

CMEG Exchange Volume Report - Monthly

	VOLUME MAY 2019	VOLUME MAY 2018	% CHG	VOLUME APR 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Interest Rate Futures								
10-YR NOTE	56,919,411	53,075,110	7.2%	27,261,890	108.8%	192,061,204	198,857,757	-3.4%
10-YR SWAP RATE	27,721	22,333	24.1%	27,112	2.2%	253,818	225,582	12.5%
15-YR SWAP RATE	0	0	-	0	0.0%	5,500	0	-
1-MONTH EURODOLLAR	31	8,024	-99.6%	5	520.0%	151	22,535	-99.3%
20-YR SWAP RATE	0	0	-	0	0.0%	46	0	-
2-YR NOTE	25,719,814	17,938,863	43.4%	9,357,510	174.9%	76,119,691	62,608,640	21.6%
2-YR SWAP RATE	40,435	0	-	30,266	33.6%	199,556	0	-
30-YR BOND	9,727,944	10,025,157	-3.0%	4,783,897	103.3%	36,117,257	39,144,618	-7.7%
30-YR SWAP RATE	636	28	2,171.4%	1,010	-37.0%	3,528	929	279.8%
3-YR SWAP RATE	8,986	0	-	7,438	20.8%	47,790	0	-
4-YR SWAP RATE	28,369	0	-	19,220	47.6%	60,533	0	-
5-YR NOTE	39,172,146	36,454,467	7.5%	16,018,844	144.5%	128,424,461	126,328,169	1.7%
5-YR SWAP RATE	73,185	9,979	633.4%	43,209	69.4%	349,826	126,646	176.2%
7-YR SWAP RATE	7,391	0	-	1,605	360.5%	22,087	0	-
EURODOLLARS	73,665,276	68,834,046	7.0%	50,245,157	46.6%	300,632,403	370,595,145	-18.9%
FED FUND	9,473,062	7,305,556	29.7%	6,036,330	56.9%	32,243,638	29,146,015	10.6%
SOFR	704,857	33,631	1,995.9%	475,826	48.1%	2,968,979	33,631	8,728.1%
SONIA	189,522	0	-	190,171	-0.3%	840,559	0	-
Ultra 10-Year Note	7,198,555	5,677,700	26.8%	3,255,055	121.2%	22,864,307	20,877,903	9.5%
ULTRA T-BOND	6,886,883	5,878,929	17.1%	2,463,567	179.5%	21,001,712	19,795,764	6.1%
Interest Rate Options								
10-YR NOTE	16,644,420	15,536,122	7.1%	11,697,042	42.3%	66,936,548	69,058,161	-3.1%
2-YR NOTE	750,504	739,761	1.5%	477,944	57.0%	2,551,031	2,663,452	-4.2%
30-YR BOND	3,609,149	2,770,504	30.3%	2,375,482	51.9%	13,972,904	13,863,773	0.8%
5-YR NOTE	6,371,187	3,842,002	65.8%	4,415,426	44.3%	22,869,148	17,648,842	29.6%
EURODOLLARS	26,234,480	12,229,900	114.5%	17,249,283	52.1%	105,157,184	85,405,784	23.1%
EURO MIDCURVE	20,702,536	14,891,301	39.0%	12,698,940	63.0%	76,651,947	88,621,267	-13.5%
FED FUND	0	7,300	-100.0%	0	0.0%	452	17,017	-97.3%
Ultra 10-Year Note	4,331	0	0.0%	1,720	151.8%	15,616	28	55,671.4%
ULTRA T-BOND	26,615	14,462	84.0%	4,524	488.3%	74,712	38,900	92.1%

*** 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.

CMEG Exchange Volume Report - Monthly

	VOLUME MAY 2019	VOLUME MAY 2018	% CHG	VOLUME APR 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Equity Index Futures								
BITCOIN FUTURES	299,290	86,474	246.1%	208,056	43.9%	773,860	278,209	178.2%
DJ US REAL ESTATE	19,241	25,324	-24.0%	29,304	-34.3%	180,774	193,418	-6.5%
E-mini (\$5) Dow	5,889,586	4,405,651	33.7%	3,353,426	75.6%	22,723,712	27,040,216	-16.0%
E-MINI COM SERVICES SELECT	4,557	0	-	1,759	159.1%	25,928	0	-
E-mini FTSE 100 (USD)	0	1,399	-100.0%	0	0.0%	336	8,985	-96.3%
E-mini FTSE China 50	2	945	-99.8%	3	-33.3%	698	6,603	-89.4%
E-MINI MIDCAP	307,568	294,698	4.4%	226,763	35.6%	1,624,502	1,965,453	-17.3%
E-MINI NASDAQ 100	12,812,908	7,692,814	66.6%	8,157,088	57.1%	50,323,624	47,067,700	6.9%
E-MINI RUSSELL 1000	7,440	5,943	25.2%	3,359	121.5%	37,396	62,840	-40.5%
E-MINI RUSSELL 1000 GROWTH	5,030	5,782	-13.0%	2,377	111.6%	25,349	54,848	-53.8%
E-MINI RUSSELL 1000 VALUE	8,787	10,009	-12.2%	9,995	-12.1%	79,815	71,444	11.7%
E-MINI RUSSELL 2000	3,219,293	2,221,453	44.9%	2,242,207	43.6%	14,487,255	13,569,833	6.8%
E-MINI S&P500	41,914,412	28,914,515	45.0%	23,894,116	75.4%	163,897,847	184,158,285	-11.0%
E-MINI S&P REAL ESTATE SELE	3,484	2,663	30.8%	4,044	-13.8%	19,335	35,662	-45.8%
FT-SE 100	0	845	-100.0%	0	0.0%	372	7,191	-94.8%
FTSE Emerging	2,420	110	2,100.0%	2,477	-2.3%	11,693	622	1,779.9%
IBOVESPA INDEX	209	524	-60.1%	647	-67.7%	3,199	5,999	-46.7%
MICRO E-MINI NASDAQ 100	2,994,347	0	-	0	-	2,994,347	0	-
MICRO E-MINI RUSSELL 2000	543,257	0	-	0	-	543,257	0	-
MICRO E-MINI S&P500	4,818,422	0	-	0	-	4,818,422	0	-
MICRO MINI \$5 DOW	943,066	0	-	0	-	943,066	0	-
NASDAQ BIOTECH	649	132	391.7%	413	57.1%	1,388	3,224	-56.9%
NIFTY 50	0	0	0.0%	0	0.0%	0	54,444	-100.0%
NIKKEI 225 (\$) STOCK	257,193	203,372	26.5%	149,238	72.3%	1,076,180	1,864,596	-42.3%
NIKKEI 225 (YEN) STOCK	980,979	705,255	39.1%	562,585	74.4%	3,716,904	4,947,269	-24.9%
S&P 500	65,384	108,631	-39.8%	79,311	-17.6%	507,301	748,294	-32.2%
S&P 500 ANNUAL DIVIDEND IND	22,249	10,227	117.6%	24,350	-8.6%	118,408	68,438	73.0%
S&P 500/GI	0	0	0.0%	0	0.0%	20	26	-23.1%
S&P 500 QUARLY DIVIDEND IND	20	280	-92.9%	160	-87.5%	521	442	17.9%
S&P 600 SMALLCAP EMINI	0	0	-	0	0.0%	0	0	-
S&P CONSUMER DSCRTNRY SE	7,256	10,916	-33.5%	3,922	85.0%	47,529	89,673	-47.0%
S&P CONSUMER STAPLES SECT	10,291	14,661	-29.8%	7,680	34.0%	92,442	120,690	-23.4%
S&P ENERGY SECTOR	10,891	39,848	-72.7%	9,444	15.3%	94,673	141,184	-32.9%
S&P FINANCIAL SECTOR	23,600	20,889	13.0%	27,666	-14.7%	152,314	221,019	-31.1%
S&P HEALTH CARE SECTOR	8,800	13,372	-34.2%	12,707	-30.7%	89,258	73,401	21.6%
S&P INDUSTRIAL SECTOR	6,842	11,147	-38.6%	9,593	-28.7%	71,066	69,404	2.4%
S&P MATERIALS SECTOR	9,562	4,920	94.3%	14,946	-36.0%	58,914	49,196	19.8%
S&P TECHNOLOGY SECTOR	11,884	21,182	-43.9%	6,195	91.8%	78,851	122,904	-35.8%
S&P UTILITIES SECTOR	25,117	21,725	15.6%	23,724	5.9%	153,069	166,241	-7.9%
S&P VALUE INDEX FUTURES	0	0	0.0%	0	0.0%	24	28	-14.3%
YEN DENOMINATED TOPIX	31,706	374	8,377.5%	18,792	68.7%	82,844	1,431	5,689.2%

