



CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUL 2016	Open Outcry JUL 2015	% CHG	ELEC JUL 2016	ELEC JUL 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG
Interest Rate Futures												
30-YR BOND	25,389	33,757	-24.8%	4,618,388	5,288,220	-0.13	143,697	676,997	-78.8%	39,155,482	42,482,580	-7.8%
10-YR NOTE	127,961	139,546	-8.3%	22,417,030	22,748,828	-0.01	1,063,148	2,491,992	-57.3%	193,469,818	191,900,893	0.8%
5-YR NOTE	18,013	29,881	-39.7%	10,403,509	11,998,589	-0.13	200,402	1,602,871	-87.5%	105,388,554	104,126,855	1.2%
2-YR NOTE	293	1,812	-83.8%	4,479,640	4,820,042	-0.07	6,130	883,131	-99.3%	42,643,274	45,506,776	-6.3%
FED FUND	0	0	0.0%	2,212,137	1,710,572	0.29	0	8,376	-100.0%	18,613,220	9,205,566	102.2%
EUROYEN	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
EURODOLLARS	525,240	477,301	10.0%	48,471,097	44,869,567	0.08	4,081,816	3,627,482	12.5%	358,658,827	350,656,695	2.3%
5-YR SWAP RATE	0	0	0.0%	48,044	28,523	0.68	0	0	0.0%	407,722	350,563	16.3%
2-YR SWAP RATE	0	0	0.0%	2	40	-0.95	0	35	-100.0%	4,411	20,058	-78.0%
10-YR SWAP RATE	0	0	0.0%	30,619	27,511	0.11	0	2,652	-100.0%	305,429	354,017	-13.7%
7-YR SWAP	0	-	-	0	-	-	0	-	-	3,052	-	-
1-MONTH EURODOLLAR	0	0	0.0%	849	7,758	-0.89	0	0	0.0%	9,230	39,731	-76.8%
ULTRA T-BOND	5	35	-85.7%	1,595,798	1,784,841	-0.11	6	424,159	-100.0%	14,814,189	15,454,926	-4.1%
Ultra 10-Year Note	0	-	-	1,203,906	-	-	28	-	-	6,942,344	-	-
30-YR SWAP RATE	0	0	0.0%	1,296	1,506	-0.14	0	61	-100.0%	12,369	24,360	-49.2%
EURO 5YR BUNDLE	0	0	0.0%	0	0	0	0	0	0.0%	0	38	-100.0%
3YR BUNDLE	0	0	0.0%	0	0	0	0	0	0.0%	0	168	-100.0%
2YR BUNDLE	0	0	0.0%	0	0	0	0	0	0.0%	0	595	-100.0%
Interest Rate Options												
30-YR BOND	302,809	657,278	-53.9%	1,293,296	1,747,618	-0.26	1,998,149	3,663,956	-45.5%	10,098,245	9,292,890	8.7%
10-YR NOTE	1,789,670	3,263,632	-45.2%	4,942,855	6,165,503	-0.2	16,689,616	23,302,548	-28.4%	36,520,634	40,139,540	-9.0%
5-YR NOTE	513,516	676,854	-24.1%	971,391	1,206,951	-0.2	4,748,114	4,373,461	8.6%	9,349,718	7,595,064	23.1%
2-YR NOTE	12,575	66,534	-81.1%	77,685	67,858	0.14	308,009	581,201	-47.0%	659,828	871,492	-24.3%
FED FUND	2,970	14,500	-79.5%	3,743	727	4.15	48,125	187,086	-74.3%	10,413	17,458	-40.4%
FLEX 30-YR BOND	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
EURODOLLARS	12,363,910	7,582,538	63.1%	3,192,430	1,942,151	0.64	76,657,250	46,847,221	63.6%	20,906,960	8,815,372	137.2%
EURO MIDCURVE	5,658,951	7,722,010	-26.7%	2,639,054	2,314,696	0.14	49,767,065	56,554,370	-12.0%	22,352,490	13,757,372	62.5%
ULTRA T-BOND	1,947	712	173.5%	5,162	5,893	-0.12	9,194	37,192	-75.3%	28,796	40,012	-28.0%
Ultra 10-Year Note	2,000	-	-	840	-	-	3,275	-	-	1,495	-	-

*** 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 Volume Comparison Report - Monthly

	Open Outcry JUL 2016	Open Outcry JUL 2015	% CHG	ELEC JUL 2016	ELEC JUL 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG
Equity Index Futures												
\$25 DJ	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
DJIA	0	0	0.0%	0	0	0	0	10,422	-100.0%	0	1,413	-100.0%
MINI \$5 DOW	0	0	0.0%	2,588,004	3,062,033	-0.15	0	0	0.0%	25,698,158	21,764,893	18.1%
E-MINI S&P500	0	0	0.0%	31,036,913	32,938,161	-0.06	0	0	0.0%	281,839,745	225,833,305	24.8%
S&P 500	48,248	48,579	-0.7%	13,352	13,108	0.02	810,462	979,453	-17.3%	132,381	111,179	19.1%
S&P 600 SMALLCAP EMINI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
E-MINI MIDCAP	0	0	0.0%	295,634	353,705	-0.16	0	0	0.0%	3,099,040	2,869,219	8.0%
S&P 400 MIDCAP	0	0	0.0%	0	0	0	0	39	-100.0%	0	0	0.0%
S&P 500 GROWTH	0	0	0.0%	8	7	0.14	0	0	0.0%	163	226	-27.9%
S&P 500/VALUE	0	0	0.0%	562	5	111.4	0	0	0.0%	25,963	236	10,901.3%
E-MINI RUSSELL 1000	0	-	-	107	-	-	0	-	-	3,717	-	-
E-MINI NASDAQ 100	0	0	0.0%	3,798,745	5,036,437	-0.25	0	0	0.0%	40,074,633	35,952,492	11.5%
NASDAQ	0	0	0.0%	0	0	0	0	23,063	-100.0%	0	2,120	-100.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	349,588	325,243	0.07	0	0	0.0%	2,937,093	2,373,667	23.7%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	1,108,723	945,260	0.17	0	0	0.0%	9,529,397	7,013,347	35.9%
DJ US REAL ESTATE	0	0	0.0%	6,968	8,424	-0.17	0	0	0.0%	78,520	64,531	21.7%
NASDAQ BIOTECH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
E-MICRO NIFTY	0	-	-	0	-	-	0	-	-	0	-	-
S&P CONSUMER STAPLES SE	0	0	0.0%	5,467	1,514	2.61	0	0	0.0%	53,251	25,477	109.0%
S&P HEALTH CARE SECTOR	0	0	0.0%	5,823	3,887	0.5	0	0	0.0%	54,574	62,057	-12.1%
S&P TECHNOLOGY SECTOR	0	0	0.0%	3,430	1,953	0.76	0	0	0.0%	33,725	18,905	78.4%
S&P INDUSTRIAL SECTOR	0	0	0.0%	2,785	981	1.84	0	0	0.0%	20,225	15,695	28.9%
S&P CONSUMER DSCRTNRY S	0	0	0.0%	5,496	2,620	1.1	0	0	0.0%	34,512	40,369	-14.5%
S&P UTILITIES SECTOR	0	0	0.0%	13,178	5,717	1.31	0	0	0.0%	82,155	61,483	33.6%
S&P FINANCIAL SECTOR	0	0	0.0%	3,798	1,645	1.31	0	0	0.0%	46,621	13,556	243.9%
S&P ENERGY SECTOR	0	0	0.0%	6,527	7,028	-0.07	0	0	0.0%	56,342	37,787	49.1%
S&P MATERIALS SECTOR	0	0	0.0%	4,838	1,726	1.8	0	0	0.0%	29,560	22,426	31.8%
FT-SE 100	0	-	-	1,945	-	-	0	-	-	12,693	-	-
IBOVESPA INDEX	0	0	0.0%	382	619	-0.38	0	0	0.0%	4,663	2,665	75.0%
E-MINI RUSSELL 1000 GROWT	0	-	-	114	-	-	0	-	-	2,276	-	-
E-MINI RUSSELL 1000 VALUE	0	-	-	139	-	-	0	-	-	3,775	-	-

