

CME Group Exchange ADV Report - Monthly

November 2015

Page 1 of 18

	ADV NOV 2015	ADV NOV 2014	% CHG	ADV OCT 2015	% CHG	ADV Y.T.D 2015	ADV Y.T.D 2014	% CHG
Commodities and Alternative Investments Futures								
HDD SEASONAL STRIP	11	5.26	113.7%	12.5	-10.0%	4	3	29.8%
CDD SEASONAL STRIP	0	0	-	0	-	6	0	1431.8%
CDD WEATHER	0	0	-	0	-	26	29	-11.7%
HDD WEATHER EUROPEAN	3	13.16	-81.0%	0	-	0	7	-96.9%
WKLY AVG TEMP	0	0	-	0	-	0	3	-100.0%
HDD WEATHER	74	56.58	30.3%	6.82	981.6%	35	28	24.0%
HOUSING INDEX	1	0.47	79.5%	0.41	107.8%	0	1	-31.9%
MILK	1,124	1,340.21	-16.1%	820.41	37.1%	1,084	1,423	-23.9%
HDD EURO SEASONAL STRIP	0	65.79	-100.0%	0	-	0	25	-98.3%
CASH-SETTLED CHEESE	591	538.53	9.7%	337.73	74.9%	453	319	41.9%
CAT WEATHER EUROPEAN	0	0	-	0	-	0	2	-100.0%
LIVE CATTLE	60,696	50,658	19.8%	55,566.5	9.2%	53,104	53,965	-1.6%
BUTTER CS	104	123.05	-15.3%	69.91	49.1%	121	139	-12.5%
LUMBER	574	471.53	21.7%	957.32	-40.1%	802	637	25.9%
DRY WHEY	99	105.42	-6.6%	85.73	14.9%	81	71	14.2%
CLASS IV MILK	34	37.47	-10.2%	37.41	-10.0%	44	97	-55.0%
NFD MILK	263	124.11	111.9%	245.5	7.1%	193	113	70.7%
GSCI EXCESS RETURN FUT	45	26.84	66.0%	19.5	128.5%	825	801	2.9%
LEAN HOGS	41,834	37,262.32	12.3%	32,612.73	28.3%	38,997	42,289	-7.8%
FEEDER CATTLE	9,611	6,782.63	41.7%	11,008.32	-12.7%	9,794	8,398	16.6%
MLK MID	0	0	-	0	-	0	0	-
GOLDMAN SACHS	1,446	1,216.47	18.9%	1,283.77	12.6%	1,390	1,088	27.7%
COCOA TAS	25	2.53	885.6%	9.95	150.1%	7	1	481.9%
SUGAR 11	9	3.84	130.3%	2.14	314.2%	6	3	94.1%
COFFEE	2	1.21	52.8%	1.64	13.1%	3	2	58.7%
COTTON	1	3.79	-76.3%	1.95	-54.0%	2	3	-15.6%
MINI WHEAT	321	356.32	-9.8%	253.18	26.9%	340	401	-15.3%
CORN	436,826	391,564	11.6%	259,484.05	68.3%	340,774	275,545	23.7%
SOYBEAN MEAL	107,372	108,989.16	-1.5%	95,756.59	12.1%	96,138	81,894	17.4%
SOYBEAN OIL	133,369	125,592.47	6.2%	114,522.36	16.5%	112,438	94,323	19.2%
ROUGH RICE	955	543.16	75.9%	1,979.59	-51.7%	1,202	896	34.2%
DOW-UBS COMMOD INDEX	1,196	519.11	130.3%	750.82	59.2%	1,337	1,014	31.8%
MINI SOYBEAN	614	1,628.95	-62.3%	1,243.91	-50.7%	925	1,257	-26.4%
OATS	1,249	1,152.79	8.3%	600.73	107.9%	789	796	-0.8%
SOYBEAN	165,729	192,693.05	-14.0%	284,163.41	-41.7%	212,674	195,117	9.0%
MINI CORN	567	1,019.74	-44.4%	426.05	33.0%	542	684	-20.7%
ETHANOL	561	1,004.58	-44.2%	497.18	12.7%	757	965	-21.6%
DOW-UBS COMMOD INDEX SWAP	0	0	-	0	-	0	0	-
GRAIN BASIS SWAPS	0	0	-	0	-	0	0	-100.0%
FERTILIZER PRODUCTS	149	68.68	116.6%	90.45	64.4%	102	67	52.0%
S&P GSCI ENHANCED ER SWAP	0	0	-	0	-	340	320	6.2%
OTC SP GSCI ER SWAP	0	0	-	0	-	0	8	-100.0%
CHI WHEAT	157,218	125,658.95	25.1%	105,543.95	49.0%	127,660	102,591	24.4%
KC WHEAT	45,507	29,909.21	52.2%	22,961.32	98.2%	30,200	23,290	29.7%
DJ_UBS ROLL SELECT INDEX FUTU	0	0	-	0	-	30	16	85.8%
MALAYSIAN PALM SWAP	217	254.74	-14.8%	220.18	-1.4%	208	171	21.6%
Intercommodity Spread	0	0	-	0	-	0	0	-

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

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.

CME Group Exchange ADV Report - Monthly

November 2015

Page 2 of 18

	ADV NOV 2015	ADV NOV 2014	% CHG	ADV OCT 2015	% CHG	ADV Y.T.D 2015	ADV Y.T.D 2014	% CHG
Commodities and Alternative Investments Options								
HDD SEASONAL STRIP	5	100	-95.0%	386.36	-98.7%	74	95	-22.1%
CDD SEASONAL STRIP	0	0	-	0	-	290	137	112.0%
CDD WEATHER	0	0	-	0	-	1	9	-92.9%
HDD WEATHER EUROPEAN	0	26.32	-100.0%	90.91	-100.0%	13	7	81.8%
HDD WEATHER	0	31.58	-100.0%	0	-	12	24	-50.1%
HOUSING INDEX	0	0	-	0	-	0	0	-100.0%
LV CATL CSO	0	2.11	-100.0%	0	-	0	2	-84.6%
SBIN HURR	0	0	-	0	-	0	0	-
SNOWFALL	0	0	-	0	-	0	1	-100.0%
MILK	933	1,661.84	-43.9%	796.59	17.1%	1,051	1,436	-26.8%
HDD EURO SEASONAL STRIP	0	131.58	-100.0%	45.45	-100.0%	32	138	-76.5%
CASH-SETTLED CHEESE	556	349.42	59.2%	298.45	86.3%	294	155	89.7%
CAT WEATHER EUROPEAN	0	0	-	0	-	13	30	-56.4%
LIVE CATTLE	21,355	13,179.74	62.0%	18,540.95	15.2%	15,151	16,037	-5.5%
BUTTER CS	10	70.21	-85.7%	13.64	-26.3%	50	48	5.6%
LUMBER	39	37.42	3.2%	44.59	-13.4%	53	55	-3.1%
DRY WHEY	1	9.16	-89.1%	1.23	-18.5%	12	18	-30.8%
CLASS IV MILK	20	18.79	3.8%	66.05	-70.5%	34	82	-58.7%
NFD MILK	206	98.63	108.9%	345.73	-40.4%	181	65	178.9%
LEAN HOGS	15,059	9,548.58	57.7%	9,630.77	56.4%	11,294	12,332	-8.4%
FEEDER CATTLE	1,608	1,568.58	2.5%	1,666.73	-3.5%	1,695	1,490	13.8%
MLK MID	2	9.79	-75.5%	2.77	-13.4%	2	5	-61.9%
JULY-DEC WHEAT CAL SPRD	0	0	-	0	-	55	24	126.5%
CORN	71,170	87,366.68	-18.5%	66,005.82	7.8%	100,056	84,312	18.7%
SOYBEAN MEAL	12,315	16,717.53	-26.3%	11,273.55	9.2%	11,711	10,272	14.0%
SOYBEAN OIL	9,604	8,025.11	19.7%	9,392.5	2.3%	7,944	6,903	15.1%
AUG-NOV SOYBEAN CAL SPRD	0	0	-	0	-	0	16	-100.0%
DEC-JULY CORN CAL SPRD	2	0	-	98.41	-98.2%	44	4	987.7%
DEC-DEC CORN CAL SPRD	37	36.63	0.3%	61.18	-39.9%	18	11	66.0%
NOV-JULY SOYBEAN CAL SPRD	0	0	-	0	-	0	4	-92.5%
JAN-MAY SOYBEAN CAL SPRD	0	0	-	0	-	0	2	-100.0%
JULY-JULY WHEAT CAL SPRD	0	0	-	0	-	0	3	-100.0%
NOV-NOV SOYBEAN CAL SPRD	0	0	-	0	-	1	0	-
ROUGH RICE	73	44.74	63.5%	128.68	-43.2%	89	65	38.2%
WHEAT	4	0	-	0	-	2	1	62.9%
WHEAT-CORN IC50	18	76.32	-76.4%	31.82	-43.4%	72	61	18.4%
CORN NEARBY+2 CAL SPRD	496	128.42	286.0%	256.14	93.5%	220	354	-37.8%
SOYBN NEARBY+2 CAL SPRD	0	8	-100.0%	0	-	1	34	-96.4%
WHEAT NEARBY+2 CAL SPRD	324	128.68	151.5%	351.14	-7.8%	567	254	123.2%
SOY OIL NEARBY+2 CAL SPRD	0	0	-	0	-	0	10	-96.7%
SOYMEAL NEARBY+2 CAL SPRD	0	2.63	-100.0%	0	-	1	1	55.9%
JULY-DEC CORN CAL SPRD	55	63.58	-13.8%	360.68	-84.8%	141	357	-60.6%
DEC-JULY WHEAT CAL SPRD	0	31.05	-100.0%	0	-	0	5	-96.9%
JULY-NOV SOYBEAN CAL SPRD	111	33.95	227.4%	46.95	136.7%	161	228	-29.6%
OATS	80	140.68	-43.3%	75.23	6.0%	85	99	-14.1%
SOYBEAN	52,025	69,358.68	-25.0%	70,238	-25.9%	74,707	71,098	5.1%
JULY-DEC SOY OIL CAL SPRD	0	0	-	0	-	0	1	-80.7%
SOYBEAN CRUSH	23	15.53	49.1%	17	36.2%	9	12	-23.2%
MAY-NOV SOYBEAN CAL SPRD	0	0	-	0	-	0	1	-100.0%

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

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.