*** 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.

CMEG Exchange Volume Report - Monthly

	VOLUME MAY 2019	VOLUME MAY 2018	% CHG	VOLUME APR 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Equity Index Options								
E-mini (\$5) Dow	3,618	8,921	-59.4%	2,616	38.3%	23,502	56,878	-58.7%
E-MINI NASDAQ 100	248,407	174,092	42.7%	169,910	46.2%	1,032,240	1,300,135	-20.6%
E-MINI RUSSELL 2000	18,583	11,153	66.6%	9,423	97.2%	60,080	74,996	-19.9%
E-MINI S&P500	7,224,771	5,149,820	40.3%	3,310,338	118.2%	24,012,513	32,703,012	-26.6%
EOM E-MINI RUSSELL 2000 END	14,138	3,712	280.9%	6,334	123.2%	40,810	32,042	27.4%
EOM EMINI S&P	2,859,243	1,558,179	83.5%	1,223,694	133.7%	9,359,478	13,989,710	-33.1%
EOM S&P 500	140,263	74,730	87.7%	122,495	14.5%	641,771	1,070,459	-40.0%
EOW1 E-MINI RUSSELL 2000 WE	2,092	1,594	31.2%	2,162	-3.2%	7,456	12,557	-40.6%
EOW1 E-MINI RUSSELL 2000 WE	1,946	3,823	-49.1%	2,121	-8.3%	7,245	17,969	-59.7%
EOW1 EMINI S&P 500	1,242,920	1,087,829	14.3%	813,690	52.8%	4,371,057	6,049,230	-27.7%
EOW1 S&P 500	22,861	94,841	-75.9%	69,791	-67.2%	283,284	370,678	-23.6%
EOW2 E-MINI RUSSELL 2000 WE	7,404	6,280	17.9%	3,254	127.5%	17,640	29,509	-40.2%
EOW2 EMINI S&P 500	1,647,803	995,742	65.5%	612,623	169.0%	5,050,602	7,546,250	-33.1%
EOW2 S&P 500	141,810	122,958	15.3%	101,893	39.2%	676,222	766,105	-11.7%
EOW3 E-MINI RUSSELL 2000 WE	15,282	16,304	-6.3%	15,097	1.2%	53,703	127,195	-57.8%
EOW3 EMINI S&P 500	2,760,389	2,220,806	24.3%	2,112,467	30.7%	12,029,713	21,281,497	-43.5%
EOW3 S&P 500	117,967	197,273	-40.2%	134,104	-12.0%	684,763	1,905,737	-64.1%
EOW4 E-MINI RUSSELL 2000 WE	5,318	3,417	55.6%	3,317	60.3%	17,280	36,599	-52.8%
EOW4 EMINI S&P 500	1,109,508	789,320	40.6%	672,575	65.0%	4,802,087	6,676,361	-28.1%
S&P 500	198,571	230,608	-13.9%	171,915	15.5%	1,130,042	1,619,733	-30.2%
Metals Futures								
ALUMINUM	11,315	14,020	-19.3%	10,654	6.2%	56,315	88,635	-36.5%
COMEX COPPER	2,082,227	2,562,938	-18.8%	2,243,498	-7.2%	10,531,362	13,926,264	-24.4%
COMEX E-Mini GOLD	14,787	6,960	112.5%	9,214	60.5%	43,533	35,505	22.6%
COMEX E-Mini SILVER	5,823	898	548.4%	3,970	46.7%	16,503	5,857	181.8%
COMEX GOLD	7,142,711	8,676,586	-17.7%	5,096,346	40.2%	29,206,932	38,608,171	-24.4%
COMEX MINY COPPER	435	363	19.8%	779	-44.2%	2,887	2,762	4.5%
COMEX SILVER	1,476,265	1,702,205	-13.3%	1,920,305	-23.1%	8,124,923	10,512,590	-22.7%
COPPER	2,002	50	3,904.0%	1,196	67.4%	5,649	10,123	-44.2%
E-MICRO GOLD	174,099	148,719	17.1%	184,890	-5.8%	977,690	667,871	46.4%
FERROUS PRODUCTS	923	1,106	-16.5%	2,480	-62.8%	6,350	10,300	-38.3%
GOLD	0	0	0.0%	0	-	0	0	0.0%
Gold Kilo	0	0	0.0%	0	0.0%	0	136	-100.0%
IRON ORE 62 CHINA PLATTS FU	0	0	0.0%	0	0.0%	0	0	0.0%
IRON ORE 62 CHINA TSI FUTURE	5,679	5,349	6.2%	4,431	28.2%	35,034	19,763	77.3%
LNDN ZINC	108	137	-21.2%	117	-7.7%	1,194	177	574.6%
NYMEX HOT ROLLED STEEL	28,415	9,487	199.5%	19,031	49.3%	97,592	50,723	92.4%
NYMEX PLATINUM	414,824	392,326	5.7%	398,312	4.1%	2,193,203	2,169,332	1.1%
PALLADIUM	129,839	127,272	2.0%	96,677	34.3%	594,181	636,963	-6.7%
SILVER	14,325	5,546	158.3%	15,831	-9.5%	76,926	34,814	121.0%
URANIUM	1,175	100	1,075.0%	1,000	17.5%	7,850	1,012	675.7%

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

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

CMEG Exchange Volume Report - Monthly

	VOLUME MAY 2019	VOLUME MAY 2018	% CHG	VOLUME APR 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Metals Options								
COMEX COPPER	50,998	21,300	139.4%	69,781	-26.9%	307,123	103,516	196.7%
COMEX GOLD	1,002,115	972,624	3.0%	807,033	24.2%	4,747,180	4,815,346	-1.4%
COMEX SILVER	118,247	141,157	-16.2%	103,575	14.2%	614,165	732,357	-16.1%
COPPER	288	11	2,518.2%	99	190.9%	504	11	4,481.8%
GOLD	109,723	38,608	184.2%	89,154	23.1%	417,484	179,182	133.0%
HOT ROLLED COIL STEEL CALL	0	0	0.0%	0	0.0%	600	0	0.0%
IRON ORE 62 CHINA TSI CALL O	0	0	0.0%	3,150	-100.0%	6,660	200	3,230.3%
IRON ORE 62 CHINA TSI PUT OP	0	0	0.0%	1,800	-100.0%	3,600	1,080	233.3%
NYMEX PLATINUM	4,609	3,237	42.4%	4,234	8.9%	19,199	15,771	21.7%
PALLADIUM	1,158	2,212	-47.6%	1,528	-24.2%	6,623	16,574	-60.0%
SILVER	4,345	752	477.8%	4,410	-1.5%	18,621	2,979	525.1%
Energy Futures								
3.5% FUEL OIL CID MED SWA	63	55	14.5%	5	1,160.0%	73	452	-83.8%
3.5% FUEL OIL CIF BALMO S	0	5	-100.0%	0	0.0%	20	95	-78.9%
AEP-DAYTON HUB DAILY	0	0	0.0%	0	0.0%	0	0	0.0%
AEP-DAYTON HUB MTHLY	0	0	0.0%	0	0.0%	0	0	0.0%
AEP-DAYTON HUB OFF-PEAK M	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%
ALGONQUIN CITYGATES BASIS	0	0	0.0%	0	0.0%	0	0	0.0%
ANR LOUISIANA BASIS SWAP	0	0	0.0%	0	-	0	0	0.0%
ANR OKLAHOMA	0	0	0.0%	0	0.0%	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	4,565	25,757	-82.3%	12,251	-62.7%	64,341	135,172	-52.4%
ARGUS PROPAN FAR EST INDE	5,659	4,908	15.3%	6,738	-16.0%	31,859	32,911	-3.2%
ARGUS PROPAN(SAUDI ARAMC	2,869	2,238	28.2%	3,516	-18.4%	15,387	13,792	11.6%
AUSTRIALIAN COKE COAL	0	20	-100.0%	0	0.0%	0	20	-100.0%
BRENT BALMO SWAP	0	0	0.0%	365	-100.0%	713	50	1,326.0%
BRENT CALENDAR SWAP	11,430	13,046	-12.4%	2,138	434.6%	23,829	20,596	15.7%
BRENT CFD SWAP	0	0	0.0%	0	0.0%	0	300	-100.0%
BRENT FINANCIAL FUTURES	22	556	-96.0%	3,500	-99.4%	7,082	11,200	-36.8%
BRENT OIL LAST DAY	3,157,794	2,152,389	46.7%	2,395,374	31.8%	10,609,441	9,007,111	17.8%
CAISO SP15 EZGNHUB5 MW P	0	0	0.0%	0	-	0	0	0.0%
CAISO SP15 EZGNHUB5 PEAK	0	0	0.0%	0	-	0	0	0.0%
CANADIAN LIGHT SWEET OIL	0	0	0.0%	0	0.0%	0	0	0.0%
CENTERPOINT BASIS SWAP	0	0	0.0%	0	0.0%	0	36	-100.0%
CHICAGO ETHANOL SWAP	121,567	105,619	15.1%	110,149	10.4%	556,440	542,581	2.6%
CHICAGO ULSD (PLATTS) SWA	0	0	0.0%	0	-	0	0	0.0%
CHICAGO ULSD PL VS HO SPR	1,096	170	544.7%	250	338.4%	3,177	1,322	140.3%
CHICAGO UNL GAS PL VS RBO	0	0	0.0%	160	-100.0%	675	525	28.6%
CIG BASIS	0	0	0.0%	0	0.0%	0	196	-100.0%
CIG ROCKIES NG INDEX SWA	0	0	0.0%	0	-	0	0	0.0%
CINERGY HUB OFF-PEAK MONT	0	0	0.0%	0	0.0%	0	0	0.0%
CINERGY HUB PEAK MONTH	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%
CIN HUB 5MW D AH PK	524	1,372	-61.8%	0	0.0%	2,740	5,976	-54.1%
CIN HUB 5MW REAL TIME O P	0	0	0.0%	0	0.0%	3,920	0	0.0%
CIN HUB 5MW REAL TIME PK	0	0	0.0%	0	0.0%	325	0	0.0%
COAL SWAP	0	115	-100.0%	0	0.0%	0	300	-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.