*** 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 Volume Comparison Report - Monthly

	Open Outcry JUL 2016	Open Outcry JUL 2015	% CHG	ELEC JUL 2016	ELEC JUL 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG
Equity Index Options												
DJIA	0	0	0.0%	0	0	0	0	32	-100.0%	0	0	0.0%
MINI \$5 DOW	0	0	0.0%	6,917	6,477	0.07	0	0	0.0%	93,165	71,735	29.9%
E-MINI S&P500	0	20,920	-100.0%	2,046,984	6,750,986	-0.7	110,315	133,105	-17.1%	38,705,778	42,693,045	-9.3%
S&P 500	144,025	1,036,966	-86.1%	0	0	0	4,430,950	5,100,264	-13.1%	0	83	-100.0%
E-MINI MIDCAP	0	0	0.0%	1	1	0	0	0	0.0%	10	28	-64.3%
E-MINI NASDAQ 100	0	0	0.0%	147,233	99,664	0.48	0	0	0.0%	1,570,714	784,120	100.3%
NASDAQ	0	0	0.0%	0	0	0	0	30	-100.0%	0	0	0.0%
EOM S&P 500	278,989	157,688	76.9%	0	0	0	1,251,252	715,940	74.8%	0	0	0.0%
EOM EMINI S&P	0	0	0.0%	1,984,780	1,620,184	0.23	0	0	0.0%	10,974,698	7,709,534	42.4%
EOW1 S&P 500	55,592	33,072	68.1%	0	0	0	384,851	220,800	74.3%	0	0	0.0%
EOW1 EMINI S&P 500	0	0	0.0%	814,044	745,771	0.09	0	0	0.0%	6,499,409	6,215,790	4.6%
EOW2 S&P 500	110,629	78,410	41.1%	0	0	0	886,476	535,193	65.6%	0	0	0.0%
EOW2 EMINI S&P 500	0	0	0.0%	752,439	1,269,678	-0.41	0	0	0.0%	6,834,181	6,827,362	0.1%
EOW4 EMINI S&P 500	0	0	0.0%	1,108,737	1,059,400	0.05	0	0	0.0%	7,608,849	5,944,969	28.0%
EOW3 EMINI S&P 500	0	-	-	3,826,861	-	-	27,000	-	-	9,064,082	-	-
EOW3 S&P 500	461,051	-	-	0	-	-	1,421,889	-	-	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 Volume Comparison Report - Monthly

	Open Outcry JUL 2016	Open Outcry JUL 2015	% CHG	ELEC JUL 2016	ELEC JUL 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG
Metals Futures												
COMEX GOLD	6,373	16,532	-61.5%	5,501,510	4,289,640	0.28	75,478	260,292	-71.0%	32,902,702	24,075,714	36.7%
E-MINI SILVER	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
COMEX MINY COPPER	0	0	0.0%	334	501	-0.33	0	0	0.0%	4,116	6,070	-32.2%
COMEX SILVER	470	2,297	-79.5%	1,431,615	953,686	0.5	7,913	75,581	-89.5%	10,023,780	7,539,971	32.9%
COMEX COPPER	396	4,504	-91.2%	1,492,309	1,392,982	0.07	850	260,899	-99.7%	11,738,337	9,582,919	22.5%
NYMEX HOT ROLLED STEEL	0	0	0.0%	11	100	-0.89	0	0	0.0%	3,499	1,016	244.4%
NYMEX PLATINUM	0	0	0.0%	266,683	250,589	0.06	38	224	-83.0%	2,082,933	1,879,765	10.8%
URANIUM	0	0	0.0%	0	0	0	0	0	0.0%	993	1,547	-35.8%
PALLADIUM	0	140	-100.0%	96,252	97,287	-0.01	63	276	-77.2%	725,618	710,147	2.2%
E-MICRO GOLD	0	0	0.0%	97,398	37,325	1.61	0	0	0.0%	667,510	197,345	238.2%
SILVER	0	0	0.0%	12,077	8,838	0.37	0	0	0.0%	59,210	60,684	-2.4%
Gold Kilo	0	0	0.0%	3,717	3,094	0.2	0	0	0.0%	35,938	24,932	44.1%
COPPER	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ALUMINUM	0	0	0.0%	856	174	3.92	0	0	0.0%	8,021	2,389	235.7%
LNDN ZINC	0	0	0.0%	35	67	-0.48	0	0	0.0%	186	68	173.5%
COMEX E-Mini SILVER	0	0	0.0%	2,179	917	1.38	0	0	0.0%	8,560	6,378	34.2%
Aluminium MW Trans Prem Platts	0	0	0.0%	221	1,073	-0.79	0	0	0.0%	4,488	3,983	12.7%
COMEX E-Mini GOLD	0	0	0.0%	15,804	7,432	1.13	0	0	0.0%	80,676	40,721	98.1%
METALS	0	-	-	0	-		0	-	-	5	-	-
IRON ORE 58 CHINA TSI FUTU	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
FERROUS PRODUCTS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
IRON ORE 62 CHINA TSI FUTU	0	0	0.0%	585	0	0	0	0	0.0%	3,995	0	0.0%
IRON ORE 62 CHINA PLATTS F	0	0	0.0%	0	0	0	0	0	0.0%	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 Volume Comparison Report - Monthly

	Open Outcry JUL 2016	Open Outcry JUL 2015	% CHG	ELEC JUL 2016	ELEC JUL 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG
Metals Options												
COMEX GOLD	39,237	109,998	-64.3%	403,940	625,429	-0.35	507,495	628,726	-19.3%	4,202,536	2,963,931	41.8%
COMEX SILVER	7,693	11,014	-30.2%	118,975	98,650	0.21	55,721	103,860	-46.3%	677,540	615,304	10.1%
COMEX COPPER	90	815	-89.0%	3,201	1,271	1.52	1,073	6,594	-83.7%	14,945	8,594	73.9%
NYMEX PLATINUM	5	2	150.0%	549	490	0.12	2,010	2,095	-4.1%	4,050	3,150	28.6%
PALLADIUM	0	335	-100.0%	472	200	1.36	272	1,192	-77.2%	1,474	2,131	-30.8%
SHORT TERM GOLD	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
SHORT TERM	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
SILVER	0	0	0.0%	196	97	1.02	0	10	-100.0%	229	1,132	-79.8%
COPPER	0	0	0.0%	0	0	0	0	0	0.0%	0	10	-100.0%
GOLD	60	355	-83.1%	4,626	1,280	2.61	616	1,848	-66.7%	25,875	10,919	137.0%
IRON ORE 62 CHINA TSI CALL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
IRON ORE 62 CHINA TSI PUT O	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HOT ROLLED COIL STEEL CAL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
HOT ROLLED COIL STEEL PUT	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
Energy Futures												
ETHANOL FWD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HOUSTON SHIP CHANNEL BAS	0	0	0.0%	243	0	0	0	0	0.0%	243	61	298.4%
NORTHWEST ROCKIES BASIS	0	0	0.0%	186	0	0	0	0	0.0%	308	0	0.0%
HEATING OIL VS ICE GASOIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
FUEL OIL CRACK VS ICE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
FUEL OIL NWE CRACK VS ICE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NGPL MIDCONTINENT INDEX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NGPL TEXOK INDEX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CENTERPOINT BASIS SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NATURAL GAS	0	135	-100.0%	24,445	3,587	5.81	800	1,013	-21.0%	94,521	21,415	341.4%
HTG OIL	36	0	0.0%	0	0	0	36	0	0.0%	0	0	0.0%
LTD NAT GAS	0	0	0.0%	43,613	77,648	-0.44	0	549	-100.0%	496,831	413,509	20.1%
GASOIL MINI CALENDAR SWA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL 0.1 ROTTERDAM BAR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
N ROCKIES PIPE SWAP	0	0	0.0%	0	0	0	0	0	0.0%	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 Volume Comparison Report - Monthly

	Open Outcry JUL 2016	Open Outcry JUL 2015	% CHG	ELEC JUL 2016	ELEC JUL 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG
Energy Futures												
HUSTN SHIP CHNL PIPE SWP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SAN JUAN PIPE SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SOCAL PIPE SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PANHANDLE PIPE SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	300	0	0.0%	1,617,387	2,597,394	-0.38	344	0	0.0%	14,084,432	15,782,151	-10.8%
BRENT CALENDAR SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL 0.1 CARGOES CIF NE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL 0.1 RDAM BRGS VS I	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL 0.1 CIF NWE VS ISE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NY H OIL PLATTS VS NYMEX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MARS (ARGUS) VS WTI SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MARS (ARGUS) VS WTI TRD M	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
WTS (ARGUS) VS WTI TRD MT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE 180CST BALMO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE 380CST BALMO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE JET KERO BALMO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE NAPHTHA BALMO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
DUBAI CRUDE OIL BALMO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EURO 3.5% FUEL OIL RDAM B	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EURO 1% FUEL OIL NEW BALM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NY HARBOR 1% FUEL OIL BAL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GULF COAST 3% FUEL OIL BA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PREMIUM UNLD 10P FOB MED	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL 10P CRG CIF NW VS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL 0.1 CRG CIF NW VS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
BRENT CFD SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
JET FUEL CRG CIF NEW VS I	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
3.5% FUEL OIL CID MED SWA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ARGUS PROPAN FAR EST IND	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ULSD 10PPM CIF VS ICE GAS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL 0.1 CIF VS ICE GAS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
JET FUEL BRG FOB RDM VS I	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM NILL DA OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM AECO DA OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	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 Volume Comparison Report - Monthly

