

# CME Group Exchange ADV Report - Monthly

February 2017

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	ADV FEB 2017	ADV FEB 2016	% CHG	ADV JAN 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	0	0	-	0	-	0	6	-100.0%
CDD WEATHER	0	0	-	0	-	0	13	-100.0%
HDD WEATHER EUROPEAN	5	25	-78.9%	15	-64.9%	10	3	297.6%
HDD WEATHER	8	7.6	3.9%	40	-80.3%	24	25	-1.1%
HOUSING INDEX	0	0.4	5.3%	1.25	-66.3%	1	1	46.1%
USD CRUDE PALM OIL	2	0	-	22.2	-90.5%	12	12	-0.4%
CAT EURO SEASONAL STRIP	0	0	-	0	-	0	1	-100.0%
MILK	1,474	1,028.7	43.3%	1,371.95	7.4%	1,422	1,278	11.3%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	1	-100.0%
CASH-SETTLED CHEESE	636	580.5	9.6%	453.7	40.3%	543	468	16.0%
LIVE CATTLE	50,440	47,810.4	5.5%	65,043.35	-22.5%	57,929	52,075	11.2%
BUTTER CS	138	217.9	-36.7%	119.65	15.3%	129	155	-17.3%
LUMBER	1,059	720.75	46.9%	570	85.7%	808	694	16.4%
DRY WHEY	160	67.65	136.1%	142	12.5%	151	64	136.6%
CLASS IV MILK	137	13	953.0%	31.7	331.8%	83	57	46.2%
NFD MILK	470	265.55	76.9%	249.6	88.2%	357	220	62.4%
GSCI EXCESS RETURN FUT	122	31.35	287.8%	79.5	52.9%	100	1,368	-92.7%
LEAN HOGS	39,075	32,271.45	21.1%	42,364.9	-7.8%	40,762	36,488	11.7%
FEEDER CATTLE	12,058	10,050.8	20.0%	10,195.45	18.3%	11,103	10,071	10.2%
MLK MID	0	0	-	0	-	0	0	-
GOLDMAN SACHS	1,746	1,342.8	30.0%	1,836.55	-4.9%	1,792	1,429	25.5%
COCOA TAS	1	13.9	-95.5%	0.3	110.5%	0	10	-95.5%
SUGAR 11	0	2.4	-93.4%	0.7	-77.4%	0	2	-73.7%
COFFEE	0	1.65	-100.0%	0	-	0	1	-100.0%
COTTON	0	12.75	-100.0%	0.05	-100.0%	0	2	-98.9%
MINI WHEAT	352	221	59.5%	264.35	33.3%	307	296	3.7%
CORN	441,014	392,924.1	12.2%	295,561.1	49.2%	366,423	339,783	7.8%
SOYBEAN MEAL	113,534	102,773.2	10.5%	92,924.95	22.2%	102,965	102,992	0.0%
SOYBEAN OIL	144,082	115,545.5	24.7%	100,081.45	44.0%	121,517	116,783	4.1%
ROUGH RICE	1,988	1,777.8	11.9%	604.5	228.9%	1,279	1,210	5.6%
DOW-UBS COMMOD INDEX	861	963.05	-10.6%	987.85	-12.9%	926	1,656	-44.1%
MINI SOYBEAN	1,080	579.7	86.3%	1,061.35	1.8%	1,070	1,176	-9.0%
OATS	878	1,277.15	-31.2%	756.45	16.1%	816	894	-8.7%
SOYBEAN	273,532	260,188.85	5.1%	188,034.65	45.5%	229,687	244,963	-6.2%
MINI CORN	564	365	54.6%	411.45	37.1%	486	571	-14.9%
ETHANOL	823	596.15	38.0%	945.1	-13.0%	885	685	29.2%
FERTILIZER PRODUCS	73	165	-55.5%	81	-9.4%	77	91	-14.7%
S&P GSCI ENHANCED ER SWAP	0	0	-	0	-	0	462	-100.0%
Intercommodity Spread	0	0	-	0	-	0	0	-
KC WHEAT	55,589	43,551.8	27.6%	42,604.65	30.5%	48,930	38,456	27.2%
MALAYSIAN PALM SWAP	669	432.2	54.8%	374.6	78.6%	518	466	11.2%
DJ_UBS ROLL SELECT INDEX FUTU	9	4.15	108.0%	16.4	-47.4%	13	20	-36.9%
PALM OIL	0	0	-	0	-	0	0	-
CHI WHEAT	167,943	161,237.2	4.2%	119,226.05	40.9%	142,960	123,253	16.0%

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<b>Commodities and Alternative Investments Options</b>								
HDD SEASONAL STRIP	0	0	-	0	-	0	80	-100.0%
CDD SEASONAL STRIP	0	0	-	0	-	0	116	-100.0%
CDD WEATHER	0	0	-	0	-	0	4	-100.0%
HDD WEATHER EUROPEAN	79	275	-71.3%	0	-	38	22	76.2%
HDD WEATHER	53	0	-	12.5	321.1%	32	8	303.8%
HOUSING INDEX	1	0	-	0	-	0	0	546.4%
LV CATL CSO	22	1.25	1697.9%	18.45	21.8%	20	3	504.4%
MILK	1,810	1,149.9	57.4%	1,772.8	2.1%	1,791	1,522	17.7%
HDD EURO SEASONAL STRIP	0	0	-	0	-	0	10	-100.0%
CASH-SETTLED CHEESE	456	334.1	36.5%	413.95	10.2%	435	364	19.5%
LIVE CATTLE	11,167	18,147.75	-38.5%	12,985.35	-14.0%	12,100	16,004	-24.4%
BUTTER CS	43	98.9	-56.1%	105.6	-58.9%	75	63	19.7%
LUMBER	70	51	37.2%	54.8	27.6%	62	50	25.1%
DRY WHEY	10	6.15	67.7%	33.05	-68.8%	22	5	317.9%
CLASS IV MILK	115	10.65	980.3%	48.1	139.2%	81	55	46.6%
NFD MILK	415	167.25	148.1%	246.95	68.1%	329	137	140.9%
LEAN HOGS	10,248	6,508.2	57.5%	6,883.4	48.9%	8,522	8,764	-2.8%
FEEDER CATTLE	1,045	1,395.9	-25.2%	1,444.5	-27.7%	1,250	1,626	-23.1%
MLK MID	2	0.9	163.2%	9.8	-75.8%	6	4	68.5%
JULY-DEC WHEAT CAL SPRD	0	333.75	-100.0%	17.5	-100.0%	9	133	-93.3%
CORN	96,540	62,195.35	55.2%	69,746.2	38.4%	82,800	90,454	-8.5%
SOYBEAN MEAL	7,589	7,173.35	5.8%	9,680.75	-21.6%	8,662	9,005	-3.8%
SOYBEAN OIL	8,168	7,874.3	3.7%	7,140.2	14.4%	7,641	9,120	-16.2%
AUG-NOV SOYBEAN CAL SPRD	0	0	-	0	-	0	0	-100.0%
DEC-JULY CORN CAL SPRD	0	0	-	30	-100.0%	15	105	-85.4%
DEC-DEC CORN CAL SPRD	1	35	-98.5%	57.15	-99.1%	30	75	-60.3%
JULY-JULY WHEAT CAL SPRD	0	0	-	0	-	0	2	-100.0%
NOV-NOV SOYBEAN CAL SPRD	0	0	-	3.2	-100.0%	2	12	-86.1%
ROUGH RICE	62	126.85	-51.0%	77.15	-19.4%	70	78	-11.0%
WHEAT	0	0	-	0	-	0	0	-
WHEAT-CORN ICSO	92	7.05	1209.4%	34.85	164.9%	63	70	-10.8%
CORN NEARBY+2 CAL SPRD	52	51.6	0.0%	72	-28.4%	62	146	-57.5%
SOYBN NEARBY+2 CAL SPRD	11	2.5	342.1%	22.5	-50.9%	17	7	150.7%
WHEAT NEARBY+2 CAL SPRD	87	515.1	-83.2%	58.3	48.8%	72	218	-67.0%
SOYMEAL NEARBY+2 CAL SPRD	0	0	-	0	-	0	15	-100.0%
JULY-DEC CORN CAL SPRD	32	122.5	-74.2%	15	110.5%	23	146	-84.2%
DEC-JULY WHEAT CAL SPRD	0	0	-	0	-	0	2	-100.0%
JULY-NOV SOYBEAN CAL SPRD	533	126.6	320.6%	665.35	-20.0%	601	262	129.3%
OATS	50	34.05	47.6%	80.3	-37.4%	66	74	-10.9%
SOYBEAN	61,097	63,560.1	-3.9%	60,391.75	1.2%	60,736	79,800	-23.9%
JULY-DEC SOY OIL CAL SPRD	5	0	-	11.75	-57.4%	8	4	109.0%
SOYBEAN CRUSH	0	33.5	-99.2%	5	-94.7%	3	19	-85.9%
AUG-DEC SOYBEAN MEAL CSO	0	0	-	0	-	0	0	-100.0%
Intercommodity Spread	5	80	-93.4%	5.05	4.2%	5	16	-67.9%
KC WHEAT	1,640	1,647.6	-0.4%	1,564.65	4.8%	1,601	1,376	16.4%
MAR-JULY WHEAT CAL SPRD	30	80	-62.4%	39.85	-24.5%	35	13	177.0%
MAR-JULY CORN CAL SPRD	0	2.05	-100.0%	0	-	0	10	-100.0%
CHI WHEAT	32,819	25,160.25	30.4%	28,748.65	14.2%	30,731	27,688	11.0%