CMEG Exchange Volume Report - Monthly

	VOLUME MAY 2019	VOLUME MAY 2018	% CHG	VOLUME APR 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Energy Futures								
COLUMB GULF MAINLINE NG B	0	0	0.0%	364	-100.0%	364	0	0.0%
COLUMBIA GULF ONSHORE	0	0	0.0%	0	-	0	0	0.0%
CONWAY NATURAL GASOLINE (124	575	-78.4%	140	-11.4%	1,108	1,123	-1.3%
CONWAY NORMAL BUTANE (OPI	635	245	159.2%	310	104.8%	1,458	585	149.2%
CONWAY PROPANE 5 DECIMALS	17,077	18,182	-6.1%	14,421	18.4%	73,872	80,758	-8.5%
CRUDE OIL	3,000	8,850	-66.1%	4,314	-30.5%	32,019	32,644	-1.9%
CRUDE OIL OUTRIGHTS	73,621	91,716	-19.7%	74,596	-1.3%	344,805	342,497	0.7%
CRUDE OIL PHY	28,550,032	30,950,737	-7.8%	27,651,187	3.3%	128,758,446	139,218,856	-7.5%
CRUDE OIL SPRDS	30,347	55,263	-45.1%	27,137	11.8%	114,195	277,792	-58.9%
CRUDE OIL TRADE AT MARKER	0	0	0.0%	0	0.0%	0	0	0.0%
DAILY PJM	0	0	0.0%	0	0.0%	0	0	0.0%
DATED BRENT (PLATTS) DAILY S	0	0	0.0%	0	-	0	0	0.0%
DATED TO FRONTLINE BRENT	100	0	0.0%	300	-66.7%	1,000	2,660	-62.4%
DIESEL 10P BRG FOB RDM VS	0	0	0.0%	0	0.0%	0	5	-100.0%
DIESEL 10PPM BARGES FOB B	0	0	0.0%	0	-	0	0	0.0%
DOMINION TRAN INC - APP I	0	0	0.0%	0	0.0%	0	0	0.0%
DOMINION TRANSMISSION INC	0	126	-100.0%	0	0.0%	0	126	-100.0%
DUBAI CRUDE OIL BALMO	0	0	0.0%	0	0.0%	0	125	-100.0%
DUBAI CRUDE OIL CALENDAR	105	2,737	-96.2%	470	-77.7%	15,873	11,681	35.9%
DUTCH TTF NATURAL GAS CAL	6,444	2,176	196.1%	3,888	65.7%	37,660	5,596	573.0%
DY EURO 3.5% FUEL OI RDA	0	0	0.0%	0	-	0	0	0.0%
EASTERN RAIL DELIVERY CSX	0	35	-100.0%	0	0.0%	0	185	-100.0%
EAST/WEST FUEL OIL SPREAD	0	0	0.0%	0	0.0%	0	157	-100.0%
EIA FLAT TAX ONHWAY DIESE	500	211	137.0%	39	1,182.1%	1,567	877	78.7%
ELEC ERCOT DLY OFF PK	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%
ELEC ERCOT OFF PEAK	0	0	0.0%	0	0.0%	0	19,600	-100.0%
ELEC FINSETTLED	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%
ELEC NYISO OFF-PEAK	0	0	0.0%	0	0.0%	0	0	0.0%
ELECTRICITY ERCOT PEAK	0	0	0.0%	0	-	0	0	0.0%
ELECTRICITY OFF PEAK	0	0	0.0%	0	0.0%	0	0	0.0%
ELEC WEST POWER OFF-PEAK	0	0	0.0%	0	-	0	0	0.0%
ELEC WEST POWER PEAK	0	0	0.0%	0	-	0	0	0.0%
ERCOT DAILY 5MW PEAK	0	0	0.0%	0	-	0	0	0.0%
ERCOT HOUSTON Z MCPE 5MW	0	0	0.0%	0	0.0%	0	1,510	-100.0%
ERCOT NORTH ZMCPE 5MW OF	0	0	0.0%	0	0.0%	0	0	0.0%
ERCOT NORTH ZMCPE 5MW OF	0	0	0.0%	0	0.0%	0	19,600	-100.0%
ERCOT NORTH ZMCPE 5MW PE	0	0	0.0%	0	0.0%	0	4,610	-100.0%
ETHANOL	9,526	9,476	0.5%	8,299	14.8%	49,343	47,112	4.7%
ETHANOL SWAP	155	10	1,450.0%	155	0.0%	520	40	1,200.0%
ETHANOL T2 FOB ROTT INCL DU	2,829	3,153	-10.3%	3,129	-9.6%	19,392	15,684	23.6%
EURO 1% FUEL OIL NEW BALM	3	15	-80.0%	0	0.0%	3	20	-85.0%
EURO 3.5% FUEL OIL RDAM B	40	885	-95.5%	28	42.9%	213	3,315	-93.6%
EURO 3.5% FUEL OIL SPREAD	35	80	-56.3%	40	-12.5%	120	562	-78.6%
EURO-DENOMINATED PETRO P	0	0	0.0%	0	0.0%	0	0	0.0%
EURO GASOIL 10PPM VS ICE	0	10	-100.0%	0	0.0%	0	365	-100.0%
EUROPE 1% FUEL OIL NWE CA	341	15	2,173.3%	9	3,688.9%	444	318	39.6%
EUROPE 1% FUEL OIL RDAM C	0	3	-100.0%	0	0.0%	0	3	-100.0%
EUROPE 3.5% FUEL OIL MED	62	61	1.6%	13	376.9%	348	671	-48.1%

