

CME Group Exchange Open Interest Report - Monthly

	Open Interest APR 2017	Open Interest APR 2016	% CHG	Open Interest MAR 2017	% CHG
Interest Rate Futures					
30-YR BOND	645,017	513,090	25.7%	632,384	2.0%
10-YR NOTE	3,232,357	2,689,202	20.2%	3,058,628	5.7%
5-YR NOTE	3,211,982	2,487,435	29.1%	2,982,596	7.7%
2-YR NOTE	1,383,120	1,046,599	32.2%	1,383,199	0.0%
FED FUND	1,649,265	958,305	72.1%	1,673,462	-1.4%
EURODOLLARS	13,253,945	10,184,171	30.1%	12,829,797	3.3%
5-YR SWAP RATE	26,076	30,347	-14.1%	27,152	-4.0%
2-YR SWAP RATE	0	76	-100.0%	0	-
10-YR SWAP RATE	29,832	25,213	18.3%	32,396	-7.9%
7-YR SWAP	0	0	-	0	-
1-MONTH EURODOLLAR	8,020	770	941.6%	4,043	98.4%
ULTRA T-BOND	735,458	621,932	18.3%	704,430	4.4%
30-YR SWAP RATE	1,078	1,294	-16.7%	880	22.5%
Ultra 10-Year Note	347,841	115,416	201.4%	337,406	3.1%
EURO 5YR BUNDLE	0	0	-	0	-
3YR BUNDLE	0	0	-	0	-
2YR BUNDLE	0	0	-	0	-
Interest Rate Options					
30-YR BOND	528,438	377,269	40.1%	498,630	6.0%
10-YR NOTE	3,021,980	2,088,958	44.7%	2,844,069	6.3%
5-YR NOTE	1,196,334	784,928	52.4%	1,343,529	-11.0%
2-YR NOTE	85,856	117,233	-26.8%	77,421	10.9%
FED FUND	2,876	22,681	-87.3%	2,876	0.0%
EURODOLLARS	25,629,889	27,219,103	-5.8%	21,971,635	16.6%
EURO MIDCURVE	17,950,331	9,504,372	88.9%	16,013,814	12.1%
ULTRA T-BOND	3,563	4,047	-12.0%	2,153	65.5%
Ultra 10-Year Note	194	400	-51.5%	1,806	-89.3%

***** 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 Open Interest Report - Monthly

	Open Interest APR 2017	Open Interest APR 2016	% CHG	Open Interest MAR 2017	% CHG
Equity Index Futures					
DJIA	0	0	-	0	-
MINI \$5 DOW	132,298	125,796	5.2%	128,693	2.8%
E-MINI S&P500	2,937,918	2,812,902	4.4%	2,833,526	3.7%
S&P 500	87,786	78,453	11.9%	77,282	13.6%
S&P 600 SMALLCAP EMINI	0	0	-	0	-
E-MINI MIDCAP	94,815	78,837	20.3%	90,156	5.2%
S&P 400 MIDCAP	0	0	-	0	-
S&P 500 GROWTH	18	20	-10.0%	19	-5.3%
S&P 500/VALUE	57,924	33,221	74.4%	53,047	9.2%
E-MINI RUSSELL 1000	332	20	1,560.0%	368	-9.8%
E-MINI NASDAQ 100	272,835	245,132	11.3%	238,856	14.2%
NASDAQ	0	0	-	0	-
NIKKEI 225 (\$) STOCK	39,112	35,868	9.0%	36,696	6.6%
NIKKEI 225 (YEN) STOCK	81,421	102,631	-20.7%	60,855	33.8%
DJ US REAL ESTATE	13,635	8,671	57.2%	13,169	3.5%
NASDAQ BIOTECH	324	0	-	324	0.0%
E-MICRO NIFTY	0	0	-	0	-
S&P CONSUMER DSCRTNRY SE	3,502	7,059	-50.4%	3,988	-12.2%
S&P HEALTH CARE SECTOR	8,396	3,705	126.6%	7,474	12.3%
S&P UTILITIES SECTOR	15,821	14,811	6.8%	12,556	26.0%
S&P CONSUMER STAPLES SECT	7,255	23,367	-69.0%	8,375	-13.4%
S&P TECHNOLOGY SECTOR	5,359	2,802	91.3%	5,252	2.0%
S&P INDUSTRIAL SECTOR	4,006	6,820	-41.3%	3,572	12.2%
S&P FINANCIAL SECTOR	13,086	5,655	131.4%	10,826	20.9%
S&P ENERGY SECTOR	6,029	1,918	214.3%	6,576	-8.3%
S&P MATERIALS SECTOR	3,710	1,387	167.5%	3,770	-1.6%
IBOVESPA INDEX	168	209	-19.6%	143	17.5%
E-MINI RUSSELL 1000 VALUE	1,167	787	48.3%	1,337	-12.7%
FT-SE 100	333	224	48.7%	146	128.1%
E-MINI RUSSELL 1000 GROWTH	352	38	826.3%	51	590.2%
E-MINI S&P REAL ESTATE SELE	2,565	0	-	2,156	19.0%
NIFTY 50	582	400	45.5%	1,586	-63.3%

***** 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 Open Interest Report - Monthly

	Open Interest APR 2017	Open Interest APR 2016	% CHG	Open Interest MAR 2017	% CHG
Equity Index Options					
DJIA	0	0	-	0	-
MINI \$5 DOW	6,350	15,414	-58.8%	6,378	-0.4%
E-MINI S&P500	1,506,796	2,917,441	-48.4%	1,131,567	33.2%
S&P 500	134,766	456,079	-70.5%	79,380	69.8%
E-MINI MIDCAP	0	0	-	0	-
E-MINI NASDAQ 100	40,961	66,312	-38.2%	44,416	-7.8%
NASDAQ	0	0	-	0	-
EOM S&P 500	37,246	178,521	-79.1%	18,810	98.0%
EOM EMINI S&P	642,793	548,639	17.2%	517,621	24.2%
EOW2 EMINI S&P 500	218,231	112,776	93.5%	218,604	-0.2%
EOW2 S&P 500	7,796	11,711	-33.4%	18,715	-58.3%
EOW1 EMINI S&P 500	457,452	343,719	33.1%	495,056	-7.6%
EOW1 S&P 500	79,338	39,311	101.8%	64,607	22.8%
EOW4 EMINI S&P 500	39,350	45,330	-13.2%	0	-
EOW3 EMINI S&P 500	1,216,566	262,876	362.8%	1,615,636	-24.7%
EOW3 S&P 500	182,003	112,127	62.3%	271,788	-33.0%
Metals Futures					
COMEX COPPER	248,692	178,814	39.1%	276,851	-10.2%
URANIUM	4,516	7,273	-37.9%	5,049	-10.6%
COMEX MINY COPPER	174	36	383.3%	130	33.8%
COMEX GOLD	474,139	553,560	-14.3%	419,515	13.0%
COMEX SILVER	200,033	201,872	-0.9%	217,076	-7.9%
NYMEX PLATINUM	67,693	64,072	5.7%	63,750	6.2%
NYMEX HOT ROLLED STEEL	11,858	21,914	-45.9%	12,733	-6.9%
PALLADIUM	36,731	22,801	61.1%	33,076	11.1%
E-MICRO GOLD	4,986	2,653	87.9%	4,499	10.8%
SILVER	578	564	2.5%	409	41.3%
COPPER	1,581	5,383	-70.6%	1,528	3.5%
FERROUS PRODUCTS	255	360	-29.2%	321	-20.6%
ALUMINUM	28,293	8,522	232.0%	29,882	-5.3%
GOLD	0	0	-	0	-
COMEX E-Mini GOLD	798	1,371	-41.8%	975	-18.2%
COMEX E-Mini SILVER	93	75	24.0%	121	-23.1%
IRON ORE 62 CHINA TSI FUTURE	19,025	24,071	-21.0%	18,448	3.1%
IRON ORE 58 CHINA TSI FUTURE	0	0	-	0	-
IRON ORE 62 CHINA PLATTS FU	1,152	100	1,052.0%	1,312	-12.2%
Aluminium MW Trans Prem Platts	33,811	27,328	23.7%	34,556	-2.2%
Gold Kilo	17	143	-88.1%	6	183.3%
LNDN ZINC	5	0	-	0	-
METALS	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 Open Interest Report - Monthly