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<b>FX Futures</b>								
TURKISH LIRA	5	0	-	54	-90.8%	30	2	1706.2%
JAPANESE YEN	144,206	199,857.1	-27.8%	192,200.15	-25.0%	168,818	145,194	16.3%
KOREAN WON	2	0.75	124.6%	0.1	1584.2%	1	1	6.1%
CD/JY CROSS RATES	0	0.2	-100.0%	0.1	-100.0%	0	0	-13.8%
CANADIAN DOLLAR	57,571	74,358.4	-22.6%	70,287.65	-18.1%	64,093	74,196	-13.6%
AD/NE CROSS RATES	1	3.3	-60.1%	0.5	163.2%	1	3	-69.1%
BRITISH POUND	103,953	101,248.1	2.7%	124,568.05	-16.5%	114,525	115,579	-0.9%
RUSSIAN RUBLE	1,121	1,377.2	-18.6%	1,241.5	-9.7%	1,183	1,911	-38.1%
SWISS FRANC	19,580	27,980.8	-30.0%	23,716.35	-17.4%	21,701	23,686	-8.4%
NEW ZEALND DOLLAR	22,034	17,501.8	25.9%	26,875	-18.0%	24,516	23,565	4.0%
BP/JY CROSS RATES	66	76.8	-14.3%	123.25	-46.6%	95	90	6.1%
E-MICRO USD/CAD	0	0.1	-100.0%	0	-	0	0	-100.0%
E-MICRO GBP/USD	2,957	3,281.65	-9.9%	3,889.85	-24.0%	3,435	4,121	-16.6%
E-MICRO USD/CHF	0	0	-	0	-	0	0	-100.0%
E-MICRO EUR/USD	12,556	16,571.5	-24.2%	16,135.3	-22.2%	14,392	13,381	7.6%
E-MICRO USD/JPY	0	0	-	0	-	0	0	-100.0%
E-MICRO AUD/USD	4,361	4,041.6	7.9%	3,959.25	10.1%	4,155	4,835	-14.1%
AUSTRALIAN DOLLAR	79,163	94,197.55	-16.0%	89,998.05	-12.0%	84,719	100,411	-15.6%
E-MINI JAPANESE YEN	1,293	2,211.1	-41.5%	1,857.05	-30.4%	1,582	1,560	1.4%
EFX/JY CROSS RATES	1,708	2,309.6	-26.0%	1,628.2	4.9%	1,667	2,152	-22.5%
RMB USD	2	29.7	-93.6%	2.6	-27.1%	2	15	-85.0%
EFX/BP CROSS RATES	1,770	3,253.6	-45.6%	2,069.7	-14.5%	1,924	3,794	-49.3%
EFX/SF CROSS RATES	954	1,713.5	-44.3%	942.85	1.2%	949	1,896	-50.0%
INDIAN RUPEE	1,349	516.9	160.9%	1,114.65	21.0%	1,229	636	93.2%
EC/SEK CROSS RATES	3	2.7	22.8%	3.5	-5.3%	3	14	-75.6%
S.AFRICAN RAND	2,081	487.75	326.7%	1,740.65	19.6%	1,907	961	98.3%
MEXICAN PESO	37,750	58,925.95	-35.9%	54,634.65	-30.9%	46,409	55,851	-16.9%
EURO FX	193,002	227,981.1	-15.3%	216,420.6	-10.8%	205,012	196,254	4.5%
SF/JY CROSS RATES	0	0	-	1.6	-100.0%	1	0	-
EC/CD CROSS RATES	83	134.9	-38.7%	117	-29.3%	100	134	-25.1%
EC/NOK CROSS RATES	2	0	-	1.9	13.6%	2	0	4535.2%
EC/AD CROSS RATES	29	47.65	-39.1%	17.05	70.1%	23	87	-73.7%
BP/SF CROSS RATES	0	0.5	-100.0%	0	-	0	2	-100.0%
E-MINI EURO FX	3,692	4,445.05	-16.9%	4,410.75	-16.3%	4,061	3,767	7.8%
MICRO CHF/USD	38	99.7	-62.3%	44.3	-15.2%	41	87	-52.6%
POLISH ZLOTY (EC)	0	78.9	-99.8%	2.55	-93.8%	1	79	-98.2%
AD/JY CROSS RATES	66	221.45	-70.0%	84.3	-21.2%	76	207	-63.5%
AD/CD CROSS RATES	0	0.45	-88.3%	0.25	-79.0%	0	0	-43.8%
POLISH ZLOTY (US)	32	31.7	0.8%	37.45	-14.7%	35	91	-62.0%
SKR/USD CROSS RATES	45	51.5	-12.6%	55.05	-18.3%	50	104	-51.8%
NKR/USD CROSS RATE	43	56.2	-24.1%	38.7	10.2%	41	95	-57.2%
BRAZIL REAL	4,848	3,569.15	35.8%	4,423.8	9.6%	4,630	3,988	16.1%
FCXRX	32	0	-	100.1	-68.4%	67	54	24.3%
CHINESE RENMINBI (CNH)	93	68.15	36.1%	104	-10.8%	99	84	17.7%
USDZAR	0	0.2	-100.0%	0	-	0	0	-100.0%
E-MICRO INR/USD	81	25.8	215.2%	132.3	-38.5%	107	119	-9.6%
E-MICRO USD/CNH	0	0.3	-100.0%	0	-	0	0	-100.0%
E-MICRO JPY/USD	2,616	1,770.55	47.7%	3,409	-23.3%	3,022	1,575	91.9%
E-MICRO CAD/USD	623	822.3	-24.2%	730.7	-14.7%	678	976	-30.5%

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<b>FX Options</b>								
AUSTRALIAN DLR (EU)	0	25.2	-100.0%	0.1	-100.0%	0	5	-98.9%
JAPANESE YEN	8,759	19,504.95	-55.1%	5,821.5	50.5%	7,252	13,575	-46.6%
EURO FX (EU)	2	213.05	-99.3%	2.75	-44.5%	2	114	-98.1%
CANADIAN DOLLAR	1,956	9,637.2	-79.7%	2,186.45	-10.6%	2,074	5,775	-64.1%
BRITISH POUND	5,449	12,694.8	-57.1%	4,308.35	26.5%	4,864	9,066	-46.3%
RUSSIAN RUBLE	0	42.2	-100.0%	0	-	0	5	-100.0%
CANADIAN DOLLAR (EU)	1	23.9	-96.9%	0.9	-18.1%	1	7	-88.6%
SWISS FRANC	95	459.2	-79.3%	65.1	46.0%	80	283	-71.8%
BRITISH POUND (EU)	20	74.4	-72.5%	3.45	493.4%	12	37	-68.1%
AUSTRALIAN DOLLAR	2,295	6,094.15	-62.3%	2,197.35	4.5%	2,245	5,883	-61.8%
MEXICAN PESO	204	185.25	10.0%	596.3	-65.8%	405	202	100.4%
EURO FX	12,540	53,332.2	-76.5%	10,792.8	16.2%	11,644	30,210	-61.5%
JAPANESE YEN (EU)	0	57.25	-99.6%	4.45	-95.3%	2	24	-90.2%
CAD/USD PQO 2pm Fix	2,763	0	-	4,026.25	-31.4%	3,411	694	391.6%
AUD/USD PQO 2pm Fix	2,698	0	-	2,920.35	-7.6%	2,812	678	314.6%
JPY/USD PQO 2pm Fix	7,139	0	-	12,439.95	-42.6%	9,857	1,569	528.4%
CHF/USD PQO 2pm Fix	91	0	-	149.55	-39.2%	121	52	132.4%
EUR/USD PQO 2pm Fix	11,928	0	-	16,582.85	-28.1%	14,315	2,925	389.4%
GBP/USD PQO 2pm Fix	4,584	0	-	6,784.15	-32.4%	5,712	877	551.7%

