.9%
ETHANOL FWD	42	28.29	49.6%	12.09	250.1%	29	33	-10.4%
NATURAL GAS FIXED PRICE SWAP F	0	0	-	0	-	0	0	-
NAT GAS BASIS SWAP	24	180.29	-86.8%	0	-	21	151	-85.8%
SUMAS NAT GAS PLATTS FIXED PRI	0	0	-	0	-	0	0	-
ELEC WEST POWER PEAK	0	0	-	0	-	19	21	-11.1%
ELEC WEST POWER OFF-PEAK	0	0	-	0	-	0	7	-100.0%
NY HARBOR LOW SULPUR GAS 100C	18	82.14	-77.9%	42.39	-57.2%	27	26	2.6%
CRUDE OIL TRADE AT MARKER SIN	0	0	-	0	-	0	0	-
MINI RBOB V. EBOB(ARGUS) NWE B	173	52.81	227.8%	80.61	114.7%	121	86	40.5%
CANADIAN LIGHT SWEET OIL	15	17.86	-13.3%	15.65	-1.1%	32	83	-61.9%
MINI RBOB V. EBOBARG NWE BRGS	12	0	-	0	-	15	15	-5.5%
MINI GAS EUROBOB OXY NWE ARG	27	20.29	32.1%	20.13	33.1%	20	22	-5.7%
MARS BLEND CRUDE OIL	241	20.86	1056.0%	16.04	1402.8%	121	79	53.5%
DY EURO 3.5% FUEL OI RDA	0	0	-	0	-	19	0	-

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<b>Energy Futures</b>								
3.5% FUEL OIL CIF BALMO S	3	0.95	176.3%	0.22	1110.5%	2	2	33.2%
FL GAS ZONE 3 NAT GAS IND	0	0	-	0	-	0	33	-100.0%
CIG ROCKIES NG INDEX SWA	0	0	-	31.3	-100.0%	9	4	112.5%
TRANSCO ZONE 6 INDEX	0	81.9	-100.0%	0	-	11	27	-60.5%
DEMARC SWING SWAP	0	0	-	0	-	0	0	-100.0%
NGPL MIDCONTINENT SWING S	0	0	-	0	-	0	2	-100.0%
DEMARC INDEX FUTURE	0	0	-	0	-	0	3	-100.0%
CAISO SP15 EZGNHUB5 PEAK	0	0	-	0	-	0	0	-
TCO NG INDEX SWAP	0	0	-	0	-	0	1	-100.0%
ELEC ERCOT DLY OFF PK	0	0	-	0	-	0	0	-
TRANSCO ZONE 3 NG INDEX S	329	0	-	0	-	77	0	-
<b>Energy Options</b>								
PETRO OUTRIGHT EURO	0	0	-	0	-	4	0	-
PETROCHEMICALS	41	125.71	-67.0%	17.26	140.3%	55	81	-31.2%
NATURAL GAS OPTION ON CALEND	6	1.9	231.6%	137.39	-95.4%	47	111	-57.9%
ELEC MISO PEAK	0	0	-	35.65	-100.0%	10	14	-25.4%
HENRY HUB FINANCIAL LAST	183	46.57	293.3%	119.74	53.0%	199	115	73.7%
NATURAL GAS PHY	108,456	89,321.71	21.4%	112,085.04	-3.2%	124,560	108,494	14.8%
CRUDE OIL OUTRIGHTS	0	0	-	0	-	0	9	-100.0%
ELEC FINSETTLED	0	1.76	-100.0%	0	-	0	1	-100.0%
EUROPEAN JET KEROSENE NWE (P	0	0	-	0	-	0	0	-100.0%
HEATING OIL PHY	1,399	2,547.67	-45.1%	1,289.83	8.5%	1,317	2,426	-45.7%
PJM MONTHLY	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	168	130.76	28.4%	108.87	54.2%	151	269	-43.8%
BRENT CALENDAR SWAP	1	190.48	-99.4%	0	-	24	60	-59.5%
NATURAL GAS 3 M CSO FIN	303	1,053.57	-71.3%	378.26	-20.0%	243	905	-73.2%
RBOB PHY	1,888	2,308.67	-18.2%	1,055.3	78.9%	1,156	1,550	-25.4%
SAN JUAN PIPE SWAP	14	53.43	-73.4%	11.74	21.1%	11	36	-69.3%