	Open Interest APR 2017	Open Interest APR 2016	% CHG	Open Interest MAR 2017	% CHG
Metals Options					
COMEX COPPER	3,141	2,308	36.1%	2,646	18.7%
COMEX GOLD	984,047	1,153,395	-14.7%	978,852	0.5%
COMEX SILVER	105,294	131,206	-19.7%	108,239	-2.7%
NYMEX PLATINUM	4,790	5,902	-18.8%	2,748	74.3%
PALLADIUM	4,956	4,668	6.2%	3,496	41.8%
SILVER	11	0	0.0%	0	-
COPPER	0	0	-	0	-
GOLD	2,431	388	526.5%	1,877	29.5%
IRON ORE 62 CHINA TSI PUT OP	8,400	18,597	-54.8%	9,400	-10.6%
IRON ORE 62 CHINA TSI CALL O	13,201	18,616	-29.1%	12,006	10.0%
Energy Futures					
ETHANOL	4,750	4,824	-1.5%	5,100	-6.9%
ETHANOL FWD	180	132	36.4%	116	55.2%
MARS BLEND CRUDE OIL	2,559	1,215	110.6%	2,144	19.4%
HUSTN SHIP CHNL PIPE SWP	1,839	3,425	-46.3%	2,225	-17.3%
NATURAL GAS PHY	1,493,066	1,100,826	35.6%	1,383,409	7.9%
SOUTHERN NAT LA NAT GAS	0	0	-	0	-
COLUMBIA GULF MAIN NAT G	0	2,208	-100.0%	0	-
RBOB GASOLINE BALMO CLNDR	471	24	1,862.5%	343	37.3%
GASOLINE UP-DOWN BALMO SW	0	0	-	0	-
FUEL OIL (PLATS) CAR CN	0	81	-100.0%	0	-
FUEL OIL (PLATS) CAR CM	52	146	-64.4%	105	-50.5%
SINGAPORE MOGAS 92 UNLEAD	16,556	13,613	21.6%	18,327	-9.7%
ETHANOL T2 FOB ROTT INCL DU	4,100	3,600	13.9%	4,183	-2.0%
SINGAPORE MOGAS 92 UNLEAD	315	1,860	-83.1%	82	284.1%
JET AV FUEL (P) CAR FM ICE GA	21	19	10.5%	27	-22.2%
NY JET FUEL (PLATTS) HEAT OIL	0	0	-	0	-
PROPANE NON-LDH MB (OPIS) B	122	0	-	520	-76.5%
PROPANE NON-LDH MT. BEL (OF	28,099	27,613	1.8%	31,842	-11.8%
N ILLINOIS HUB DAILY	244	168	45.2%	186	31.2%
CINERGY HUB PEAK MONTH	288	414	-30.4%	288	0.0%
NO 2 UP-DOWN SPREAD CALEN	1,560	276	465.2%	1,535	1.6%
CIN HUB 5MW D AH O PK	362,840	350,680	3.5%	337,000	7.7%
NY 3.0% FUEL OIL (PLATTS	885	800	10.6%	535	65.4%
ARGUS LLS VS. WTI (ARG) T	12,872	12,675	1.6%	11,737	9.7%
TRANSCO ZONE 1 NG BASIS	0	0	-	0	-
SOUTH STAR TEX OKLHM KNS	248	1,000	-75.2%	464	-46.6%
NYISO ZONE A 5MW D AH PK	10,940	12,336	-11.3%	11,380	-3.9%
NEPOOL INTR HUB 5MW D AH	671,554	347,433	93.3%	652,163	3.0%
PJM COMED 5MW D AH O PK	68,925	254,140	-72.9%	103,035	-33.1%
NYISO ZONE A 5MW D AH O P	134,550	331,159	-59.4%	146,310	-8.0%
CHICAGO UNL GAS PL VS RBO	27	1,413	-98.1%	30	-10.0%
PREMIUM UNLEAD 10PPM FOB	14	53	-73.6%	5	180.0%
GASOIL 10P CRG CIF NW VS	0	0	-	0	-
GASOIL 0.1 RDAM BRGS VS I	135	78	73.1%	25	440.0%
PJM WESTHDA PEAK	47,338	73,870	-35.9%	50,990	-7.2%
PJM DAYTON DA PEAK	16,668	15,645	6.5%	18,098	-7.9%
PJM WESTH DA OFF-PEAK	833,902	1,345,764	-38.0%	898,582	-7.2%

*** 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 Open Interest Report - Monthly

	Open Interest APR 2017	Open Interest APR 2016	% CHG	Open Interest MAR 2017	% CHG
Energy Futures					
PJM PPL DA OFF-PEAK	0	46,085	-100.0%	0	-
PJM AECO DA OFF-PEAK	7,128	53,208	-86.6%	10,503	-32.1%
ULSD 10PPM CIF MED BALMO	0	35	-100.0%	0	-
GASOIL 0.1CIF MED VS ICE	45	5	800.0%	50	-10.0%
GASOIL 0.1 CIF VS ICE GAS	0	5	-100.0%	0	-
GASOIL 0.1 ROTTERDAM BARG	25	0	-	30	-16.7%
EUROPE NAPHTHA CALSWAP	2,901	1,468	97.6%	2,914	-0.4%
HENRY HUB SWING FUTURE	0	0	-	0	-
FL GAS ZONE 3 NAT GAS IND	0	0	-	0	-
GASOIL 0.1 CIF MED BALMO	0	0	-	0	-
BRENT BALMO SWAP	113	0	-	0	-
CIG ROCKIES NG INDEX SWA	720	0	-	720	0.0%
PJM PECO ZONE5MW PEAK CAL	0	0	-	0	-
NY ULSD (ARGUS) VS HEATING	1,630	1,577	3.4%	2,601	-37.3%
N ROCKIES PIPE SWAP	426	729	-41.6%	456	-6.6%
GASOIL MINI CALENDAR SWAP	348	787	-55.8%	402	-13.4%
BRENT OIL LAST DAY	133,694	159,379	-16.1%	131,625	1.6%
SAN JUAN PIPE SWAP	0	0	-	0	-
EUROPEAN NAPHTHA BALMO	351	152	130.9%	398	-11.8%
EURO 3.5% FUEL OIL RDAM B	345	562	-38.6%	499	-30.9%
LLS (ARGUS) CALENDAR SWAP	0	0	-	0	-
LA CARB DIESEL (OPIS) SWA	160	1,645	-90.3%	227	-29.5%
GULF COAST ULSD CALENDAR	3,024	4,804	-37.1%	3,176	-4.8%
CENTERPOINT EAST INDEX	0	0	-	0	-
CENTERPOINT BASIS SWAP	15,644	21,836	-28.4%	16,400	-4.6%
WTI-BRENT CALENDAR SWAP	40,393	70,783	-42.9%	41,192	-1.9%
EURO GASOIL 10PPM VS ICE	252	823	-69.4%	263	-4.2%
BRENT CALENDAR SWAP	16,387	16,964	-3.4%	17,106	-4.2%
MINY HTG OIL	1	2	-50.0%	0	-
FUELOIL SWAP:CARGOES VS.B	914	1,483	-38.4%	1,013	-9.8%
DOMINION TRAN INC - APP I	2,920	8,136	-64.1%	2,920	0.0%
TENNESSEE ZONE 0 BASIS SW	972	1,520	-36.1%	1,032	-5.8%
PJM OFF-PEAK LMP SWAP FUT	888	3,292	-73.0%	944	-5.9%
AEP-DAYTON HUB OFF-PEAK M	450	1,275	-64.7%	500	-10.0%
AEP-DAYTON HUB DAILY	150	282	-46.8%	212	-29.2%
EASTERN RAIL DELIVERY CSX	1,229	2,742	-55.2%	1,301	-5.5%
HTG OIL	229	3,362	-93.2%	200	14.5%
EUROPE 3.5% FUEL OIL MED	711	1,309	-45.7%	907	-21.6%
WAHA INDEX SWAP FUTURE	0	5,426	-100.0%	248	-100.0%
EL PASO PERMIAN INDEX SWA	0	0	-	0	-
HEATING OIL PHY	419,910	388,421	8.1%	421,066	-0.3%
PJM MONTHLY	3,092	10,748	-71.2%	3,324	-7.0%
NY HARBOR HEAT OIL SWP	10,595	14,488	-26.9%	11,124	-4.8%
TCO BASIS SWAP	23,753	42,294	-43.8%	22,809	4.1%
DOMINION TRANSMISSION INC	57,756	42,256	36.7%	60,943	-5.2%
NYISO A	0	3,882	-100.0%	0	-
MINY NATURAL GAS	1,364	2,765	-50.7%	1,308	4.3%
TRANSCO ZONE 6 BASIS SWAP	7,465	5,697	31.0%	8,411	-11.2%
NYH NO 2 CRACK SPREAD CAL	9,397	13,672	-31.3%	9,433	-0.4%
JAPAN C&F NAPHTHA CRACK S	1,347	1,279	5.3%	1,095	23.0%
PERMIAN BASIS SWAP	17,946	18,161	-1.2%	18,902	-5.1%