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<b>Equity Index Futures</b>								
E-MINI RUSSELL 1000	37	32.5	14.2%	29.15	27.3%	33	21	59.6%
DJ US REAL ESTATE	800	592.1	35.1%	928.65	-13.9%	866	1,015	-14.7%
E-MINI NASDAQ 100	179,106	340,917.8	-47.5%	181,327.75	-1.2%	180,245	260,913	-30.9%
S&P ENERGY SECTOR	746	400.75	86.2%	466.9	59.8%	603	562	7.2%
S&P MATERIALS SECTOR	238	267.1	-10.9%	224.65	5.9%	231	340	-32.1%
S&P FINANCIAL SECTOR	632	473.8	33.3%	675.1	-6.4%	654	692	-5.5%
S&P HEALTH CARE SECTOR	599	441.75	35.7%	469.9	27.6%	533	583	-8.5%
S&P INDUSTRIAL SECTOR	345	316.95	8.9%	239.45	44.2%	291	530	-45.1%
S&P UTILITIES SECTOR	824	872.25	-5.5%	627.2	31.4%	723	1,184	-38.9%
S&P TECHNOLOGY SECTOR	304	134.7	125.3%	184.8	64.2%	243	323	-24.9%
S&P CONSUMER DSCRTNRY SECTC	279	401.45	-30.4%	468.5	-40.4%	376	599	-37.2%
S&P 500	5,229	8,415.35	-37.9%	5,524.05	-5.3%	5,380	8,880	-39.4%
E-MINI MIDCAP	13,432	22,110.95	-39.2%	17,807.65	-24.6%	15,676	21,451	-26.9%
NIKKEI 225 (\$) STOCK	13,506	26,036.8	-48.1%	14,228.75	-5.1%	13,877	17,018	-18.5%
NIKKEI 225 (YEN) STOCK	43,241	82,704.4	-47.7%	55,115.8	-21.5%	49,331	58,752	-16.0%
IBOVESPA INDEX	59	26.05	127.7%	16.65	256.3%	37	35	6.3%
S&P CONSUMER STAPLES SECTOR	288	817.15	-64.7%	251.7	14.6%	270	1,253	-78.5%
E-MINI S&P500	1,414,246	2,126,605.8	-33.5%	1,433,141.1	-1.3%	1,423,936	1,875,709	-24.1%
S&P 500/VALUE	718	933.6	-23.1%	633.45	13.4%	675	530	27.2%
S&P 500 GROWTH	0	0.7	-47.4%	0.4	-7.9%	0	1	-66.6%
MINI \$5 DOW	123,346	215,354.3	-42.7%	125,781.3	-1.9%	124,595	168,872	-26.2%
FT-SE 100	85	65.8	28.9%	131.15	-35.3%	109	83	31.1%
NIFTY 50	236	450.2	-47.6%	162.8	44.8%	198	465	-57.3%
E-MINI RUSSELL 1000 GROWTH	19	20	-2.6%	14.8	31.6%	17	14	26.0%
E-MINI RUSSELL 1000 VALUE	74	45.9	60.9%	59.45	24.2%	66	42	57.4%
NASDAQ BIOTECH	0	0	-	9.6	-100.0%	5	9	-46.3%

## Equity Index Options

E-MINI NASDAQ 100	8,294	11,007.25	-24.6%	8,585.4	-3.4%	8,444	10,191	-17.1%
S&P 500	19,985	47,374	-57.8%	8,130.25	145.8%	13,906	22,517	-38.2%
EOW4 EMINI S&P 500	47,065	49,166.8	-4.3%	52,668.7	-10.6%	49,939	51,285	-2.6%
EOW2 S&P 500	9,776	4,764.45	105.2%	6,875.2	42.2%	8,288	6,110	35.7%
EOW1 EMINI S&P 500	59,229	58,690.25	0.9%	51,687.25	14.6%	55,361	46,471	19.1%
EOW1 S&P 500	3,823	2,765.05	38.3%	2,977.2	28.4%	3,389	2,804	20.9%
E-MINI MIDCAP	0	0	-	0	-	0	0	-100.0%
EOM S&P 500	8,700	6,692.2	30.0%	9,440.3	-7.8%	9,080	8,213	10.6%
EOM EMINI S&P	82,837	45,887	80.5%	87,881.3	-5.7%	85,424	82,929	3.0%
EOW2 EMINI S&P 500	58,816	59,196	-0.6%	58,727.4	0.2%	58,771	51,559	14.0%
E-MINI S&P500	237,689	362,771.9	-34.5%	148,878.15	59.7%	192,145	233,682	-17.8%
MINI \$5 DOW	292	1,007.4	-71.0%	314.7	-7.2%	304	506	-40.0%
EOW3 EMINI S&P 500	182,596	225.9	80730.7%	199,095.65	-8.3%	191,058	107,592	77.6%
EOW3 S&P 500	17,350	982.25	1666.3%	18,609.15	-6.8%	17,996	12,525	43.7%

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	ADV FEB 2017	ADV FEB 2016	% CHG	ADV JAN 2017	% CHG	ADV Y.T.D 2017	ADV Y.T.D 2016	% CHG
<b>Interest Rate Futures</b>								
5-YR SWAP RATE	2,470	3,040.65	-18.8%	3,064.05	-19.4%	2,775	3,146	-11.8%
2-YR SWAP RATE	0	38.2	-100.0%	0	-	0	18	-100.0%
10-YR SWAP RATE	1,993	2,045.65	-2.6%	1,706.25	16.8%	1,846	2,505	-26.3%
1-MONTH EUROS DOLLAR	134	39.5	238.3%	166.7	-19.8%	151	78	92.8%
EUROS DOLLARS	3,007,672	2,934,938	2.5%	3,127,143.25	-3.8%	3,068,939	2,598,997	18.1%
7-YR SWAP	0	80.8	-100.0%	0	-	0	12	-100.0%
30-YR BOND	376,297	409,240.75	-8.1%	258,292.35	45.7%	315,782	278,584	13.4%
5-YR NOTE	1,420,570	1,214,739.55	16.9%	781,182.9	81.8%	1,092,679	801,209	36.4%
10-YR NOTE	2,032,587	2,066,390.65	-1.6%	1,427,623.15	42.4%	1,722,349	1,391,913	23.7%
2-YR NOTE	571,075	496,151.1	15.1%	287,651.1	98.5%	425,729	324,898	31.0%
30-YR SWAP RATE	49	88.7	-44.6%	72.9	-32.6%	61	84	-27.2%
ULTRA T-BOND	200,607	187,938.85	6.7%	98,862.95	102.9%	148,431	112,817	31.6%
FED FUND	334,010	126,932.9	163.1%	163,541.25	104.2%	246,590	132,141	86.6%
Ultra 10-Year Note	137,039	42,631.6	221.5%	99,056.7	38.3%	117,561	67,379	74.5%

## Interest Rate Options

EURO MIDCURVE	865,973	719,718.35	20.3%	785,458.45	10.3%	824,684	557,656	47.9%
EUROS DOLLARS	841,989	772,940.7	8.9%	600,739.2	40.2%	718,271	667,675	7.6%
30-YR BOND	102,371	102,400.6	0.0%	92,222.1	11.0%	97,167	84,303	15.3%
5-YR NOTE	143,201	116,798.3	22.6%	124,774.85	14.8%	133,752	94,764	41.1%
10-YR NOTE	508,994	436,597.6	16.6%	536,689	-5.2%	523,196	390,891	33.8%
2-YR NOTE	6,090	5,250.55	16.0%	2,731.5	123.0%	4,368	6,682	-34.6%
ULTRA T-BOND	58	205.35	-71.9%	101.3	-43.1%	80	342	-76.6%
FED FUND	125	593.75	-78.9%	225	-44.4%	176	376	-53.1%
Ultra 10-Year Note	57	0.5	11247.4%	21.25	167.0%	39	170	-77.3%

## Energy Futures

CAISO SP15 EZGNHUB5 MW P	0	0	-	397	-100.0%	204	71	186.1%
ERCOT NORTH ZMCP E 5MW OFFPE	0	0	-	0	-	0	0	-
RBOB GAS	91	50	82.1%	90.5	0.6%	91	77	18.0%
ELEC ERCOT DLY PEAK	0	0	-	0	-	0	0	-
ERCOT NORTH ZMCP E 5MW OFFPE	0	0	-	0	-	0	17	-100.0%
ERCOT NORTH ZMCP E 5MW PEAK	0	0	-	21.5	-100.0%	11	1	1082.4%
SINGAPORE JET KERO VS. GASOIL	0	0	-	0	-	0	0	-100.0%
PETRO OUTRIGHT EURO	357	438.45	-18.6%	444.9	-19.8%	402	450	-10.7%
MONT BELVIEU LDH PROPANE OPIS	188	30.05	525.1%	168.35	11.6%	178	48	271.4%
MONT BELVIEU ETHANE OPIS BALM	35	7.5	363.2%	49.5	-29.8%	42	8	455.3%
CONWAY NATURAL GASOLINE (OPI	8	34.85	-76.7%	4.25	90.7%	6	7	-8.7%
PETROCHEMICALS	141	174.9	-19.3%	179.7	-21.4%	161	249	-35.3%
CONWAY PROPANE 5 DECIMALS S	407	386.85	5.3%	520.75	-21.8%	466	350	32.8%
CONWAY NORMAL BUTANE (OPIS) S	37	0	-	5.1	617.2%	20	11	86.6%
MONT BELVIEU NORMAL BUTANE B	43	60.2	-28.0%	61.2	-29.2%	52	29	83.4%
MONT BELVIEU NATURAL GASOLIN	8	9.25	-9.0%	42.3	-80.1%	26	8	228.1%
IN DELIVERY MONTH EUA	0	285	-100.0%	0	-	0	148	-100.0%
WTS (ARGUS) VS WTI SWAP	81	109	-26.1%	257.7	-68.8%	171	221	-22.5%