	Open Outcry JUL 2016	Open Outcry JUL 2015	% CHG	ELEC JUL 2016	ELEC JUL 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG
Energy Futures												
PJM DAYTON DA PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM BGE DA PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM BGE DA OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM DPL DA PEAK	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
PJM DPL DA OFF-PEAK	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
PJM EASTERNH DA PEAK	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
PJM JCPL DA PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM JCPL DA OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM PEPCO DA PEAK	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
PJM PEPCO DA OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM PPL DA PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM PPL DA OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM PSEG DA PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM PSEG DA OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM WESTHDA PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM WESTH DA OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM WESTH RT PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM WESTH RT OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ALGONQUIN CITYGATES BASI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TCO NG INDEX SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TENNESSEE 500 LEG NG INDE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
MICHCON NG INDEX SWAP	0	-	-	0	-		0	-	-	0	-	-
CIG ROCKIES NG INDEX SWA	0	-	-	0	-		0	-	-	0	-	-
TENNESSEE 500 LEG NG SWIN	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
GASOIL 0.1 CIF MED SWAP	0	-	-	0	-		0	-	-	0	-	-
GASOIL 0.1CIF MED VS ICE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ULSD 10PPM CIF MED SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ULSD 10PPM CIF MED VS ICE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
BRENT BALMO SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ICE GASOIL BALMO SWAP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
JET FUEL CARGOES CIF NEW	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
ULSD 10PPM CIF NW BALMO S	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
ULSD 10PPM CIF MED BALMO	0	-	-	0	-		0	-	-	0	-	-
PERMIAN BASIS SWAP	0	0	0.0%	0	0	0	0	0	0.0%	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 Volume Comparison Report - Monthly

	Open Outcry JUL 2016	Open Outcry JUL 2015	% CHG	ELEC JUL 2016	ELEC JUL 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG
Energy Futures												
Tetco ELA Basis	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PANHANDLE INDEX SWAP FUT	0	-	-	0	-		0	-	-	0	-	-
GULF COAST JET FUEL CLNDR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EUROPE 1% FUEL OIL NWE CA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE FUEL 180CST CAL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO G	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GULF COAST NO.6 FUEL OIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEW YORK HUB ZONE G PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NORTHERN ILLINOIS OFF-PEA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
AEP-DAYTON HUB DAILY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE FUEL OIL SPREA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE JET KERO GASOI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TETCO M-3 INDEX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
DOMINION TRAN INC - APP I	0	-	-	0	-		0	-	-	0	-	-
CINERGY HUB PEAK MONTH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HEATING OIL PHY	17	133	-87.2%	2,827,583	2,775,957	0.02	703	4,292	-83.6%	20,755,993	19,253,144	7.8%
GASOIL 10PPM CARGOES CIF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL 10PPM VS ICE SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NY1% VS GC SPREAD SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL BALMO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EUROPEAN NAPHTHA BALMO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PREMIUM UNLD 10PPM CARG	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
GASOIL 0.1 BRGS FOB VS IC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
DIESEL 10P BRG FOB RDM VS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ARGUS PROPAN(SAUDI ARAM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM AECO DA PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
N ILLINOIS HUB MTHLY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MINY HTG OIL	0	0	0.0%	21	11	0.91	0	0	0.0%	72	59	22.0%
WAHA BASIS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MINY NATURAL GAS	0	0	0.0%	24,762	22,444	0.1	0	0	0.0%	174,111	208,272	-16.4%
SINGAPORE GASOIL SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
UP DOWN GC ULSD VS NMX H	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM NILL DA PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM DAYTON DA OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	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 Volume Comparison Report - Monthly

	Open Outcry JUL 2016	Open Outcry JUL 2015	% CHG	ELEC JUL 2016	ELEC JUL 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG
Energy Futures												
LA JET (OPIS) SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ULSD UP-DOWN BALMO SWP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
JET FUEL UP-DOWN BALMO C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EIA FLAT TAX ONHWAY DIESE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
JAPAN NAPHTHA BALMO SWA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NY 3.0% FUEL OIL (PLATTS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NY 2.2% FUEL OIL (PLATTS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
BRENT CFD(PLATTS) VS FRNT	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
RBOB GASOLINE BALMO CLNC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOLINE UP-DOWN BALMO S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TRANSCO ZONE 4 NAT GAS IN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
COLUMBIA GULF MAIN NAT G	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SOUTHERN NAT LA NAT GAS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
FL GAS ZONE 3 NAT GAS IND	0	-	-	0	-		0	-	-	0	-	-
COLUMB GULF MAINLINE NG B	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TENNESSEE 800 LEG NG BASI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TRANSCO ZONE 1 NG BASIS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ONEOK OKLAHOMA NG BASIS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SOUTH STAR TEX OKLHM KNS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TEXAS GAS ZONE1 NG BASIS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO ZONE C 5MW D AH O P	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM NI HUB 5MW REAL TIME	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO ZONE G 5MW D AH O P	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO ZONE J 5MW D AH PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO ZONE J 5MW D AH O P	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM COMED 5MW D AH PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM COMED 5MW D AH O PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL INTR HUB 5MW D AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CIN HUB 5MW REAL TIME PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CIN HUB 5MW D AH PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO ZONE A 5MW D AH PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO ZONE A 5MW D AH O P	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL W CNT MASS 5MW D	0	0	0.0%	0	0	0	0	0	0.0%	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 Volume Comparison Report - Monthly

	Open Outcry JUL 2016	Open Outcry JUL 2015	% CHG	ELEC JUL 2016	ELEC JUL 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG
Energy Futures												
NEPOOL CONECTIC 5MW D AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL CNCTCT 5MW D AH O	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL SE MASS 5MW D AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL SE MASS 5MW D AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL NE MASS 5MW D AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL NE MASS 5MW D AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL MAINE 5MW D AH PK	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
NYISO ZONE C 5MW D AH PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL W CNTR M 5MW D AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO ZONE G 5MW D AH PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM AD HUB 5MW REAL TIME	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL MAINE 5MW D AH O E	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
CIN HUB 5MW D AH O PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CIN HUB 5MW REAL TIME O P	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
RBOB PHY	39	111	-64.9%	3,166,827	3,346,075	-0.05	460	2,698	-83.0%	24,333,643	21,915,072	11.0%
SING FUEL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
LLS (ARGUS) CALENDAR SWA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
RBOB VS HEATING OIL SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NORTHERN NATURAL GAS DEM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HOUSTON SHIP CHANNEL IND	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EUROPE JET KERO NWE CALS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MINY WTI CRUDE OIL	0	0	0.0%	215,615	203,972	0.06	0	0	0.0%	2,045,808	2,050,493	-0.2%
NEW ENGLAND HUB PEAK DAI	0	-	-	0	-		0	-	-	0	-	-
ROCKIES KERN OPAL - NW IN	0	-	-	0	-		0	-	-	0	-	-
NATURAL GAS PHY	28	2,354	-98.8%	6,571,658	6,160,967	0.07	1,511	20,079	-92.5%	50,691,969	45,863,584	10.5%
APPALACHIAN COAL (PHY)	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
WTI CALENDAR	0	0	0.0%	0	0	0	1,069	22	4,759.1%	0	0	0.0%
HENRY HUB BASIS SWAP	0	0	0.0%	0	0	0	0	0	0.0%	31	0	0.0%
DEMARC INDEX FUTURE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
WTS (ARGUS) VS WTI SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PREMIUM UNLEAD 10PPM FOB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CHICAGO UNL GAS PL VS RBO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CRUDE OIL PHY	359	6,453	-94.4%	18,345,524	14,361,226	0.28	18,159	114,159	-84.1%	150,385,266	110,606,955	36.0%
RBOB CALENDAR SWAP	0	0	0.0%	0	2	-1	0	12	-100.0%	0	2	-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 Volume Comparison Report - Monthly