CME Group Exchange ADV Report - Monthly

November 2015

Page 3 of 18

	ADV NOV 2015	ADV NOV 2014	% CHG	ADV OCT 2015	% CHG	ADV Y.T.D 2015	ADV Y.T.D 2014	% CHG
Commodities and Alternative Investments Options								
CHI WHEAT	22,607	20,540.37	10.1%	25,584.05	-11.6%	30,445	24,393	24.8%
KC WHEAT	1,955	1,805.42	8.3%	943.91	107.1%	1,950	1,756	11.0%
JULY-DEC SOYMEAL CAL SPRD	0	0	-	0	-	0	0	-100.0%
MAR-JULY WHEAT CAL SPRD	85	4.21	1928.3%	240.77	-64.5%	32	2	1736.0%
SEP-DEC SOYBEAN MEAL CSO	0	0	-	0	-	5	0	-
NOV-DEC SOYBEAN CSO	0	0	-	0	-	0	3	-100.0%
Intercommodity Spread	0	0	-	14.77	-100.0%	4	0	5128.6%
MAR-DEC CORN CAL SPRD	0	0	-	0	-	24	16	43.3%
MAR-JULY CORN CAL SPRD	15	10.53	42.5%	0	-	1	2	-34.5%
DEC-JUL SOYBEAN OIL CSO	0	0	-	0	-	0	1	-100.0%
FX Futures								
TURKISH LIRA	0	0.26	-62.0%	0.23	-56.0%	1	80	-99.3%
TURKISH LIRA (EU)	0	0.16	-100.0%	0.05	-100.0%	0	57	-99.9%
JAPANESE YEN	110,061	199,541.68	-44.8%	135,681.82	-18.9%	143,310	152,063	-5.8%
KOREAN WON	2	0.11	1561.9%	0.14	1183.0%	2	9	-80.1%
CD/JY CROSS RATES	0	0.42	-100.0%	0.77	-100.0%	1	5	-76.6%
CANADIAN DOLLAR	52,021	62,716.53	-17.1%	58,350.59	-10.8%	67,843	59,907	13.2%
AD/NE CROSS RATES	0	5.47	-91.8%	1.55	-70.9%	2	9	-73.2%
BRITISH POUND	75,318	91,612.47	-17.8%	74,342.23	1.3%	95,928	98,560	-2.7%
RUSSIAN RUBLE	1,727	2,051.47	-15.8%	745.14	131.7%	1,572	1,478	6.4%
SWISS FRANC	22,919	43,915.95	-47.8%	17,350.05	32.1%	21,760	38,250	-43.1%
NEW ZEALND DOLLAR	17,206	24,431.32	-29.6%	19,806.86	-13.1%	19,947	16,302	22.4%
BP/JY CROSS RATES	44	97.11	-54.6%	29.82	47.9%	54	203	-73.5%
SHEKEL	0	0.21	-100.0%	0.05	-100.0%	0	24	-99.6%
E-MICRO USD/CAD	0	0	-	0	-	0	0	557.0%
E-MICRO GBP/USD	1,422	1,447	-1.7%	1,810.82	-21.5%	1,975	1,438	37.4%
E-MICRO USD/CHF	0	0	-	0	-	0	0	-9.2%
E-MICRO EUR/USD	12,549	8,654.37	45.0%	15,653.55	-19.8%	17,206	7,815	120.2%
E-MICRO USD/JPY	0	0.53	-90.5%	0	-	0	0	-5.6%
E-MICRO AUD/USD	2,189	2,649.68	-17.4%	2,791	-21.6%	2,604	2,060	26.4%
AUSTRALIAN DOLLAR	80,024	109,058.63	-26.6%	79,659.32	0.5%	93,311	90,194	3.5%
E-MINI JAPANESE YEN	448	914.68	-51.0%	578.14	-22.4%	831	700	18.7%
EFX/JY CROSS RATES	1,670	2,342.79	-28.7%	1,774.23	-5.9%	2,088	2,218	-5.9%
RMB USD	10	22.37	-57.1%	17	-43.5%	21	16	29.4%
EFX/BP CROSS RATES	2,113	2,256.53	-6.4%	2,074.64	1.8%	2,822	2,948	-4.3%
EFX/SF CROSS RATES	1,038	2,016.11	-48.5%	956.45	8.5%	1,461	1,823	-19.9%
INDIAN RUPEE	453	35.95	1159.2%	474.18	-4.5%	534	44	1122.6%
EC/SEK CROSS RATES	3	0.37	632.9%	4	-32.5%	18	36	-48.2%
S.AFRICAN RAND	807	419.74	92.2%	572.86	40.9%	768	485	58.3%
MEXICAN PESO	33,945	35,938.32	-5.5%	38,489.68	-11.8%	42,815	41,603	2.9%
EURO FX	212,150	240,257.58	-11.7%	202,508.82	4.8%	256,615	207,176	23.9%
SF/JY CROSS RATES	0	0	-	0	-	0	0	-100.0%
EC/CD CROSS RATES	62	93.05	-33.7%	45.55	35.4%	113	161	-29.6%
EC/NOK CROSS RATES	0	0	-	0	-	3	5	-30.7%
EC/AD CROSS RATES	40	44.89	-11.3%	54.86	-27.5%	87	64	35.7%
BP/SF CROSS RATES	0	20	-99.3%	1	-85.0%	6	19	-66.8%

*** 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.

CME Group Exchange ADV Report - Monthly

November 2015

Page 4 of 18

	ADV NOV 2015	ADV NOV 2014	% CHG	ADV OCT 2015	% CHG	ADV Y.T.D 2015	ADV Y.T.D 2014	% CHG
FX Futures								
E-MINI EURO FX	4,026	4,007.53	0.5%	4,207.73	-4.3%	5,854	3,631	61.2%
MICRO CHF/USD	84	132.47	-36.3%	126.59	-33.4%	111	192	-42.0%
POLISH ZLOTY (EC)	0	5.26	-100.0%	0.09	-100.0%	0	143	-99.8%
AD/JY CROSS RATES	148	304.37	-51.2%	108.5	36.8%	191	279	-31.6%
AD/CD CROSS RATES	0	4.16	-92.8%	0.14	119.9%	1	4	-76.7%
HUNGARIAN FORINT (US)	0	0.11	-100.0%	0	-	0	2	-99.6%
CZECK KORUNA (EC)	0	0	-	0	-	0	0	-100.0%
POLISH ZLOTY (US)	11	97.63	-88.9%	10.55	2.9%	25	97	-74.1%
SKR/USD CROSS RATES	45	33.16	34.5%	30.91	44.3%	53	48	10.1%
HUNGARIAN FORINT (EC)	0	0	-	0	-	0	3	-100.0%
CZECK KORUNA (US)	0	0.05	-100.0%	0	-	0	0	-100.0%
NKR/USD CROSS RATE	32	41.53	-23.8%	25.82	22.6%	50	58	-13.4%
BRAZIL REAL	4,095	6,664.74	-38.6%	1,982.68	106.6%	2,762	2,575	7.3%
E-MICRO USD/CNH	1	5.53	-87.3%	0.68	2.7%	1	1	19.0%
CHINESE RENMINBI (CNH)	110	21.63	410.1%	65.68	68.0%	49	26	92.3%
E-MICRO JPY/USD	350	701.26	-50.1%	420.77	-16.8%	612	651	-6.0%
EURO QUARTERLY VARIANCE FUTU	0	0	-	0	-	0	0	-
E-MICRO CAD/USD	475	555.95	-14.6%	749.82	-36.7%	623	704	-11.5%
E-MICRO INR/USD	3	123.84	-97.6%	7.14	-58.7%	11	159	-93.2%
USDZAR	2	0.42	374.9%	1.32	51.7%	2	6	-59.4%
FX Options								
AUSTRALIAN DLR (EU)	4	30.63	-88.2%	1.73	108.4%	5	13	-58.0%
JAPANESE YEN	9,628	17,451.58	-44.8%	13,416.91	-28.2%	11,542	11,942	-3.3%
EURO FX (EU)	224	635.32	-64.8%	147.95	51.3%	244	360	-32.3%
CANADIAN DOLLAR	4,330	5,127.11	-15.6%	5,182.14	-16.4%	5,452	5,556	-1.9%
BRITISH POUND	8,234	10,960.32	-24.9%	6,985.59	17.9%	10,457	12,037	-13.1%
RUSSIAN RUBLE	0	0	-	0	-	1	29	-97.0%
CANADIAN DOLLAR (EU)	3	53.32	-93.8%	0.32	937.1%	6	25	-75.1%
SWISS FRANC (EU)	0	0.63	-100.0%	0	-	0	7	-100.0%
SWISS FRANC	1,245	1,497.58	-16.8%	523.64	137.8%	700	1,178	-40.6%
BRITISH POUND (EU)	17	48.26	-65.3%	34.64	-51.6%	28	39	-26.6%
NEW ZEALND DOLLAR	0	0.26	-100.0%	0	-	0	3	-98.1%
AUSTRALIAN DOLLAR	5,586	7,527.89	-25.8%	5,350.09	4.4%	6,203	6,204	0.0%
MEXICAN PESO	61	110.26	-44.8%	95.23	-36.1%	68	39	75.2%
EURO FX	43,383	40,040.37	8.3%	39,762.82	9.1%	49,217	30,281	62.5%
JAPANESE YEN (EU)	11	65.53	-83.4%	24.32	-55.2%	19	46	-59.5%
BRAZIL REAL	0	0	-	0	-	0	0	-100.0%

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

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.

CME Group Exchange ADV Report - Monthly

November 2015

Page 5 of 18

	ADV NOV 2015	ADV NOV 2014	% CHG	ADV OCT 2015	% CHG	ADV Y.T.D 2015	ADV Y.T.D 2014	% CHG
Equity Index Futures								
E-MINI RUSSELL 1000	38	0	-	6.95	442.1%	4	0	-
DJ US REAL ESTATE	558	406.58	37.2%	685.73	-18.7%	644	481	34.0%
E-MINI NASDAQ 100	221,558	211,260.47	4.9%	262,823.77	-15.7%	264,108	299,539	-11.8%
S&P ENERGY SECTOR	494	471.05	4.9%	510.36	-3.1%	372	370	0.5%
S&P MATERIALS SECTOR	151	167.53	-9.9%	111.18	35.7%	162	119	35.9%
S&P FINANCIAL SECTOR	205	50.37	307.3%	143.23	43.2%	218	159	37.3%
S&P HEALTH CARE SECTOR	494	227.53	117.2%	817.23	-39.5%	573	225	154.6%
S&P INDUSTRIAL SECTOR	192	121.63	57.8%	62.18	208.7%	165	148	11.6%
S&P UTILITIES SECTOR	481	520.21	-7.5%	391.41	22.9%	522	351	48.8%
S&P TECHNOLOGY SECTOR	167	81.05	105.4%	260.86	-36.2%	219	164	33.7%
S&P CONSUMER DSCRNTNRY SECTC	329	82.26	300.4%	171.68	91.8%	475	146	225.4%
S&P 500	6,814	8,037.63	-15.2%	6,696.91	1.8%	11,502	13,443	-14.4%
E-MICRO NIFTY	0	0	-	0	-	4	0	-
NASDAQ	0	753.84	-100.0%	0	-	395	1,004	-60.7%
E-MINI MIDCAP	16,636	12,781.47	30.2%	18,276.68	-9.0%	20,663	20,975	-1.5%
NIKKEI 225 (\$) STOCK	10,546	20,611.05	-48.8%	12,123.59	-13.0%	16,554	19,111	-13.4%
NIKKEI 225 (YEN) STOCK	44,104	57,352.42	-23.1%	50,210.23	-12.2%	52,426	48,353	8.4%
IBOVESPA INDEX	14	13.53	4.2%	26.36	-46.5%	19	18	9.7%
S&P 600 SMALLCAP EMINI	0	0	-	0	-	0	0	-98.1%
S&P CONSUMER STAPLES SECTOR	131	152.74	-14.0%	85.64	53.4%	516	267	93.3%
E-MINI S&P500	1,432,149	1,169,624.84	22.4%	1,648,369.41	-13.1%	1,673,123	1,686,588	-0.8%
S&P 500/VALUE	110	0.32	34621.3%	0.36	30056.8%	11	6	68.6%
S&P 500 GROWTH	1	0.47	58.3%	0.36	106.3%	2	3	-52.9%
S&P 400 MIDCAP	0	105.32	-100.0%	0	-	30	84	-64.4%
\$25 DJ	0	0	-	0	-	0	0	-100.0%
MINI \$5 DOW	128,307	102,886.37	24.7%	146,646.82	-12.5%	159,596	154,975	3.0%
DJIA	0	246.47	-100.0%	0	-	161	504	-68.1%
NASDAQ BIOTECH	3	13.16	-76.1%	0	-	7	2	202.0%
FT-SE 100	69	0	-	53.68	28.0%	11	0	-
E-MINI RUSSELL 1000 GROWTH	18	0	-	3.77	389.0%	2	0	-
E-MINI RUSSELL 1000 VALUE	22	0	-	3.86	465.5%	2	0	-
Equity Index Options								
E-MINI NASDAQ 100	8,043	8,902.53	-9.7%	6,677.82	20.4%	5,719	12,516	-54.3%
S&P 500	30,637	34,178.63	-10.4%	32,269.82	-5.1%	35,647	34,317	3.9%
EOW4 EMINI S&P 500	31,615	1,829	1628.6%	53,191.09	-40.6%	46,663	36,260	28.7%
EOW2 S&P 500	4,363	1,555.53	180.5%	3,079.64	41.7%	3,677	3,702	-0.7%
EOW1 EMINI S&P 500	50,833	55,119.32	-7.8%	48,177	5.5%	47,433	41,347	14.7%
NASDAQ	0	1.16	-100.0%	0	-	0	1	-86.9%
EOW1 S&P 500	2,273	3,510.58	-35.2%	1,706.45	33.2%	1,622	2,106	-23.0%
E-MINI MIDCAP	0	0.95	-63.1%	0.09	285.0%	0	4	-95.6%
EOM S&P 500	5,028	4,553.05	10.4%	5,317.32	-5.4%	5,103	4,063	25.6%
EOM EMINI S&P	32,845	53,047.47	-38.1%	57,295.36	-42.7%	51,921	45,724	13.6%
EOW2 EMINI S&P 500	47,743	33,462.89	42.7%	46,805.59	2.0%	48,760	41,883	16.4%
E-MINI S&P500	287,166	258,772.32	11.0%	312,985.82	-8.2%	307,954	293,972	4.8%
MINI \$5 DOW	595	620.68	-4.1%	541.82	9.9%	555	598	-7.2%
DJIA	0	0.42	-100.0%	0	-	0	2	-93.3%