***** 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 Open Interest Report - Monthly

	Open Interest APR 2017	Open Interest APR 2016	% CHG	Open Interest MAR 2017	% CHG
Energy Futures					
NY HARBOR RESIDUAL FUEL 1	5,147	7,253	-29.0%	5,380	-4.3%
GULF COAST NO.6 FUEL OIL	53,353	71,309	-25.2%	55,944	-4.6%
NGPL MID-CONTINENT	28,344	42,149	-32.8%	29,184	-2.9%
NYISO J	1,251	4,950	-74.7%	1,366	-8.4%
NYISO G	0	382	-100.0%	0	-
ARGUS PROPAN(SAUDI ARAMC	812	903	-10.1%	781	4.0%
JAPAN NAPHTHA BALMO SWAP	607	20	2,935.0%	30	1,923.3%
EUROPE JET KERO NWE CALSW	48	38	26.3%	36	33.3%
JET CIF NWE VS ICE	486	400	21.5%	452	7.5%
RBOB PHY	404,800	387,773	4.4%	389,241	4.0%
RBOB GAS	1,224	2,561	-52.2%	1,174	4.3%
GASOIL 0.1 CIF NWE VS ISE	0	0	-	0	-
NY1% VS GC SPREAD SWAP	6,165	6,061	1.7%	7,825	-21.2%
GULF COAST 3% FUEL OIL BA	1,226	980	25.1%	543	125.8%
EUROPE 3.5% FUEL OIL RDM	10,941	8,444	29.6%	12,219	-10.5%
FUEL OIL NWE CRACK VS ICE	0	171	-100.0%	0	-
DIESEL 10P BRG FOB RDM VS	0	0	-	0	-
TRANSCO ZONE 6 INDEX	1,712	3,082	-44.5%	1,960	-12.7%
SONAT BASIS SWAP FUTURE	490	4,348	-88.7%	550	-10.9%
PANHANDLE BASIS SWAP FUTU	32,822	42,899	-23.5%	34,969	-6.1%
NGPL MIDCONTINENT INDEX	0	4,280	-100.0%	0	-
DUBAI CRUDE OIL CALENDAR	18,275	2,336	682.3%	21,377	-14.5%
CRUDE OIL PHY	2,208,206	1,762,348	25.3%	2,240,224	-1.4%
CINERGY HUB OFF-PEAK MONT	128	608	-78.9%	132	-3.0%
ANR LOUISIANA BASIS SWAP	0	736	-100.0%	0	-
TRANSCO ZONE4 BASIS SWAP	21,952	39,390	-44.3%	23,116	-5.0%
FLORIDA GAS ZONE3 BASIS S	0	1,105	-100.0%	0	-
SINGAPORE NAPHTHA SWAP	0	0	-	0	-
SINGAPORE JET KEROSENE SW	3,035	2,044	48.5%	3,785	-19.8%
SINGAPORE 380CST FUEL OIL	15,169	8,594	76.5%	16,232	-6.5%
AEP-DAYTON HUB MTHLY	630	1,541	-59.1%	700	-10.0%
N ILLINOIS HUB MTHLY	180	420	-57.1%	200	-10.0%
ISO NEW ENGLAND OFF-PEAK	126	510	-75.3%	140	-10.0%
NYISO G OFF-PEAK	0	210	-100.0%	0	-
NYISO A OFF-PEAK	0	1,180	-100.0%	0	-
TC2 ROTTERDAM TO USAC 37K	0	0	-	0	-
EUROPE DATED BRENT SWAP	362	6,355	-94.3%	369	-1.9%
WESTERN RAIL DELIVERY PRB	1,240	3,465	-64.2%	1,445	-14.2%
NATURAL GAS PEN SWP	244,427	313,044	-21.9%	277,555	-11.9%
SINGAPORE GASOIL VS ICE	27,361	4,815	468.2%	28,341	-3.5%
JET BARGES VS ICE GASOIL	0	14	-100.0%	0	-
SOCAL PIPE SWAP	0	3,360	-100.0%	0	-
SINGAPORE 180CST BALMO	100	161	-37.9%	66	51.5%
MONT BELVIEU LDH PROPANE 5	104,772	122,510	-14.5%	109,507	-4.3%
MONT BELVIEU ETHANE 5 DECI	84,937	62,272	36.4%	87,457	-2.9%
MONT BELVIEU NORMAL BUTAN	38,968	33,085	17.8%	38,437	1.4%
WAHA BASIS	9,715	14,532	-33.1%	10,229	-5.0%
PREM UNL GAS 10PPM RDM F	17	139	-87.8%	32	-46.9%
PREM UNL GAS 10PPM RDM F	0	0	-	7	-100.0%
HENRY HUB SWAP	1,267,805	1,390,417	-8.8%	1,278,678	-0.9%
HENRY HUB BASIS SWAP	38,846	71,902	-46.0%	43,535	-10.8%

*** 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 Open Interest Report - Monthly

	Open Interest APR 2017	Open Interest APR 2016	% CHG	Open Interest MAR 2017	% CHG
Energy Futures					
CHICAGO ETHANOL SWAP	54,394	46,546	16.9%	56,875	-4.4%
PJM WESTH RT OFF-PEAK	2,486,980	3,968,290	-37.3%	2,167,840	14.7%
PJM JCPL DA OFF-PEAK	7,920	54,720	-85.5%	11,670	-32.1%
PJM DAYTON DA OFF-PEAK	201,628	193,665	4.1%	211,428	-4.6%
PJM AD HUB 5MW REAL TIME	687,058	1,351,889	-49.2%	730,389	-5.9%
NEPOOL SE MASS 5MW D AH P	0	0	-	0	-
ISO NEW ENGLAND PK LMP	153	539	-71.6%	170	-10.0%
CRUDE OIL	22,631	25,667	-11.8%	23,182	-2.4%
EUROPEAN NAPHTHA CRACK SP	10,481	9,977	5.1%	10,726	-2.3%
GASOIL CRACK SPREAD CALEN	21,056	7,190	192.9%	20,581	2.3%
ICE BRENT DUBAI SWAP	31,233	2,235	1,297.4%	20,433	52.9%
BRENT FINANCIAL FUTURES	1,131	7,169	-84.2%	1,101	2.7%
DEMARC SWING SWAP	0	0	-	0	-
NGPL MIDCONTINENT SWING S	0	0	-	0	-
GASOIL CALENDAR SWAP	75	187	-59.9%	65	15.4%
EURO 3.5% FUEL OIL SPREAD	1,907	846	125.4%	2,219	-14.1%
NYMEX ALUMINUM FUTURES	880	1,182	-25.5%	1,064	-17.3%
NY HARBOR RESIDUAL FUEL C	0	0	-	0	-
GULF COAST JET VS NYM 2 H	33,118	34,763	-4.7%	36,351	-8.9%
SOCAL BASIS SWAP	0	0	-	0	-
SAN JUAN BASIS SWAP	32,405	28,197	14.9%	34,355	-5.7%
EUROPE 1% FUEL OIL RDAM C	16	137	-88.3%	10	60.0%
GULF COAST GASOLINE CLNDR	0	0	-	0	-
Transco Zone 3 Basis	6,282	8,404	-25.2%	6,310	-0.4%
Tetco STX Basis	1,465	3,388	-56.8%	1,555	-5.8%
COLUMBIA GULF ONSHORE	11,515	24,627	-53.2%	12,925	-10.9%
PJM DAILY	758	810	-6.4%	606	25.1%
CIG BASIS	40,111	42,010	-4.5%	42,327	-5.2%
NORTHERN NATURAL GAS VENTL	4,116	4,206	-2.1%	4,504	-8.6%
TEXAS EASTERN ZONE M-3 BA	19,167	23,857	-19.7%	21,027	-8.8%
MICHIGAN BASIS	10,259	11,956	-14.2%	10,919	-6.0%
ANR OKLAHOMA	3,052	6,293	-51.5%	3,262	-6.4%
LA JET FUEL VS NYM NO 2 H	0	612	-100.0%	25	-100.0%
RBOB UP-DOWN CALENDAR SW	0	0	-	0	-
RBOB CALENDAR SWAP	10,847	12,122	-10.5%	10,643	1.9%
MINY RBOB GAS	0	0	-	0	-
GAS EURO-BOB OXY NWE BARG	6,065	8,067	-24.8%	5,723	6.0%
GAS EURO-BOB OXY NWE BARG	33,101	34,432	-3.9%	29,810	11.0%
PETRO OUTRIGHT EURO	16,583	18,191	-8.8%	17,599	-5.8%
DATED BRENT (PLATTS) DAILY S	0	0	-	0	-
LA CARBOB GASOLINE(OPIS)S	150	1,100	-86.4%	200	-25.0%
EURO PROPANE CIF ARA SWA	1,139	1,546	-26.3%	1,323	-13.9%
GASOIL BULLET SWAP	0	0	-	0	-
NEW YORK ETHANOL SWAP	645	3,075	-79.0%	730	-11.6%
LA CARB DIESEL (OPIS)	39	143	-72.7%	52	-25.0%
DEMARC INDEX FUTURE	0	0	-	0	-
WTI CALENDAR	130,805	131,378	-0.4%	129,462	1.0%
APPALACHIAN COAL (PHY)	0	60	-100.0%	0	-
ROCKIES KERN OPAL - NW IN	0	736	-100.0%	0	-
NEW ENGLAND HUB PEAK DAIL	1,122	1,545	-27.4%	1,331	-15.7%
HOUSTON SHIP CHANNEL INDE	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 Open Interest Report - Monthly