*** 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.

CMEG Exchange Volume Report - Monthly

	VOLUME MAY 2019	VOLUME MAY 2018	% CHG	VOLUME APR 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Energy Futures								
EUROPE 3.5% FUEL OIL RDM	759	14,507	-94.8%	1,198	-36.6%	6,289	47,201	-86.7%
EUROPEAN GASOIL (ICE)	48	786	-93.9%	0	0.0%	476	2,448	-80.6%
EUROPEAN NAPHTHA BALMO	110	214	-48.6%	128	-14.1%	995	1,313	-24.2%
EUROPEAN NAPHTHA CRACK SP	3,886	8,923	-56.4%	4,807	-19.2%	25,800	46,268	-44.2%
EUROPE DATED BRENT SWAP	260	0	0.0%	50	420.0%	1,058	0	0.0%
EUROPE JET KERO NWE CALSW	0	0	0.0%	5	-100.0%	5	15	-66.7%
EUROPE NAPHTHA CALSWAP	2,135	2,522	-15.3%	2,548	-16.2%	11,956	16,182	-26.1%
EURO PROPANE CIF ARA SWA	1,687	1,553	8.6%	2,207	-23.6%	10,215	9,942	2.7%
FLORIDA GAS ZONE3 BASIS S	0	0	0.0%	0	-	0	0	0.0%
FREIGHT MARKETS	917	724	26.7%	470	95.1%	4,192	2,669	57.1%
FUEL OIL CRACK VS ICE	2,974	5,210	-42.9%	1,950	52.5%	8,854	23,724	-62.7%
FUEL OIL NWE CRACK VS ICE	0	0	0.0%	0	0.0%	15	171	-91.2%
FUEL OIL (PLATS) CAR CM	0	0	0.0%	0	0.0%	0	154	-100.0%
FUEL OIL (PLATS) CAR CN	0	0	0.0%	0	0.0%	0	72	-100.0%
FUELOIL SWAP:CARGOES VS.B	382	196	94.9%	85	349.4%	1,196	1,421	-15.8%
GAS EURO-BOB OXY NWE BARG	4,720	10,462	-54.9%	7,018	-32.7%	35,507	39,751	-10.7%
GAS EURO-BOB OXY NWE BARG	8,759	17,159	-49.0%	10,602	-17.4%	50,428	110,270	-54.3%
GASOIL 0.1 CIF MED SWAP	0	0	0.0%	0	-	0	0	0.0%
GASOIL 0.1CIF MED VS ICE	0	0	0.0%	0	0.0%	0	10	-100.0%
GASOIL 0.1 CIF NWE VS ISE	5	0	0.0%	5	0.0%	10	0	0.0%
GASOIL 0.1 CIF VS ICE GAS	0	0	0.0%	0	-	0	0	0.0%
GASOIL 0.1 RDM BRGS VS I	0	0	0.0%	0	0.0%	15	5	200.0%
GASOIL 0.1 ROTTERDAM BARG	30	610	-95.1%	49	-38.8%	103	975	-89.4%
GASOIL 10P CRG CIF NW VS	0	0	0.0%	0	-	0	0	0.0%
GASOIL 10PPM VS ICE SWAP	15	0	0.0%	0	0.0%	39	12	225.0%
GASOIL BULLET SWAP	0	0	0.0%	0	-	0	0	0.0%
GASOIL CALENDAR SWAP	12	24	-50.0%	0	0.0%	66	36	83.3%
GASOIL CRACK SPREAD CALEN	300	4,146	-92.8%	0	0.0%	762	28,158	-97.3%
GASOIL MINI CALENDAR SWAP	165	131	26.0%	248	-33.5%	1,005	667	50.7%
GERMAN POWER BASELOAD CA	2,986	0	0.0%	2,502	19.3%	11,425	2,076	450.3%
GROUP THREE ULSD (PLATTS)	0	40	-100.0%	0	0.0%	0	155	-100.0%
GROUP THREE UNLEAD GAS (P	0	425	-100.0%	0	0.0%	0	425	-100.0%
GRP THREE ULSD(PLT)VS HEA	7,091	2,845	149.2%	1,715	313.5%	17,446	19,139	-8.8%
GRP THREE UNL GS (PLT) VS	2,469	1,724	43.2%	3,809	-35.2%	16,907	10,662	58.6%
GULF COAST 3% FUEL OIL BA	385	2,174	-82.3%	685	-43.8%	3,740	7,670	-51.2%
GULF COAST JET FUEL CLNDR	0	48	-100.0%	0	0.0%	267	681	-60.8%
GULF COAST JET VS NYM 2 H	32,243	28,339	13.8%	19,945	61.7%	108,034	216,472	-50.1%
GULF COAST NO.6 FUEL OIL	23,903	77,137	-69.0%	24,425	-2.1%	129,251	326,656	-60.4%
GULF COAST ULSD CALENDAR	536	239	124.3%	164	226.8%	1,813	993	82.6%
GULF COAST ULSD CRACK SPR	0	0	0.0%	0	0.0%	0	1,295	-100.0%
HEATING OIL BALMO CLNDR S	0	0	0.0%	35	-100.0%	45	56	-19.6%
HEATING OIL CRCK SPRD BAL	18	0	-	0	-	18	0	-
HEATING OIL PHY	4,011,830	4,334,594	-7.4%	2,998,959	33.8%	16,864,457	20,485,556	-17.7%
HENRY HUB BASIS SWAP	4,800	0	0.0%	4,588	4.6%	9,388	6,192	51.6%
HENRY HUB FINANCIAL LAST	0	4,446	-100.0%	0	0.0%	0	10,357	-100.0%
HENRY HUB INDEX SWAP FUTU	4,800	0	0.0%	4,588	4.6%	9,388	6,192	51.6%
HENRY HUB SWAP	110,794	212,969	-48.0%	116,924	-5.2%	607,036	859,411	-29.4%
HOUSTON SHIP CHANNEL BASI	0	0	0.0%	736	-100.0%	736	0	0.0%
HTG OIL	0	0	0.0%	48	-100.0%	48	48	0.0%
HUSTN SHIP CHNL PIPE SWP	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.

CMEG Exchange Volume Report - Monthly

	VOLUME MAY 2019	VOLUME MAY 2018	% CHG	VOLUME APR 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Energy Futures								
ICE BRENT DUBAI SWAP	6,508	15,321	-57.5%	4,325	50.5%	25,958	58,338	-55.5%
ICE GASOIL BALMO SWAP	0	0	0.0%	0	-	0	0	0.0%
IN DELIVERY MONTH EUA	0	0	0.0%	0	0.0%	0	0	0.0%
INDIANA MISO	0	0	0.0%	0	0.0%	0	0	0.0%
INDONESIAN COAL	0	0	0.0%	0	-	0	0	0.0%
INDONESIAN COAL ICI4	370	175	111.4%	172	115.1%	1,975	410	381.7%
ISO NEW ENGLAND OFF-PEAK	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%
JAPAN C&F NAPHTHA CRACK S	0	81	-100.0%	169	-100.0%	169	1,689	-90.0%
JAPAN C&F NAPHTHA SWAP	1,127	2,711	-58.4%	1,621	-30.5%	7,100	10,628	-33.2%
JAPAN NAPHTHA BALMO SWAP	0	53	-100.0%	5	-100.0%	276	193	43.0%
JET AV FUEL (P) CAR FM ICE GA	0	0	0.0%	0	0.0%	0	5	-100.0%
JET CIF NWE VS ICE	0	18	-100.0%	0	0.0%	70	492	-85.8%
JET FUEL BRG FOB RDM VS I	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%
JET FUEL UP-DOWN BALMO CL	6,855	3,830	79.0%	4,830	41.9%	21,334	34,074	-37.4%
JKM LNG Futures	2,880	525	448.6%	792	263.6%	8,976	3,970	126.1%
LA CARB DIESEL (OPIS)	0	0	0.0%	0	-	0	0	0.0%
LA CARB DIESEL (OPIS) SWA	10	450	-97.8%	0	0.0%	295	1,450	-79.7%
LA CARBOB GASOLINE(OPIS)S	325	650	-50.0%	100	225.0%	2,000	3,925	-49.0%
LA JET FUEL VS NYM NO 2 H	0	0	0.0%	0	-	0	0	0.0%
LA JET (OPIS) SWAP	875	2,345	-62.7%	1,720	-49.1%	6,370	11,880	-46.4%
LLS (ARGUS) CALENDAR SWAP	0	0	-	0	0.0%	0	0	-
LLS (ARGUS) VS WTI SWAP	830	17,273	-95.2%	4,681	-82.3%	14,699	36,495	-59.7%
LOS ANGELES CARB GASOLINE	0	0	-	0	0.0%	0	0	-
LTD NAT GAS	280,360	333,019	-15.8%	290,539	-3.5%	1,584,087	1,830,147	-13.4%
MARS (ARGUS) VS WTI SWAP	1,800	2,500	-28.0%	560	221.4%	9,765	17,045	-42.7%
MARS (ARGUS) VS WTI TRD M	14,500	27,575	-47.4%	21,792	-33.5%	100,635	142,211	-29.2%
MARS BLEND CRUDE OIL	0	600	-100.0%	0	0.0%	0	2,119	-100.0%
MCCLOSKEY ARA ARGS COAL	28,521	21,652	31.7%	26,045	9.5%	139,711	128,392	8.8%
MCCLOSKEY RCH BAY COAL	1,503	3,414	-56.0%	2,327	-35.4%	12,274	17,434	-29.6%
MGF FUT	0	0	0.0%	0	0.0%	0	130	-100.0%
MGN1 SWAP FUT	60	80	-25.0%	0	0.0%	230	463	-50.3%
MICHIGAN BASIS	0	0	0.0%	0	0.0%	0	0	0.0%
MICHIGAN MISO	0	0	0.0%	0	0.0%	0	0	0.0%
MINI GAS EUROBOB OXY NWE A	304	314	-3.2%	67	353.7%	1,007	1,703	-40.9%
MINI RBOB V. EBOBARG NWE BF	170	310	-45.2%	1,174	-85.5%	2,940	1,363	115.7%
MINI RBOB V. EBOB(ARGUS) NW	4,067	1,598	154.5%	2,703	50.5%	12,459	7,815	59.4%
MINY HTG OIL	3	2	50.0%	4	-25.0%	17	15	13.3%
MINY NATURAL GAS	24,233	15,948	52.0%	20,761	16.7%	130,322	148,926	-12.5%
MINY RBOB GAS	6	3	100.0%	3	100.0%	30	15	100.0%
MINY WTI CRUDE OIL	512,407	408,772	25.4%	299,535	71.1%	2,067,558	1,596,027	29.5%
MJC FUT	40	120	-66.7%	0	0.0%	150	1,090	-86.2%
MNC FUT	4,137	4,336	-4.6%	4,109	0.7%	21,497	18,823	14.2%
MONT BELVIEU ETHANE 5 DECI	10,108	17,247	-41.4%	14,964	-32.5%	65,900	78,636	-16.2%
MONT BELVIEU ETHANE OPIS B	95	125	-24.0%	149	-36.2%	839	780	7.6%
MONT BELVIEU LDH PROPANE 5	138,967	127,629	8.9%	172,739	-19.6%	699,447	664,910	5.2%
MONT BELVIEU LDH PROPANE C	3,998	2,057	94.4%	1,126	255.1%	16,898	16,101	5.0%
MONT BELVIEU NATURAL GASO	8,244	8,359	-1.4%	8,227	0.2%	40,874	47,043	-13.1%
MONT BELVIEU NATURAL GASO	405	356	13.8%	310	30.6%	2,924	2,129	37.3%