*** 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.

CME Group Exchange ADV Report - Monthly

November 2015

Page 6 of 18

	ADV NOV 2015	ADV NOV 2014	% CHG	ADV OCT 2015	% CHG	ADV Y.T.D 2015	ADV Y.T.D 2014	% CHG
Interest Rate Futures								
5-YR SWAP RATE	1,732	1,355.37	27.8%	1,875.14	-7.6%	2,579	3,094	-16.6%
2-YR SWAP RATE	28	303.21	-90.8%	57.36	-51.3%	144	440	-67.3%
10-YR SWAP RATE	1,620	1,380.95	17.3%	1,125.45	44.0%	2,857	3,112	-8.2%
1-MONTH EURODOLLAR	406	36.32	1017.3%	78.5	416.9%	247	79	212.7%
EUROYEN	0	0	-	0	-	0	0	-100.0%
EURODOLLARS	1,996,894	1,819,005.26	9.8%	2,044,690.09	-2.3%	2,343,079	2,636,641	-11.1%
7-YR SWAP	123	0	-	55.18	122.1%	17	0	-
30-YR BOND	281,287	411,949.26	-31.7%	223,996.41	25.6%	291,644	369,798	-21.1%
5-YR NOTE	1,025,634	838,578.79	22.3%	560,061.5	83.1%	774,278	779,481	-0.7%
10-YR NOTE	1,430,624	1,484,517.74	-3.6%	1,068,448.86	33.9%	1,336,350	1,351,132	-1.1%
2-YR NOTE	397,321	454,899.42	-12.7%	212,813.91	86.7%	338,854	284,977	18.9%
30-YR SWAP RATE	36	104.89	-65.3%	30.32	19.9%	145	248	-41.6%
ULTRA T-BOND	156,752	135,907	15.3%	85,620.41	83.1%	119,130	100,903	18.1%
FED FUND	66,347	34,766.42	90.8%	81,216	-18.3%	77,828	31,329	148.4%
3YR BUNDLE	0	2.95	-100.0%	0	-	1	4	-81.1%
EURO 5YR BUNDLE	0	0	-	0	-	0	1	-70.4%
2YR BUNDLE	0	9.32	-100.0%	0	-	3	9	-69.9%

Interest Rate Options

EURO MIDCURVE	622,406	397,031.11	56.8%	612,249.86	1.7%	515,400	663,363	-22.3%
EURODOLLARS	408,919	208,704.84	95.9%	462,393.09	-11.6%	433,511	196,314	120.8%
FLEX 30-YR BOND	0	0	-	0	-	0	13	-100.0%
30-YR BOND	63,809	42,701.16	49.4%	68,529.23	-6.9%	84,813	65,101	30.3%
5-YR NOTE	115,128	75,149.21	53.2%	78,133.05	47.3%	88,263	113,341	-22.1%
10-YR NOTE	286,095	352,469.47	-18.8%	295,389.73	-3.1%	396,322	399,460	-0.8%
2-YR NOTE	8,859	11,558.26	-23.4%	5,007.73	76.9%	9,983	9,873	1.1%
ULTRA T-BOND	174	213.53	-18.5%	154.77	12.4%	435	622	-30.0%
FED FUND	1,345	132.63	914.4%	2,085.36	-35.5%	1,451	101	1332.2%

Energy Futures

ERCOT NORTH ZMCPE 5MW OFFPE	0	0	-	0	-	0	0	-
TENNESSEE 500 LEG NG SWIN	0	0	-	0	-	0	1	-100.0%
NGPL TEXOK SWING SWAP	0	12.63	-100.0%	0	-	0	1	-100.0%
ELEC ERCOT OFF PEAK	0	103.16	-100.0%	0	-	76	146	-48.1%
RBOB GAS	61	28.42	114.6%	56.5	8.0%	55	37	47.2%
ELEC ERCOT DLY PEAK	10	5.79	77.0%	0	-	5	7	-30.2%
ERCOT NORTH ZMCPE 5MW OFFPE	0	103.16	-100.0%	0	-	104	577	-81.9%
ERCOT NORTH ZMCPE 5MW PEAK	10	5.79	77.0%	0	-	12	39	-68.6%
SINGAPORE JET KERO VS. GASOIL	0	2.63	-100.0%	0	-	0	0	9.1%
PETRO OUTRIGHT EURO	442	450.95	-2.1%	398.77	10.7%	414	433	-4.5%
MONT BELVIEU LDH PROPANE OPIS	34	19	77.6%	21.82	54.7%	32	35	-8.4%
MONT BELVIEU ETHANE OPIS BALM	0	17.37	-100.0%	11.36	-100.0%	12	6	81.8%
CONWAY NATURAL GASOLINE (OPI	8	12.84	-40.0%	1.14	577.6%	3	2	34.3%
PETROCHEMICALS	218	155.42	40.2%	175.5	24.2%	183	199	-8.0%
CONWAY PROPANE 5 DECIMALS S	257	273.95	-6.4%	337.23	-23.9%	217	180	20.2%

*** 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.

CME Group Exchange ADV Report - Monthly

November 2015

Page 7 of 18

	ADV NOV 2015	ADV NOV 2014	% CHG	ADV OCT 2015	% CHG	ADV Y.T.D 2015	ADV Y.T.D 2014	% CHG
Energy Futures								
CONWAY NORMAL BUTANE (OPIS) S	5	0	-	0.68	670.0%	9	5	88.8%
MONT BELVIEU NORMAL BUTANE B	10	39.84	-74.6%	30.23	-66.6%	22	26	-16.0%
MONT BELVIEU NATURAL GASOLIN	6	15.53	-64.6%	5.77	-4.7%	18	16	7.6%
IN DELIVERY MONTH EUA	0	391.05	-100.0%	66.18	-100.0%	434	485	-10.5%
WTS (ARGUS) VS WTI SWAP	180	724.11	-75.1%	55.91	222.0%	256	252	1.7%
ISO NEW ENGLAND PK LMP	0	0	-	0.91	-100.0%	0	5	-98.2%
ELEC NYISO OFF-PEAK	0	0	-	0	-	188	93	101.3%
ELEC MISO PEAK	0	0	-	0	-	15	5	182.9%
TRANSCO ZONE 4 NAT GAS IN	0	19.58	-100.0%	0	-	4	1	172.7%
COLUMB GULF MAINLINE NG B	87	211.47	-58.8%	29	200.5%	106	194	-45.1%
ONEOK OKLAHOMA NG BASIS	0	0	-	0	-	10	10	-0.4%
TEXAS GAS ZONE1 NG BASIS	0	0	-	0	-	70	26	165.8%
NYISO ZONE C 5MW D AH O P	0	0	-	0	-	0	0	-
PJM NI HUB 5MW REAL TIME	7,477	0	-	12,045.23	-37.9%	7,961	2,558	211.2%
NYISO ZONE J 5MW D AH O P	0	1,227.37	-100.0%	0	-	243	415	-41.5%
NYISO ZONE J 5MW D AH PK	0	0	-	127.45	-100.0%	39	30	31.1%
NEPOOL W CNT MASS 5MW D A	776	0	-	0	-	192	37	415.3%
PJM COMED 5MW D AH PK	0	0	-	117.27	-100.0%	31	5	472.7%
PJM DUQUS 5MW D AH O PK	0	0	-	0	-	0	0	-
NEPOOL SE MASS 5MW D AH O	0	0	-	0	-	0	0	-
NEPOOL CNCTCT 5MW D AH O	0	0	-	0	-	0	56	-100.0%
NEPOOL CONECTIC 5MW D AH	0	0	-	0	-	0	3	-100.0%
NEPOOL NE MASS 5MW D AH P	0	0	-	0	-	6	3	139.8%
NYISO ZONE C 5MW D AH PK	0	0	-	0	-	0	2	-100.0%
PETRO CRCKS & SPRDS NA	1,011	1,159.63	-12.8%	873.68	15.7%	1,365	1,192	14.5%
SINGAPORE GASOIL	163	215.21	-24.1%	100.73	62.1%	127	111	14.7%
PETRO OUTRIGHT NA	564	466.47	20.9%	391.55	44.0%	514	516	-0.4%
CRUDE OIL SPRDS	54	18.95	186.3%	155.09	-65.0%	29	2	1331.5%
RBOB GASOLINE BALMO CLNDR	85	2.21	3738.5%	3.73	2176.4%	51	37	38.2%
GASOLINE UP-DOWN BALMO SW	12	28.68	-59.0%	12.5	-6.0%	26	15	73.8%
COLUMBIA GULF MAIN NAT G	91	52.21	75.2%	0	-	11	9	22.8%
ALGON CITY GATES NAT GAS	0	0	-	0	-	0	1	-100.0%
SOUTHERN NAT LA NAT GAS	0	0	-	0	-	19	0	-
TENN 800 LEG NAT GAS INDE	14	0	-	95.18	-85.3%	10	0	1987.5%
NATURAL GAS PHY	311,812	420,002.68	-25.8%	344,466.68	-9.5%	319,431	294,471	8.5%
CRUDE OIL OUTRIGHTS	292	245.21	19.2%	365.68	-20.1%	450	288	55.9%
ELECTRICITY OFF PEAK	1,403	0	-	0	-	274	0	-
ELEC FINSETTLED	77	0	-	0	-	12	0	-
PETRO CRK&SPRD EURO	154	255.53	-39.8%	248.77	-38.2%	271	242	12.1%
FREIGHT MARKETS	9	0	-	7.14	20.5%	3	0	1907.6%
PLASTICS	6	62.63	-90.4%	34.77	-82.7%	46	26	77.0%
NYH NO 2 CRACK SPREAD CAL	3	58.26	-94.3%	286.82	-98.8%	109	182	-40.2%
TRANSCO ZONE 6 BASIS SWAP	11	32	-66.7%	48.55	-78.1%	44	15	198.5%
NYISO A	0	47.11	-100.0%	0	-	4	30	-85.7%
MINY NATURAL GAS	1,441	2,270.79	-36.5%	1,163.68	23.8%	1,287	1,578	-18.4%
HEATING OIL PHY	138,294	164,536.68	-15.9%	157,864.59	-12.4%	144,922	134,708	7.6%
DOMINION TRANSMISSION INC	421	67.26	526.3%	751.59	-44.0%	313	251	24.9%
TCO BASIS SWAP	69	2,583.42	-97.3%	209.05	-67.1%	155	660	-76.5%
PJM MONTHLY	6	0.53	1040.0%	45.82	-86.9%	30	100	-70.0%