	Open Interest APR 2017	Open Interest APR 2016	% CHG	Open Interest MAR 2017	% CHG
Energy Futures					
NORTHERN NATURAL GAS DEMA	2,686	2,051	31.0%	2,758	-2.6%
TENNESSEE 500 LEG BASIS S	734	1,774	-58.6%	1,094	-32.9%
EAST/WEST FUEL OIL SPREAD	964	360	167.8%	876	10.0%
NYISO J OFF-PEAK	270	858	-68.5%	300	-10.0%
TC5 RAS TANURA TO YOKOHAM	0	15	-100.0%	0	-
WTI-BRENT BULLET SWAP	904	0	-	904	0.0%
EURO GASOIL 10 CAL SWAP	0	0	-	0	-
HENRY HUB INDEX SWAP FUTU	30,126	46,620	-35.4%	30,153	-0.1%
Sumas Basis Swap	7,802	10,885	-28.3%	8,414	-7.3%
RBOB CRACK SPREAD	2,079	5,246	-60.4%	2,034	2.2%
CIN HUB 5MW D AH PK	18,395	22,080	-16.7%	16,931	8.6%
TEXAS GAS ZONE1 NG BASIS	11,228	15,173	-26.0%	11,904	-5.7%
SINGAPORE GASOIL SWAP	18,743	7,528	149.0%	19,863	-5.6%
GULF COAST JET FUEL CLNDR	1,081	894	20.9%	1,071	0.9%
ULSD 10PPM CIF MED VS ICE	33	84	-60.7%	21	57.1%
PJM BGE DA OFF-PEAK	33,552	38,232	-12.2%	33,927	-1.1%
SINGAPORE 380CST BALMO	307	103	198.1%	158	94.3%
LTD NAT GAS	372,418	270,780	37.5%	377,909	-1.5%
NORTHWEST ROCKIES BASIS S	60,325	81,415	-25.9%	63,077	-4.4%
SING FUEL	10	5	100.0%	15	-33.3%
CIN HUB 5MW REAL TIME O P	583,048	950,600	-38.7%	622,688	-6.4%
NYISO ZONE C 5MW D AH PK	0	955	-100.0%	0	-
NEPOOL NE MASS 5MW D AH O	0	0	-	0	-
NEPOOL NE MASS 5MW D AH P	0	640	-100.0%	0	-
NEPOOL SE MASS 5MW D AH O	0	0	-	0	-
NEPOOL CNCTCT 5MW D AH O	3,561	16,621	-78.6%	3,936	-9.5%
NEPOOL CONECTIC 5MW D AH	190	889	-78.6%	213	-10.8%
NEPOOL W CNT MASS 5MW D A	7,122	43,092	-83.5%	7,872	-9.5%
PJM COMED 5MW D AH PK	3,695	15,530	-76.2%	5,685	-35.0%
NYISO ZONE J 5MW D AH O P	301,261	140,485	114.4%	279,821	7.7%
NYISO ZONE J 5MW D AH PK	18,311	13,867	32.0%	17,498	4.6%
PJM NI HUB 5MW REAL TIME	1,407,774	1,330,682	5.8%	1,649,380	-14.6%
NYISO ZONE C 5MW D AH O P	0	17,725	-100.0%	0	-
ONEOK OKLAHOMA NG BASIS	1,295	4,021	-67.8%	1,325	-2.3%
COLUMB GULF MAINLINE NG B	14,152	37,926	-62.7%	15,350	-7.8%
PANHANDLE PIPE SWAP	864	0	-	864	0.0%
TRANSCO ZONE 4 NAT GAS IN	465	496	-6.2%	0	-
ELEC MISO PEAK	975	2,735	-64.4%	1,067	-8.6%
ELEC NYISO OFF-PEAK	14,244	50,689	-71.9%	15,744	-9.5%
WTS (ARGUS) VS WTI SWAP	49,104	29,816	64.7%	47,802	2.7%
RBOB CRACK SPREAD BALMO S	0	0	-	0	-
CAISO SP15 EZGNHUB5 MW P	5,150	0	-	6,450	-20.2%
NY 2.2% FUEL OIL (PLATTS	0	0	-	0	-
EIA FLAT TAX ONHWAY DIESE	3,986	5,524	-27.8%	4,351	-8.4%
JET FUEL UP-DOWN BALMO CL	5,893	4,073	44.7%	10,656	-44.7%
ULSD UP-DOWN BALMO SWP	2,665	4,625	-42.4%	3,685	-27.7%
EUROPEAN GASOIL (ICE)	2,504	2,905	-13.8%	2,852	-12.2%
NYISO ZONE G 5MW D AH O P	363,509	352,349	3.2%	348,341	4.4%
PJM PEPKO DA OFF-PEAK	0	0	-	0	-
NY H OIL PLATTS VS NYMEX	0	4	-100.0%	0	-
GASOIL 10PPM VS ICE SWAP	905	176	414.2%	954	-5.1%

***** 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 Open Interest Report - Monthly

	Open Interest APR 2017	Open Interest APR 2016	% CHG	Open Interest MAR 2017	% CHG
Energy Futures					
NY HARBOR 1% FUEL OIL BAL	25	0	-	0	-
LA JET (OPIS) SWAP	2,315	2,342	-1.2%	2,070	11.8%
PJM AECO DA PEAK	378	2,883	-86.9%	585	-35.4%
GASOIL 10PPM CARGOES CIF	0	0	-	0	-
TETCO M-3 INDEX	5,992	10,098	-40.7%	5,992	0.0%
SINGAPORE JET KERO GASOIL	6,230	3,280	89.9%	7,085	-12.1%
SINGAPORE FUEL OIL SPREAD	1,694	1,058	60.1%	1,590	6.5%
NORTHERN ILLINOIS OFF-PEA	0	740	-100.0%	0	-
NEW YORK HUB ZONE G PEAK	1,364	2,342	-41.8%	1,550	-12.0%
SINGAPORE FUEL 180CST CAL	2,147	2,024	6.1%	2,290	-6.2%
EUROPE 1% FUEL OIL NWE CA	209	430	-51.4%	260	-19.6%
Tetco ELA Basis	0	0	-	0	-
ULSD 10PPM CIF MED SWAP	5	42	-88.1%	0	-
GASOIL 0.1 CIF MED SWAP	0	20	-100.0%	0	-
MICHCON NG INDEX SWAP	0	0	-	0	-
TRANSCO ZONE 3 NG INDEX S	6,256	0	-	0	-
TCO NG INDEX SWAP	0	2,200	-100.0%	0	-
ALGONQUIN CITYGATES BASIS	1,620	2,259	-28.3%	1,800	-10.0%
PJM WESTH RT PEAK	146,990	224,367	-34.5%	153,990	-4.5%
PJM PSEG DA OFF-PEAK	120,960	140,400	-13.8%	122,835	-1.5%
PJM PSEG DA PEAK	5,100	5,100	0.0%	5,100	0.0%
PJM PPL DA PEAK	0	2,483	-100.0%	0	-
PJM JCPL DA PEAK	420	2,970	-85.9%	650	-35.4%
PJM BGE DA PEAK	1,827	2,082	-12.2%	1,850	-1.2%
JET FUEL BRG FOB RDM VS I	0	0	-	0	-
DATED TO FRONTLINE BRENT	8,605	9,463	-9.1%	8,745	-1.6%
NEPOOL W CNTR M 5MW D AH	480	4,008	-88.0%	641	-25.1%
TENNESSEE 800 LEG NG BASI	368	1,716	-78.6%	428	-14.0%
UP DOWN GC ULSD VS NMX HO	44,727	68,126	-34.3%	42,543	5.1%
USGC UNL 87 CRACK SPREAD	0	0	-	0	-
GULF COAST ULSD CRACK SPR	2,248	7,926	-71.6%	2,473	-9.1%
NYMEX ULSD VS NYMEX HO	0	375	-100.0%	0	-
RBOB VS HEATING OIL SWAP	4,261	2,796	52.4%	4,750	-10.3%
NYISO ZONE G 5MW D AH PK	22,771	22,883	-0.5%	22,310	2.1%
GASOIL 0.1 BRGS FOB VS IC	0	5	-100.0%	0	-
ULSD 10PPM CIF VS ICE GAS	0	0	-	0	-
SINGAPORE NAPHTHA BALMO	0	0	-	0	-
ARGUS PROPAN FAR EST INDE	1,677	1,842	-9.0%	1,747	-4.0%
3.5% FUEL OIL CID MED SWA	607	1,117	-45.7%	732	-17.1%
JET FUEL CRG CIF NEW VS I	0	0	-	0	-
BRENT CFD SWAP	0	0	-	0	-
GASOIL 0.1 CRG CIF NW VS	0	0	-	0	-
PREMIUM UNLD 10P FOB MED	110	617	-82.2%	150	-26.7%
EURO 1% FUEL OIL NEW BALM	5	0	-	0	-
DUBAI CRUDE OIL BALMO	0	0	-	0	-
SINGAPORE JET KERO BALMO	0	0	-	0	-
WTS (ARGUS) VS WTI TRD MT	1,285	3,790	-66.1%	1,720	-25.3%
MARS (ARGUS) VS WTI TRD M	23,416	7,732	202.8%	23,852	-1.8%
MARS (ARGUS) VS WTI SWAP	12,199	14,925	-18.3%	13,403	-9.0%
GASOIL 0.1 CARGOES CIF NE	0	0	-	0	-
NATURAL GAS	122,843	104,005	18.1%	124,313	-1.2%