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<b>Energy Futures</b>								
ISO NEW ENGLAND PK LMP	0	0	-	0.5	-100.0%	0	0	222.9%
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	0	0	-	0	-	0	6	-100.0%
COLUMB GULF MAINLINE NG B	0	0	-	0	-	0	87	-100.0%
ONEOK OKLAHOMA NG BASIS	0	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	6,043	3,588.5	68.4%	35,169.25	-82.8%	20,980	10,820	93.9%
NYISO ZONE J 5MW D AH O P	5,768	4,680	23.3%	0	-	2,810	776	262.3%
NYISO ZONE J 5MW D AH PK	268	276.5	-2.9%	10	2584.2%	136	57	137.3%
NEPOOL W CNT MASS 5MW D A	0	0	-	0	-	0	16	-100.0%
PJM COMED 5MW D AH PK	0	0	-	106.25	-100.0%	54	58	-6.3%
NEPOOL SE MASS 5MW D AH O	0	0	-	0	-	0	0	-
NEPOOL CNCTCT 5MW D AH O	0	0	-	0	-	0	47	-100.0%
NEPOOL CONECTIC 5MW D AH	0	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	1,918	1,643.55	16.7%	2,508.25	-23.5%	2,221	1,684	31.9%
SINGAPORE GASOIL	343	159.2	115.7%	246.85	39.1%	294	196	49.8%
PETRO OUTRIGHT NA	944	713.4	32.3%	858.25	10.0%	900	791	13.8%
CRUDE OIL SPRDS	115	19.65	483.9%	459.25	-75.0%	291	184	58.3%
RBOB GASOLINE BALMO CLNDR	10	100.8	-90.4%	70.75	-86.3%	41	44	-6.8%
GASOLINE UP-DOWN BALMO SW	0	10.5	-100.0%	0	-	0	3	-100.0%
COLUMBIA GULF MAIN NAT G	0	0	-	0	-	0	9	-100.0%
ALGON CITY GATES NAT GAS	0	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	454,481	350,194.25	29.8%	442,928.65	2.6%	448,557	386,828	16.0%
CRUDE OIL OUTRIGHTS	481	279.9	71.8%	1,244.55	-61.4%	873	350	149.6%
ELECTRICITY OFF PEAK	0	1,174	-100.0%	0	-	0	93	-100.0%
ELEC FINSETTLED	0	63.5	-100.0%	0	-	0	5	-100.0%
PETRO CRK&SPRD EURO	422	324.85	29.9%	555.8	-24.1%	491	357	37.4%
FREIGHT MARKETS	3	18.2	-84.4%	6.25	-54.5%	5	10	-54.8%
PLASTICS	30	16.5	81.8%	23	30.4%	26	20	29.8%
NYH NO 2 CRACK SPREAD CAL	11	31.5	-66.6%	177.05	-94.1%	96	90	6.7%
TRANSCO ZONE 6 BASIS SWAP	23	10.7	110.5%	107	-78.9%	66	59	11.5%
NYISO A	0	0	-	0	-	0	0	-
MINY NATURAL GAS	1,677	1,156.7	45.0%	2,252.85	-25.6%	1,972	1,345	46.6%
HEATING OIL PHY	175,405	160,088.3	9.6%	166,126.85	5.6%	170,647	156,307	9.2%
DOMINION TRANSMISSION INC	417	1,101.8	-62.2%	988.85	-57.8%	710	914	-22.3%
TCO BASIS SWAP	38	36.8	4.4%	7.55	408.9%	23	136	-83.4%
PJM MONTHLY	0	24.7	-100.0%	0	-	0	12	-100.0%
EL PASO PERMIAN INDEX SWA	0	18.6	-100.0%	0	-	0	6	-100.0%
WAHA INDEX SWAP FUTURE	0	31	-100.0%	0	-	0	35	-100.0%
NY HARBOR HEAT OIL SWP	160	163.9	-2.7%	86.35	84.7%	122	116	4.9%
EASTERN RAIL DELIVERY CSX	36	23.25	56.2%	78.75	-53.9%	58	59	-2.2%
HTG OIL	0	0	-	0	-	0	22	-100.0%
EUROPE 3.5% FUEL OIL MED	3	25.25	-87.5%	39.1	-91.9%	22	18	19.5%

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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	27.9	-100.0%	0	-	0	79	-100.0%
TENNESSEE ZONE 0 BASIS SW	0	18	-100.0%	0	-	0	12	-100.0%
NEW YORK HUB ZONE J PEAK	0	0	-	0	-	0	0	-
FUELOIL SWAP:CARGOES VS.B	15	41.65	-65.0%	20.75	-29.7%	18	16	11.0%
MINY HTG OIL	0	0.4	-47.4%	0.2	5.2%	0	0	-50.8%
BRENT CALENDAR SWAP	235	143.35	63.9%	169	39.1%	201	88	129.5%
EURO GASOIL 10PPM VS ICE	1	0.75	5.3%	8.4	-90.6%	5	3	48.6%
WTI-BRENT CALENDAR SWAP	434	913.8	-52.5%	766.95	-43.4%	605	545	11.0%
CENTERPOINT BASIS SWAP	28	0	-	0	-	14	52	-73.8%
PJM NILL DA OFF-PEAK	0	876.45	-100.0%	7,211.1	-100.0%	3,698	4,709	-21.5%
PANHANDLE INDEX SWAP FUTU	0	27.9	-100.0%	0	-	0	14	-100.0%
PJM NILL DA PEAK	458	23.05	1884.9%	383.75	19.2%	420	193	117.6%
CIN HUB 5MW REAL TIME PK	33	701.25	-95.3%	526.25	-93.7%	286	271	5.7%
MINY WTI CRUDE OIL	10,240	19,202.6	-46.7%	11,243.25	-8.9%	10,755	13,417	-19.8%
JAPAN C&F NAPHTHA SWAP	69	55.8	22.8%	59.1	15.9%	64	62	3.4%
LLS (ARGUS) VS WTI SWAP	360	218.8	64.7%	321.75	12.0%	341	283	20.5%
RBOB PHY	233,350	192,083.9	21.5%	187,425.05	24.5%	209,799	180,272	16.4%
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	2,463	2,838	-13.2%	902	173.1%	1,663	4,827	-65.6%
LTD NAT GAS	18,318	13,249.9	38.3%	14,672.15	24.8%	16,448	11,739	40.1%
NORTHWEST ROCKIES BASIS S	10	1,063.6	-99.1%	0	-	5	725	-99.3%
SINGAPORE 380CST BALMO	16	1.8	815.2%	3.45	377.5%	10	8	27.7%
PJM BGE DA OFF-PEAK	0	0	-	0	-	0	93	-100.0%
ULSD 10PPM CIF MED VS ICE	0	0.25	26.3%	0	-	0	1	-80.4%
GULF COAST JET FUEL CLNDR	0	0	-	5.5	-100.0%	3	8	-63.0%
HEATING OIL CRCK SPRD BAL	0	0	-	0	-	0	0	-100.0%
SINGAPORE GASOIL SWAP	521	60.4	762.4%	544.35	-4.3%	533	324	64.4%
CHICAGO ULSD PL VS HO SPR	16	26.25	-37.6%	13.25	23.5%	15	11	28.9%
CIN HUB 5MW D AH PK	242	297.5	-18.7%	53.4	353.1%	145	88	65.3%
PJM AD HUB 5MW REAL TIME	987	8,595.95	-88.5%	12,800.75	-92.3%	7,045	6,498	8.4%
TC5 RAS TANURA TO YOKOHAM	0	0.75	-100.0%	0	-	0	0	-100.0%
Sumas Basis Swap	51	62.1	-17.8%	24.4	109.2%	37	72	-47.8%
RBOB CRACK SPREAD	23	199.8	-88.7%	42.7	-47.0%	33	75	-55.9%
NGPL TEX/OK	0	196.65	-100.0%	0	-	0	134	-100.0%
EURO GASOIL 10 CAL SWAP	0	0	-	0	-	0	0	-100.0%
HENRY HUB INDEX SWAP FUTU	400	839.35	-52.4%	315	26.9%	356	722	-50.6%
WTI-BRENT BULLET SWAP	0	0	-	10.2	-100.0%	5	2	163.6%
NYISO J OFF-PEAK	0	0	-	0	-	0	0	-100.0%
EAST/WEST FUEL OIL SPREAD	3	1.55	86.8%	42.05	-93.1%	23	2	1354.6%
TENNESSEE 500 LEG BASIS S	0	0	-	0	-	0	6	-100.0%
NORTHERN NATURAL GAS DEMAR	0	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	36.8	-100.0%	0	-	0	4	-100.0%