	Open Outcry JUL 2016	Open Outcry JUL 2015	% CHG	ELEC JUL 2016	ELEC JUL 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG
Energy Futures												
ISO NEW ENGLAND PK LMP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
LA CARB DIESEL (OPIS)	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CHICAGO ETHANOL SWAP	0	0	0.0%	1,790	563	2.18	0	0	0.0%	9,165	3,203	186.1%
NEW YORK ETHANOL SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL BULLET SWAP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
EURO PROPANE CIF ARA SW	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
JAPAN C&F NAPHTHA SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYMEX ULSD VS NYMEX HO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOLINE UP-DOWN (ARGUS)	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
LA CARBOB GASOLINE(OPIS)S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
LA CARB DIESEL (OPIS) SWA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
JAPAN C&F NAPHTHA CRACK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MINY RBOB GAS	0	0	0.0%	3	4	-0.25	0	0	0.0%	27	35	-22.9%
RBOB GAS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
RBOB CRACK SPREAD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
RBOB UP-DOWN CALENDAR S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NY HARBOR RESIDUAL FUEL 1	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NY HARBOR HEAT OIL SWP	15	3	400.0%	0	11	-1	39	146	-73.3%	3	11	-72.7%
LA JET FUEL VS NYM NO 2 H	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ANR OKLAHOMA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MICHIGAN BASIS	0	0	0.0%	62	0	0	0	0	0.0%	244	0	0.0%
Sumas Basis Swap	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NGPL MID-CONTINENT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TEXAS EASTERN ZONE M-3 BA	0	0	0.0%	0	0	0	0	0	0.0%	31	0	0.0%
PGE&E CITYGATE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
PJM MONTHLY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NORTHEN NATURAL GAS VEN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
DOMINION TRANSMISSION INC	0	0	0.0%	152	0	0	0	0	0.0%	243	0	0.0%
TCO BASIS SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CIG BASIS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM DAILY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
COLUMBIA GULF ONSHORE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
Tetco STX Basis	0	0	0.0%	0	0	0	0	0	0.0%	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 Volume Comparison Report - Monthly

	Open Outcry JUL 2016	Open Outcry JUL 2015	% CHG	ELEC JUL 2016	ELEC JUL 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG
Energy Futures												
Transco Zone 3 Basis	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HENRY HUB SWING FUTURE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EL PASO PERMIAN INDEX SWA	0	-	-	0	-		0	-	-	0	-	-
HENRY HUB INDEX SWAP FUT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
WAHA INDEX SWAP FUTURE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GULF COAST GASOLINE CLND	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EUROPE NAPHTHA CALSWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EUROPE 1% FUEL OIL RDAM C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EUROPE 3.5% FUEL OIL RDAM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EUROPE 3.5% FUEL OIL MED	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PANHANDLE BASIS SWAP FUT	0	0	0.0%	31	0	0	0	0	0.0%	61	0	0.0%
SAN JUAN BASIS SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SOCAL BASIS SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TRANSCO ZONE 6 BASIS SWA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO A	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO J	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GULF COAST JET VS NYM 2 H	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NY HARBOR RESIDUAL FUEL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MICHIGAN HUB PEAK MONTH	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
MICHIGAN HUB OFF-PEAK MO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
EURO 3.5% FUEL OIL SPREAD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL CALENDAR SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EURO GASOIL 10 CAL SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NGPL MIDCONTINENT SWING	0	-	-	0	-		0	-	-	0	-	-
NGPL TEXOK SWING SWAP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
CENTERPOINT EAST INDEX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CRUDE OIL	0	0	0.0%	0	0	0	0	0	0.0%	0	21	-100.0%
BRENT FINANCIAL FUTURES	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
WTI-BRENT BULLET SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
WTI-BRENT CALENDAR SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
DATED TO FRONTLINE BRENT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ICE BRENT DUBAI SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL CRACK SPREAD CALE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EUROPEAN NAPHTHA CRACK S	0	0	0.0%	0	0	0	0	0	0.0%	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 Volume Comparison Report - Monthly

	Open Outcry JUL 2016	Open Outcry JUL 2015	% CHG	ELEC JUL 2016	ELEC JUL 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG
Energy Futures												
EURO GASOIL 10PPM VS ICE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
JET CIF NWE VS ICE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
JET BARGES VS ICE GASOIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL VS ICE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NATURAL GAS PEN SWP	0	0	0.0%	0	0	0	92	20,576	-99.6%	0	0	0.0%
WESTERN RAIL DELIVERY PR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EASTERN RAIL DELIVERY CSX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EUROPE DATED BRENT SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TC5 RAS TANURA TO YOKOHA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TD3 MEG TO JAPAN 250K MT	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
TC2 ROTTERDAM TO USAC 37	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM OFF-PEAK LMP SWAP FU	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO A OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO G OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO J OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ISO NEW ENGLAND OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
AEP-DAYTON HUB OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
N ILLINOIS HUB DAILY	0	-	-	0	-		0	-	-	0	-	-
AEP-DAYTON HUB MTHLY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
FUELOIL SWAP:CARGOES VS.	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EAST/WEST FUEL OIL SPREAD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE 380CST FUEL OIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE JET KEROSENE S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE NAPHTHA SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SONAT BASIS SWAP FUTURE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
FLORIDA GAS ZONE3 BASIS S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TRANSCO ZONE4 BASIS SWAP	0	0	0.0%	186	0	0	0	0	0.0%	646	0	0.0%
ANR LOUISIANA BASIS SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TENNESSEE 500 LEG BASIS S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TENNESSEE ZONE 0 BASIS S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TRANSCO ZONE 6 INDEX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CINERGY HUB OFF-PEAK MON	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GULF COAST ULSD CALEND	0	0	0.0%	0	0	0	0	0	0.0%	3	2	50.0%
GULF COAST ULSD CRACK SP	0	0	0.0%	0	0	0	0	0	0.0%	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 Volume Comparison Report - Monthly

	Open Outcry JUL 2016	Open Outcry JUL 2015	% CHG	ELEC JUL 2016	ELEC JUL 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG
Energy Futures												
HENRY HUB SWAP	0	0	0.0%	153,919	44,810	2.43	1,472	236	523.7%	1,342,408	195,868	585.4%
DUBAI CRUDE OIL CALENDAR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
USGC UNL 87 CRACK SPREAD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYH NO 2 CRACK SPREAD CA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NO 2 UP-DOWN SPREAD CALE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE MOGAS 92 UNLEA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ETHANOL T2 FOB ROTT INCL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE MOGAS 92 UNLEA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PROPANE NON-LDH MT. BEL (0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PROPANE NON-LDH MB (OPIS)	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NY JET FUEL (PLATTS) HEAT C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
JET AV FUEL (P) CAR FM ICE G	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
FUEL OIL (PLATS) CAR CM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
FUEL OIL (PLATS) CAR CN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NY JET FUEL (ARGUS) VS HEA	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
NY ULSD (ARGUS) VS HEATIN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MISO 5MW PEAK	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
MISO 5MW OFF PEAK	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
PJM PECO ZONE5MW PEAK C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
IN DELIVERY MONTH EUA	0	0	0.0%	0	0	0	0	0	0.0%	225	506	-55.5%
DATED BRENT (PLATTS) DAILY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GAS EURO-BOB OXY NWE BA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GAS EURO-BOB OXY NWE BA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PREM UNL GAS 10PPM RDAM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PREM UNL GAS 10PPM RDAM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MONT BELVIEU NORMAL BUTA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MONT BELVIEU ETHANE 5 DEC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MONT BELVIEU LDH PROPANE	0	0	0.0%	1	5	-0.8	0	0	0.0%	48	112	-57.1%
EUROPEAN GASOIL (ICE)	0	0	0.0%	11,509	8,962	0.28	0	0	0.0%	1,453,810	73,881	1,867.8%
ERCOT NORTH ZMCPE 5MW O	0	-	-	0	-	-	0	-	-	0	-	-
ERCOT NORTH ZMCPE 5MW O	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ERCOT NORTH ZMCPE 5MW P	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE JET KERO VS. GA	0	0	0.0%	0	0	0	0	0	0.0%	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 Volume Comparison Report - Monthly

	Open Outcry JUL 2016	Open Outcry JUL 2015	% CHG	ELEC JUL 2016	ELEC JUL 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG
Energy Futures												
MONT BELVIEU NORMAL BUTA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MONT BELVIEU ETHANE OPIS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MONT BELVIEU NATURAL GAS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MONT BELVIEU LDH PROPANE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CONWAY NORMAL BUTANE (O	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CONWAY NATURAL GASOLINE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CONWAY PROPANE 5 DECIMA	0	0	0.0%	0	7	-1	0	0	0.0%	0	20	-100.0%
PETROCHEMICALS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MONT BELVIEU NATURAL GAS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CRUDE OIL LAST DAY	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
ELEC NYISO OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ELEC MISO PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MARS BLEND CRUDE OIL	0	-	-	0	-	-	0	-	-	0	-	-
NYMEX ALUMINUM FUTURES	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL 0.1 CIF MED BALMO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
RBOB CRACK SPREAD BALMO	0	-	-	0	-	-	0	-	-	0	-	-
CARBON EUA EMISSIONS EUR	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
DIESEL 10PPM BARGES FOB B	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
EURO 3.5% FUEL OIL M CRK	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
PJM DUQUESNE 5MW D AH PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM DUQUS 5MW D AH O PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PETRO CRK&SPRD EURO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GRP THREE ULSD(PLT)VS HEA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HEATING OIL CRCK SPRD BAL	0	-	-	0	-	-	0	-	-	0	-	-
CHICAGO ULSD PL VS HO SPR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GRP THREE UNL GS (PLT) VS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM WES HUB PEAK LMP 50 M	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
FREIGHT MARKETS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL NEW HAMP 5MW D A	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ELEC ERCOT OFF PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ELECTRICITY OFF PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HEATING OIL BALMO CLNDR S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CRUDE OIL SPRDS	0	0	0.0%	0	0	0	0	0	0.0%	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 Volume Comparison Report - Monthly