***** 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 Open Interest Report - Monthly

	Open Interest APR 2017	Open Interest APR 2016	% CHG	Open Interest MAR 2017	% CHG
Energy Futures					
NGPL TEXOK INDEX	0	0	-	0	-
FUEL OIL CRACK VS ICE	20,392	19,710	3.5%	20,445	-0.3%
HEATING OIL VS ICE GASOIL	0	0	-	0	-
HOUSTON SHIP CHANNEL BASI	22,299	24,808	-10.1%	22,471	-0.8%
LLS (ARGUS) VS WTI SWAP	27,433	39,236	-30.1%	26,860	2.1%
JAPAN C&F NAPHTHA SWAP	2,407	1,516	58.8%	1,801	33.6%
MINY WTI CRUDE OIL	4,150	4,715	-12.0%	4,375	-5.1%
CIN HUB 5MW REAL TIME PK	48,821	51,571	-5.3%	48,540	0.6%
PJM NILL DA PEAK	61,039	29,834	104.6%	50,615	20.6%
PANHANDLE INDEX SWAP FUTU	0	0	-	0	-
PJM NILL DA OFF-PEAK	1,330,781	558,070	138.5%	993,883	33.9%
PETROCHEMICALS	8,343	7,626	9.4%	8,612	-3.1%
IN DELIVERY MONTH EUA	10,598	47,750	-77.8%	10,748	-1.4%
MONT BELVIEU NORMAL BUTAN	405	165	145.5%	1,635	-75.2%
MONT BELVIEU NATURAL GASO	155	168	-7.7%	210	-26.2%
CONWAY NORMAL BUTANE (OPI	3,057	405	654.8%	2,410	26.8%
CONWAY PROPANE 5 DECIMALS	13,750	17,524	-21.5%	14,340	-4.1%
MONT BELVIEU NATURAL GASO	10,909	16,356	-33.3%	12,686	-14.0%
CONWAY NATURAL GASOLINE (905	695	30.2%	933	-3.0%
MONT BELVIEU LDH PROPANE C	1,366	107	1,176.6%	774	76.5%
MONT BELVIEU ETHANE OPIS B	200	65	207.7%	75	166.7%
SINGAPORE JET KERO VS. GAS	0	0	-	0	-
ERCOT NORTH ZMCP 5MW PE	0	1,190	-100.0%	400	-100.0%
ERCOT NORTH ZMCP 5MW OF	0	15,805	-100.0%	0	-
ERCOT NORTH ZMCP 5MW OF	0	600	-100.0%	0	-
RBOB (PLATTS) CAL SWAP	0	0	-	0	-
PJM DUQUESNE 5MW D AH PK	0	0	-	0	-
PJM DUQUS 5MW D AH O PK	0	0	-	0	-
GRP THREE ULSD(PLT)VS HEA	7,272	6,090	19.4%	5,303	37.1%
GRP THREE UNL GS (PLT) VS	3,485	4,656	-25.2%	3,775	-7.7%
HEATING OIL CRCK SPRD BAL	0	0	-	0	-
CHICAGO ULSD PL VS HO SPR	1,512	2,227	-32.1%	1,519	-0.5%
PETRO CRK&SPRD EURO	18,947	17,092	10.9%	19,631	-3.5%
CRUDE OIL OUTRIGHTS	41,205	16,781	145.5%	32,891	25.3%
PJM WES HUB PEAK LMP 50 M	0	0	-	0	-
FREIGHT MARKETS	934	822	13.6%	998	-6.4%
MCCLOSKEY ARA ARGS COAL	71,156	130,144	-45.3%	72,640	-2.0%
MNC FUT	5,211	5,046	3.3%	4,871	7.0%
MCCLOSKEY RCH BAY COAL	12,545	29,214	-57.1%	13,771	-8.9%
CRUDE OIL SPRDS	28,612	5,768	396.0%	24,920	14.8%
ELEC FINSETTLED	2,484	3,759	-33.9%	2,599	-4.4%
ELECTRICITY OFF PEAK	45,869	69,269	-33.8%	47,744	-3.9%
PETRO OUTRIGHT NA	18,367	12,637	45.3%	20,036	-8.3%
TRANSCO ZONE 6 PIPE SWAP	0	0	-	0	-
ALGON CITY GATES NAT GAS	1,712	1,712	0.0%	1,960	-12.7%
NEPOOL NEW HAMP 5MW D AH	0	0	-	0	-
PJM APS ZONE DA OFF-PEAK	0	10,635	-100.0%	0	-
NAT GAS BASIS SWAP	11,257	7,933	41.9%	11,855	-5.0%
RBOB SPREAD (PLATTS) SWAP	24	80	-70.0%	27	-11.1%
NGPL TEX/OK	33,156	58,142	-43.0%	35,586	-6.8%
NEPOOL RHD ISLD 5MW D AH	950	7,897	-88.0%	1,226	-22.5%