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

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.

CME Group Exchange ADV Report - Monthly

November 2015

Page 8 of 18

	ADV NOV 2015	ADV NOV 2014	% CHG	ADV OCT 2015	% CHG	ADV Y.T.D 2015	ADV Y.T.D 2014	% CHG
Energy Futures								
WAHA INDEX SWAP FUTURE	86	0	-	0	-	7	1	789.4%
NY HARBOR HEAT OIL SWP	108	360.53	-70.0%	156.05	-30.6%	215	309	-30.5%
EASTERN RAIL DELIVERY CSX	36	211.58	-83.0%	77.05	-53.3%	171	219	-22.1%
HTG OIL	0	0	-	0.55	-100.0%	1	3	-64.8%
EUROPE 3.5% FUEL OIL MED	4	3.16	34.6%	9.95	-57.3%	5	7	-31.7%
AEP-DAYTON HUB DAILY	0	0	-	0	-	0	1	-100.0%
PJM OFF-PEAK LMP SWAP FUT	6	12.63	-52.5%	0	-	8	19	-57.0%
AEP-DAYTON HUB OFF-PEAK M	0	0	-	0	-	4	4	-5.0%
DOMINION TRAN INC - APP I	20	0	-	98.18	-79.6%	11	0	-
TENNESSEE ZONE 0 BASIS SW	0	0	-	27.45	-100.0%	3	1	194.2%
NEW YORK HUB ZONE J PEAK	0	0	-	0	-	0	0	-
TD3 MEG TO JAPAN 250K MT	0	0	-	0	-	0	0	-100.0%
FUELOIL SWAP:CARGOES VS.B	7	14.95	-50.5%	11.05	-33.0%	19	28	-32.0%
MICHIGAN HUB PEAK MONTH S	0	0	-	0	-	0	0	-100.0%
MINY HTG OIL	0	0.37	-5.0%	0.23	54.0%	0	0	-19.3%
BRENT CALENDAR SWAP	131	751.26	-82.6%	46.5	181.4%	248	357	-30.6%
EURO GASOIL 10PPM VS ICE	3	7.16	-63.7%	11.45	-77.3%	4	6	-32.7%
WTI-BRENT CALENDAR SWAP	834	1,621.32	-48.5%	874.32	-4.6%	1,090	1,063	2.6%
CENTERPOINT BASIS SWAP	97	217.68	-55.6%	0	-	92	46	99.9%
PJM NILL DA OFF-PEAK	2,974	533.89	457.0%	951.23	212.6%	2,090	940	122.4%
PANHANDLE INDEX SWAP FUTU	25	0	-	0	-	11	0	-
PJM NILL DA PEAK	139	20.47	578.2%	235.59	-41.1%	97	59	66.1%
CIN HUB 5MW REAL TIME PK	128	0	-	428.59	-70.3%	83	83	0.1%
MINY WTI CRUDE OIL	8,770	11,168.11	-21.5%	9,584.23	-8.5%	12,641	7,535	67.8%
JAPAN C&F NAPHTHA SWAP	42	55.74	-24.9%	35.18	19.0%	48	57	-16.1%
LLS (ARGUS) VS WTI SWAP	270	361.37	-25.2%	517.23	-47.8%	460	457	0.7%
RBOB PHY	158,595	142,815.63	11.0%	143,544.5	10.5%	159,898	136,595	17.1%
NEPOOL RHD ISLD 5MW D AH	70	305.47	-77.0%	92.05	-23.5%	47	85	-44.4%
NEPOOL NE MASS 5MW D AH O	0	0	-	0	-	17	0	-
NEPOOL NEW HAMP 5MW D AH	0	0	-	0	-	0	0	-
CIN HUB 5MW REAL TIME O P	5,862	0	-	12,821.82	-54.3%	3,291	1,630	101.9%
LTD NAT GAS	13,352	11,791.95	13.2%	14,123.95	-5.5%	11,160	9,248	20.7%
SAN JUAN PIPE SWAP	0	0	-	0	-	0	1	-100.0%
NORTHWEST ROCKIES BASIS S	867	112.58	669.7%	589.45	47.0%	476	72	563.1%
SINGAPORE 380CST BALMO	6	1.26	378.9%	1	505.0%	5	4	49.5%
PJM BGE DA OFF-PEAK	0	0	-	0	-	0	0	-
ULSD 10PPM CIF MED VS ICE	6	0.26	2331.6%	4.55	40.8%	4	2	58.2%
GULF COAST JET FUEL CLNDR	5	2.21	103.6%	12.95	-65.3%	16	15	8.5%
SINGAPORE GASOIL SWAP	96	272.53	-64.8%	130.95	-26.8%	113	354	-68.1%
CHICAGO ULSD PL VS HO SPR	3	2.37	26.7%	14.55	-79.4%	18	21	-13.3%
CIN HUB 5MW D AH PK	15	0	-	22.64	-32.4%	42	88	-53.0%
PJM AD HUB 5MW REAL TIME	9,826	0	-	11,117.36	-11.6%	7,093	8,354	-15.1%
TC5 RAS TANURA TO YOKOHAM	0	0	-	0	-	0	0	30.9%
Sumas Basis Swap	28	17.89	54.2%	26.36	4.7%	61	11	451.2%
RBOB CRACK SPREAD	57	55.79	2.2%	25.09	127.2%	48	68	-28.3%
NGPL TEX/OK	152	398.16	-61.9%	154.45	-1.9%	348	217	60.8%
EURO GASOIL 10 CAL SWAP	0	0	-	0	-	0	0	71.2%
HENRY HUB INDEX SWAP FUTU	341	1,351.21	-74.8%	546.91	-37.6%	448	547	-18.0%
WTI-BRENT BULLET SWAP	0	5.26	-100.0%	0	-	0	30	-100.0%

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

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.

CME Group Exchange ADV Report - Monthly

November 2015

Page 9 of 18

	ADV NOV 2015	ADV NOV 2014	% CHG	ADV OCT 2015	% CHG	ADV Y.T.D 2015	ADV Y.T.D 2014	% CHG
Energy Futures								
NYISO J OFF-PEAK	0	6.32	-100.0%	0	-	3	2	21.7%
EAST/WEST FUEL OIL SPREAD	0	29.63	-98.7%	0.59	-32.3%	10	26	-60.8%
TENNESSEE 500 LEG BASIS S	0	0	-	0	-	24	10	137.2%
NORTHERN NATURAL GAS DEMAR	6	130.53	-95.2%	5.64	10.0%	24	35	-31.5%
NEW ENGLAND HUB PEAK DAIL	0	0	-	0	-	0	0	-
HOUSTON SHIP CHANNEL INDE	0	0	-	0	-	1	1	-47.2%
ROCKIES KERN OPAL - NW IN	0	0	-	85.45	-100.0%	8	0	-
CARBON EUA EMISSIONS EURO	0	210.53	-100.0%	0	-	0	17	-100.0%
APPALACHIAN COAL (PHY)	1	15.26	-91.8%	4.27	-70.7%	11	75	-85.1%
WTI CALENDAR	1,037	1,753.95	-40.9%	1,634.45	-36.6%	1,659	1,590	4.3%
CINERGY HUB PEAK MONTH	0	0	-	0	-	0	2	-92.1%
CHICAGO ULSD (PLATTS) SWA	0	0	-	0	-	0	0	-100.0%
RBOB CALENDAR SWAP	484	389.21	24.3%	250.09	93.5%	320	397	-19.4%
AEP-DAYTON HUB MTHLY	0	0.53	-100.0%	0	-	3	6	-52.0%
CRUDE OIL PHY	807,244	642,341.79	25.7%	794,707.95	1.6%	797,138	575,981	38.4%
N ILLINOIS HUB MTHLY	0	0	-	0	-	0	4	-93.1%
NEW YORK ETHANOL SWAP	54	69.21	-22.3%	55.68	-3.5%	49	62	-21.2%
LA CARB DIESEL (OPIS)	0	1.37	-100.0%	7.09	-100.0%	1	1	81.1%
GASOIL BULLET SWAP	0	0	-	0	-	0	0	-100.0%
RBOB SPREAD (PLATTS) SWAP	0	0	-	0	-	0	0	59.3%
EURO PROPANE CIF ARA SWA	19	20	-4.5%	16.73	14.2%	18	18	4.0%
LA CARBOB GASOLINE(OPIS)S	10	13.16	-24.0%	20.45	-51.1%	23	29	-17.8%
MCCLOSKEY ARA ARGS COAL	9,749	7,827.68	24.5%	10,647.05	-8.4%	8,645	6,189	39.7%
MCCLOSKEY RCH BAY COAL	1,430	1,731.32	-17.4%	1,802.14	-20.7%	1,141	1,561	-26.9%
MGF FUT	0	0	-	0.45	-100.0%	0	1	-37.4%
MNC FUT	201	275.42	-26.9%	146.27	37.7%	203	240	-15.3%
MGN1 SWAP FUT	10	7.32	29.9%	8.23	15.5%	7	4	75.0%
UCM FUT	0	0	-	2.73	-100.0%	3	2	2.0%
MJC FUT	3	0	-	1.82	37.5%	3	2	20.0%
HEATING OIL VS ICE GASOIL	0	0	-	0	-	0	124	-100.0%
UP DOWN GC ULSD VS NMX HO	2,364	1,577.74	49.9%	2,316.55	2.1%	1,942	1,474	31.7%
HOUSTON SHIP CHANNEL BASI	314	424.11	-26.0%	181.86	72.5%	191	173	11.0%
FUEL OIL CRACK VS ICE	289	204.32	41.2%	109.14	164.3%	181	198	-8.6%
NGPL TEXOK INDEX	0	0	-	21.82	-100.0%	5	0	-
NATURAL GAS	5,514	3,763.58	46.5%	6,492.27	-15.1%	3,964	2,693	47.2%
HUSTN SHIP CHNL PIPE SWP	0	0	-	0	-	18	0	-
N ROCKIES PIPE SWAP	0	0	-	0	-	4	14	-70.0%
SOCAL PIPE SWAP	0	3.47	-100.0%	0	-	2	0	706.6%
PANHANDLE PIPE SWAP	0	0	-	0	-	1	0	-
GAS EURO-BOB OXY NWE BARGES	744	1,152.05	-35.4%	515.05	44.5%	785	1,101	-28.7%
MONT BELVIEU NATURAL GASOLIN	236	676.63	-65.1%	204.32	15.7%	262	342	-23.4%
ONTARIO POWER SWAPS	993	227.37	336.5%	7.73	12744.7%	732	1,101	-33.5%
DAILY PJM	0	0	-	364.55	-100.0%	35	50	-30.7%
BRENT OIL LAST DAY	94,763	95,545.89	-0.8%	95,184.23	-0.4%	104,521	73,386	42.4%
SINGAPORE GASOIL CALENDAR	0	29.05	-100.0%	10.91	-100.0%	30	31	-5.1%
GASOIL 0.1 CARGOES CIF NE	0	4.21	-100.0%	0	-	0	0	-87.9%
GC ULSD VS GC JET SPREAD	0	0	-	0	-	0	0	-
MARS (ARGUS) VS WTI TRD M	59	0	-	82.05	-28.5%	72	3	2602.6%
MARS (ARGUS) VS WTI SWAP	398	235.42	69.0%	343.86	15.7%	298	194	53.3%