NATURAL GAS 2 M CSO FIN	0	0	-	86.96	-100.0%	34	18	89.9%
SINGAPORE JET FUEL CALEND	0	0	-	0	-	0	6	-100.0%
WTI-BRENT BULLET SWAP	1,646	257.14	540.1%	1,721.74	-4.4%	2,360	1,110	112.6%
CRUDE OIL APO	2,117	1,028.1	105.9%	975.78	117.0%	1,703	1,624	4.8%
WTI CRUDE OIL 1 M CSO FI	1,432	6,671.86	-78.5%	3,117.39	-54.1%	2,460	7,348	-66.5%
NATURAL GAS 6 M CSO FIN	0	0	-	874.78	-100.0%	418	45	834.6%
RBOB CALENDAR SWAP	24	47.62	-49.2%	4.57	430.3%	25	27	-6.6%
CRUDE OIL PHY	214,072	179,457.9	19.3%	227,993.3	-6.1%	187,009	184,583	1.3%
RBOB 1MO CAL SPD OPTIONS	0	80.95	-100.0%	0	-	0	47	-100.0%
MCCLOSKEY ARA ARGS COAL	0	57.14	-100.0%	23.48	-100.0%	7	38	-82.3%
MCCLOSKEY RCH BAY COAL	0	21.43	-100.0%	0	-	0	10	-100.0%
NYISO ZONE G 5MW PEAK OPTIONS	0	0	-	0	-	245	44	452.8%
NATURAL GAS	13	0	-	0	-	3	2	55.6%
HUSTN SHIP CHNL PIPE SWP	0	0	-	0	-	0	0	-
N ROCKIES PIPE SWAP	24	30	-21.1%	19.57	21.1%	19	26	-28.4%
SOCAL PIPE SWAP	0	0	-	0	-	0	44	-100.0%
PANHANDLE PIPE SWAP	0	0	-	125.22	-100.0%	36	0	-
ETHANOL SWAP	311	461	-32.5%	229.87	35.3%	277	354	-21.7%

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<b>Energy Options</b>								
SHORT TERM NATURAL GAS	156	304.62	-48.8%	319.56	-51.2%	340	276	23.2%
BRENT OIL LAST DAY	1,295	426.9	203.3%	1,111.83	16.5%	1,106	1,252	-11.7%
SINGAPORE GASOIL CALENDAR	0	0	-	0	-	0	0	-
EURO-DENOMINATED PETRO PROD	0	0	-	0	-	0	0	-
HEATING OIL CRK SPD AVG PRICE	0	0	-	0	-	0	1	-100.0%
HO 1 MONTH CLNDR OPTIONS	68	47.62	43.7%	0	-	16	23	-31.5%
CRUDE OIL 1MO	6,514	9,090.29	-28.3%	9,395.7	-30.7%	8,194	11,928	-31.3%
ROTTERDAM 3.5%FUEL OIL CL	0	0	-	0	-	0	3	-100.0%
SHORT TERM	80	146.95	-45.4%	61.96	29.5%	98	126	-22.3%
COAL SWAP	0	2.86	-100.0%	1.96	-100.0%	3	7	-58.1%
NYMEX EUROPEAN GASOIL OPT	0	0	-	0	-	0	0	-
NATURAL GAS 5 M CSO FIN	43	30.95	40.3%	51.09	-15.0%	50	5	950.0%
NYMEX EUROPEAN GASOIL APO	0	0	-	0	-	0	0	-100.0%
COAL API2 INDEX	76	1,189.52	-93.6%	76.09	0.0%	74	629	-88.3%
COAL API4 INDEX	0	6.19	-100.0%	0	-	0	7	-100.0%
NATURAL GAS 1 M CSO FIN	5,774	125	4518.9%	769.57	650.3%	2,046	669	205.6%
ETHANOL	1	0	-	1.52	-48.1%	5	2	152.3%
PJM WES HUB PEAK CAL MTH	25	0	-	9.57	164.1%	31	46	-31.4%
PJM WES HUB PEAK LMP 50MW	92	7.81	1080.7%	74.35	24.0%	122	47	158.6%
GASOLINE	0	0	-	0	-	0	3	-100.0%
LLS CRUDE OIL	0	87.14	-100.0%	78.26	-100.0%	63	47	35.3%
1 MO GASOIL CAL SWAP SPR	0	0	-	0	-	0	0	-
NG HH 3 MONTH CAL	0	0	-	0	-	0	2	-100.0%