***** 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.

CME Group Exchange Open Interest Report - Monthly

	Open Interest APR 2017	Open Interest APR 2016	% CHG	Open Interest MAR 2017	% CHG
Energy Futures					
HEATING OIL BALMO CLNDR S	195	45	333.3%	175	11.4%
PJM APS ZONE DA PEAK	0	573	-100.0%	0	-
SINGAPORE GASOIL CALENDAR	970	140	592.9%	740	31.1%
GC ULSD VS GC JET SPREAD	0	0	-	0	-
ELEC ERCOT OFF PEAK	0	0	-	0	-
ELEC ERCOT DLY PEAK	120	42	185.7%	60	100.0%
PETROLEUM PRODUCTS ASIA	2,380	2,046	16.3%	2,210	7.7%
PETRO CRCKS & SPRDS NA	83,553	88,216	-5.3%	81,857	2.1%
SINGAPORE GASOIL	10,461	5,650	85.2%	10,774	-2.9%
ONTARIO POWER SWAPS	34,150	127,423	-73.2%	37,670	-9.3%
PLASTICS	1,501	1,849	-18.8%	1,433	4.7%
MJC FUT	285	353	-19.3%	323	-11.8%
TENN 800 LEG NAT GAS INDE	0	1,037	-100.0%	0	-
NEPOOL RHODE IL 5MW D AH	17,805	121,255	-85.3%	22,305	-20.2%
PETROLEUM PRODUCTS	5,821	592	883.3%	6,664	-12.7%
PJM ATSI ELEC	82,690	24,675	235.1%	84,680	-2.4%
COAL SWAP	345	474	-27.2%	280	23.2%
MGN1 SWAP FUT	494	641	-22.9%	474	4.2%
PETRO CRCKS & SPRDS ASIA	64	225	-71.6%	319	-79.9%
INDIANA MISO	32,644	67,112	-51.4%	27,672	18.0%
MICHIGAN MISO	180,520	234,740	-23.1%	198,705	-9.2%
NYISO CAPACITY	3,380	4,608	-26.6%	3,890	-13.1%
GROUP THREE ULSD (PLATTS)	225	0	-	250	-10.0%
EURO-DENOMINATED PETRO P	440	0	-	0	-
AUSTRIALIAN COKE COAL	806	820	-1.7%	896	-10.0%
DAILY PJM	319,647	261,780	22.1%	296,391	7.8%
EMMISSIONS	0	0	-	0	-
UCM FUT	55	75	-26.7%	41	34.1%
INDONESIAN COAL	0	45	-100.0%	0	-
NEW YORK HUB ZONE J PEAK	803	971	-17.3%	851	-5.6%
DLY GAS EURO-BOB OXY	0	0	-	0	-
NATURAL GAS INDEX	1,336	610	119.0%	1,708	-21.8%
MGF FUT	163	100	63.0%	148	10.1%
CHICAGO ULSD (PLATTS) SWA	0	27	-100.0%	0	-
NATURAL GAS FIXED PRICE SW	900	6,429	-86.0%	1,080	-16.7%
3.5% FUEL OIL CIF BALMO S	50	20	150.0%	5	900.0%
MINI RBOB V. EBOB(ARGUS) NW	3,097	1,833	69.0%	2,688	15.2%
SUMAS NAT GAS PLATTS FIXED	490	1,527	-67.9%	550	-10.9%
NY HARBOR LOW SULPUR GAS	1,440	1,275	12.9%	1,522	-5.4%
DY EURO 3.5% FUEL OI RDA	0	0	-	0	-
DIESEL10PPM BARG VS ICE LS	0	0	-	0	-
VENTURA NAT GAS PLATTS FIX	0	0	-	0	-
COLUMBIA GULF NAT GAS FIXE	0	0	-	0	-
MJB FUT	0	0	-	0	-
CENTER POINT NAT GAS FIXED	0	0	-	0	-
MINI RBOB V. EBOBARG NWE BF	188	0	-	0	-
ELEC ERCOT DLY OFF PK	0	0	-	0	-
EU LOW SULPHUR GASOIL CRA	0	0	-	0	-
CANADIAN LIGHT SWEET OIL	6,564	3,835	71.2%	7,480	-12.2%
CRUDE OIL TRADE AT MARKER	0	0	0.0%	0	0.0%
MINI GAS EUROBOB OXY NWE A	479	375	27.7%	438	9.4%

***** 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 Open Interest Report - Monthly

	Open Interest APR 2017	Open Interest APR 2016	% CHG	Open Interest MAR 2017	% CHG
Energy Futures					
ELEC WEST POWER PEAK	1,300	0	-	2,600	-50.0%
CAISO SP15 EZGNHUB5 PEAK	1,850	0	-	1,250	48.0%
ELEC WEST POWER OFF-PEAK	1,550	0	-	1,250	24.0%
Energy Options					
ETHANOL	310	25	1,140.0%	305	1.6%
EUROPEAN JET KEROSENE NW	0	60	-100.0%	0	-
HUSTN SHIP CHNL PIPE SWP	0	0	-	0	-
NATURAL GAS PHY	2,626,450	2,891,483	-9.2%	2,689,054	-2.3%
NATURAL GAS 3 M CSO FIN	13,376	33,235	-59.8%	9,150	46.2%
NATURAL GAS 1 M CSO FIN	82,050	5,500	1,391.8%	30,600	168.1%
WTI CRUDE OIL 1 M CSO FI	296,438	384,625	-22.9%	312,764	-5.2%
SINGAPORE JET FUEL CALEND	630	1,200	-47.5%	760	-17.1%
ROTTERDAM 3.5%FUEL OIL CL	420	270	55.6%	480	-12.5%
NYMEX EUROPEAN GASOIL APO	0	405	-100.0%	0	0.0%
N ROCKIES PIPE SWAP	4,230	4,590	-7.8%	3,780	11.9%
BRENT OIL LAST DAY	60,450	55,923	8.1%	87,152	-30.6%
SAN JUAN PIPE SWAP	3,824	1,310	191.9%	3,642	5.0%
BRENT CALENDAR SWAP	14,157	55,747	-74.6%	15,351	-7.8%
HEATING OIL PHY	54,730	75,640	-27.6%	51,075	7.2%
PJM MONTHLY	0	0	-	0	-
NY HARBOR HEAT OIL SWP	28,852	46,151	-37.5%	28,920	-0.2%
NG HH 3 MONTH CAL	0	250	-100.0%	0	-
RBOB PHY	28,239	41,325	-31.7%	17,712	59.4%
RBOB 1MO CAL SPD OPTIONS	0	1,350	-100.0%	0	-
NYMEX EUROPEAN GASOIL OPT	0	0	-	0	-
PGE CITYGATE PIPE SWAP	0	0	-	0	-
CRUDE OIL PHY	3,163,350	3,149,505	0.4%	3,022,813	4.6%
WTI 12 MONTH CALENDAR OPT	0	0	-	0	-
CRUDE OIL 1MO	731,165	481,163	52.0%	775,585	-5.7%
SOCAL PIPE SWAP	0	6,000	-100.0%	0	-
HENRY HUB FINANCIAL LAST	10,569	5,914	78.7%	10,445	1.2%
HO 1 MONTH CLNDR OPTIONS	1,300	800	62.5%	0	-
CRUDE OIL APO	299,347	305,926	-2.2%	290,847	2.9%
RBOB CALENDAR SWAP	1,551	1,207	28.5%	1,179	31.6%
PETRO OUTRIGHT EURO	300	75	300.0%	300	0.0%
WTI-BRENT BULLET SWAP	146,400	10,500	1,294.3%	157,620	-7.1%
PANHANDLE PIPE SWAP	2,880	0	-	2,880	0.0%
NATURAL GAS OPTION ON CALE	6,078	14,186	-57.2%	5,958	2.0%
ELEC MISO PEAK	0	420	-100.0%	0	-
SINGAPORE FUEL OIL 180 CS	0	0	-	0	-
NATURAL GAS	250	0	-	0	-
NYISO ZONE G 5MW PEAK OPTI	14,910	0	-	14,910	0.0%
PETROCHEMICALS	7,769	10,565	-26.5%	8,420	-7.7%
PJM CALENDAR STRIP	0	0	-	0	-
APPALACHIAN COAL	0	0	-	0	-
CRUDE OIL OUTRIGHTS	150	2,340	-93.6%	150	0.0%
MCCLOSKEY ARA ARGS COAL	1,020	4,320	-76.4%	1,070	-4.7%
MCCLOSKEY RCH BAY COAL	0	1,800	-100.0%	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 Open Interest Report - Monthly