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<b>Energy Futures</b>								
APPALACHIAN COAL (PHY)	0	0	-	0	-	0	1	-100.0%
WTI CALENDAR	2,086	1,542.8	35.2%	2,022.85	3.1%	2,054	1,539	33.4%
CINERGY HUB PEAK MONTH	0	0	-	0	-	0	0	-
CHICAGO ULSD (PLATTS) SWA	0	0	-	0	-	0	0	-
RBOB CALENDAR SWAP	281	242.5	16.0%	563	-50.0%	426	320	32.9%
AEP-DAYTON HUB MTHLY	0	0	-	0	-	0	1	-100.0%
CRUDE OIL PHY	1,080,407	1,280,335.15	-15.6%	1,121,482.15	-3.7%	1,101,471	1,098,287	0.3%
N ILLINOIS HUB MTHLY	0	0	-	0	-	0	0	-
RBOB (PLATTS) CAL SWAP	0	0	-	0	-	0	1	-100.0%
NEW YORK ETHANOL SWAP	13	80.5	-83.7%	45.75	-71.2%	30	71	-57.9%
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	62	42.9	45.4%	72.9	-14.4%	68	63	8.0%
LA CARBOB GASOLINE(OPIS)S	8	33.75	-76.6%	12.5	-36.8%	10	24	-56.6%
MCCLOSKEY ARA ARGS COAL	2,492	9,675.05	-74.2%	3,859	-35.4%	3,193	7,118	-55.1%
MCCLOSKEY RCH BAY COAL	213	1,183.65	-82.0%	533.5	-60.2%	377	760	-50.4%
MGF FUT	0	3	-100.0%	0	-	0	0	-100.0%
MNC FUT	215	197.4	9.0%	189.35	13.7%	202	190	6.4%
DLY GAS EURO-BOB OXY	0	0	-	0	-	0	0	-100.0%
MGN1 SWAP FUT	7	12.45	-42.9%	9.85	-27.9%	9	7	27.0%
UCM FUT	1	3	-80.7%	1	-42.1%	1	1	-43.3%
MJC FUT	2	3	-47.4%	4	-60.5%	3	4	-20.6%
UP DOWN GC ULSD VS NMX HO	2,286	2,763.65	-17.3%	2,808.6	-18.6%	2,554	2,460	3.8%
HOUSTON SHIP CHANNEL BASI	0	134.6	-100.0%	0	-	0	126	-100.0%
FUEL OIL CRACK VS ICE	167	187.55	-10.9%	172.55	-3.1%	170	203	-16.4%
NGPL TEXOK INDEX	0	0	-	0	-	0	1	-100.0%
NATURAL GAS	8,780	5,934.4	48.0%	6,830.15	28.5%	7,780	6,261	24.3%
HUSTN SHIP CHNL PIPE SWP	0	0	-	0	-	0	0	-
N ROCKIES PIPE SWAP	0	0	-	0	-	0	0	-
SOCAL PIPE SWAP	0	280	-100.0%	0	-	0	23	-100.0%
GAS EURO-BOB OXY NWE BARGES	1,063	973.85	9.1%	1,058.15	0.4%	1,060	701	51.2%
MONT BELVIEU NATURAL GASOLIN	204	769.85	-73.5%	402.65	-49.3%	306	363	-15.8%
ONTARIO POWER SWAPS	8	200.25	-95.9%	9.25	-11.8%	9	20	-55.6%
DAILY PJM	0	0	-	0	-	0	11	-100.0%
BRENT OIL LAST DAY	97,836	108,672.65	-10.0%	97,049.6	0.8%	97,433	94,100	3.5%
SINGAPORE GASOIL CALENDAR	13	2.35	459.9%	9.2	43.0%	11	3	330.8%
MARS (ARGUS) VS WTI TRD M	1,764	588.1	200.0%	1,076.8	63.9%	1,412	557	153.6%
MARS (ARGUS) VS WTI SWAP	253	422.5	-40.1%	242.3	4.5%	248	215	15.4%
SINGAPORE JET KERO BALMO	14	2.8	383.1%	0	-	7	1	964.6%
WTS (ARGUS) VS WTI TRD MT	14	19	-25.2%	77.5	-81.7%	47	49	-4.9%
DUBAI CRUDE OIL BALMO	0	0	-	0	-	0	1	-100.0%
EURO 1% FUEL OIL NEW BALM	0	1.85	-85.8%	0	-	0	1	-86.6%
PREMIUM UNLND 10P FOB MED	3	16.15	-83.7%	5.45	-51.7%	4	11	-64.4%
GASOIL 0.1 CRG CIF NW VS	0	0	-	0	-	0	0	-100.0%
3.5% FUEL OIL CID MED SWA	0	19.35	-100.0%	36.7	-100.0%	19	13	44.1%
JET FUEL CRG CIF NEW VS I	0	1.5	-100.0%	0.5	-100.0%	0	0	115.5%
ARGUS PROPAN FAR EST INDE	84	50.55	65.5%	64.25	30.2%	74	72	2.0%
ULSD 10PPM CIF VS ICE GAS	0	0	-	0	-	0	0	-100.0%

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<b>Energy Futures</b>								
SINGAPORE NAPHTHA BALMO	0	0	-	0	-	0	0	-100.0%
NYISO ZONE G 5MW D AH PK	308	331.2	-7.0%	371.75	-17.2%	341	160	113.1%
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	249	86.25	188.9%	137.5	81.2%	192	87	120.8%
GULF COAST ULSD CRACK SPR	0	15	-100.0%	0	-	0	28	-100.0%
USGC UNL 87 CRACK SPREAD	0	7.5	-100.0%	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	16	152	-89.6%	175.5	-91.0%	98	87	12.9%
PJM APS ZONE DA PEAK	0	0	-	0	-	0	0	-
PJM BGE DA PEAK	0	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	127.5	-100.0%	0	-	0	20	-100.0%
PJM PSEG DA OFF-PEAK	0	5,850	-100.0%	0	-	0	650	-100.0%
PJM WESTH RT PEAK	1,037	6,057.3	-82.9%	1,098.25	-5.5%	1,069	2,608	-59.0%
ALGONQUIN CITYGATES BASIS	0	28.65	-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	0	0	-	0	-	0	0	-100.0%
EUROPE 1% FUEL OIL NWE CA	6	4.6	21.3%	10.2	-45.3%	8	6	29.2%
NEW YORK HUB ZONE G PEAK	0	0	-	0	-	0	0	-
GULF COAST NO.6 FUEL OIL	3,267	3,387.25	-3.6%	3,673.35	-11.1%	3,475	2,769	25.5%
SINGAPORE FUEL 180CST CAL	98	59	65.8%	71.4	37.0%	84	56	49.5%
SINGAPORE FUEL OIL SPREAD	53	11.5	359.0%	60.3	-12.5%	57	31	85.7%
NORTHERN ILLINOIS OFF-PEA	0	0	-	0	-	0	0	-
PJM ATSI ELEC	2,597	0	-	0	-	1,265	141	798.5%
SING FUEL	0	0	-	0.5	-100.0%	0	0	-7.7%
EURO-DENOMINATED PETRO PROD	21	0	-	25	-15.8%	23	4	423.0%
DATED BRENT (PLATTS) DAILY SWA	0	0	-	0	-	0	1	-100.0%
GAS EURO-BOB OXY NWE BARGES	389	371.55	4.7%	401.25	-3.1%	395	327	21.0%
MINY RBOB GAS	0	0.2	5.2%	0.45	-53.2%	0	0	64.7%
RBOB UP-DOWN CALENDAR SWA	0	88.25	-100.0%	0	-	0	37	-100.0%
LA JET FUEL VS NYM NO 2 H	1	16.15	-91.9%	0	-	1	3	-80.8%
ANR OKLAHOMA	0	64.2	-100.0%	0	-	0	19	-100.0%
MICHIGAN BASIS	0	90.05	-100.0%	129.6	-100.0%	66	109	-38.8%
TEXAS EASTERN ZONE M-3 BA	0	445.95	-100.0%	334.55	-100.0%	172	334	-48.7%
NORTHERN NATURAL GAS VENTU	0	32.9	-100.0%	0	-	0	37	-100.0%
CIG BASIS	0	581.85	-100.0%	0	-	0	326	-100.0%
PJM DAILY	0	0	-	0	-	0	5	-100.0%
COLUMBIA GULF ONSHORE	0	0	-	0	-	0	16	-100.0%
Tetco STX Basis	0	44.05	-100.0%	0	-	0	6	-100.0%
Transco Zone 3 Basis	0	3.1	-100.0%	0	-	0	4	-100.0%
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	22	12.05	79.5%	20.25	6.8%	21	42	-50.1%
LA CARB DIESEL (OPIS) SWA	7	9	-26.9%	13.75	-52.2%	10	31	-67.3%