*** 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.

CMEG Exchange Volume Report - Monthly

	VOLUME MAY 2019	VOLUME MAY 2018	% CHG	VOLUME APR 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Energy Futures								
MONT BELVIEU NORMAL BUTAN	57,721	36,322	58.9%	44,583	29.5%	207,496	153,842	34.9%
MONT BELVIEU NORMAL BUTAN	1,839	681	170.0%	1,247	47.5%	7,620	4,500	69.3%
NAT GAS BASIS SWAP	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS	106,603	97,332	9.5%	106,111	0.5%	549,193	688,234	-20.2%
NATURAL GAS FIXED PRICE SW	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS INDEX	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS PEN SWP	36,993	51,919	-28.7%	31,025	19.2%	147,870	213,609	-30.8%
NATURAL GAS PHY	7,049,809	8,241,509	-14.5%	6,944,001	1.5%	36,567,585	46,580,969	-21.5%
NEPOOL CNCTCT 5MW D AH O	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL CONECTIC 5MW D AH	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL INTR HUB 5MW D AH	0	8,703	-100.0%	0	0.0%	16,560	74,038	-77.6%
NEPOOL NE MASS 5MW D AH O	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL NE MASS 5MW D AH P	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%
NEPOOL RHODE IL 5MW D AH	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL W CNT MASS 5MW D A	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%
NEW ENGLAND HUB PEAK DAIL	0	0	0.0%	0	0.0%	0	0	0.0%
NEW YORK ETHANOL SWAP	855	1,220	-29.9%	305	180.3%	3,447	8,681	-60.3%
NEW YORK HUB ZONE G PEAK	0	0	0.0%	0	0.0%	0	0	0.0%
NEW YORK HUB ZONE J PEAK	0	0	0.0%	0	0.0%	0	0	0.0%
NGPL MID-CONTINENT	0	0	0.0%	0	0.0%	1,240	400	210.0%
NGPL TEX/OK	0	0	0.0%	2,576	-100.0%	2,576	22,836	-88.7%
N ILLINOIS HUB DAILY	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%
NO 2 UP-DOWN SPREAD CALEN	100	383	-73.9%	0	0.0%	675	1,918	-64.8%
NORTHEN NATURAL GAS DEMA	0	0	0.0%	0	0.0%	0	0	0.0%
NORTHEN NATURAL GAS VENTL	0	0	0.0%	0	0.0%	0	100	-100.0%
NORTHERN ILLINOIS OFF-PEA	0	0	0.0%	0	-	0	0	0.0%
NORTHWEST ROCKIES BASIS S	0	0	0.0%	0	0.0%	3,106	0	0.0%
N ROCKIES PIPE SWAP	0	0	0.0%	0	0.0%	0	0	0.0%
NY1% VS GC SPREAD SWAP	710	475	49.5%	150	373.3%	2,475	7,576	-67.3%
NY 2.2% FUEL OIL (PLATTS	0	0	0.0%	0	-	0	0	0.0%
NY 3.0% FUEL OIL (PLATTS	250	25	900.0%	75	233.3%	775	1,000	-22.5%
NY HARBOR 1% FUEL OIL BAL	0	0	0.0%	0	0.0%	0	0	0.0%
NY HARBOR HEAT OIL SWP	6,446	1,611	300.1%	490	1,215.5%	12,624	7,556	67.1%
NY HARBOR LOW SULPUR GAS	0	175	-100.0%	75	-100.0%	390	2,650	-85.3%
NY HARBOR RESIDUAL FUEL 1	597	1,687	-64.6%	1,083	-44.9%	4,556	6,223	-26.8%
NY HARBOR RESIDUAL FUEL C	0	0	-	0	0.0%	0	0	-
NYH NO 2 CRACK SPREAD CAL	260	1,155	-77.5%	480	-45.8%	1,605	6,332	-74.7%
NYISO A	0	0	0.0%	0	-	0	0	0.0%
NYISO A OFF-PEAK	0	0	0.0%	0	-	0	0	0.0%
NYISO CAPACITY	0	210	-100.0%	0	0.0%	300	768	-60.9%
NYISO G	0	0	0.0%	0	-	0	0	0.0%
NYISO G OFF-PEAK	0	0	0.0%	0	-	0	0	0.0%
NYISO J	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%
NYISO ZONE A 5MW D AH O P	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%
NYISO ZONE C 5MW D AH O P	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.