	Open Interest APR 2017	Open Interest APR 2016	% CHG	Open Interest MAR 2017	% CHG
Energy Options					
ELEC FINSETTLED	0	105	-100.0%	0	-
ELECTRICITY OFF PEAK	0	0	-	0	-
NATURAL GAS 5 M CSO FIN	0	0	-	2,325	-100.0%
HEATING OIL CRK SPD AVG PRI	0	0	-	0	-
NATURAL GAS 2 M CSO FIN	1,750	0	-	1,850	-5.4%
CRUDE OIL CALNDR STRIP	0	0	-	0	-
SINGAPORE GASOIL CALENDAR	225	300	-25.0%	250	-10.0%
ETHANOL SWAP	12,162	14,860	-18.2%	12,703	-4.3%
NATURAL GAS 6 M CSO FIN	0	0	-	0	-
GASOIL CRACK SPREAD AVG PR	0	0	-	0	-
SHORT TERM NATURAL GAS	400	800	-50.0%	40	900.0%
SHORT TERM	0	0	-	0	-
COAL SWAP	665	2,239	-70.3%	665	0.0%
COAL API2 INDEX	4,822	75,500	-93.6%	4,330	11.4%
EURO-DENOMINATED PETRO P	0	0	-	0	-
COAL API4 INDEX	0	805	-100.0%	0	-
SHORT TERM CRUDE OIL	0	0	-	0	-
NATURAL GAS 12 M CSO FIN	0	0	-	0	-
DAILY CRUDE OIL	0	0	-	0	-
PJM WES HUB PEAK LMP 50MW	16,606	1,364	1,117.4%	15,463	7.4%
LLS CRUDE OIL	10,300	6,045	70.4%	11,025	-6.6%
PJM WES HUB PEAK CAL MTH	2,720	10,500	-74.1%	2,340	16.2%
PJM ELECTRIC	0	0	-	0	-
1 MO GASOIL CAL SWAP SPR	0	100	-100.0%	0	-
GASOLINE	0	456	-100.0%	0	-
FX Futures					
AUSTRALIAN DOLLAR	110,405	151,239	-27.0%	137,605	-19.8%
BRITISH POUND	264,173	246,944	7.0%	246,071	7.4%
BRAZIL REAL	36,852	43,382	-15.1%	32,502	13.4%
CANADIAN DOLLAR	183,541	123,575	48.5%	122,558	49.8%
E-MINI EURO FX	12,272	7,455	64.6%	9,840	24.7%
EURO FX	413,751	363,978	13.7%	402,816	2.7%
E-MINI JAPANESE YEN	7,481	1,593	369.6%	7,239	3.3%
JAPANESE YEN	200,646	162,931	23.1%	195,473	2.6%
MEXICAN PESO	178,717	111,972	59.6%	198,361	-9.9%
NEW ZEALND DOLLAR	44,394	35,286	25.8%	39,456	12.5%
NKR/USD CROSS RATE	1,267	964	31.4%	1,261	0.5%
RUSSIAN RUBLE	46,332	27,081	71.1%	35,197	31.6%
S.AFRICAN RAND	18,056	3,359	437.5%	26,736	-32.5%
SWISS FRANC	45,754	41,195	11.1%	38,298	19.5%
AD/CD CROSS RATES	3	1	200.0%	4	-25.0%
AD/JY CROSS RATES	889	488	82.2%	887	0.2%
AD/NE CROSS RATES	26	43	-39.5%	22	18.2%
BP/JY CROSS RATES	1,010	364	177.5%	472	114.0%
BP/SF CROSS RATES	69	5	1,280.0%	4	1,625.0%
CD/JY CROSS RATES	46	0	-	40	15.0%
EC/AD CROSS RATES	3,614	803	350.1%	4,533	-20.3%
EC/CD CROSS RATES	1,803	886	103.5%	1,279	41.0%

*** 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 Open Interest Report - Monthly

	Open Interest APR 2017	Open Interest APR 2016	% CHG	Open Interest MAR 2017	% CHG
FX Futures					
EC/NOK CROSS RATES	38	1	3,700.0%	34	11.8%
EC/SEK CROSS RATES	435	282	54.3%	396	9.8%
EFX/BP CROSS RATES	32,783	30,483	7.5%	35,703	-8.2%
EFX/JY CROSS RATES	16,967	8,351	103.2%	16,023	5.9%
EFX/SF CROSS RATES	10,825	16,964	-36.2%	13,157	-17.7%
SF/JY CROSS RATES	0	0	-	0	-
SKR/USD CROSS RATES	1,514	996	52.0%	1,294	17.0%
HUNGARIAN FORINT (US)	0	0	-	0	-
POLISH ZLOTY (US)	52	222	-76.6%	43	20.9%
POLISH ZLOTY (EC)	13	1,393	-99.1%	2	550.0%
SHEKEL	0	0	-	0	-
RMB USD	70	511	-86.3%	72	-2.8%
KOREAN WON	14	21	-33.3%	26	-46.2%
TURKISH LIRA	2,392	3	79,633.3%	1,373	74.2%
TURKISH LIRA (EU)	0	0	-	0	-
E-MICRO EUR/USD	4,102	6,866	-40.3%	4,453	-7.9%
E-MICRO GBP/USD	2,922	2,064	41.6%	2,629	11.1%
E-MICRO USD/CAD	0	0	-	0	-
E-MICRO USD/CHF	0	1	-100.0%	0	-
E-MICRO USD/JPY	0	10	-100.0%	0	-
E-MICRO AUD/USD	2,371	3,084	-23.1%	1,720	37.8%
MICRO CHF/USD	143	1,157	-87.6%	223	-35.9%
INDIAN RUPEE	918	487	88.5%	960	-4.4%
E-MICRO INR/USD	124	159	-22.0%	417	-70.3%
E-MICRO JPY/USD	1,078	3,545	-69.6%	1,195	-9.8%
CHINESE RENMINBI (CNH)	1,506	3,024	-50.2%	1,436	4.9%
USDZAR	0	0	-	0	-
FCXRX	48	0	-	9	433.3%
E-MICRO USD/CNH	0	10	-100.0%	0	-
E-MICRO CAD/USD	1,733	2,086	-16.9%	854	102.9%

***** 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 Open Interest Report - Monthly

	Open Interest APR 2017	Open Interest APR 2016	% CHG	Open Interest MAR 2017	% CHG
FX Options					
AUSTRALIAN DOLLAR	25,899	80,496	-67.8%	21,953	18.0%
BRITISH POUND	53,618	139,253	-61.5%	33,307	61.0%
CANADIAN DOLLAR	19,489	79,307	-75.4%	14,070	38.5%
EURO FX	147,867	287,655	-48.6%	94,853	55.9%
JAPANESE YEN	65,185	147,156	-55.7%	48,914	33.3%
MEXICAN PESO	1,715	1,557	10.1%	1,675	2.4%
NEW ZEALND DOLLAR	0	0	-	0	-
RUSSIAN RUBLE	0	831	-100.0%	0	-
SWISS FRANC	2,221	10,116	-78.0%	2,230	-0.4%
JAPANESE YEN (EU)	25	621	-96.0%	4	525.0%
EURO FX (EU)	80	3,049	-97.4%	137	-41.6%
SWISS FRANC (EU)	3	0	-	1	200.0%
CANADIAN DOLLAR (EU)	31	25	24.0%	30	3.3%
BRITISH POUND (EU)	507	1,183	-57.1%	504	0.6%
AUSTRALIAN DLR (EU)	0	481	-100.0%	0	-
CHF/USD PQO 2pm Fix	2,191	0	-	2,870	-23.7%
JPY/USD PQO 2pm Fix	94,501	0	-	114,523	-17.5%
EUR/USD PQO 2pm Fix	196,699	0	-	186,737	5.3%
GBP/USD PQO 2pm Fix	67,629	0	-	83,773	-19.3%
CAD/USD PQO 2pm Fix	37,501	0	-	48,685	-23.0%
AUD/USD PQO 2pm Fix	43,295	0	-	56,623	-23.5%

*** 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.

CME Group Exchange Open Interest Report - Monthly

	Open Interest APR 2017	Open Interest APR 2016	% CHG	Open Interest MAR 2017	% CHG
Commodities and Alternative Investments					
Futures					
CORN	1,337,193	1,372,504	-2.6%	1,465,661	-8.8%
SOYBEAN	637,981	794,400	-19.7%	728,412	-12.4%
SOYBEAN MEAL	363,009	351,187	3.4%	377,934	-3.9%
SOYBEAN OIL	408,955	412,824	-0.9%	416,136	-1.7%
OATS	5,823	9,260	-37.1%	6,179	-5.8%
ROUGH RICE	11,011	10,004	10.1%	11,108	-0.9%
MINI CORN	7,842	5,936	32.1%	8,278	-5.3%
MINI SOYBEAN	17,547	23,789	-26.2%	19,693	-10.9%
MINI WHEAT	1,393	1,338	4.1%	1,736	-19.8%
LIVE CATTLE	428,332	275,144	55.7%	392,036	9.3%
FEEDER CATTLE	61,097	44,542	37.2%	59,116	3.4%
LEAN HOGS	218,648	223,111	-2.0%	203,449	7.5%
LUMBER	5,891	4,329	36.1%	5,813	1.3%
MILK	34,999	33,684	3.9%	36,530	-4.2%
MLK MID	0	0	-	0	-
NFD MILK	7,086	6,801	4.2%	7,533	-5.9%
BUTTER CS	6,403	6,888	-7.0%	6,377	0.4%
CLASS IV MILK	4,623	2,785	66.0%	4,992	-7.4%
DRY WHEY	6,554	4,850	35.1%	6,749	-2.9%
GSCI EXCESS RETURN FUT	48,766	37,816	29.0%	48,568	0.4%
GOLDMAN SACHS	14,354	11,867	21.0%	15,456	-7.1%
HOUSING INDEX	69	51	35.3%	66	4.5%
HDD WEATHER	0	0	-	500	-100.0%
CDD WEATHER	25,000	100	24,900.0%	25,000	0.0%
HDD SEASONAL STRIP	0	0	-	100	-100.0%
CDD SEASONAL STRIP	1,100	1,100	0.0%	250	340.0%
HDD WEATHER EUROPEAN	0	500	-100.0%	175	-100.0%
CAT WEATHER EUROPEAN	0	0	-	0	-
HDD EURO SEASONAL STRIP	0	0	-	150	-100.0%
CAT EURO SEASONAL STRIP	0	250	-100.0%	0	-
COFFEE	20	2	900.0%	0	-
DOW-UBS COMMOD INDEX	39,516	22,121	78.6%	35,920	10.0%
SUGAR 11	1	12	-91.7%	1	0.0%
COCOA TAS	0	33	-100.0%	7	-100.0%
COTTON	2	13	-84.6%	4	-50.0%
USD CRUDE PALM OIL	1,384	0	-	1,204	15.0%
CASH-SETTLED CHEESE	31,313	33,775	-7.3%	31,847	-1.7%
FERTILIZER PRODUCTS	2,015	3,125	-35.5%	2,592	-22.3%
S&P GSCI ENHANCED ER SWAP	17,033	13,072	30.3%	29,740	-42.7%
CHI WHEAT	466,992	382,164	22.2%	514,042	-9.2%
KC WHEAT	262,991	200,282	31.3%	258,836	1.6%
MALAYSIAN PALM SWAP	26,818	16,600	61.6%	24,312	10.3%
PALM OIL	0	0	-	0	-
Intercommodity Spread	0	0	-	0	-
DJ_UBS ROLL SELECT INDEX FU	1,070	332	222.3%	1,070	0.0%
Commodities and Alternative Investments					
Options					
CORN	1,324,145	1,387,273	-4.6%	1,272,646	4.0%
SOYBEAN	589,196	1,005,127	-41.4%	686,154	-14.1%