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<b>Metals Futures</b>								
PALLADIUM	5,151	4,470.81	15.2%	4,274.26	20.5%	5,553	5,698	-2.5%
NYMEX PLATINUM	14,767	11,845.62	24.7%	22,417.09	-34.1%	17,638	15,849	11.3%
NYMEX HOT ROLLED STEEL	62	408.38	-84.8%	125.96	-50.6%	154	214	-28.1%
URANIUM	11	53.33	-80.3%	32.35	-67.5%	31	30	2.3%
COMEX SILVER	111,625	94,003.19	18.7%	65,038.48	71.6%	84,446	72,297	16.8%
COMEX GOLD	242,746	185,831.24	30.6%	266,059.43	-8.8%	260,528	228,432	14.1%
COMEX COPPER	119,304	96,135.43	24.1%	79,265.48	50.5%	100,435	85,415	17.6%
COMEX MINY COPPER	42	25.14	65.4%	44.78	-7.2%	45	26	68.4%
COPPER	16	24	-32.7%	6.13	163.6%	11	15	-26.0%
E-MICRO GOLD	4,472	4,150.14	7.8%	4,309.09	3.8%	4,262	3,877	9.9%
SILVER	244	473.24	-48.4%	194.26	25.8%	243	405	-39.9%
FERROUS PRODUCTS	2	18.57	-91.5%	0.65	142.1%	3	4	-31.2%
METALS	0	0	-	0	-	0	0	-100.0%
ALUMINUM	105	131.29	-19.8%	219.13	-52.0%	318	165	92.6%
GOLD	0	0	-	0	-	0	0	-100.0%
Gold Kilo	12	183.86	-93.4%	14.04	-13.8%	20	223	-91.0%
LNDN ZINC	1	0	-	0	-	0	1	-52.7%
Aluminium MW Trans Prem Platts	261	278.71	-6.5%	230.13	13.3%	429	273	56.9%
IRON ORE 62 CHINA PLATTS FUTUR	0	0	-	13.04	-100.0%	16	12	31.5%
IRON ORE 62 CHINA TSI FUTURES	597	946.33	-36.9%	570.22	4.8%	544	791	-31.3%
COMEX E-Mini GOLD	388	556.76	-30.3%	477.43	-18.8%	474	517	-8.3%
COMEX E-Mini SILVER	38	66.14	-42.7%	37.39	1.3%	42	59	-29.3%
<b>Metals Options</b>								
PALLADIUM	247	95.43	159.3%	91.09	171.7%	168	167	0.5%
NYMEX PLATINUM	137	200.48	-31.9%	52.7	159.2%	128	211	-39.5%
COMEX SILVER	5,989	7,353.43	-18.6%	5,637	6.2%	5,169	5,459	-5.3%
COMEX GOLD	41,263	32,001.81	28.9%	40,277.65	2.4%	38,694	39,349	-1.7%
COMEX COPPER	210	101.05	107.8%	179.48	17.0%	197	153	28.8%
SILVER	6	0.1	6423.6%	6.04	2.8%	7	11	-32.6%
GOLD	577	163.71	252.2%	599.65	-3.8%	496	237	109.3%
IRON ORE 62 CHINA TSI PUT OPTIO	24	140	-82.7%	297.39	-91.9%	157	129	21.8%
IRON ORE 62 CHINA TSI CALL OPTIC	171	220.76	-22.5%	65.22	162.3%	97	158	-38.7%
<b>Foreign Exchange Futures</b>								
CHILEAN PESO	37	0	-	13.35	178.4%	19	0	46825.9%
<b>Ags Futures</b>								
WHEAT	629	0	-	443.43	41.8%	529	308	71.8%

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<b>Ags Options</b>								
WHEAT	0	0	-	0.43	-100.0%	0	2	-92.4%
<b>TOTAL FUTURES GROUP</b>								
Interest Rate Futures	5,649,858	4,196,219.19	34.6%	6,221,220.09	-9.2%	6,530,966	5,713,783	14.3%