CMEG Exchange Volume Report - Monthly

	VOLUME MAY 2019	VOLUME MAY 2018	% CHG	VOLUME APR 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Energy Futures								
NYISO ZONE C 5MW D AH PK	0	0	0.0%	0	-	0	0	0.0%
NYISO ZONE G 5MW D AH O P	32,704	158,984	-79.4%	8,160	300.8%	46,384	551,334	-91.6%
NYISO ZONE G 5MW D AH PK	1,799	11,264	-84.0%	0	0.0%	1,799	16,774	-89.3%
NYISO ZONE J 5MW D AH O P	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%
NYMEX ALUMINUM FUTURES	0	0	0.0%	0	0.0%	0	0	0.0%
NYMEX ULSD VS NYMEX HO	0	0	0.0%	0	0.0%	1,450	0	0.0%
NY ULSD (ARGUS) VS HEATING	74	134	-44.8%	750	-90.1%	1,241	134	826.1%
ONEOK OKLAHOMA NG BASIS	0	0	0.0%	0	0.0%	0	0	0.0%
ONTARIO POWER SWAPS	100	0	0.0%	0	0.0%	100	10	900.0%
PANHANDLE BASIS SWAP FUTU	0	0	0.0%	0	0.0%	0	275	-100.0%
PANHANDLE PIPE SWAP	0	0	0.0%	0	0.0%	0	0	0.0%
PERMIAN BASIS SWAP	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	3,346	5,908	-43.4%	3,391	-1.3%	16,555	27,158	-39.0%
PETRO CRCKS & SPRDS ASIA	56	0	0.0%	102	-45.1%	186	509	-63.5%
PETRO CRCKS & SPRDS NA	36,622	59,119	-38.1%	47,750	-23.3%	210,946	229,784	-8.2%
PETRO CRK&SPRD EURO	2,300	10,852	-78.8%	4,080	-43.6%	19,551	49,091	-60.2%
PETROLEUM PRODUCTS	3,510	2,736	28.3%	3,415	2.8%	16,999	25,568	-33.5%
PETROLEUM PRODUCTS ASIA	1,925	1,784	7.9%	1,392	38.3%	8,535	11,640	-26.7%
PETRO OUTRIGHT EURO	4,711	5,312	-11.3%	3,768	25.0%	20,323	27,194	-25.3%
PETRO OUTRIGHT NA	8,309	7,127	16.6%	5,783	43.7%	32,162	36,323	-11.5%
PJM AD HUB 5MW REAL TIME	24,645	0	0.0%	0	0.0%	96,040	35,545	170.2%
PJM AECO DA OFF-PEAK	0	0	0.0%	0	-	0	0	0.0%
PJM AECO DA PEAK	0	0	0.0%	0	-	0	0	0.0%
PJM APS ZONE DA OFF-PEAK	0	0	0.0%	0	-	0	0	0.0%
PJM APS ZONE DA PEAK	0	0	0.0%	0	-	0	0	0.0%
PJM ATSI ELEC	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%
PJM BGE DA PEAK	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%
PJM COMED 5MW D AH PK	0	0	0.0%	0	0.0%	0	0	0.0%
PJM DAILY	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%
PJM DAYTON DA PEAK	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%
PJM JCPL DA PEAK	0	0	0.0%	0	-	0	0	0.0%
PJM MONTHLY	0	0	0.0%	0	0.0%	0	0	0.0%
PJM NI HUB 5MW REAL TIME	24,645	0	0.0%	0	0.0%	24,645	5,100	383.2%
PJM NILL DA OFF-PEAK	0	0	0.0%	0	0.0%	0	0	0.0%
PJM NILL DA PEAK	0	0	0.0%	0	0.0%	0	22	-100.0%
PJM OFF-PEAK LMP SWAP FUT	0	0	0.0%	0	0.0%	0	0	0.0%
PJM PECO ZONE5MW PEAK CAL	0	0	-	0	0.0%	0	0	-
PJM PPL DA OFF-PEAK	0	0	0.0%	0	-	0	0	0.0%
PJM PPL DA PEAK	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%
PJM PSEG DA PEAK	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WESTH DA OFF-PEAK	0	0	0.0%	0	0.0%	0	78,410	-100.0%
PJM WESTHDA PEAK	0	0	0.0%	0	0.0%	0	4,250	-100.0%
PJM WESTH RT OFF-PEAK	0	97,720	-100.0%	0	0.0%	23,400	270,800	-91.4%
PJM WESTH RT PEAK	19,941	1,715	1,062.7%	4,296	364.2%	39,920	36,169	10.4%

*** 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.

CMEG Exchange Volume Report - Monthly

	VOLUME MAY 2019	VOLUME MAY 2018	% CHG	VOLUME APR 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Energy Futures								
PLASTICS	760	410	85.4%	460	65.2%	4,125	1,932	113.5%
PREMIUM UNLD 10P FOB MED	50	112	-55.4%	118	-57.6%	710	1,438	-50.6%
PREMIUM UNLEAD 10PPM FOB	0	84	-100.0%	0	0.0%	18	249	-92.8%
PREM UNL GAS 10PPM RDAM F	0	0	0.0%	0	0.0%	20	80	-75.0%
PREM UNL GAS 10PPM RDAM F	0	54	-100.0%	0	0.0%	30	64	-53.1%
PROPANE NON-LDH MB (OPIS) B	75	405	-81.5%	1,124	-93.3%	8,249	2,656	210.6%
PROPANE NON-LDH MT. BEL (OF	15,918	18,252	-12.8%	18,001	-11.6%	88,437	60,943	45.1%
RBOB CALENDAR SWAP	9,901	4,767	107.7%	8,994	10.1%	34,415	22,250	54.7%
RBOB CRACK SPREAD	2,100	2,710	-22.5%	2,015	4.2%	6,645	7,178	-7.4%
RBOB CRACK SPREAD BALMO S	25	0	0.0%	0	-	25	0	0.0%
RBOB GAS	0	1,010	-100.0%	60	-100.0%	60	14,338	-99.6%
RBOB GASOLINE BALMO CLNDR	805	1,526	-47.2%	1,598	-49.6%	5,106	6,788	-24.8%
RBOB PHY	4,833,496	4,569,079	5.8%	5,243,864	-7.8%	22,714,871	20,734,872	9.5%
RBOB SPREAD (PLATTS) SWAP	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB VS HEATING OIL SWAP	0	0	0.0%	0	0.0%	75	1,150	-93.5%
SAN JUAN BASIS SWAP	0	0	0.0%	0	0.0%	0	31	-100.0%
SAN JUAN PIPE SWAP	0	0	0.0%	0	0.0%	0	360	-100.0%
SINGAPORE 180CST BALMO	10	113	-91.2%	26	-61.5%	73	295	-75.3%
SINGAPORE 380CST BALMO	26	579	-95.5%	83	-68.7%	224	988	-77.3%
SINGAPORE 380CST FUEL OIL	3,620	12,793	-71.7%	2,582	40.2%	15,961	40,314	-60.4%
SINGAPORE FUEL 180CST CAL	206	1,798	-88.5%	486	-57.6%	1,527	5,162	-70.4%
SINGAPORE FUEL OIL SPREAD	28	758	-96.3%	15	86.7%	273	4,898	-94.4%
SINGAPORE GASOIL	5,119	4,538	12.8%	4,846	5.6%	26,952	29,436	-8.4%
SINGAPORE GASOIL CALENDAR	174	180	-3.3%	19	815.8%	863	4,924	-82.5%
SINGAPORE GASOIL SWAP	558	1,316	-57.6%	1,384	-59.7%	5,479	22,483	-75.6%
SINGAPORE GASOIL VS ICE	0	12,675	-100.0%	0	0.0%	4,340	86,735	-95.0%
SINGAPORE JET KERO BALMO	0	0	0.0%	0	0.0%	0	165	-100.0%
SINGAPORE JET KERO GASOIL	0	3,225	-100.0%	0	0.0%	100	22,520	-99.6%
SINGAPORE JET KEROSENE SW	400	550	-27.3%	940	-57.4%	2,985	5,395	-44.7%
SINGAPORE JET KERO VS. GAS	0	0	0.0%	0	0.0%	0	25	-100.0%
SINGAPORE MOGAS 92 UNLEAD	0	650	-100.0%	450	-100.0%	1,375	2,313	-40.6%
SINGAPORE MOGAS 92 UNLEAD	4,532	8,580	-47.2%	13,922	-67.4%	70,932	72,284	-1.9%
SINGAPORE NAPHTHA SWAP	0	0	0.0%	0	0.0%	0	200	-100.0%
SING FUEL	0	10	-100.0%	0	0.0%	0	65	-100.0%
SOCAL PIPE SWAP	0	0	0.0%	0	-	0	0	0.0%
SONAT BASIS SWAP FUTURE	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%
Sumas Basis Swap	0	0	0.0%	0	0.0%	0	91	-100.0%
SUMAS NAT GAS PLATTS FIXED	0	0	0.0%	0	-	0	0	0.0%
TC2 ROTTERDAM TO USAC 37K	130	0	0.0%	250	-48.0%	1,110	548	102.6%
TC5 RAS TANURA TO YOKOHAM	225	0	0.0%	280	-19.6%	1,745	240	627.1%
TCO BASIS SWAP	0	0	0.0%	0	0.0%	0	0	0.0%
TCO NG INDEX SWAP	0	0	0.0%	0	-	0	0	0.0%
TD3 MEG TO JAPAN 250K MT	6,975	945	638.1%	3,015	131.3%	21,961	2,910	654.7%
TENNESSEE 500 LEG BASIS S	0	0	0.0%	0	-	0	0	0.0%
TENNESSEE 800 LEG NG BASI	0	0	0.0%	0	-	0	0	0.0%
TENNESSEE ZONE 0 BASIS SW	0	0	0.0%	0	0.0%	0	0	0.0%
TETCO M-3 INDEX	0	0	0.0%	0	-	0	0	0.0%
Tetco STX Basis	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%