	Open Outcry JUL 2016	Open Outcry JUL 2015	% CHG	ELEC JUL 2016	ELEC JUL 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG
Energy Futures												
PJM APS ZONE DA PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ELEC FINSETTLED	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM APS ZONE DA OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NAT GAS BASIS SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PLASTICS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT NA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MNC FUT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MCCLOSKEY ARA ARGS COAL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MCCLOSKEY RCH BAY COAL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TRANSCO ZONE 6 PIPE SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ELEC ERCOT DLY PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GC ULSD VS GC JET SPREAD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ALGON CITY GATES NAT GAS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL CALEND A	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MJC FUT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NGPL TEX/OK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
RBOB SPREAD (PLATTS) SWA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL RHD ISLD 5MW D AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL RHODE IL 5MW D AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TENN 800 LEG NAT GAS INDE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ONTARIO POWER SWAPS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS ASIA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
INDONESIAN COAL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
DAILY PJM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
INDIANA MISO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS ASIA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
AUSTRIALIAN COKE COAL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
COAL SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO CAPACITY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CANADIAN LIGHT SWEET OIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MICHIGAN MISO	0	0	0.0%	0	0	0	0	0	0.0%	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 Volume Comparison Report - Monthly

	Open Outcry JUL 2016	Open Outcry JUL 2015	% CHG	ELEC JUL 2016	ELEC JUL 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG
Energy Futures												
NEW YORK HUB ZONE J PEAK	0	-	-	0	-		0	-	-	0	-	-
MJB FUT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EURO-DENOMINATED PETRO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EU LOW SULPHUR GASOIL CR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NY HARBOR LOW SULPUR GA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CRUDE OIL TRADE AT MARKE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MINI RBOB V. EBOBARG NWE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GROUP THREE ULSD (PLATTS)	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NATURAL GAS INDEX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MINI GAS EUROBOB OXY NWE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MINI RBOB V. EBOB(ARGUS) N	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
VENTURA NAT GAS PLATTS FI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CHICAGO ULSD (PLATTS) SWA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
COLUMBIA GULF NAT GAS FIX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CENTER POINT NAT GAS FIXE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
3.5% FUEL OIL CIF BALMO S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SUMAS NAT GAS PLATTS FIXE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MGN1 SWAP FUT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NATURAL GAS FIXED PRICE S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
DLY GAS EURO-BOB OXY	0	-	-	0	-		0	-	-	0	-	-
UCM FUT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
DIESEL10PPM BARG VS ICE LS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ELEC ERCOT DLY OFF PK	0	-	-	0	-		0	-	-	0	-	-
PJM ATSI ELEC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MGF FUT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
DY EURO 3.5% FUEL OI RDA	0	-	-	0	-		0	-	-	0	-	-
EMMISSIONS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ELECTRICITY ERCOT PEAK	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
NY HARBOR LOW SULPUR GA	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
Energy Options												
ETHANOL	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 Volume Comparison Report - Monthly

	Open Outcry JUL 2016	Open Outcry JUL 2015	% CHG	ELEC JUL 2016	ELEC JUL 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG
Energy Options												
NATURAL GAS	0	-	-	0	-		0	-	-	0	-	-
PGE CITYGATE PIPE SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
N ROCKIES PIPE SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HUSTN SHIP CHNL PIPE SWP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SAN JUAN PIPE SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SOCAL PIPE SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	677	91	644.0%	4,018	0	0	9,897	2,097	372.0%	7,421	4	185,425.0%
BRENT CALENDAR SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE JET FUEL CALEN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ROTTERDAM 3.5%FUEL OIL CL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE FUEL OIL 180 CS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HEATING OIL PHY	911	1,381	-34.0%	5,719	4,628	0.24	5,701	18,975	-70.0%	49,941	42,679	17.0%
HENRY HUB FINANCIAL LAST	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
RBOB PHY	245	676	-63.8%	4,942	9,189	-0.46	7,754	12,450	-37.7%	55,380	49,453	12.0%
NATURAL GAS PHY	1,716	12,152	-85.9%	827,495	217,981	2.8	18,519	193,274	-90.4%	4,325,373	1,423,071	203.9%
CRUDE OIL APO	550	73	653.4%	0	0	0	7,087	419	1,591.4%	0	0	0.0%
NATURAL GAS 3 M CSO FIN	0	0	0.0%	0	0	0	250	0	0.0%	0	0	0.0%
NATURAL GAS 1 M CSO FIN	0	0	0.0%	0	0	0	200	962	-79.2%	0	0	0.0%
WTI CRUDE OIL 1 M CSO FI	0	0	0.0%	0	0	0	0	3,000	-100.0%	16,826	0	0.0%
CRUDE OIL PHY	5,028	69,543	-92.8%	2,669,418	2,662,097	0	203,578	942,451	-78.4%	19,235,515	15,353,941	25.3%
RBOB CALENDAR SWAP	0	0	0.0%	0	0	0	50	9	455.6%	0	0	0.0%
RBOB 1MO CAL SPD OPTIONS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ISO NEW ENGLAND PK LMP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
NY HARBOR HEAT OIL SWP	170	126	34.9%	0	0	0	1,293	1,282	0.9%	6	16	-62.5%
PJM MONTHLY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
WTI-BRENT BULLET SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	1,000	-100.0%
HO 1 MONTH CLNDR OPTIONS	0	0	0.0%	0	0	0	0	125	-100.0%	0	0	0.0%
NG HH 3 MONTH CAL	0	-	-	0	-		500	-	-	0	-	-
CRUDE OIL 1MO	0	0	0.0%	128,821	6,200	19.78	100	4,600	-97.8%	420,022	49,062	756.1%
WTI 6 MONTH CALENDAR OPTI	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
WTI 12 MONTH CALENDAR OP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYMEX EUROPEAN GASOIL A	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYMEX EUROPEAN GASOIL O	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	0	0	0.0%	0	0	0	0	0	0.0%	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 Volume Comparison Report - Monthly

	Open Outcry JUL 2016	Open Outcry JUL 2015	% CHG	ELEC JUL 2016	ELEC JUL 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG
Energy Options												
NYISO ZONE G 5MW PEAK OP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PETROCHEMICALS	0	0	0.0%	2	4	-0.5	0	0	0.0%	10	33	-69.7%
NATURAL GAS SUMMER STRIF	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
NATURAL GAS OPTION ON CA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ELEC MISO PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EUROPEAN JET KEROSENE N	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM CALENDAR STRIP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
APPALACHIAN COAL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ELECTRICITY OFF PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ELEC FINSETTLED	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
BRENT 1 MONTH CAL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
CRUDE OIL CALNDR STRIP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NATURAL GAS 5 M CSO FIN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MCCLOSKEY ARA ARGS COAL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MCCLOSKEY RCH BAY COAL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NATURAL GAS 2 M CSO FIN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NATURAL GAS 6 M CSO FIN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL CRACK SPREAD AVG	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL CALEND	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ETHANOL SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SHORT TERM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NATURAL GAS 12 M CSO FIN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SHORT TERM CRUDE OIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
COAL SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
DAILY CRUDE OIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
COAL API2 INDEX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EURO-DENOMINATED PETRO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
1 MO GASOIL CAL SWAP SPR	0	-	-	0	-		0	-	-	0	-	-
PJM WES HUB PEAK CAL MTH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM WES HUB PEAK LMP 50M	0	-	-	0	-		0	-	-	0	-	-
COAL API4 INDEX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM ELECTRIC	0	0	0.0%	0	0	0	0	0	0.0%	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 Volume Comparison Report - Monthly