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<b>Energy Futures</b>								
EURO 3.5% FUEL OIL RDAM B	27	16.75	60.3%	42.95	-37.5%	35	19	86.1%
EUROPEAN NAPHTHA BALMO	16	9.25	70.1%	21.3	-26.1%	19	9	107.6%
GASOIL MINI CALENDAR SWAP	9	18.85	-52.5%	6.8	31.6%	8	11	-28.9%
NY ULSD (ARGUS) VS HEATING OIL	14	58.3	-76.8%	272.75	-95.0%	146	38	283.6%
PJM PECO ZONE5MW PEAK CAL MO	0	0	-	0	-	0	0	-
EUROPE 1% FUEL OIL RDAM C	0	4.55	-100.0%	0	-	0	1	-100.0%
SAN JUAN BASIS SWAP	0	225.8	-100.0%	0	-	0	302	-100.0%
GULF COAST JET VS NYM 2 H	2,533	1,576	60.7%	2,157.45	17.4%	2,340	1,542	51.8%
NYMEX ALUMINUM FUTURES	0	0	-	0	-	0	0	-
EURO 3.5% FUEL OIL SPREAD	15	19.25	-24.5%	39.85	-63.5%	28	38	-27.4%
GASOIL CALENDAR SWAP	0	0.7	-54.9%	0.6	-47.4%	0	1	-67.0%
BRENT FINANCIAL FUTURES	11	16.5	-32.4%	442.5	-97.5%	232	28	732.8%
ICE BRENT DUBAI SWAP	263	0	-	589.6	-55.4%	430	132	227.0%
GASOIL CRACK SPREAD CALEN	490	59.75	720.5%	449.4	9.1%	469	257	82.3%
EUROPEAN NAPHTHA CRACK SPR	344	131.05	162.2%	453.05	-24.2%	400	275	45.2%
CRUDE OIL	399	2,469.55	-83.8%	846.5	-52.9%	629	607	3.6%
NEPOOL INTR HUB 5MW D AH	8,198	760	978.7%	5	163857.9%	3,996	2,242	78.2%
NEPOOL SE MASS 5MW D AH P	0	0	-	0	-	0	0	-
PJM DAYTON DA OFF-PEAK	3,351	187.5	1686.9%	7,416.75	-54.8%	5,436	218	2390.6%
PJM JCPL DA OFF-PEAK	0	0	-	0	-	0	0	-
PJM WESTH RT OFF-PEAK	4,121	73,487.8	-94.4%	14,652	-71.9%	9,521	26,740	-64.4%
CHICAGO ETHANOL SWAP	4,486	3,735.4	20.1%	7,051.55	-36.4%	5,802	5,247	10.6%
HENRY HUB BASIS SWAP	400	836.1	-52.2%	287	39.3%	342	796	-57.0%
HENRY HUB SWAP	7,262	28,077.95	-74.1%	7,304.95	-0.6%	7,284	19,850	-63.3%
PREM UNL GAS 10PPM RDAM FOB B	0	0.1	-100.0%	0	-	0	0	-100.0%
PREM UNL GAS 10PPM RDAM FOB S	1	1.45	-23.8%	0	-	1	1	-50.5%
MONT BELVIEU NORMAL BUTANE 5	1,480	1,362.5	8.6%	1,437.5	2.9%	1,458	1,370	6.4%
MONT BELVIEU ETHANE 5 DECIMAL	2,345	1,698.85	38.0%	2,383.25	-1.6%	2,365	2,344	0.9%
MONT BELVIEU LDH PROPANE 5 DE	5,057	5,162.55	-2.0%	5,309.05	-4.7%	5,186	5,339	-2.9%
SINGAPORE 180CST BALMO	4	0.5	657.9%	0	-	2	2	-21.1%
PJM APS ZONE DA OFF-PEAK	0	0	-	0	-	0	0	-
GRP THREE UNL GS (PLT) VS	19	70.25	-72.3%	22.2	-12.3%	21	67	-68.7%
JET BARGES VS ICE GASOIL	0	0	-	0	-	0	0	-100.0%
SINGAPORE GASOIL VS ICE	647	65.25	891.8%	484.75	33.5%	564	178	216.4%
NATURAL GAS PEN SWP	6,191	6,377.45	-2.9%	6,071.45	2.0%	6,130	5,279	16.1%
WESTERN RAIL DELIVERY PRB	12	30	-60.5%	9.75	21.5%	11	37	-71.0%
EUROPE DATED BRENT SWAP	0	566.4	-100.0%	2.1	-100.0%	1	106	-99.0%
SINGAPORE JET KERO GASOIL	79	25	215.8%	184.5	-57.2%	133	57	131.5%
TETCO M-3 INDEX	0	12.4	-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	330.75	-100.0%	36.55	-100.0%	19	177	-89.4%
LA JET (OPIS) SWAP	117	101.25	15.1%	137.25	-15.1%	127	88	44.9%
NY HARBOR 1% FUEL OIL BAL	0	0	-	0	-	0	1	-100.0%
GASOIL 10PPM VS ICE SWAP	7	0.85	766.9%	9.75	-24.4%	9	4	128.3%
NY H OIL PLATTS VS NYMEX	0	0	-	0	-	0	0	-
NYISO ZONE G 5MW D AH O P	5,768	4,867.5	18.5%	3,598	60.3%	4,655	1,764	163.9%
EUROPEAN GASOIL (ICE)	144	22,582.3	-99.4%	124.25	16.1%	134	6,247	-97.9%
ULSD UP-DOWN BALMO SWP	155	115	35.0%	380.25	-59.2%	271	300	-9.8%

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<b>Energy Futures</b>								
JET FUEL UP-DOWN BALMO CL	175	191.5	-8.5%	268.9	-34.8%	223	226	-1.4%
EIA FLAT TAX ONHWAY DIESE	24	14.2	70.1%	74.3	-67.5%	50	46	8.4%
NY 2.2% FUEL OIL (PLATTS	0	1.25	-100.0%	0	-	0	2	-100.0%
RBOB CRACK SPREAD BALMO S	0	0	-	0	-	0	2	-100.0%
HEATING OIL BALMO CLNDR S	0	5	-100.0%	0	-	0	2	-100.0%
INDIANA MISO	0	0	-	0	-	0	0	-100.0%
PETROLEUM PRODUCTS ASIA	87	44.35	95.1%	81.85	5.7%	84	66	27.3%
AUSTRIALIAN COKE COAL	20	12.6	56.2%	15.45	27.4%	18	19	-8.5%
PETROLEUM PRODUCTS	156	39.45	295.4%	255.45	-38.9%	207	111	85.9%
COAL SWAP	8	16.8	-54.6%	5.5	38.8%	7	13	-49.5%
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	594	158.25	275.4%	873.6	-32.0%	737	401	83.9%
SINGAPORE JET KEROSENE SW	130	22.5	478.2%	61.6	111.2%	95	33	186.8%
FLORIDA GAS ZONE3 BASIS S	0	0	-	0	-	0	22	-100.0%
TRANSCO ZONE4 BASIS SWAP	45	167.85	-73.2%	199.5	-77.4%	124	114	9.4%
ANR LOUISIANA BASIS SWAP	0	0	-	0	-	0	1	-100.0%
CINERGY HUB OFF-PEAK MONT	0	3	-100.0%	0	-	0	0	-100.0%
DUBAI CRUDE OIL CALENDAR	169	37	357.3%	824.95	-79.5%	505	120	320.4%
NGPL MIDCONTINENT INDEX	0	214	-100.0%	0	-	0	31	-100.0%
PANHANDLE BASIS SWAP FUTU	0	485.15	-100.0%	2.4	-100.0%	1	385	-99.7%
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%
EUROPE 3.5% FUEL OIL RDAM	477	337.15	41.5%	619.6	-23.0%	550	363	51.4%
GULF COAST 3% FUEL OIL BA	139	16	766.8%	15.55	791.9%	76	38	97.1%
NY1% VS GC SPREAD SWAP	132	55	139.2%	231.4	-43.1%	183	119	53.8%
GASOIL 0.1 CIF NWE VS ISE	0	0	-	0	-	0	0	-100.0%
JET CIF NWE VS ICE	0	3.95	-100.0%	3.5	-100.0%	2	4	-49.2%
EUROPE JET KERO NWE CALSW	0	0.9	-100.0%	0	-	0	0	-100.0%
JAPAN NAPHTHA BALMO SWAP	2	0	-	2.5	-1.1%	2	2	29.0%
ARGUS PROPAN(SAUDI ARAMCO	58	48.9	18.3%	64.1	-9.8%	61	40	52.1%
NYISO G	0	0	-	0	-	0	0	-
NYISO J	0	0	-	0	-	0	1	-100.0%
NGPL MID-CONTINENT	39	268.3	-85.4%	0	-	19	119	-84.0%
BRENT BALMO SWAP	0	23.65	-100.0%	1.25	-100.0%	1	9	-93.0%
ULSD 10PPM CIF MED BALMO	0	0	-	0	-	0	0	-100.0%
HENRY HUB SWING FUTURE	0	0	-	0	-	0	1	-100.0%
EUROPE NAPHTHA CALSWAP	136	46.1	194.7%	138.15	-1.7%	137	75	82.5%
NY HARBOR RESIDUAL FUEL 1	123	328.25	-62.5%	167.5	-26.6%	146	155	-6.0%
PERMIAN BASIS SWAP	0	150.1	-100.0%	0	-	0	246	-100.0%
JAPAN C&F NAPHTHA CRACK S	7	6	21.1%	37.35	-80.6%	23	20	15.7%
NATURAL GAS INDEX	0	0	-	2.8	-100.0%	1	27	-94.6%
PETRO CRCKS & SPRDS ASIA	0	0	-	15.25	-100.0%	8	5	46.6%
NYISO CAPACITY	43	14.4	199.0%	17.6	144.6%	30	19	58.6%
GASOIL 0.1 ROTTERDAM BARG	1	0	-	1.25	-57.9%	1	0	654.1%
GASOIL 0.1 CIF VS ICE GAS	0	0	-	1	-100.0%	1	0	2489.9%
GRP THREE ULSD(PLT)VS HEA	92	167.2	-45.2%	138.95	-34.1%	116	130	-10.5%