*** 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.

CMEG Exchange Volume Report - Monthly

	VOLUME MAY 2019	VOLUME MAY 2018	% CHG	VOLUME APR 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Energy Futures								
TEXAS GAS ZONE1 NG BASIS	0	0	0.0%	0	0.0%	0	0	0.0%
Transco Zone 3 Basis	0	0	0.0%	0	0.0%	0	0	0.0%
TRANSCO ZONE 3 NG INDEX S	0	0	0.0%	0	-	0	0	0.0%
TRANSCO ZONE4 BASIS SWAP	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%
TRANSCO ZONE 6 BASIS SWAP	0	0	0.0%	0	0.0%	0	0	0.0%
TRANSCO ZONE 6 INDEX	0	0	0.0%	0	-	0	0	0.0%
UCM FUT	0	0	0.0%	0	0.0%	20	50	-60.0%
UK NBP NAT GAS CAL MTH FUT	20	8,865	-99.8%	355	-94.4%	3,149	23,795	-86.8%
ULSD 10PPM CIF MED SWAP	0	0	0.0%	0	-	0	0	0.0%
ULSD 10PPM CIF MED VS ICE	0	0	0.0%	0	0.0%	0	14	-100.0%
ULSD 10PPM CIF NW BALMO S	0	0	0.0%	0	-	0	0	0.0%
ULSD UP-DOWN BALMO SWP	4,475	7,275	-38.5%	3,400	31.6%	27,945	27,040	3.3%
UP DOWN GC ULSD VS NMX HO	38,337	32,294	18.7%	20,310	88.8%	141,836	171,146	-17.1%
WAHA BASIS	150	276	-45.7%	75	100.0%	650	3,201	-79.7%
WAHA INDEX SWAP FUTURE	0	0	0.0%	0	-	0	0	0.0%
WESTERN RAIL DELIVERY PRB	0	0	0.0%	0	0.0%	0	15	-100.0%
WTI-BRENT BULLET SWAP	0	0	0.0%	264	-100.0%	864	6,300	-86.3%
WTI-BRENT CALENDAR SWAP	40,822	39,023	4.6%	61,338	-33.4%	181,030	191,197	-5.3%
WTI CALENDAR	40,368	28,973	39.3%	68,900	-41.4%	232,350	182,526	27.3%
WTS (ARGUS) VS WTI SWAP	13,779	4,393	213.7%	1,845	646.8%	26,832	40,260	-33.4%
WTS (ARGUS) VS WTI TRD MT	780	90	766.7%	966	-19.3%	4,758	1,362	249.3%
Energy Options								
12 MO GASOIL CAL SWAP SPR	0	0	0.0%	0	-	0	0	0.0%
BRENT 1 MONTH CAL	0	0	0.0%	0	0.0%	0	3,000	-100.0%
BRENT CALENDAR SWAP	2,100	400	425.0%	240	775.0%	2,340	1,540	51.9%
BRENT CRUDE OIL 12 M CSO	0	0	0.0%	0	0.0%	0	2,000	-100.0%
BRENT CRUDE OIL 1 M CSO	1,050	61,630	-98.3%	9,000	-88.3%	31,150	316,374	-90.2%
BRENT CRUDE OIL 6 M CSO	0	0	0.0%	0	0.0%	0	1,000	-100.0%
BRENT OIL LAST DAY	227,057	193,640	17.3%	153,638	47.8%	773,308	735,693	5.1%
COAL API2 INDEX	50	1,845	-97.3%	35	42.9%	645	5,860	-89.0%
COAL API4 INDEX	0	0	0.0%	0	0.0%	0	85	-100.0%
COAL SWAP	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL	0	0	-	0	0.0%	150	0	-
CRUDE OIL 1MO	303,200	298,450	1.6%	318,157	-4.7%	1,309,661	1,049,710	24.8%
CRUDE OIL APO	27,784	66,495	-58.2%	81,180	-65.8%	261,384	295,411	-11.5%
CRUDE OIL CALNDR STRIP	0	0	0.0%	0	0.0%	200	170	17.6%
CRUDE OIL OUTRIGHTS	0	0	0.0%	0	0.0%	960	0	0.0%
CRUDE OIL PHY	3,714,802	4,035,501	-7.9%	2,896,662	28.2%	13,388,063	19,236,238	-30.4%
ELEC MISO PEAK	0	0	0.0%	0	-	0	0	0.0%
ETHANOL	0	150	-100.0%	0	0.0%	0	425	-100.0%
ETHANOL SWAP	11,608	10,375	11.9%	10,957	5.9%	43,597	43,925	-0.7%
EUROPEAN JET KEROSENE NW	0	0	0.0%	0	-	0	0	0.0%
GASOLINE	0	0	0.0%	0	-	0	0	0.0%
HEATING OIL CRACK OPTIONS	0	0	0.0%	0	-	0	0	0.0%
HEATING OIL CRK SPD AVG PRI	0	0	0.0%	0	-	0	0	0.0%
HEATING OIL PHY	40,714	26,536	53.4%	20,325	100.3%	140,910	161,045	-12.5%
HENRY HUB FINANCIAL LAST	9,252	3,411	171.2%	11,931	-22.5%	39,222	17,859	119.6%

*** 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.

CMEG Exchange Volume Report - Monthly

	VOLUME MAY 2019	VOLUME MAY 2018	% CHG	VOLUME APR 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Energy Options								
HO 1 MONTH CLNDR OPTIONS	0	0	0.0%	1,150	-100.0%	2,150	0	0.0%
LLS CRUDE OIL	0	0	0.0%	0	0.0%	0	100	-100.0%
MCCLOSKEY ARA ARGS COAL	0	135	-100.0%	0	0.0%	130	225	-42.2%
MCCLOSKEY RCH BAY COAL	100	150	-33.3%	50	100.0%	370	1,875	-80.3%
NATURAL GAS	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS 1 M CSO FIN	19,475	10,250	90.0%	12,000	62.3%	193,975	222,942	-13.0%
NATURAL GAS 2 M CSO FIN	75	0	0.0%	1,250	-94.0%	1,825	0	0.0%
NATURAL GAS 3 M CSO FIN	15,100	15,150	-0.3%	25,500	-40.8%	45,700	29,446	55.2%
NATURAL GAS 5 M CSO FIN	250	0	0.0%	0	0.0%	250	2,550	-90.2%
NATURAL GAS 6 M CSO FIN	4,100	2,000	105.0%	11,300	-63.7%	32,475	65,650	-50.5%
NATURAL GAS OPTION ON CALE	600	900	-33.3%	400	50.0%	8,300	19,308	-57.0%
NATURAL GAS PHY	1,408,607	1,706,611	-17.5%	1,353,860	4.0%	7,617,196	10,879,779	-30.0%
NATURAL GAS WINTER STRIP	1,300	0	-	0	0.0%	1,300	0	-
N ROCKIES PIPE SWAP	546	736	-25.8%	1,026	-46.8%	1,572	736	113.6%
NY HARBOR HEAT OIL SWP	6,691	3,895	71.8%	396	1,589.6%	11,565	15,638	-26.0%
NYISO ZONE G 5MW PEAK OPTI	0	0	0.0%	0	0.0%	0	0	0.0%
NYMEX EUROPEAN GASOIL APO	0	0	0.0%	0	-	0	0	0.0%
PANHANDLE PIPE SWAP	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	260	708	-63.3%	537	-51.6%	2,264	4,191	-46.0%
PETRO OUTRIGHT EURO	0	0	0.0%	0	0.0%	24	0	0.0%
PETRO OUTRIGHT NA	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WES HUB PEAK CAL MTH	0	0	0.0%	40	-100.0%	160	1,130	-85.8%
PJM WES HUB PEAK LMP 50MW	0	1,064	-100.0%	0	0.0%	836	5,339	-84.3%
RBOB 1MO CAL SPD OPTIONS	0	0	0.0%	0	0.0%	150	500	-70.0%
RBOB CALENDAR SWAP	0	55	-100.0%	0	0.0%	237	965	-75.4%
RBOB CRACK	0	0	-	0	0.0%	0	0	-
RBOB PHY	19,270	13,805	39.6%	33,287	-42.1%	86,840	60,364	43.9%
ROTTERDAM 3.5%FUEL OIL CL	0	0	0.0%	0	0.0%	0	0	0.0%
SAN JUAN PIPE SWAP	910	336	170.8%	0	0.0%	910	1,236	-26.4%
SHORT TERM	17	1,118	-98.5%	26	-34.6%	1,843	4,968	-62.9%
SHORT TERM NATURAL GAS	604	4,302	-86.0%	25	2,316.0%	4,629	11,981	-61.4%
SINGAPORE GASOIL CALENDAR	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE JET FUEL CALEND	0	0	0.0%	0	0.0%	0	0	0.0%
SOCAL PIPE SWAP	0	0	0.0%	0	-	0	0	0.0%
WTI-BRENT BULLET SWAP	50,150	95,991	-47.8%	46,275	8.4%	281,930	622,479	-54.7%
WTI CRUDE OIL 1 M CSO FI	48,415	82,700	-41.5%	110,950	-56.4%	309,715	403,750	-23.3%