	Open Outcry JUL 2016	Open Outcry JUL 2015	% CHG	ELEC JUL 2016	ELEC JUL 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG
Energy Options												
LLS CRUDE OIL	0	-	-	0	-		0	-	-	0	-	-
GASOLINE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
WTI CRUDE OIL 12 M CSO F	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
FX Futures												
AUSTRALIAN DOLLAR	60	138	-56.5%	1,739,906	1,887,489	-0.08	749	5,860	-87.2%	14,875,590	13,948,523	6.6%
BRITISH POUND	12	216	-94.4%	2,333,130	1,742,792	0.34	705	10,224	-93.1%	16,700,310	14,763,203	13.1%
BRAZIL REAL	0	0	0.0%	28,446	46,143	-0.38	0	30	-100.0%	337,891	250,506	34.9%
CANADIAN DOLLAR	0	327	-100.0%	1,238,653	1,438,474	-0.14	744	7,136	-89.6%	10,870,510	10,107,286	7.6%
E-MINI EURO FX	0	0	0.0%	61,158	104,763	-0.42	0	0	0.0%	575,539	950,736	-39.5%
EURO FX	522	1,484	-64.8%	2,723,147	4,652,278	-0.41	6,320	50,190	-87.4%	28,565,503	39,670,774	-28.0%
E-MINI JAPANESE YEN	0	0	0.0%	33,583	13,706	1.45	0	0	0.0%	249,122	124,228	100.5%
JAPANESE YEN	147	237	-38.0%	2,629,425	2,231,015	0.18	2,785	25,464	-89.1%	21,641,970	20,408,358	6.0%
MEXICAN PESO	0	0	0.0%	835,046	851,033	-0.02	0	120,694	-100.0%	7,586,727	6,100,638	24.4%
NEW ZEALND DOLLAR	0	0	0.0%	405,442	460,741	-0.12	0	732	-100.0%	3,129,668	2,955,576	5.9%
NKR/USD CROSS RATE	0	0	0.0%	649	328	0.98	0	0	0.0%	9,990	6,945	43.8%
RUSSIAN RUBLE	0	0	0.0%	16,919	12,224	0.38	0	4	-100.0%	194,195	117,054	65.9%
S.AFRICAN RAND	0	4	-100.0%	11,609	9,907	0.17	0	806	-100.0%	99,533	96,721	2.9%
SWISS FRANC	0	0	0.0%	326,942	376,772	-0.13	0	1,073	-100.0%	3,254,027	3,272,322	-0.6%
AD/CD CROSS RATES	0	0	0.0%	0	9	-1	0	0	0.0%	37	172	-78.5%
AD/JY CROSS RATES	0	0	0.0%	2,324	4,836	-0.52	0	0	0.0%	29,773	24,049	23.8%
AD/NE CROSS RATES	0	0	0.0%	55	27	1.04	0	0	0.0%	594	373	59.2%
BP/JY CROSS RATES	0	0	0.0%	3,528	539	5.55	0	0	0.0%	12,926	8,501	52.1%
BP/SF CROSS RATES	0	0	0.0%	182	238	-0.24	0	0	0.0%	309	1,360	-77.3%
CD/JY CROSS RATES	0	0	0.0%	1	7	-0.86	0	0	0.0%	10	141	-92.9%
EC/AD CROSS RATES	0	0	0.0%	682	513	0.33	0	0	0.0%	11,681	10,359	12.8%
EC/CD CROSS RATES	0	0	0.0%	1,387	756	0.83	0	0	0.0%	16,542	17,547	-5.7%
EC/NOK CROSS RATES	0	0	0.0%	0	0	0	0	21	-100.0%	7	18	-61.1%
EC/SEK CROSS RATES	0	0	0.0%	21	29	-0.28	0	0	0.0%	460	472	-2.5%
EFX/BP CROSS RATES	0	0	0.0%	35,235	41,472	-0.15	0	0	0.0%	513,043	411,489	24.7%
EFX/JY CROSS RATES	0	0	0.0%	26,976	36,443	-0.26	0	0	0.0%	287,423	297,555	-3.4%

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

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.



CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUL 2016	Open Outcry JUL 2015	% CHG	ELEC JUL 2016	ELEC JUL 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG
FX Futures												
EFX/SF CROSS RATES	0	0	0.0%	12,391	23,003	-0.46	0	0	0.0%	225,711	213,334	5.8%
SF/JY CROSS RATES	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
SKR/USD CROSS RATES	0	0	0.0%	929	588	0.58	0	20	-100.0%	10,181	7,812	30.3%
CZECK KORUNA (US)	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
CZECK KORUNA (EC)	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
HUNGARIAN FORINT (US)	0	0	0.0%	0	0	0	0	0	0.0%	0	2	-100.0%
HUNGARIAN FORINT (EC)	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
POLISH ZLOTY (US)	0	0	0.0%	301	23	12.09	0	0	0.0%	2,692	980	174.7%
POLISH ZLOTY (EC)	0	0	0.0%	1	0	0	0	0	0.0%	4,592	0	0.0%
SHEKEL	0	0	0.0%	0	0	0	0	0	0.0%	0	3	-100.0%
RMB USD	0	0	0.0%	37	736	-0.95	6	0	0.0%	1,648	2,512	-34.4%
KOREAN WON	0	0	0.0%	2	9	-0.78	0	0	0.0%	118	169	-30.2%
TURKISH LIRA	0	0	0.0%	0	0	0	0	0	0.0%	0	21	-100.0%
TURKISH LIRA (EU)	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
E-MICRO EUR/USD	0	0	0.0%	244,931	369,430	-0.34	0	0	0.0%	2,091,176	2,618,809	-20.1%
E-MICRO GBP/USD	0	0	0.0%	118,706	44,630	1.66	0	0	0.0%	504,419	296,807	69.9%
E-MICRO USD/CAD	0	0	0.0%	0	2	-1	0	0	0.0%	22	12	83.3%
E-MICRO USD/CHF	0	0	0.0%	0	2	-1	0	0	0.0%	1	3	-66.7%
E-MICRO USD/JPY	0	0	0.0%	0	0	0	0	0	0.0%	4	71	-94.4%
E-MICRO AUD/USD	0	0	0.0%	125,054	61,792	1.02	0	0	0.0%	667,951	369,665	80.7%
MICRO CHF/USD	0	0	0.0%	895	2,090	-0.57	0	0	0.0%	14,271	16,679	-14.4%
CHINESE RENMINBI (CNH)	0	0	0.0%	659	687	-0.04	0	0	0.0%	10,022	4,057	147.0%
E-MICRO JPY/USD	0	0	0.0%	37,559	7,582	3.95	0	0	0.0%	206,006	87,944	134.2%
E-MICRO USD/CNH	0	0	0.0%	0	15	-1	0	0	0.0%	61	289	-78.9%
E-MICRO CAD/USD	0	0	0.0%	21,611	10,512	1.06	0	0	0.0%	143,217	87,732	63.2%
INDIAN RUPEE	0	0	0.0%	9,985	8,577	0.16	0	0	0.0%	86,417	78,067	10.7%
E-MICRO INR/USD	0	0	0.0%	2,510	78	31.18	0	0	0.0%	11,297	2,063	447.6%
USDZAR	0	0	0.0%	2	69	-0.97	0	0	0.0%	6	365	-98.4%
FCXRX	0	-	-	127	-	-	0	-	-	410	-	-
EURO QUARTERLY VARIANCE	-	0	0.0%	-	0	0	-	0	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 Volume Comparison Report - Monthly

	Open Outcry JUL 2016	Open Outcry JUL 2015	% CHG	ELEC JUL 2016	ELEC JUL 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG
FX Options												
AUSTRALIAN DOLLAR	773	2,864	-73.0%	104,621	155,783	-0.33	6,579	22,925	-71.3%	976,062	913,865	6.8%
BRITISH POUND	1,086	8,703	-87.5%	180,743	140,598	0.29	25,945	75,310	-65.5%	1,422,287	1,652,184	-13.9%
BRAZIL REAL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
CANADIAN DOLLAR	309	2,037	-84.8%	112,557	138,742	-0.19	23,016	20,597	11.7%	1,037,240	773,091	34.2%
EURO FX	4,140	27,250	-84.8%	469,004	816,169	-0.43	88,070	225,167	-60.9%	5,129,917	7,760,844	-33.9%
JAPANESE YEN	6,136	10,999	-44.2%	312,754	212,688	0.47	53,648	87,150	-38.4%	2,160,925	1,490,535	45.0%
MEXICAN PESO	32	155	-79.4%	2,727	1,591	0.71	765	2,220	-65.5%	16,475	7,870	109.3%
NEW ZEALND DOLLAR	0	0	0.0%	0	0	0	0	0	0.0%	0	13	-100.0%
RUSSIAN RUBLE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SWISS FRANC	25	18	38.9%	5,960	9,111	-0.35	272	4,042	-93.3%	48,990	107,027	-54.2%
JAPANESE YEN (EU)	0	0	0.0%	909	517	0.76	0	3	-100.0%	5,803	2,537	128.7%
EURO FX (EU)	0	0	0.0%	3,891	3,726	0.04	0	5	-100.0%	27,727	41,217	-32.7%
SWISS FRANC (EU)	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
CANADIAN DOLLAR (EU)	0	0	0.0%	110	137	-0.2	0	0	0.0%	1,768	1,262	40.1%
BRITISH POUND (EU)	0	0	0.0%	1,329	144	8.23	0	2	-100.0%	8,966	4,211	112.9%
AUSTRALIAN DLR (EU)	0	0	0.0%	80	210	-0.62	0	0	0.0%	1,124	894	25.7%
Commodities and Alternative Investments												
Futures												
CORN	65,260	134,436	-51.5%	6,030,054	8,188,464	-0.26	333,751	1,009,042	-66.9%	53,769,592	48,795,858	10.2%
SOYBEAN	34,679	62,788	-44.8%	4,591,154	4,229,464	0.09	234,349	481,972	-51.4%	38,322,500	29,744,037	28.8%
SOYBEAN MEAL	5,629	7,009	-19.7%	1,960,279	2,092,535	-0.06	34,705	135,523	-74.4%	15,543,627	13,135,922	18.3%
SOYBEAN OIL	2,471	9,465	-73.9%	2,106,104	2,294,272	-0.08	28,465	123,034	-76.9%	16,314,251	15,671,527	4.1%
OATS	10	23	-56.5%	11,107	10,221	0.09	10	553	-98.2%	134,407	108,920	23.4%
ROUGH RICE	0	12	-100.0%	10,380	18,677	-0.44	0	996	-100.0%	167,190	154,231	8.4%
MINI CORN	0	5	-100.0%	10,884	17,501	-0.38	0	1,409	-100.0%	88,600	83,865	5.6%
MINI SOYBEAN	0	42	-100.0%	18,434	21,728	-0.15	0	3,129	-100.0%	175,713	138,384	27.0%
MINI WHEAT	0	2	-100.0%	7,914	8,730	-0.09	0	489	-100.0%	45,286	52,558	-13.8%
LIVE CATTLE	1,816	5,748	-68.4%	1,068,616	1,158,477	-0.08	25,034	382,388	-93.5%	7,407,911	7,187,590	3.1%
FEEDER CATTLE	5	94	-94.7%	191,521	213,615	-0.1	172	42,453	-99.6%	1,396,824	1,347,477	3.7%
LEAN HOGS	2,348	7,863	-70.1%	823,316	962,678	-0.14	14,476	301,571	-95.2%	5,166,387	5,761,243	-10.3%
LUMBER	0	9	-100.0%	10,769	14,147	-0.24	0	1,357	-100.0%	100,487	114,712	-12.4%