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	ADV FEB 2017	ADV FEB 2016	% CHG	ADV JAN 2017	% CHG	ADV Y.T.D 2017	ADV Y.T.D 2016	% CHG
<b>Energy Futures</b>								
GASOIL 0.1CIF MED VS ICE	3	0	-	0	-	1	1	65.7%
PJM AECO DA OFF-PEAK	0	0	-	0	-	0	0	-
PJM PPL DA OFF-PEAK	0	0	-	0	-	0	0	-
PJM DAYTON DA PEAK	185	11.5	1511.0%	76.5	142.2%	129	93	39.3%
PREMIUM UNLEAD 10PPM FOB	1	2.95	-82.2%	0.3	75.4%	0	2	-72.9%
PJM WESTH DA OFF-PEAK	395	8,004.5	-95.1%	0	-	192	4,481	-95.7%
GASOIL 0.1 RDAM BRGS VS I	0	1.5	-100.0%	0	-	0	0	-100.0%
GASOIL 10P CRG CIF NW VS	0	0	-	0	-	0	0	-100.0%
PJM WESTHDA PEAK	24	323.75	-92.5%	0	-	12	247	-95.2%
NEPOOL RHODE IL 5MW D AH	0	0	-	0	-	0	0	-
CHICAGO UNL GAS PL VS RBO	0	0	-	0	-	0	8	-100.0%
NYISO ZONE A 5MW D AH O P	0	1,254	-100.0%	468	-100.0%	240	1,024	-76.6%
CIN HUB 5MW D AH O PK	3,528	3,222	9.5%	0	-	1,719	1,280	34.3%
PJM COMED 5MW D AH O PK	0	0	-	1,929.5	-100.0%	989	1,022	-3.2%
NYISO ZONE A 5MW D AH PK	35	0	-	302	-88.4%	172	26	560.4%
SOUTH STAR TEX OKLHM KNS	0	0	-	0	-	0	9	-100.0%
NY 3.0% FUEL OIL (PLATTS	16	12.5	26.3%	43.75	-63.9%	30	10	209.9%
ARGUS LLS VS. WTI (ARG) T	529	597.2	-11.4%	448.7	18.0%	488	574	-14.9%
NO 2 UP-DOWN SPREAD CALEN	36	47.5	-25.2%	61.75	-42.5%	49	14	261.7%
N ILLINOIS HUB DAILY	0	0	-	0	-	0	0	-
PROPANE NON-LDH MT. BEL (OPIS)	422	287.9	46.4%	670.35	-37.1%	549	550	-0.2%
PROPANE NON-LDH MB (OPIS) BAL	53	8.75	504.5%	90.2	-41.4%	72	24	202.7%
JET AV FUEL (P) CAR FM ICE GAS S	0	1.25	-100.0%	0	-	0	1	-100.0%
SINGAPORE MOGAS 92 UNLEADED	257	284.75	-9.6%	825.1	-68.8%	549	477	14.9%
NY JET FUEL (PLATTS) HEAT OIL SW	0	0	-	0	-	0	0	-
SINGAPORE MOGAS 92 UNLEADED	4	1.25	245.3%	1.25	245.3%	3	24	-88.4%
ETHANOL T2 FOB ROTT INCL DUTY	208	98.05	112.2%	221.7	-6.1%	215	132	62.7%
PJM WES HUB PEAK LMP 50 M	0	0	-	0	-	0	0	-
FUEL OIL (PLATS) CAR CM	0	0.25	-100.0%	0	-	0	5	-100.0%
FUEL OIL (PLATS) CAR CN	0	0.9	-100.0%	0	-	0	0	-100.0%
GROUP THREE ULSD (PLATTS)	0	0	-	0	-	0	1	-100.0%
MICHIGAN MISO	3,276	2,818.5	16.2%	0	-	1,596	535	198.1%
INDONESIAN COAL	0	2.25	-88.3%	0	-	0	1	-85.3%
ETHANOL FWD	26	37.9	-30.3%	39.1	-32.4%	33	33	1.0%
NATURAL GAS FIXED PRICE SWAP F	0	0	-	0	-	0	0	-
NAT GAS BASIS SWAP	45	179.8	-74.9%	21.4	110.5%	33	151	-78.2%
SUMAS NAT GAS PLATTS FIXED PRI	0	0	-	0	-	0	0	-
ELEC WEST POWER PEAK	0	0	-	77	-100.0%	39	21	84.6%
ELEC WEST POWER OFF-PEAK	0	0	-	0	-	0	7	-100.0%
NY HARBOR LOW SULPUR GAS 100C	10	45	-77.2%	32.9	-68.8%	22	26	-16.3%
CRUDE OIL TRADE AT MARKER SIN	0	0	-	0	-	0	0	-
MINI RBOB V. EBOB(ARGUS) NWE B	94	54.8	71.3%	143.55	-34.6%	119	86	38.7%
CANADIAN LIGHT SWEET OIL	32	93	-65.2%	64.5	-49.8%	49	83	-41.1%
MINI RBOB V. EBOBARG NWE BRGS	12	9.8	23.5%	35.8	-66.2%	24	15	57.1%
MINI GAS EUROBOB OXY NWE ARG	11	39.9	-72.8%	23.35	-53.6%	17	22	-19.9%
MARS BLEND CRUDE OIL	68	83.8	-18.5%	175.85	-61.2%	123	79	57.2%
DY EURO 3.5% FUEL OI RDA	0	0	-	75	-100.0%	38	0	-
3.5% FUEL OIL CIF BALMO S	5	3	57.9%	1.25	278.9%	3	2	87.2%
FL GAS ZONE 3 NAT GAS IND	0	0	-	0	-	0	33	-100.0%

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	ADV FEB 2017	ADV FEB 2016	% CHG	ADV JAN 2017	% CHG	ADV Y.T.D 2017	ADV Y.T.D 2016	% CHG
<b>Energy Futures</b>								
CIG ROCKIES NG INDEX SWA	0	46.5	-100.0%	0	-	0	4	-100.0%
TRANSCO ZONE 6 INDEX	45	0	-	0	-	22	27	-18.0%
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	-

## Energy Options

PETRO OUTRIGHT EURO	16	0	-	0	-	8	0	-
PETROCHEMICALS	64	142	-55.2%	105	-39.3%	85	81	5.2%
NATURAL GAS OPTION ON CALEND	6	104.9	-94.0%	20	-68.4%	13	111	-88.0%
ELEC MISO PEAK	0	0	-	0	-	0	14	-100.0%
HENRY HUB FINANCIAL LAST	314	84.25	273.1%	196.7	59.8%	254	115	121.5%
NATURAL GAS PHY	132,741	123,508.95	7.5%	146,434.55	-9.4%	139,763	108,494	28.8%
CRUDE OIL OUTRIGHTS	0	0	-	0	-	0	9	-100.0%
ELEC FINSETTLED	0	1.5	-100.0%	0	-	0	1	-100.0%
EUROPEAN JET KEROSENE NWE (P	0	3	-100.0%	0	-	0	0	-100.0%
HEATING OIL PHY	1,446	2,423.15	-40.3%	1,145.65	26.2%	1,292	2,426	-46.7%
PJM MONTHLY	0	0	-	0	-	0	0	-
NY HARBOR HEAT OIL SWP	120	263.35	-54.4%	213.25	-43.6%	168	269	-37.6%
BRENT CALENDAR SWAP	103	24	330.3%	0	-	50	60	-16.8%
NATURAL GAS 3 M CSO FIN	225	211.55	6.4%	46.25	386.5%	133	905	-85.3%
RBOB PHY	911	2,508.25	-63.7%	809.8	12.5%	859	1,550	-44.6%
SAN JUAN PIPE SWAP	19	0	-	0	-	9	36	-74.5%
NATURAL GAS 2 M CSO FIN	13	50	-73.7%	25	-47.4%	19	18	7.6%
SINGAPORE JET FUEL CALEND	0	0	-	0	-	0	6	-100.0%
WTI-BRENT BULLET SWAP	1,680	1,700	-1.2%	4,417	-62.0%	3,084	1,110	177.8%
CRUDE OIL APO	2,163	1,578.75	37.0%	1,707.65	26.7%	1,929	1,624	18.8%
WTI CRUDE OIL 1 M CSO FI	2,532	7,422.5	-65.9%	2,615	-3.2%	2,574	7,348	-65.0%
NATURAL GAS 6 M CSO FIN	411	177.5	131.3%	297.5	38.0%	353	45	688.0%
RBOB CALENDAR SWAP	16	56.25	-71.9%	58	-72.8%	37	27	39.9%
CRUDE OIL PHY	144,821	205,648.05	-29.6%	154,244.3	-6.1%	149,654	184,583	-18.9%
RBOB 1MO CAL SPD OPTIONS	0	0	-	0	-	0	47	-100.0%
MCCLOSKEY ARA ARGS COAL	0	228	-100.0%	0	-	0	38	-100.0%
MCCLOSKEY RCH BAY COAL	0	0	-	0	-	0	10	-100.0%
NYISO ZONE G 5MW PEAK OPTIONS	453	0	-	561.5	-19.4%	508	44	1048.1%
NATURAL GAS	0	25	-100.0%	0	-	0	2	-100.0%
HUSTN SHIP CHNL PIPE SWP	0	0	-	0	-	0	0	-
N ROCKIES PIPE SWAP	32	0	-	0	-	16	26	-40.1%
SOCAL PIPE SWAP	0	500	-100.0%	0	-	0	44	-100.0%
ETHANOL SWAP	223	180.2	23.8%	352	-36.6%	289	354	-18.4%
SHORT TERM NATURAL GAS	522	328.35	59.0%	363.75	43.5%	441	276	60.0%
BRENT OIL LAST DAY	1,262	605.25	108.4%	771.75	63.5%	1,010	1,252	-19.3%
SINGAPORE GASOIL CALENDAR	0	0	-	0	-	0	0	-
EURO-DENOMINATED PETRO PROD	0	0	-	0	-	0	0	-