*** 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.

CME Group Exchange ADV Report - Monthly

November 2015

Page 10 of 18

	ADV NOV 2015	ADV NOV 2014	% CHG	ADV OCT 2015	% CHG	ADV Y.T.D 2015	ADV Y.T.D 2014	% CHG
Energy Futures								
SINGAPORE JET KERO BALMO	0	0	-	10.23	-100.0%	2	1	122.2%
WTS (ARGUS) VS WTI TRD MT	8	155.89	-95.2%	57.73	-87.0%	82	49	66.1%
DUBAI CRUDE OIL BALMO	0	0	-	0	-	0	1	-56.7%
EURO 1% FUEL OIL NEW BALM	1	0.53	42.5%	3.18	-76.4%	1	1	-50.2%
BRENT CFD SWAP	0	0	-	0	-	4	24	-82.9%
PREMIUM UNLD 10P FOB MED	7	25.37	-72.0%	1.73	311.0%	14	19	-30.1%
GASOIL 0.1 CRG CIF NW VS	0	0	-	0	-	0	0	-
3.5% FUEL OIL CID MED SWA	3	3.16	-3.4%	4.09	-25.4%	3	5	-45.2%
JET FUEL CRG CIF NEW VS I	0	0	-	0	-	0	0	-33.4%
ARGUS PROPAN FAR EST INDE	36	18.21	96.6%	38.55	-7.1%	21	12	76.5%
ULSD 10PPM CIF VS ICE GAS	0	0.11	-100.0%	0	-	0	0	-26.3%
SINGAPORE NAPHTHA BALMO	0	0	-	0	-	0	1	-100.0%
NYISO ZONE G 5MW D AH PK	64	0	-	155.18	-58.9%	142	48	194.7%
GASOIL 0.1 BRGS FOB VS IC	0	0	-	0	-	0	0	9.1%
NYMEX ULSD VS NYMEX HO	4	8.95	-58.1%	0	-	5	3	54.5%
RBOB VS HEATING OIL SWAP	38	63.16	-40.6%	6.82	450.0%	44	24	82.4%
GULF COAST ULSD CRACK SPR	0	35.53	-100.0%	35.23	-100.0%	15	68	-78.4%
USGC UNL 87 CRACK SPREAD	34	5.26	541.2%	6.82	395.0%	15	19	-23.9%
JET FUEL BRG FOB RDM VS I	0	0	-	0	-	0	0	191.1%
TENNESSEE 800 LEG NG BASI	0	0	-	0	-	17	10	66.0%
NEPOOL W CNTR M 5MW D AH	43	0	-	0	-	7	2	265.1%
DATED TO FRONTLINE BRENT	228	43.16	427.7%	121.09	88.1%	142	61	134.6%
PJM APS ZONE DA PEAK	0	0	-	0	-	0	0	-
PJM DPL DA OFF-PEAK	0	0	-	0	-	0	0	-
PJM BGE DA PEAK	0	0	-	0	-	0	0	-
PJM PPL DA PEAK	0	0	-	92.73	-100.0%	14	0	-
PJM EASTERNH DA PEAK	0	0	-	0	-	0	0	-
PJM JCPL DA PEAK	0	0	-	0	-	3	30	-90.7%
PJM PSEG DA PEAK	0	0	-	5	-100.0%	0	0	-
PJM PSEG DA OFF-PEAK	0	0	-	89.09	-100.0%	8	0	-
PJM WESTH RT PEAK	1,548	53.95	2770.1%	2,840.23	-45.5%	940	874	7.6%
ALGONQUIN CITYGATES BASIS	0	0	-	7	-100.0%	6	31	-81.2%
GASOIL 0.1 CIF MED SWAP	2	0	-	0.91	65.0%	0	0	-
JET FUEL CARGOES CIF NEW	0	0	-	0	-	0	0	-100.0%
ICE GASOIL BALMO SWAP	0	0.16	-100.0%	0	-	0	0	-100.0%
ULSD 10PPM CIF MED SWAP	0	0	-	0	-	0	0	-100.0%
Tetco ELA Basis	0	0	-	0	-	6	0	-
EUROPE 1% FUEL OIL NWE CA	7	19.58	-64.0%	7.64	-7.7%	8	8	-1.7%
NEW YORK HUB ZONE G PEAK	0	0	-	0	-	0	0	-
GULF COAST NO.6 FUEL OIL	2,456	2,532.42	-3.0%	2,261.59	8.6%	3,315	2,564	29.3%
SINGAPORE FUEL 180CST CAL	51	182.74	-72.0%	63.45	-19.5%	92	204	-55.0%
SINGAPORE FUEL OIL SPREAD	17	8.95	91.7%	20.68	-17.1%	23	20	17.2%
NORTHERN ILLINOIS OFF-PEA	0	0	-	0	-	0	1	-20.5%
PJM ATSI ELEC	0	0	-	0	-	107	0	-
SING FUEL	0	0	-	0	-	0	0	-45.5%
EURO-DENOMINATED PETRO PROD	13	16.32	-23.4%	0	-	12	2	509.7%
DATED BRENT (PLATTS) DAILY SWA	0	0	-	0	-	102	17	520.4%
GAS EURO-BOB OXY NWE BARGES	252	278.32	-9.5%	173.91	44.8%	321	320	0.5%
MINY RBOB GAS	0	0.26	-24.0%	0.18	10.0%	0	0	9.1%

*** 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.

CME Group Exchange ADV Report - Monthly

November 2015

Page 11 of 18

	ADV NOV 2015	ADV NOV 2014	% CHG	ADV OCT 2015	% CHG	ADV Y.T.D 2015	ADV Y.T.D 2014	% CHG
Energy Futures								
RBOB UP-DOWN CALENDAR SWA	575	469.74	22.3%	633.18	-9.2%	489	411	18.9%
LA JET FUEL VS NYM NO 2 H	0	0	-	10	-100.0%	2	7	-68.6%
ANR OKLAHOMA	144	0	-	2.73	5165.3%	46	43	5.0%
MICHIGAN BASIS	55	18.68	193.0%	115.32	-52.5%	28	12	136.7%
TEXAS EASTERN ZONE M-3 BA	94	22.53	315.1%	205.27	-54.5%	90	171	-47.2%
PGE&E CITYGATE	0	0	-	0	-	0	0	-
NORTHEN NATURAL GAS VENTU	0	263	-100.0%	13.73	-100.0%	21	31	-30.2%
CIG BASIS	338	114.32	195.9%	44.45	660.9%	118	44	168.0%
PJM DAILY	0	0	-	0	-	0	1	-100.0%
COLUMBIA GULF ONSHORE	12	0	-	33.09	-62.5%	16	68	-76.6%
Tetco STX Basis	18	0	-	0	-	20	0	8116.3%
Transco Zone 3 Basis	0	0	-	42.64	-100.0%	30	18	63.8%
GULF COAST GASOLINE CLNDR	15	2	650.0%	9.09	65.0%	26	6	356.0%
CENTERPOINT EAST INDEX	0	13.05	-100.0%	0	-	3	1	197.8%
GULF COAST ULSD CALENDAR	8	27.74	-72.8%	27.77	-72.8%	33	52	-35.8%
GASOLINE UP-DOWN (ARGUS)	0	0	-	0	-	0	0	-100.0%
LA CARB DIESEL (OPIS) SWA	1	11	-88.6%	18.27	-93.2%	30	44	-31.5%
EURO 3.5% FUEL OIL RDAM B	16	14.68	8.3%	15.32	3.8%	27	18	45.6%
LLS (ARGUS) CALENDAR SWAP	0	0	-	0	-	0	0	-
SINGAPORE GASOIL BALMO	0	12.63	-100.0%	15.91	-100.0%	5	36	-86.1%
EUROPEAN NAPHTHA BALMO	2	9.16	-74.9%	4.59	-49.9%	4	11	-63.5%
GASOIL MINI CALENDAR SWAP	10	15.74	-33.9%	21	-50.5%	14	24	-42.6%
NY JET FUEL (ARGUS) VS HEATING	0	0	-	0	-	0	1	-100.0%
MISO 5MW PEAK	0	0	-	0	-	0	0	-
NY ULSD (ARGUS) VS HEATING OIL	64	135.74	-53.0%	292.91	-78.2%	134	112	19.7%
MISO 5MW OFF PEAK	0	0	-	0	-	0	0	-
PJM PECO ZONE5MW PEAK CAL MO	0	0	-	0	-	3	0	-
EUROPE 1% FUEL OIL RDAM C	0	0.53	-43.0%	0	-	1	1	-30.3%
SAN JUAN BASIS SWAP	239	40.74	487.6%	81.41	194.0%	107	10	923.1%
SOCAL BASIS SWAP	0	0	-	0	-	0	0	-
GULF COAST JET VS NYM 2 H	578	608.95	-5.1%	1,109.14	-47.9%	1,016	1,058	-4.0%
NY HARBOR RESIDUAL FUEL C	0	2.63	-100.0%	0	-	0	2	-75.8%
NYMEX ALUMINUM FUTURES	0	0	-	0	-	0	0	-100.0%
MICHIGAN HUB OFF-PEAK MON	0	0	-	0	-	0	0	-100.0%
EURO 3.5% FUEL OIL SPREAD	40	65.16	-39.4%	24.82	59.2%	43	31	37.5%
GASOIL CALENDAR SWAP	1	0.16	470.0%	0.14	559.8%	1	2	-45.9%
BRENT FINANCIAL FUTURES	100	478.79	-79.1%	79.55	26.1%	306	292	4.8%
ICE BRENT DUBAI SWAP	8	0	-	27.27	-72.5%	42	18	137.1%
GASOIL CRACK SPREAD CALEN	141	15.79	790.1%	81.82	71.8%	164	112	46.6%
EUROPEAN NAPHTHA CRACK SPR	113	230.11	-51.0%	131.41	-14.2%	324	430	-24.7%
CRUDE OIL	1,806	573.11	215.2%	381.91	373.0%	958	465	105.9%
NEPOOL INTR HUB 5MW D AH	3,500	5,918.05	-40.9%	2,863.41	22.2%	1,466	1,521	-3.6%
NEPOOL SE MASS 5MW D AH P	0	0	-	0	-	0	0	-
PJM DAYTON DA OFF-PEAK	2,744	0	-	720.91	280.6%	728	2,243	-67.5%
PJM JCPL DA OFF-PEAK	0	0	-	0	-	66	557	-88.1%
PJM WESTH RT OFF-PEAK	16,610	0	-	53,350.64	-68.9%	13,732	14,323	-4.1%
CHICAGO ETHANOL SWAP	2,618	3,565.32	-26.6%	3,521.18	-25.7%	4,055	4,569	-11.2%
HENRY HUB BASIS SWAP	337	1,351.21	-75.1%	546.91	-38.5%	607	580	4.6%
HENRY HUB SWAP	18,588	24,965.16	-25.5%	26,739	-30.5%	21,190	25,128	-15.7%