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

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.

CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JUL 2016	Open Outcry JUL 2015	% CHG	ELEC JUL 2016	ELEC JUL 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG
Commodities and Alternative Investments												
Futures												
MILK	22	54	-59.3%	17,769	23,866	-0.26	323	3,073	-89.5%	172,200	169,686	1.5%
MLK MID	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NFD MILK	0	0	0.0%	2,980	5,443	-0.45	0	259	-100.0%	34,722	23,712	46.4%
BUTTER CS	0	0	0.0%	1,995	3,711	-0.46	0	0	0.0%	20,255	19,743	2.6%
CLASS IV MILK	0	0	0.0%	1,025	1,850	-0.45	0	149	-100.0%	6,921	6,168	12.2%
DRY WHEY	0	0	0.0%	755	1,751	-0.57	0	0	0.0%	7,789	11,188	-30.4%
GSCI EXCESS RETURN FUT	0	0	0.0%	33	0	0	0	0	0.0%	819	221	270.6%
GOLDMAN SACHS	0	0	0.0%	27,325	28,286	-0.03	0	6,135	-100.0%	190,165	191,181	-0.5%
ETHANOL	0	0	0.0%	14,057	17,441	-0.19	0	0	0.0%	101,035	129,006	-21.7%
HDD WEATHER	0	0	0.0%	0	0	0	0	0	0.0%	78	52	50.0%
CDD WEATHER	0	0	0.0%	150	150	0	0	0	0.0%	350	250	40.0%
HDD SEASONAL STRIP	0	0	0.0%	0	0	0	0	0	0.0%	0	52	-100.0%
CDD SEASONAL STRIP	0	0	0.0%	0	50	-1	0	0	0.0%	0	54	-100.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0	0	0	0	0.0%	100	0	0.0%
CAT WEATHER EUROPEAN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HDD EURO SEASONAL STRIP	0	0	0.0%	0	0	0	0	0	0.0%	50	0	0.0%
CAT EURO SEASONAL STRIP	0	-	-	0	-		0	-	-	0	-	-
WKLY AVG TEMP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
HOUSING INDEX	0	0	0.0%	9	5	0.8	0	0	0.0%	63	49	28.6%
DOW-UBS COMMOD INDEX	0	0	0.0%	15,988	25,434	-0.37	0	0	0.0%	225,163	181,700	23.9%
COTTON	0	0	0.0%	124	67	0.85	0	0	0.0%	470	367	28.1%
COCOA TAS	0	0	0.0%	182	158	0.15	0	0	0.0%	1,517	661	129.5%
COFFEE	0	0	0.0%	6	61	-0.9	0	0	0.0%	137	424	-67.7%
SUGAR 11	0	0	0.0%	54	166	-0.67	0	0	0.0%	378	1,041	-63.7%
CASH-SETTLED CHEESE	0	0	0.0%	5,849	11,643	-0.5	0	0	0.0%	75,758	65,475	15.7%
OTC SP GSCI ER SWAP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
DOW-UBS COMMOD INDEX SW	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
GRAIN BASIS SWAPS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
FERTILIZER PRODCUS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
KC WHEAT	1,145	279	310.4%	649,706	533,416	0.22	10,568	16,559	-36.2%	5,375,857	4,218,584	27.4%
CHI WHEAT	15,539	29,742	-47.8%	2,319,289	2,707,803	-0.14	125,651	239,107	-47.4%	18,881,395	18,746,425	0.7%
Intercommodity Spread	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
DJ_UBS ROLL SELECT INDEX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PALM OIL	0	0	0.0%	0	0	0	0	0	0.0%	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 Volume Comparison Report - Monthly

	Open Outcry JUL 2016	Open Outcry JUL 2015	% CHG	ELEC JUL 2016	ELEC JUL 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG
Commodities and Alternative Investments												
Futures												
S&P GSCI ENHANCED ER SWA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
Commodities and Alternative Investments												
Options												
CORN	984,966	1,637,285	-39.8%	1,727,138	2,297,932	-0.25	5,601,638	6,539,492	-14.3%	10,015,568	9,306,868	7.6%
SOYBEAN	579,704	643,275	-9.9%	1,657,886	1,258,688	0.32	3,541,082	4,268,890	-17.0%	10,488,428	7,363,429	42.4%
SOYBEAN MEAL	68,382	67,747	0.9%	116,525	141,975	-0.18	485,271	691,437	-29.8%	1,051,596	1,086,031	-3.2%
SOYBEAN OIL	84,462	118,376	-28.6%	79,314	63,086	0.26	665,772	720,620	-7.6%	716,786	383,687	86.8%
SOYBEAN CRUSH	57	68	-16.2%	0	0	0	4,463	486	818.3%	0	0	0.0%
OATS	795	855	-7.0%	699	593	0.18	3,856	8,923	-56.8%	4,610	4,449	3.6%
ROUGH RICE	70	378	-81.5%	1,419	3,015	-0.53	2,169	4,325	-49.8%	11,510	8,261	39.3%
WHEAT	0	0	0.0%	0	0	0	0	485	-100.0%	0	0	0.0%
LIVE CATTLE	58,134	89,228	-34.8%	198,609	178,939	0.11	927,042	587,066	57.9%	1,681,035	1,344,354	25.0%
FEEDER CATTLE	4,636	2,276	103.7%	27,148	37,100	-0.27	28,660	24,615	16.4%	207,696	218,468	-4.9%
LEAN HOGS	45,811	72,886	-37.1%	168,485	182,433	-0.08	251,540	413,072	-39.1%	887,032	1,256,933	-29.4%
LUMBER	10	0	0.0%	880	1,500	-0.41	105	18	483.3%	6,297	8,241	-23.6%
MILK	7,970	12,107	-34.2%	15,789	12,506	0.26	82,992	74,558	11.3%	101,508	94,110	7.9%
MLK MID	60	51	17.6%	0	0	0	279	228	22.4%	0	0	0.0%
NFD MILK	693	6,457	-89.3%	864	426	1.03	16,399	22,461	-27.0%	8,174	1,545	429.1%
BUTTER CS	778	1,406	-44.7%	247	185	0.34	7,349	7,507	-2.1%	1,574	1,178	33.6%
CLASS IV MILK	1,012	208	386.5%	1,692	171	8.89	1,915	3,056	-37.3%	4,568	1,486	207.4%
DRY WHEY	20	35	-42.9%	18	60	-0.7	630	2,319	-72.8%	37	308	-88.0%
HDD WEATHER	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CDD WEATHER	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HDD SEASONAL STRIP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CDD SEASONAL STRIP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CAT WEATHER EUROPEAN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HDD EURO SEASONAL STRIP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HOUSING INDEX	0	0	0.0%	0	0	0	0	0	0.0%	18	0	0.0%
CORN NEARBY+2 CAL SPRD	2,770	2,979	-7.0%	0	55	-1	29,952	26,786	11.8%	76	2,092	-96.4%
SOYBN NEARBY+2 CAL SPRD	1	0	0.0%	0	0	0	351	280	25.4%	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 Volume Comparison Report - Monthly