*** 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 Open Interest Report - Monthly

	Open Interest APR 2017	Open Interest APR 2016	% CHG	Open Interest MAR 2017	% CHG
Commodities and Alternative Investments					
Options					
SOYBEAN MEAL	116,661	192,471	-39.4%	129,116	-9.6%
SOYBEAN OIL	137,738	159,534	-13.7%	138,725	-0.7%
SOYBEAN CRUSH	215	1,240	-82.7%	180	19.4%
OATS	2,174	2,317	-6.2%	2,675	-18.7%
ROUGH RICE	2,651	1,757	50.9%	2,283	16.1%
WHEAT	611	0	-	0	0.0%
LIVE CATTLE	203,381	260,522	-21.9%	224,984	-9.6%
FEEDER CATTLE	35,011	30,847	13.5%	34,419	1.7%
LEAN HOGS	154,643	148,159	4.4%	181,684	-14.9%
LUMBER	847	635	33.4%	1,009	-16.1%
MILK	95,528	65,634	45.5%	98,202	-2.7%
MLK MID	610	325	87.7%	672	-9.2%
NFD MILK	11,818	9,219	28.2%	13,164	-10.2%
BUTTER CS	5,564	5,069	9.8%	5,991	-7.1%
CLASS IV MILK	6,290	2,926	115.0%	6,862	-8.3%
DRY WHEY	1,795	434	313.6%	1,344	33.6%
HOUSING INDEX	6	0	0.0%	6	0.0%
HDD WEATHER	0	0	-	2,000	-100.0%
CDD WEATHER	47,000	0	-	47,000	0.0%
HDD SEASONAL STRIP	0	0	-	14,100	-100.0%
CDD SEASONAL STRIP	2,800	27,000	-89.6%	1,000	180.0%
HDD WEATHER EUROPEAN	0	3,500	-100.0%	1,500	-100.0%
CAT WEATHER EUROPEAN	0	0	-	0	-
HDD EURO SEASONAL STRIP	0	0	-	2,500	-100.0%
NOV-NOV SOYBEAN CAL SPRD	76	104	-26.9%	64	18.8%
JULY-NOV SOYBEAN CAL SPRD	23,231	16,900	37.5%	21,976	5.7%
DEC-JULY WHEAT CAL SPRD	0	0	-	0	-
JULY-DEC CORN CAL SPRD	5,950	14,910	-60.1%	3,225	84.5%
SOYBN NEARBY+2 CAL SPRD	1,210	0	-	1,010	19.8%
WHEAT NEARBY+2 CAL SPRD	2,100	2,045	2.7%	3,553	-40.9%
CORN NEARBY+2 CAL SPRD	1,176	2,662	-55.8%	2,396	-50.9%
JULY-JULY WHEAT CAL SPRD	0	230	-100.0%	0	-
JULY-DEC WHEAT CAL SPRD	934	11,240	-91.7%	934	0.0%
LV CATL CSO	593	25	2,272.0%	458	29.5%
SOYMEAL NEARBY+2 CAL SPRD	0	100	-100.0%	0	-
WHEAT-CORN IC SO	750	120	525.0%	600	25.0%
CASH-SETTLED CHEESE	38,701	31,017	24.8%	38,094	1.6%
JULY-DEC SOY OIL CAL SPRD	590	0	-	590	0.0%
SOY OIL NEARBY+2 CAL SPRD	0	0	-	0	-
NOV-JULY SOYBEAN CAL SPRD	25	0	-	25	0.0%
DEC-DEC CORN CAL SPRD	1,960	2,161	-9.3%	2,033	-3.6%
DEC-JULY CORN CAL SPRD	2,600	0	-	2,600	0.0%
AUG-NOV SOYBEAN CAL SPRD	0	0	-	0	-
CHI WHEAT	326,316	338,631	-3.6%	350,070	-6.8%
KC WHEAT	43,080	39,416	9.3%	42,089	2.4%
MAR-DEC CORN CAL SPRD	0	0	-	0	-
SEP-DEC SOYBEAN MEAL CSO	0	0	-	0	-
Intercommodity Spread	650	1,850	-64.9%	650	0.0%
MAR-JULY CORN CAL SPRD	0	0	-	0	-
MAR-JULY WHEAT CAL SPRD	0	0	-	0	-
AUG-DEC SOYBEAN MEAL CSO	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 Open Interest Report - Monthly

	Open Interest APR 2017	Open Interest APR 2016	% CHG	Open Interest MAR 2017	% CHG
Foreign Exchange Futures					
CHILEAN PESO	329	1	32,800.0%	138	138.4%
Ags Futures					
WHEAT	807	0	-	750	7.6%
Ags Options					
WHEAT	100	0	-	200	-50.0%
TOTAL FUTURES GROUP					
Interest Rate Futures	24,523,991	18,673,850	31.3%	23,666,373	3.6%
Equity Index Futures	3,790,749	3,590,733	5.6%	3,600,799	5.3%
Metals Futures	1,134,430	1,120,912	1.2%	1,120,237	1.3%
Energy Futures	19,597,694	21,745,894	-9.9%	19,324,991	1.4%
FX Futures	1,651,149	1,405,264	17.5%	1,582,673	4.3%
Commodities and Alternative Invest	4,502,831	4,306,591	4.6%	4,747,572	-5.2%
Foreign Exchange Futures	329	1	32,800.0%	138	138.4%
Ags Futures	807	0	-	750	7.6%
TOTAL FUTURES	55,201,980	50,843,245	8.6%	54,043,533	2.1%
TOTAL OPTIONS GROUP					
Interest Rate Options	48,419,461	40,118,991	20.7%	42,755,933	13.2%
Equity Index Options	4,569,648	5,110,256	-10.6%	4,482,578	1.9%
Metals Options	1,126,271	1,335,080	-15.6%	1,119,264	0.6%
Energy Options	7,650,845	7,706,884	-0.7%	7,593,913	0.7%
FX Options	758,456	751,730	0.9%	710,889	6.7%
Commodities and Alternative Invest	3,188,626	3,765,400	-15.3%	3,338,583	-4.5%
Ags Options	100	0	-	200	-50.0%
TOTAL OPTIONS	65,713,407	58,788,341	11.8%	60,001,360	9.5%

*** 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.



CME Group Exchange Open Interest Report - Monthly

	Open Interest APR 2017	Open Interest APR 2016	% CHG	Open Interest MAR 2017	% CHG
TOTAL COMBINED					
Interest Rate	72,943,452	58,792,841	24.1%	66,422,306	9.8%
Equity Index	8,360,397	8,700,989	-3.9%	8,083,377	3.4%
Metals	2,260,701	2,455,992	-8.0%	2,239,501	0.9%
Energy	27,248,539	29,452,778	-7.5%	26,918,904	1.2%
FX	2,409,605	2,156,994	11.7%	2,293,562	5.1%
Commodities and Alternative Invest	7,691,457	8,071,991	-4.7%	8,086,155	-4.9%
Foreign Exchange	329	1	32,800.0%	138	138.4%
Ags	907	0	-	950	-4.5%
GRAND TOTAL	120,915,387	109,631,586	10.3%	114,044,893	6.0%

*** 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.