*** 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.

CME Group Exchange ADV Report - Monthly

November 2015

Page 12 of 18

	ADV NOV 2015	ADV NOV 2014	% CHG	ADV OCT 2015	% CHG	ADV Y.T.D 2015	ADV Y.T.D 2014	% CHG
Energy Futures								
PREM UNL GAS 10PPM RDAM FOB B	0	0.47	-100.0%	0	-	0	0	141.1%
PREM UNL GAS 10PPM RDAM FOB S	2	0.68	155.8%	0	-	1	1	-10.1%
MONT BELVIEU NORMAL BUTANE 5	1,010	1,083.05	-6.7%	1,023.77	-1.3%	828	695	19.1%
MONT BELVIEU ETHANE 5 DECIMAL	221	497.53	-55.7%	420.23	-47.5%	322	219	47.4%
MONT BELVIEU LDH PROPANE 5 DE	3,511	2,729.63	28.6%	3,119.27	12.6%	2,307	1,683	37.0%
SINGAPORE 180CST BALMO	3	1.58	61.5%	1	155.0%	2	3	-44.4%
PJM APS ZONE DA OFF-PEAK	0	0	-	0	-	0	0	-
GRP THREE UNL GS (PLT) VS	91	8.42	983.6%	45.45	100.8%	73	71	2.8%
JET BARGES VS ICE GASOIL	0	0	-	0	-	0	0	9.1%
SINGAPORE GASOIL VS ICE	8	60.53	-87.6%	47.73	-84.3%	26	164	-84.1%
NATURAL GAS PEN SWP	7,403	14,408.95	-48.6%	8,386.32	-11.7%	8,633	17,765	-51.4%
WESTERN RAIL DELIVERY PRB	119	202.89	-41.2%	137.05	-13.0%	111	142	-21.7%
EUROPE DATED BRENT SWAP	80	85.53	-6.5%	0	-	169	115	46.5%
SINGAPORE JET KERO GASOIL	5	40.79	-87.7%	22.73	-78.0%	16	72	-78.3%
TETCO M-3 INDEX	0	0	-	0	-	29	31	-3.9%
PJM AECO DA PEAK	0	0	-	0	-	1	27	-97.9%
GASOIL 10PPM CARGOES CIF	0	0	-	0	-	0	0	172.9%
PREMIUM UNLD 10PPM CARGOE	0	0	-	0	-	0	0	-100.0%
WAHA BASIS	113	262.26	-57.0%	325.23	-65.3%	144	111	29.8%
LA JET (OPIS) SWAP	24	3.95	501.7%	51.82	-54.2%	44	28	60.7%
NY HARBOR 1% FUEL OIL BAL	2	0	-	7.95	-78.6%	2	4	-42.1%
GASOIL 10PPM VS ICE SWAP	0	1.32	-73.4%	5.45	-93.6%	6	5	32.9%
NY H OIL PLATTS VS NYMEX	0	58.11	-100.0%	0	-	4	22	-80.8%
PJM PEPKO DA OFF-PEAK	0	0	-	0	-	32	0	-
NYISO ZONE G 5MW D AH O P	196	0	-	5,101.45	-96.2%	1,057	492	115.0%
EUROPEAN GASOIL (ICE)	11,205	87.89	12648.4%	3,290.14	240.6%	1,832	24	7544.2%
ULSD UP-DOWN BALMO SWP	347	44.37	681.5%	165.91	109.0%	161	79	104.1%
JET FUEL UP-DOWN BALMO CL	355	11.84	2897.8%	226.36	56.8%	150	122	23.1%
EIA FLAT TAX ONHWAY DIESE	4	6.79	-35.9%	26.32	-83.5%	36	35	0.6%
NY 2.2% FUEL OIL (PLATTS	0	2.63	-100.0%	10.45	-100.0%	3	5	-48.6%
BRENT CFD(PLATTS) VS FRNT	0	0	-	0	-	0	1	-100.0%
RBOB CRACK SPREAD BALMO S	0	0	-	1.36	-100.0%	0	0	-
HEATING OIL BALMO CLNDR S	5	0	-	58.59	-91.5%	8	2	264.5%
INDIANA MISO	0	12.16	-100.0%	0	-	10	701	-98.6%
PETROLEUM PRODUCTS ASIA	66	82.58	-20.7%	39.09	67.6%	79	88	-10.2%
AUSTRIALIAN COKE COAL	4	22	-82.0%	3.77	4.7%	8	15	-46.3%
PETROLEUM PRODUCTS	1	22.68	-97.4%	0	-	2	15	-86.3%
COAL SWAP	10	50	-80.5%	21.59	-54.8%	28	113	-75.4%
TC2 ROTTERDAM TO USAC 37K	0	0	-	0	-	0	1	-94.3%
NYISO A OFF-PEAK	0	3.68	-100.0%	0	-	2	10	-81.2%
NYISO G OFF-PEAK	0	4.74	-100.0%	0	-	1	2	-66.0%
ISO NEW ENGLAND OFF-PEAK	0	0	-	0	-	0	4	-100.0%
SINGAPORE 380CST FUEL OIL	282	172	64.2%	181.86	55.3%	250	149	68.0%
SINGAPORE JET KEROSENE SW	42	185.68	-77.6%	51.59	-19.4%	67	205	-67.4%
SINGAPORE NAPHTHA SWAP	0	0	-	0	-	5	7	-23.5%
FLORIDA GAS ZONE3 BASIS S	0	0	-	0	-	63	14	333.4%
TRANSCO ZONE4 BASIS SWAP	88	93.68	-6.1%	76.14	15.6%	303	52	481.4%
ANR LOUISIANA BASIS SWAP	0	0	-	0	-	13	0	-
CINERGY HUB OFF-PEAK MONT	0	0	-	0	-	3	1	93.1%

*** 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.

CME Group Exchange ADV Report - Monthly

November 2015

Page 13 of 18

	ADV NOV 2015	ADV NOV 2014	% CHG	ADV OCT 2015	% CHG	ADV Y.T.D 2015	ADV Y.T.D 2014	% CHG
Energy Futures								
DUBAI CRUDE OIL CALENDAR	257	144.74	77.5%	228.82	12.3%	191	88	116.4%
NGPL MIDCONTINENT INDEX	0	0	-	0	-	1	0	-
PANHANDLE BASIS SWAP FUTU	174	345.79	-49.8%	602.32	-71.2%	537	173	210.3%
SONAT BASIS SWAP FUTURE	0	13.05	-100.0%	1.36	-100.0%	64	25	159.5%
DIESEL 10P BRG FOB RDM VS	0	0.26	-100.0%	0	-	0	0	-61.0%
FUEL OIL NWE CRACK VS ICE	0	0	-	0	-	1	8	-82.8%
EUROPE 3.5% FUEL OIL RDAM	306	446.74	-31.4%	295.73	3.6%	407	386	5.3%
GULF COAST 3% FUEL OIL BA	42	107.53	-61.3%	51.59	-19.3%	52	62	-17.2%
NY1% VS GC SPREAD SWAP	103	107.11	-4.3%	204.95	-50.0%	110	209	-47.3%
GASOIL 0.1 CIF NWE VS ISE	0	0	-	0	-	1	0	517.4%
JET CIF NWE VS ICE	1	6.11	-79.5%	0	-	5	6	-20.7%
EUROPE JET KERO NWE CALSW	0	0	-	0	-	2	0	352.9%
JAPAN NAPHTHA BALMO SWAP	0	0.47	-100.0%	2	-100.0%	2	3	-37.9%
ARGUS PROPAN(SAUDI ARAMCO	44	52.63	-17.3%	31.73	37.3%	27	40	-33.2%
NYISO G	0	2.16	-100.0%	0	-	2	6	-67.6%
NYISO J	25	82.79	-69.3%	14.55	75.0%	14	21	-32.1%
NGPL MID-CONTINENT	16	49.37	-68.6%	101.36	-84.7%	189	29	560.0%
TENNESSEE 500 LEG NG INDE	0	0	-	0	-	0	0	-
BRENT BALMO SWAP	0	6.16	-100.0%	14.55	-100.0%	21	13	53.5%
HENRY HUB SWING FUTURE	0	12.63	-100.0%	0	-	5	4	25.2%
EUROPE NAPHTHA CALSWAP	27	75.05	-63.8%	30.95	-12.3%	61	85	-28.4%
NY HARBOR RESIDUAL FUEL 1	273	225.16	21.4%	315.64	-13.4%	239	290	-17.7%
PERMIAN BASIS SWAP	195	224.32	-12.9%	195.18	0.1%	95	52	82.8%
JAPAN C&F NAPHTHA CRACK S	18	10.95	67.6%	10.73	71.1%	14	6	130.2%
EMMISSIONS	13	0	-	0	-	2	2	20.9%
NATURAL GAS INDEX	0	0	-	0	-	0	3	-100.0%
PETRO CRCKS & SPRDS ASIA	17	0	-	9.64	71.2%	7	9	-14.8%
NYISO CAPACITY	67	1.58	4153.0%	35.55	88.9%	35	12	192.9%
GASOIL 0.1 ROTTERDAM BARG	0	4.21	-100.0%	0	-	0	0	-87.9%
GASOIL 0.1 CIF VS ICE GAS	0	0	-	0	-	0	0	-100.0%
GRP THREE ULSD(PLT)VS HEA	180	200.74	-10.6%	181.55	-1.1%	182	235	-22.7%
GASOIL 0.1CIF MED VS ICE	2	0	-	0.45	340.0%	1	1	-45.3%
PJM DPL DA PEAK	0	0	-	0	-	0	0	-
PJM AECO DA OFF-PEAK	0	0	-	0	-	0	502	-100.0%
PJM PPL DA OFF-PEAK	0	0	-	1,710.55	-100.0%	265	0	-
PJM DAYTON DA PEAK	166	0	-	5	3210.0%	55	128	-57.3%
PREMIUM UNLEAD 10PPM FOB	0	3.21	-100.0%	0	-	3	5	-40.4%
PJM WESTH DA OFF-PEAK	2,955	0	-	24,580.55	-88.0%	3,242	4,927	-34.2%
PJM PEPKO DA PEAK	0	0	-	0	-	0	0	-
GASOIL 0.1 RDAM BRGS VS I	4	3.42	6.7%	0.68	435.3%	1	4	-79.5%
GASOIL 10P CRG CIF NW VS	0	0.26	-100.0%	0	-	0	0	-42.0%
PJM WESTHDA PEAK	141	0	-	1,270.91	-88.9%	171	281	-38.9%
NEPOOL MAINE 5MW D AH PK	0	0	-	0	-	0	0	-
NEPOOL RHODE IL 5MW D AH	1,345	5,612.58	-76.0%	538.18	149.9%	474	1,450	-67.3%
CHICAGO UNL GAS PL VS RBO	0	0	-	0	-	1	1	58.1%
NEPOOL MAINE 5MW D AH O E	0	0	-	0	-	0	15	-100.0%
NYISO ZONE A 5MW D AH O P	2,701	0	-	0	-	1,814	1,070	69.6%
CIN HUB 5MW D AH O PK	0	0	-	0	-	773	1,778	-56.5%
PJM COMED 5MW D AH O PK	0	0	-	0	-	365	98	273.2%