	Open Outcry JUL 2016	Open Outcry JUL 2015	% CHG	ELEC JUL 2016	ELEC JUL 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG
Commodities and Alternative Investments												
Options												
WHEAT NEARBY+2 CAL SPRD	5,417	23,847	-77.3%	2	719	-1	30,382	80,110	-62.1%	1,191	5,042	-76.4%
JULY-DEC CORN CAL SPRD	0	0	0.0%	0	0	0	34,934	22,431	55.7%	175	827	-78.8%
DEC-JULY WHEAT CAL SPRD	0	35	-100.0%	0	0	0	0	35	-100.0%	0	0	0.0%
JULY-NOV SOYBEAN CAL SPR	30	0	0.0%	0	0	0	60,409	33,430	80.7%	263	192	37.0%
JULY-DEC WHEAT CAL SPRD	0	0	0.0%	0	0	0	33,174	10,404	218.9%	145	2,292	-93.7%
JULY-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0	480	0	0.0%	13	0	0.0%
NOV-NOV SOYBEAN CAL SPR	165	239	-31.0%	0	0	0	726	272	166.9%	0	0	0.0%
SOYMEAL NEARBY+2 CAL SPR	0	0	0.0%	0	0	0	3,785	300	1,161.7%	0	0	0.0%
LV CATL CSO	0	12	-100.0%	0	0	0	249	79	215.2%	0	0	0.0%
SBIN HURR	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
JULY-DEC SOYMEAL CAL SPR	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
JULY-DEC SOY OIL CAL SPRD	0	0	0.0%	0	0	0	0	45	-100.0%	0	0	0.0%
NOV-JULY SOYBEAN CAL SPR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SOY OIL NEARBY+2 CAL SPRD	0	0	0.0%	0	0	0	0	75	-100.0%	0	0	0.0%
CASH-SETTLED CHEESE	5,035	6,994	-28.0%	1,081	1,999	-0.46	31,704	30,791	3.0%	17,427	9,943	75.3%
DEC-JULY CORN CAL SPRD	3,400	2,760	23.2%	0	40	-1	3,600	6,960	-48.3%	0	360	-100.0%
WHEAT-CORN ICSCO	140	450	-68.9%	0	0	0	6,232	7,920	-21.3%	0	0	0.0%
DEC-DEC CORN CAL SPRD	4,682	419	1,017.4%	0	0	0	15,879	1,269	1,151.3%	5	0	0.0%
SNOWFALL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
AUG-NOV SOYBEAN CAL SPR	0	0	0.0%	0	0	0	20	0	0.0%	0	0	0.0%
JAN-MAY SOYBEAN CAL SPRD	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
KC WHEAT	9,159	15,974	-42.7%	15,962	7,435	1.15	125,331	241,132	-48.0%	121,996	109,345	11.6%
MAR-JULY CORN CAL SPRD	0	0	0.0%	0	0	0	2,416	0	0.0%	4	0	0.0%
MAR-DEC CORN CAL SPRD	0	0	0.0%	0	0	0	0	5,430	-100.0%	0	0	0.0%
CHI WHEAT	154,673	303,563	-49.0%	312,535	530,261	-0.41	1,330,337	2,309,478	-42.4%	3,200,458	2,780,458	15.1%
Intercommodity Spread	0	40	-100.0%	0	0	0	3,395	634	435.5%	0	0	0.0%
MAR-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0	1,650	310	432.3%	0	6	-100.0%
SEP-DEC SOYBEAN MEAL CSC	0	0	0.0%	0	0	0	0	1,000	-100.0%	0	0	0.0%
AUG-DEC SOYBEAN MEAL CS	0	-	-	0	-	-	5	-	-	0	-	-
DEC-JUL SOYBEAN OIL CSO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
MAY-NOV SOYBEAN CAL SPR	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
NOV-DEC SOYBEAN CSO	-	0	0.0%	-	0	0	-	0	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 Volume Comparison Report - Monthly

	Open Outcry JUL 2016	Open Outcry JUL 2015	% CHG	ELEC JUL 2016	ELEC JUL 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG
Foreign Exchange Futures												
CHILEAN PESO	0	0	0.0%	0	0	0	6	0	0.0%	4	64	-93.8%
TOTAL FUTURES GROUP												
Interest Rate Futures	696,901	682,332	2.1%	95,482,315	93,285,997	2.4%	5,495,227	9,717,756	-43.5%	780,427,921	760,123,821	2.7%
Equity Index Futures	48,248	48,579	-0.7%	39,252,526	42,710,073	-8.1%	810,462	1,012,977	-20.0%	363,853,182	296,287,048	22.8%
Metals Futures	7,239	23,473	-69.2%	8,921,586	7,043,705	26.7%	84,342	597,272	-85.9%	58,350,567	44,133,649	32.2%
Energy Futures	794	9,189	-91.4%	33,005,517	29,603,645	11.5%	24,685	163,782	-84.9%	265,870,142	216,388,376	22.9%
FX Futures	741	2,406	-69.2%	13,030,146	14,442,359	-9.8%	11,309	222,254	-94.9%	112,943,602	117,332,302	-3.7%
Commodities and Alternative Inve	128,924	257,571	-49.9%	19,897,828	22,591,810	-11.9%	807,504	2,749,198	-70.6%	163,727,997	146,062,363	12.1%
Foreign Exchange Futures	0	0	0.0%	0	0	0.0%	6	0	0.0%	4	64	-93.8%
TOTAL FUTURES	882,847	1,023,550	-13.7%	209,589,918	209,677,589	0.0%	7,233,535	14,463,239	-50.0%	1,745,173,415	1,580,327,623	10.4%
TOTAL OPTIONS GROUP												
Equity Index Options	1,050,286	1,327,056	-20.9%	10,687,996	11,552,161	-7.5%	8,512,733	6,705,364	27.0%	81,350,886	70,246,666	15.8%
Interest Rate Options	20,648,348	19,984,058	3.3%	13,126,456	13,451,397	-2.4%	150,228,797	135,547,035	10.8%	99,928,579	80,529,200	24.1%
Metals Options	47,085	122,519	-61.6%	531,959	727,417	-26.9%	567,187	744,325	-23.8%	4,926,649	3,605,171	36.7%
Energy Options	9,297	84,042	-88.9%	3,640,415	2,900,099	25.5%	254,929	1,179,644	-78.4%	24,110,494	16,919,259	42.5%
FX Options	12,501	52,026	-76.0%	1,194,685	1,479,416	-19.2%	198,295	437,421	-54.7%	10,837,284	12,755,550	-15.0%
Commodities and Alternative Inve	2,023,032	3,009,950	-32.8%	4,326,293	4,719,118	-8.3%	13,336,173	16,148,729	-17.4%	28,528,190	23,989,905	18.9%
TOTAL OPTIONS	23,790,549	24,579,651	-3.2%	33,507,804	34,829,608	-3.8%	173,098,114	160,762,518	7.7%	249,682,082	208,045,751	20.0%

*** 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 Volume Comparison Report - Monthly

	Open Outcry JUL 2016	Open Outcry JUL 2015	% CHG	ELEC JUL 2016	ELEC JUL 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG
TOTAL COMBINED												
Interest Rate	21,345,249	20,666,390	3.3%	108,608,771	106,737,394	1.8%	155,724,024	145,264,791	7.2%	880,356,500	840,653,021	4.7%
Equity Index	1,098,534	1,375,635	-20.1%	49,940,522	54,262,234	-8.0%	9,323,195	7,718,341	20.8%	445,204,068	366,533,714	21.5%
Metals	54,324	145,992	-62.8%	9,453,545	7,771,122	21.6%	651,529	1,341,597	-51.4%	63,277,216	47,738,820	32.5%
Energy	10,091	93,231	-89.2%	36,645,932	32,503,744	12.7%	279,614	1,343,426	-79.2%	289,980,636	233,307,635	24.3%
FX	13,242	54,432	-75.7%	14,224,831	15,921,775	-10.7%	209,604	659,675	-68.2%	123,780,886	130,087,852	-4.8%
Commodities and Alternative Inve	2,151,956	3,267,521	-34.1%	24,224,121	27,310,928	-11.3%	14,143,677	18,897,927	-25.2%	192,256,187	170,052,268	13.1%
Foreign Exchange	0	0	0.0%	0	0	0.0%	6	0	0.0%	4	64	-93.8%
GRAND TOTAL	24,673,396	25,603,201	-3.6%	243,097,722	244,507,197	-0.6%	180,331,649	175,225,757	2.9%	1,994,855,497	1,788,373,374	11.5%

*** 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.