Equity Index Futures	1,900,192	2,149,673.48	-11.6%	2,409,478.74	-21.1%	2,005,698	2,419,876	-17.1%
Metals Futures	499,844	399,602.19	25.1%	443,329.35	12.7%	475,191	414,304	14.7%
Energy Futures	2,192,977	2,165,983.29	1.2%	2,098,767.17	4.5%	2,170,584	2,107,035	3.0%
FX Futures	715,285	698,957.86	2.3%	905,705.65	-21.0%	798,290	781,555	2.1%
Commodities and Alternative Invest	1,336,462	1,585,222.38	-15.7%	892,713.17	49.7%	1,112,593	1,077,516	3.3%
Foreign Exchange Futures	37	0	-	13.35	178.4%	19	0	46825.9%
Ags Futures	629	0	-	443.43	41.8%	529	308	71.8%
<b>TOTAL FUTURES</b>	<b>12,295,284</b>	<b>11,195,658.38</b>	<b>9.8%</b>	<b>12,971,670.96</b>	<b>-5.2%</b>	<b>13,093,869.12</b>	<b>12,514,375.44</b>	<b>4.6%</b>
<b>TOTAL OPTIONS GROUP</b>								
Interest Rate Options	2,614,270	1,328,654.76	96.8%	2,480,680.48	5.4%	2,425,856	1,802,859	34.6%
Equity Index Options	692,206	544,110.19	27.2%	765,944.7	-9.6%	714,058	636,383	12.2%
Metals Options	48,623	40,276.76	20.7%	47,206.22	3.0%	45,112	45,873	-1.7%
Energy Options	346,224	295,361.24	17.2%	362,363.17	-4.5%	334,520	324,469	3.1%
FX Options	72,768	69,617.67	4.5%	69,596.65	4.6%	68,036	71,981	-5.5%
Commodities and Alternative Invest	231,907	357,089.81	-35.1%	236,573	-2.0%	226,543	247,686	-8.5%
Ags Options	0	0	-	0.43	-100.0%	0	2	-92.4%
<b>TOTAL OPTIONS</b>	<b>4,005,997</b>	<b>2,635,110.43</b>	<b>52.0%</b>	<b>3,962,364.65</b>	<b>1.1%</b>	<b>3,814,123.64</b>	<b>3,129,252.49</b>	<b>21.9%</b>
<b>TOTAL COMBINED</b>								
Commodities and Alternative Invest	1,568,369	1,942,312.19	-19.3%	1,129,286.17	38.9%	1,339,136	1,325,201	1.1%
FX	788,053	768,575.52	2.5%	975,302.3	-19.2%	866,326	853,536	1.5%
Equity Index	2,592,398	2,693,783.67	-3.8%	3,175,423.44	-18.4%	2,719,755	3,056,258	-11.0%
Interest Rate	8,264,128	5,524,873.95	49.6%	8,701,900.57	-5.0%	8,956,821	7,516,642	19.2%
Energy	2,539,200	2,461,344.52	3.2%	2,461,130.35	3.2%	2,505,103	2,431,504	3.0%
Metals	548,467	439,878.95	24.7%	490,535.57	11.8%	520,303	460,177	13.1%
Foreign Exchange	37	0	-	13.35	178.4%	19	0	46825.9%
Ags	629	0	-	443.87	41.7%	529	310	70.9%
<b>GRAND TOTAL</b>	<b>16,301,282</b>	<b>13,830,768.81</b>	<b>17.9%</b>	<b>16,934,035.61</b>	<b>-3.7%</b>	<b>16,907,992.76</b>	<b>15,643,627.92</b>	<b>8.1%</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.

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