*** 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.

CME Group Exchange ADV Report - Monthly

November 2015

Page 14 of 18

	ADV NOV 2015	ADV NOV 2014	% CHG	ADV OCT 2015	% CHG	ADV Y.T.D 2015	ADV Y.T.D 2014	% CHG
Energy Futures								
TRANSCO ZONE 1 NG BASIS	0	0	-	0	-	2	0	229.1%
PJM DUQUESNE 5MW D AH PK	0	0	-	0	-	0	0	-
NYISO ZONE A 5MW D AH PK	22	67.11	-67.2%	0	-	75	62	20.8%
SOUTH STAR TEX OKLHM KNS	37	0	-	55.27	-33.8%	31	3	934.6%
NY 3.0% FUEL OIL (PLATTS)	23	10.53	113.8%	27.27	-17.5%	18	9	91.9%
ARGUS LLS VS. WTI (ARG) T	428	66.47	544.5%	235.73	81.7%	362	255	41.8%
NO 2 UP-DOWN SPREAD CALEN	34	3.95	755.0%	9.09	271.3%	17	9	94.8%
N ILLINOIS HUB DAILY	0	0	-	0	-	0	0	-
PROPANE NON-LDH MT. BEL (OPIS)	635	157.63	302.6%	329.18	92.8%	373	87	328.7%
PROPANE NON-LDH MB (OPIS) BAL	47	0	-	6.86	581.9%	11	2	471.1%
JET AV FUEL (P) CAR FM ICE GAS S	1	2.68	-53.4%	0	-	1	1	-7.3%
SINGAPORE MOGAS 92 UNLEADED	402	695.95	-42.2%	145.91	175.6%	312	713	-56.2%
NY JET FUEL (PLATTS) HEAT OIL SW	0	68.42	-100.0%	0.45	-100.0%	8	127	-94.1%
SINGAPORE MOGAS 92 UNLEADED	9	55.26	-84.2%	19.32	-54.7%	15	28	-47.8%
ETHANOL T2 FOB ROTT INCL DUTY	115	82.11	40.5%	79.41	45.3%	124	87	42.9%
PJM WES HUB PEAK LMP 50 M	0	0	-	0	-	0	1	-100.0%
FUEL OIL (PLATS) CAR CM	0	9.47	-100.0%	0	-	1	1	17.1%
FUEL OIL (PLATS) CAR CN	2	0.53	185.0%	1.64	-8.3%	1	1	-5.6%
GROUP THREE ULSD (PLATTS)	0	2.63	-100.0%	0	-	1	2	-54.0%
MICHIGAN MISO	0	0	-	0	-	555	1,282	-56.7%
INDONESIAN COAL	7	32.63	-78.5%	2.05	242.2%	8	58	-87.1%
ETHANOL FWD	28	55.26	-49.5%	38.36	-27.3%	37	64	-41.9%
ELEC ERCOT DLY OFF PK	0	0	-	0	-	0	0	-
NY HARBOR LOW SULPUR GASOIL 1	0	0	-	0	-	0	1	-100.0%
EURO 3.5% FUEL OIL M CRK	0	0	-	0	-	0	1	-100.0%
MJB FUT	0	0	-	0	-	0	0	-
DIESEL10PPM BARG VS ICE LS	0	0	-	0	-	0	0	-100.0%
TRANSCO ZONE 6 INDEX	0	2.11	-100.0%	0	-	0	3	-90.5%
MINI GAS EUROBOB OXY NWE ARG	6	29.53	-78.3%	0.91	604.0%	14	28	-50.4%
NAT GAS BASIS SWAP	0	0	-	4.36	-100.0%	23	30	-25.0%
DY EURO 3.5% FUEL OI RDA	0	0	-	0	-	4	0	-
DIESEL 10PPM BARGES FOB B	0	0	-	0	-	0	0	-100.0%
TRANSCO ZONE 6 PIPE SWAP	0	0	-	0	-	1	0	-
NATURAL GAS FIXED PRICE SWAP F	0	0	-	0	-	56	0	-
MINI RBOB V. EBOBARG NWE BRGS	14	8.95	56.5%	15.91	-12.0%	21	26	-20.9%
CANADIAN LIGHT SWEET OIL	40	1.58	2417.6%	163.64	-75.7%	49	10	409.7%
CRUDE OIL TRADE AT MARKER SIN	0	0	-	0	-	0	0	-
EU LOW SULPHUR GASOIL CRACK	0	47.37	-100.0%	0	-	0	43	-100.0%
DEMARC INDEX FUTURE	0	35.89	-100.0%	0	-	0	3	-100.0%
NY HARBOR LOW SULPUR GAS 100C	0	26.84	-100.0%	0	-	17	27	-35.3%
3.5% FUEL OIL CIF BALMO S	1	0.53	-5.0%	0	-	1	0	66.9%
MINI RBOB V. EBOB(ARGUS) NWE B	59	24	144.2%	31.59	85.5%	34	22	55.9%
TCO NG INDEX SWAP	0	0	-	0	-	17	15	16.5%
GASOIL 0.1 CIF MED BALMO	0	0	-	0	-	0	0	-
SUMAS NAT GAS PLATTS FIXED PRI	0	0	-	0	-	13	0	-
CENTER POINT NAT GAS FIXED PRI	0	0	-	0	-	0	0	-
ELECTRICITY ERCOT PEAK	0	0	-	0	-	0	0	-100.0%
VENTURA NAT GAS PLATTS FIXED F	0	0	-	0	-	0	0	-
CRUDE OIL LAST DAY	0	0	-	0	-	0	0	-100.0%

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

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.

CME Group Exchange ADV Report - Monthly

November 2015

Page 15 of 18

	ADV NOV 2015	ADV NOV 2014	% CHG	ADV OCT 2015	% CHG	ADV Y.T.D 2015	ADV Y.T.D 2014	% CHG
Energy Futures								
COLUMBIA GULF NAT GAS FIXED PF	0	0	-	0	-	2	0	-
ULSD 10PPM CIF NW BALMO S	0	0	-	0	-	0	0	-
Energy Options								
PETRO OUTRIGHT EURO	0	40.79	-100.0%	0	-	1	5	-83.8%
PETROCHEMICALS	27	127.63	-78.6%	60.18	-54.7%	65	137	-52.2%
ISO NEW ENGLAND PK LMP	0	0	-	0	-	0	0	-
NATURAL GAS OPTION ON CALEND	27	49.47	-45.4%	55.45	-51.3%	53	56	-5.8%
ELEC MISO PEAK	127	0	-	0	-	11	0	-
HENRY HUB FINANCIAL LAST	60	443.16	-86.4%	29.5	104.4%	95	261	-63.5%
NATURAL GAS PHY	118,139	111,575.11	5.9%	116,773.45	1.2%	87,233	97,460	-10.5%
CRUDE OIL OUTRIGHTS	800	142.11	463.0%	0	-	76	24	211.9%
ELECTRICITY OFF PEAK	0	0	-	0	-	0	18	-100.0%
ELEC FINSETTLED	0	1.47	-100.0%	0	-	0	6	-97.0%
APPALACHIAN COAL	0	0	-	0	-	0	3	-94.8%
EUROPEAN JET KEROSENE NWE (P	0	0	-	0	-	0	0	-
HEATING OIL PHY	1,980	3,286.37	-39.7%	2,056.09	-3.7%	2,374	3,151	-24.7%
PJM MONTHLY	0	0	-	0	-	0	0	-100.0%
NY HARBOR HEAT OIL SWP	532	789.16	-32.6%	569.82	-6.7%	635	1,143	-44.5%
BRENT CALENDAR SWAP	56	830.21	-93.3%	59.59	-6.6%	654	1,643	-60.2%
NATURAL GAS 3 M CSO FIN	58	34.21	68.1%	22.73	153.0%	283	269	5.3%
RBOB PHY	1,135	1,534.79	-26.0%	1,269.82	-10.6%	1,413	1,643	-14.0%
PGE CITYGATE PIPE SWAP	0	0	-	0	-	0	0	-
SAN JUAN PIPE SWAP	0	0	-	0	-	20	13	55.0%
NATURAL GAS 2 M CSO FIN	50	73.68	-32.1%	45.45	10.0%	21	8	157.1%
SINGAPORE JET FUEL CALEND	0	0	-	13.64	-100.0%	6	11	-43.1%
WTI-BRENT BULLET SWAP	1,298	1,356.58	-4.4%	664.77	95.2%	1,061	2,201	-51.8%
BRENT 1 MONTH CAL	0	0	-	0	-	0	1	-100.0%
WTI 12 MONTH CALENDAR OPT	0	1,059.21	-100.0%	0	-	9	350	-97.5%
CRUDE OIL APO	1,197	4,409.47	-72.9%	1,538.23	-22.2%	3,068	3,529	-13.0%
WTI CRUDE OIL 1 M CSO FI	7,509	19,106.58	-60.7%	7,364.77	2.0%	7,675	5,758	33.3%
NATURAL GAS 6 M CSO FIN	50	155.26	-67.8%	45.45	10.0%	203	165	22.8%
RBOB CALENDAR SWAP	30	16.89	77.6%	36.73	-18.3%	82	393	-79.1%
CRUDE OIL PHY	142,356	158,823.53	-10.4%	140,977.27	1.0%	159,929	125,065	27.9%
RBOB 1MO CAL SPD OPTIONS	0	0	-	0	-	0	10	-100.0%
MCCLOSKEY ARA ARG S COAL	260	126.32	105.8%	0	-	39	107	-63.6%
MCCLOSKEY RCH BAY COAL	0	126.32	-100.0%	0	-	8	26	-68.7%
NYISO ZONE G 5MW PEAK OPTIONS	0	0	-	20	-100.0%	2	0	-
HUSTN SHIP CHNL PIPE SWP	18	0	-	0	-	16	0	-
N ROCKIES PIPE SWAP	0	0	-	0	-	28	61	-54.6%
SOCAL PIPE SWAP	0	10.53	-100.0%	0	-	0	12	-100.0%
ETHANOL SWAP	219	391.37	-44.0%	404.05	-45.7%	308	473	-34.9%
SHORT TERM NATURAL GAS	174	152.63	13.8%	288.64	-39.8%	204	88	130.4%
SHORT TERM CRUDE OIL	0	0	-	0	-	0	3	-100.0%
BRENT OIL LAST DAY	157	1,111.74	-85.8%	99.68	57.9%	462	1,374	-66.4%
SINGAPORE GASOIL CALENDAR	0	0	-	13.64	-100.0%	1	1	118.2%
SINGAPORE FUEL OIL 180 CS	0	0	-	0	-	0	0	-
DAILY CRUDE OIL	0	242.11	-100.0%	0	-	35	150	-77.0%

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

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.