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<b>Energy Options</b>								
HEATING OIL CRK SPD AVG PRICE	0	0	-	0	-	0	1	-100.0%
HO 1 MONTH CLNDR OPTIONS	0	0	-	0	-	0	23	-100.0%
CRUDE OIL 1MO	6,358	8,641.75	-26.4%	10,154.1	-37.4%	8,305	11,928	-30.4%
ROTTERDAM 3.5%FUEL OIL CL	0	0	-	0	-	0	3	-100.0%
SHORT TERM	138	143.5	-4.1%	116.75	17.9%	127	126	1.1%
COAL SWAP	3	6.55	-51.8%	6	-47.4%	5	7	-30.4%
NYMEX EUROPEAN GASOIL OPT	0	0	-	0	-	0	0	-
NATURAL GAS 5 M CSO FIN	108	0	-	0	-	53	5	1003.8%
NYMEX EUROPEAN GASOIL APO	0	0	-	0	-	0	0	-100.0%
COAL API2 INDEX	72	1,520.45	-95.3%	69.75	3.5%	71	629	-88.7%
COAL API4 INDEX	0	22.5	-100.0%	0	-	0	7	-100.0%
NATURAL GAS 1 M CSO FIN	568	427.5	33.0%	1,375	-58.7%	982	669	46.7%
ETHANOL	16	0	-	0.75	2005.3%	8	2	352.3%
PJM WES HUB PEAK CAL MTH	32	417	-92.4%	62	-49.1%	47	46	3.2%
PJM WES HUB PEAK LMP 50MW	270	0	-	66.1	308.9%	166	47	249.6%
GASOLINE	0	0	-	0	-	0	3	-100.0%
LLS CRUDE OIL	174	75	131.6%	0	-	85	47	81.8%
1 MO GASOIL CAL SWAP SPR	0	0	-	0	-	0	0	-
NG HH 3 MONTH CAL	0	0	-	0	-	0	2	-100.0%

## Metals Futures

PALLADIUM	7,455	7,557.95	-1.4%	5,597.95	33.2%	6,503	5,698	14.1%
NYMEX PLATINUM	15,100	13,143.65	14.9%	17,280.95	-12.6%	16,218	15,849	2.3%
NYMEX HOT ROLLED STEEL	151	361.25	-58.2%	275.05	-45.1%	215	214	0.4%
URANIUM	62	20	210.5%	18.5	235.7%	40	30	32.1%
COMEX SILVER	95,227	84,708.35	12.4%	70,702.4	34.7%	82,650	72,297	14.3%
COMEX GOLD	231,177	218,476.45	5.8%	298,944.6	-22.7%	265,929	228,432	16.4%
COMEX COPPER	123,584	87,742	40.8%	84,862.95	45.6%	103,727	85,415	21.4%
COMEX MINY COPPER	63	29.4	113.2%	30.15	107.9%	46	26	73.7%
COPPER	22	3.5	524.1%	3	628.1%	12	15	-20.9%
E-MICRO GOLD	4,442	5,073.25	-12.4%	3,837.4	15.8%	4,132	3,877	6.6%
SILVER	251	397.9	-36.8%	290.1	-13.3%	271	405	-32.9%
FERROUS PRODUCTS	9	0	-	0	-	4	4	13.0%
METALS	0	0	-	0	-	0	0	-100.0%
ALUMINUM	403	82.5	388.4%	553	-27.1%	480	165	190.7%
GOLD	0	0	-	0	-	0	0	-100.0%
Gold Kilo	15	432.2	-96.4%	39.3	-60.9%	28	223	-87.6%
LNDN ZINC	1	1.75	-54.9%	0.25	215.8%	1	1	-43.8%
Aluminium MW Trans Prem Platts	403	221.8	81.9%	841.45	-52.1%	628	273	129.8%
IRON ORE 62 CHINA PLATTS FUTUR	50	20.5	144.4%	2	2405.3%	25	12	109.7%
IRON ORE 62 CHINA TSI FUTURES	470	786.8	-40.3%	531.85	-11.7%	502	791	-36.6%
COMEX E-Mini GOLD	413	450.4	-8.2%	608.6	-32.1%	513	517	-0.6%
COMEX E-Mini SILVER	49	40.25	22.4%	44.5	10.7%	47	59	-21.3%

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<b>Metals Options</b>								
PALLADIUM	111	215.75	-48.5%	234.4	-52.6%	174	167	4.4%
NYMEX PLATINUM	111	239.05	-53.4%	221.4	-49.7%	168	211	-20.5%
COMEX SILVER	4,252	6,505.1	-34.6%	4,722.1	-10.0%	4,493	5,459	-17.7%
COMEX GOLD	38,215	59,885.9	-36.2%	34,888.15	9.5%	36,509	39,349	-7.2%
COMEX COPPER	193	107.85	78.7%	207.65	-7.2%	200	153	31.3%
SILVER	15	1	1394.7%	2.25	564.3%	8	11	-21.4%
GOLD	519	238.05	117.9%	278.4	86.3%	395	237	66.9%
IRON ORE 62 CHINA TSI PUT OPTIO	180	22.5	700.0%	98.25	83.2%	138	129	7.4%
IRON ORE 62 CHINA TSI CALL OPTIC	116	158	-26.4%	43.6	166.8%	79	158	-49.9%
<b>Foreign Exchange Futures</b>								
CHILEAN PESO	21	0	-	5.05	311.7%	13	0	31935.0%
<b>Ags Futures</b>								
WHEAT	372	0	-	682.45	-45.5%	531	308	72.4%
<b>Ags Options</b>								
WHEAT	0	0	-	0	-	0	2	-100.0%
<b>TOTAL FUTURES GROUP</b>								
Interest Rate Futures	8,084,504	7,484,296.9	8.0%	6,248,363.55	29.4%	7,142,893	5,713,783	25.0%
Equity Index Futures	1,798,391	2,828,438.15	-36.4%	1,838,520.7	-2.2%	1,818,970	2,419,876	-24.8%
Metals Futures	479,347	419,549.9	14.3%	484,464	-1.1%	481,971	414,304	16.3%
Energy Futures	2,190,551	2,377,156.2	-7.8%	2,211,203.2	-0.9%	2,201,142	2,106,350	4.5%
FX Futures	699,810	849,353.2	-17.6%	847,174.35	-17.4%	775,382	781,555	-0.8%
Commodities and Alternative Invest	1,310,521	1,177,066.4	11.3%	966,473.75	35.6%	1,134,087	1,078,201	5.2%
Foreign Exchange Futures	21	0	-	5.05	311.7%	13	0	31935.0%
Ags Futures	372	0	-	682.45	-45.5%	531	308	72.4%
<b>TOTAL FUTURES</b>	<b>14,563,517</b>	<b>15,135,860.75</b>	<b>-3.8%</b>	<b>12,596,887.05</b>	<b>15.6%</b>	<b>13,554,988.77</b>	<b>12,514,375.44</b>	<b>8.3%</b>
<b>TOTAL OPTIONS GROUP</b>								
Interest Rate Options	2,468,857	2,154,505.7	14.6%	2,142,962.65	15.2%	2,301,732	1,802,859	27.7%
Equity Index Options	736,453	650,530.45	13.2%	653,870.65	12.6%	694,103	636,383	9.1%
Metals Options	43,712	67,373.2	-35.1%	40,696.2	7.4%	42,166	45,873	-8.1%
Energy Options	297,831	359,029	-17.0%	326,235.1	-8.7%	312,397	324,469	-3.7%
FX Options	60,524	102,343.75	-40.9%	68,882.6	-12.1%	64,810	71,981	-10.0%
Commodities and Alternative Invest	234,350	197,308.45	18.8%	202,496.4	15.7%	218,015	247,686	-12.0%
Ags Options	0	0	-	0	-	0	2	-100.0%
<b>TOTAL OPTIONS</b>	<b>3,841,727</b>	<b>3,531,090.55</b>	<b>8.8%</b>	<b>3,435,143.6</b>	<b>11.8%</b>	<b>3,633,222.46</b>	<b>3,129,252.49</b>	<b>16.1%</b>

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<b>TOTAL COMBINED</b>								
Commodities and Alternative Invest	1,544,871	1,374,374.85	12.4%	1,168,970.15	32.2%	1,352,101	1,325,887	2.0%
FX	760,334	951,696.95	-20.1%	916,056.95	-17.0%	840,192	853,536	-1.6%
Equity Index	2,534,844	3,478,968.6	-27.1%	2,492,391.35	1.7%	2,513,074	3,056,258	-17.8%
Interest Rate	10,553,360	9,638,802.6	9.5%	8,391,326.2	25.8%	9,444,625	7,516,642	25.6%
Energy	2,488,382	2,736,185.2	-9.1%	2,537,438.3	-1.9%	2,513,539	2,430,819	3.4%
Metals	523,059	486,923.1	7.4%	525,160.2	-0.4%	524,137	460,177	13.9%
Foreign Exchange	21	0	-	5.05	311.7%	13	0	31935.0%
Ags	372	0	-	682.45	-45.5%	531	310	71.5%
<b>GRAND TOTAL</b>	<b>18,405,243</b>	<b>18,666,951.3</b>	<b>-1.4%</b>	<b>16,032,030.65</b>	<b>14.8%</b>	<b>17,188,211.23</b>	<b>15,643,627.92</b>	<b>9.9%</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.