CME Group Exchange ADV Report - Monthly

November 2015

Page 16 of 18

	ADV NOV 2015	ADV NOV 2014	% CHG	ADV OCT 2015	% CHG	ADV Y.T.D 2015	ADV Y.T.D 2014	% CHG
Energy Options								
EURO-DENOMINATED PETRO PROD	0	0	-	0.68	-100.0%	0	3	-97.7%
GASOIL CRACK SPREAD AVG PRICE	0	0	-	0	-	0	3	-100.0%
HO 1 MONTH CLNDR OPTIONS	0	0	-	0	-	15	87	-82.6%
CRUDE OIL 1MO	7,026	11,833.42	-40.6%	5,366.82	30.9%	9,680	8,182	18.3%
ROTTERDAM 3.5%FUEL OIL CL	1	16.58	-97.0%	0	-	3	21	-87.6%
NATURAL GAS 12 M CSO FIN	25	0	-	31.82	-21.4%	10	0	-
NATURAL GAS SUMMER STRIP	0	0	-	0	-	0	0	-
CRUDE OIL CALNDR STRIP	0	0	-	0	-	0	0	-100.0%
PJM CALENDAR STRIP	1	33.16	-97.0%	13.64	-92.7%	7	39	-81.9%
SHORT TERM	63	90.79	-30.9%	101.14	-38.0%	86	56	53.5%
COAL SWAP	68	41.58	63.5%	4.77	1324.8%	20	15	29.7%
WTI 6 MONTH CALENDAR OPTI	0	0	-	0	-	0	36	-100.0%
NYMEX EUROPEAN GASOIL OPT	0	0	-	0	-	1	0	-
NATURAL GAS 5 M CSO FIN	0	23.68	-100.0%	0	-	12	3	353.2%
NYMEX EUROPEAN GASOIL APO	0	0	-	0	-	6	1	495.1%
COAL API2 INDEX	848	69.21	1124.5%	773.86	9.5%	674	33	1967.6%
COAL API4 INDEX	0	5.26	-100.0%	2.27	-100.0%	9	7	30.6%
NATURAL GAS 1 M CSO FIN	1,060	5,264.37	-79.9%	1,313.64	-19.3%	1,104	3,504	-68.5%
PJM ELECTRIC	0	0	-	0	-	0	0	-100.0%
GASOLINE	0	0	-	0	-	1	3	-80.5%
LLS CRUDE OIL	204	0	-	0	-	18	0	-
PJM WES HUB PEAK CAL MTH	0	0	-	0	-	1	0	-
1 MO GASOIL CAL SWAP SPR	0	0	-	4.55	-100.0%	0	0	-
WTI CRUDE OIL 12 M CSO F	0	52.63	-100.0%	0	-	0	16	-100.0%

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

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.

CME Group Exchange ADV Report - Monthly

November 2015

Page 17 of 18

	ADV NOV 2015	ADV NOV 2014	% CHG	ADV OCT 2015	% CHG	ADV Y.T.D 2015	ADV Y.T.D 2014	% CHG
Metals Futures								
PALLADIUM	8,119	8,523.53	-4.7%	4,194.73	93.6%	5,530	6,246	-11.5%
NYMEX PLATINUM	13,076	11,113.21	17.7%	12,777	2.3%	13,993	12,841	9.0%
NYMEX HOT ROLLED STEEL	270	403.21	-33.0%	298.14	-9.4%	241	191	25.8%
URANIUM	0	9.79	-100.0%	18.27	-100.0%	15	14	5.8%
COMEX SILVER	64,587	75,530.42	-14.5%	50,343.05	28.3%	54,500	54,353	0.3%
COMEX GOLD	201,699	246,144.21	-18.1%	139,550.91	44.5%	169,316	160,789	5.3%
COMEX MINY GOLD	317	319.21	-0.8%	187.36	68.9%	271	204	32.4%
COMEX COPPER	92,182	76,812.74	20.0%	55,789.32	65.2%	68,991	57,902	19.2%
COMEX MINY COPPER	39	58.21	-33.9%	16.64	131.4%	38	45	-15.2%
E-MINI SILVER	0	0	-	0	-	0	0	-100.0%
COMEX MINY SILVER	39	58.84	-33.1%	29.64	32.8%	40	48	-16.6%
COPPER	12	57.21	-78.5%	44.5	-72.4%	28	51	-45.2%
E-MICRO GOLD	2,134	1,718.95	24.1%	1,898.27	12.4%	1,540	1,098	40.2%
SILVER	303	693.63	-56.4%	251.45	20.4%	370	569	-35.0%
FERROUS PRODUCTS	0	0	-	0	-	2	1	371.9%
IRON ORE 62 CHINA TSI FUTURES	879	57.63	1424.4%	643.14	36.6%	523	99	427.7%
IRON ORE 62 CHINA PLATTS FUTUR	0	0	-	4.77	-100.0%	11	0	2275.4%
GOLD	276	0	-	240.45	14.8%	189	0	-
IRON ORE 58 CHINA TSI FUTURES	0	0	-	0	-	0	0	-100.0%
ALUMINUM	127	34.11	272.7%	82.05	54.9%	30	24	25.5%
LNDN ZINC	2	0	-	0.64	277.1%	2	0	-
Aluminium MW Trans Prem Platts	149	19.32	670.9%	135	10.3%	149	22	592.1%
Metals Options								
PALLADIUM	165	247.21	-33.3%	186.14	-11.4%	183	546	-66.4%
NYMEX PLATINUM	207	420.37	-50.8%	211.64	-2.3%	240	573	-58.0%
COMEX SILVER	4,212	10,483.68	-59.8%	4,130.73	2.0%	5,023	7,356	-31.7%
SHORT TERM GOLD	0	0	-	0	-	0	0	-100.0%
COMEX GOLD	30,056	44,344.68	-32.2%	32,204.45	-6.7%	30,401	33,393	-9.0%
COMEX COPPER	224	79.11	183.1%	87.91	154.8%	112	83	33.7%
SHORT TERM	0	0	-	0	-	0	0	-100.0%
COPPER	0	0	-	0	-	0	0	-
SILVER	0	30.95	-99.4%	0.23	-12.0%	5	23	-78.6%
HOT ROLLED COIL STEEL PUT OPTI	0	0	-	0	-	0	0	-
IRON ORE 62 CHINA TSI PUT OPTIO	63	77.37	-19.2%	54.55	14.6%	190	16	1075.9%
IRON ORE 62 CHINA TSI CALL OPTIC	72	67.89	6.0%	170.45	-57.8%	84	37	126.3%
HOT ROLLED COIL STEEL CALL OPT	0	0	-	0	-	0	0	-
GOLD	124	105.47	17.2%	92.41	33.8%	96	90	6.3%
Foreign Exchange Futures								
CHILEAN PESO	0	0.53	-100.0%	0.32	-100.0%	0	0	93.7%

*** 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.

CME Group Exchange ADV Report - Monthly

November 2015

Page 18 of 18

	ADV NOV 2015	ADV NOV 2014	% CHG	ADV OCT 2015	% CHG	ADV Y.T.D 2015	ADV Y.T.D 2014	% CHG
Ags Futures								
PALM OIL	10	6.32	58.3%	0	-	1	1	-9.1%
TOTAL FUTURES GROUP								
Interest Rate Futures	5,358,804	5,182,816.89	3.4%	4,280,069.14	25.2%	5,287,155	5,561,246	-4.9%
Equity Index Futures	1,863,592	1,585,968.32	17.5%	2,148,482.27	-13.3%	2,202,487	2,247,035	-2.0%
Metals Futures	384,210	421,554.21	-8.9%	266,505.32	44.2%	315,780	294,497	7.2%
Energy Futures	1,684,209	1,598,937.89	5.3%	1,783,749.27	-5.6%	1,682,835	1,371,206	22.7%
FX Futures	637,601	843,245.37	-24.4%	661,513.77	-3.6%	784,046	734,329	6.8%
Commodities and Alternative Invest	1,168,393	1,079,794.11	8.2%	991,574	17.8%	1,033,431	888,802	16.3%
Foreign Exchange Futures	0	0.53	-100.0%	0.32	-100.0%	0	0	93.7%
Ags Futures	10	6.32	58.3%	0	-	1	1	-9.1%
TOTAL FUTURES	11,096,819	10,712,323.63	3.6%	10,131,894.09	9.5%	11,305,735.2	11,097,116.57	1.9%
TOTAL OPTIONS GROUP								
Interest Rate Options	1,506,735	1,087,960.21	38.5%	1,523,942.82	-1.1%	1,530,179	1,448,188	5.7%
Equity Index Options	501,144	455,554.53	10.0%	568,047.82	-11.8%	555,054	516,496	7.5%
Metals Options	35,123	55,856.74	-37.1%	37,138.5	-5.4%	36,336	42,119	-13.7%
Energy Options	285,554	323,447.37	-11.7%	280,022.14	2.0%	277,715	257,628	7.8%
FX Options	72,726	83,549.05	-13.0%	71,525.36	1.7%	83,944	67,760	23.9%
Commodities and Alternative Invest	210,791	231,382.47	-8.9%	217,050.82	-2.9%	258,600	232,471	11.2%
TOTAL OPTIONS	2,612,073	2,237,750.37	16.7%	2,697,727.45	-3.2%	2,741,827.3	2,564,661.76	6.9%
TOTAL COMBINED								
Commodities and Alternative Invest	1,379,184	1,311,176.58	5.2%	1,208,624.82	14.1%	1,292,031	1,121,273	15.2%
FX	710,327	926,794.42	-23.4%	733,039.14	-3.1%	867,990	802,089	8.2%
Equity Index	2,364,735	2,041,522.84	15.8%	2,716,530.09	-13.0%	2,757,541	2,763,531	-0.2%
Interest Rate	6,865,539	6,270,777.11	9.5%	5,804,011.95	18.3%	6,817,334	7,009,435	-2.7%
Energy	1,969,764	1,922,385.26	2.5%	2,063,771.41	-4.6%	1,960,551	1,628,834	20.4%
Metals	419,332	477,410.95	-12.2%	303,643.82	38.1%	352,115	336,616	4.6%
Foreign Exchange	0	0.53	-100.0%	0.32	-100.0%	0	0	93.7%
Ags	10	6.32	58.3%	0	-	1	1	-9.1%
GRAND TOTAL	13,708,892	12,950,074	5.9%	12,829,621.55	6.9%	14,047,562.5	13,661,778.34	2.8%

*** 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.