*** 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.

CMEG Exchange Volume Report - Monthly

	VOLUME MAY 2019	VOLUME MAY 2018	% CHG	VOLUME APR 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
FX Futures								
AD/CD CROSS RATES	31	13	138.5%	19	63.2%	102	39	161.5%
AD/JY CROSS RATES	4,328	3,016	43.5%	2,855	51.6%	16,098	18,988	-15.2%
AD/NE CROSS RATES	137	51	168.6%	109	25.7%	378	386	-2.1%
AUSTRALIAN DOLLAR	2,192,811	2,585,813	-15.2%	1,966,144	11.5%	10,645,765	12,189,881	-12.7%
BDI	0	0	0.0%	0	-	0	0	0.0%
BP/JY CROSS RATES	3,162	2,684	17.8%	1,983	59.5%	11,361	18,179	-37.5%
BP/SF CROSS RATES	588	523	12.4%	283	107.8%	2,024	1,690	19.8%
BRAZIL REAL	187,252	173,964	7.6%	149,448	25.3%	700,979	675,496	3.8%
BRITISH POUND	2,340,748	2,838,921	-17.5%	1,911,613	22.4%	12,161,057	13,785,371	-11.8%
CANADIAN DOLLAR	1,735,073	1,964,362	-11.7%	1,538,325	12.8%	7,922,362	8,948,763	-11.5%
CD/JY CROSS RATES	54	204	-73.5%	47	14.9%	119	964	-87.7%
CHINESE RENMINBI (CNH)	31,669	2,345	1,250.5%	16,689	89.8%	126,846	11,850	970.4%
CZECK KORUNA (EC)	0	0	-	0	0.0%	10	0	-
CZECK KORUNA (US)	0	0	-	0	0.0%	0	0	-
EC/AD CROSS RATES	3,377	807	318.5%	2,517	34.2%	21,453	7,544	184.4%
EC/CD CROSS RATES	2,232	2,051	8.8%	1,720	29.8%	12,740	18,246	-30.2%
EC/NOK CROSS RATES	730	310	135.5%	382	91.1%	2,402	1,537	56.3%
EC/SEK CROSS RATES	372	182	104.4%	175	112.6%	3,197	3,230	-1.0%
EFX/BP CROSS RATES	75,914	56,033	35.5%	55,276	37.3%	442,180	387,204	14.2%
EFX/JY CROSS RATES	46,519	102,021	-54.4%	30,922	50.4%	303,371	425,602	-28.7%
EFX/SF CROSS RATES	31,008	34,652	-10.5%	29,809	4.0%	154,874	144,646	7.1%
E-MICRO AUD/USD	109,083	107,774	1.2%	122,906	-11.2%	610,910	507,275	20.4%
E-MICRO CAD/USD	19,444	15,697	23.9%	15,081	28.9%	81,845	90,802	-9.9%
E-MICRO CHF/USD	1,787	1,438	24.3%	1,099	62.6%	8,969	6,616	35.6%
E-MICRO EUR/USD	228,070	479,033	-52.4%	263,239	-13.4%	1,255,779	2,044,247	-38.6%
E-MICRO GBP/USD	30,393	35,874	-15.3%	37,017	-17.9%	224,901	270,095	-16.7%
E-MICRO INR/USD	3,793	5,706	-33.5%	4,614	-17.8%	24,152	18,673	29.3%
E-MICRO JPY/USD	32,131	31,063	3.4%	19,499	64.8%	140,276	170,835	-17.9%
E-MINI EURO FX	90,737	122,313	-25.8%	87,099	4.2%	458,110	518,522	-11.7%
E-MINI JAPANESE YEN	8,583	11,649	-26.3%	7,331	17.1%	53,212	63,220	-15.8%
EURO FX	3,879,460	7,312,128	-46.9%	3,915,428	-0.9%	20,781,208	29,173,304	-28.8%
HUNGARIAN FORINT (EC)	0	0	0.0%	0	0.0%	0	18	-100.0%
HUNGARIAN FORINT (US)	2	0	-	2	0.0%	8	0	-
INDIAN RUPEE	50,778	104,437	-51.4%	58,338	-13.0%	352,843	454,751	-22.4%
JAPANESE YEN	3,223,010	3,248,156	-0.8%	2,126,552	51.6%	12,936,269	16,360,579	-20.9%
KOREAN WON	835	114	632.5%	209	299.5%	3,013	1,301	131.6%
MEXICAN PESO	1,381,545	1,667,380	-17.1%	988,730	39.7%	6,476,886	6,917,667	-6.4%
NEW ZEALND DOLLAR	551,622	787,980	-30.0%	525,716	4.9%	2,864,790	3,431,662	-16.5%
NKR/USD CROSS RATE	4,405	4,553	-3.3%	3,664	20.2%	19,946	20,728	-3.8%
POLISH ZLOTY (EC)	8	16	-50.0%	159	-95.0%	440	64	587.5%
POLISH ZLOTY (US)	60	81	-25.9%	71	-15.5%	561	567	-1.1%
RMB USD	3	1	200.0%	1	200.0%	5	16	-68.8%
RUSSIAN RUBLE	44,799	45,588	-1.7%	34,426	30.1%	321,308	334,777	-4.0%
S.AFRICAN RAND	38,209	51,395	-25.7%	20,127	89.8%	200,416	221,644	-9.6%
SF/JY CROSS RATES	0	0	0.0%	0	0.0%	7	192	-96.4%
SHEKEL	0	40	-100.0%	0	0.0%	0	1,762	-100.0%
SKR/USD CROSS RATES	2,264	4,009	-43.5%	2,223	1.8%	14,631	20,274	-27.8%
SWISS FRANC	526,265	626,339	-16.0%	514,303	2.3%	2,540,251	3,016,602	-15.8%
TURKISH LIRA	120	1,933	-93.8%	351	-65.8%	4,206	20,605	-79.6%
USDZAR	0	0	0.0%	0	0.0%	20	5	300.0%

*** 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.

CMEG Exchange Volume Report - Monthly

	VOLUME MAY 2019	VOLUME MAY 2018	% CHG	VOLUME APR 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
FX Options								
AUD/USD PQO 2pm Fix	135,108	122,000	10.7%	105,347	28.3%	532,707	681,418	-21.8%
AUSTRALIAN DLR (EU)	0	0	0.0%	0	-	0	0	0.0%
AUSTRALIAN DOLLAR	0	0	0.0%	0	-	0	0	0.0%
BRAZIL REAL	54	0	-	0	-	54	0	-
BRITISH POUND	0	0	0.0%	0	-	0	0	0.0%
BRITISH POUND (EU)	0	111	-100.0%	0	0.0%	0	228	-100.0%
CAD/USD PQO 2pm Fix	108,433	179,330	-39.5%	118,520	-8.5%	538,003	877,531	-38.7%
CANADIAN DOLLAR	0	0	0.0%	0	-	0	0	0.0%
CANADIAN DOLLAR (EU)	0	0	0.0%	0	0.0%	0	63	-100.0%
CHF/USD PQO 2pm Fix	2,183	4,847	-55.0%	3,892	-43.9%	13,352	13,252	0.8%
EFX/BP CROSS RATES	0	0	-	0	0.0%	74	0	-
EFX/JY CROSS RATES	0	0	0.0%	0	0.0%	0	2,870	-100.0%
EURO FX	0	0	0.0%	0	-	0	0	0.0%
EURO FX (EU)	0	7	-100.0%	0	0.0%	0	28	-100.0%
EUR/USD PQO 2pm Fix	530,810	1,012,013	-47.5%	579,037	-8.3%	2,702,672	4,270,409	-36.7%
GBP/USD PQO 2pm Fix	153,995	234,291	-34.3%	177,878	-13.4%	972,634	1,260,730	-22.9%
JAPANESE YEN	0	0	0.0%	0	-	0	0	0.0%
JAPANESE YEN (EU)	0	0	0.0%	0	0.0%	0	0	0.0%
JPY/USD PQO 2pm Fix	275,713	259,848	6.1%	237,418	16.1%	1,069,476	1,389,694	-23.0%
MEXICAN PESO	1,526	2,081	-26.7%	1,019	49.8%	7,652	10,587	-27.7%
NEW ZEALND DOLLAR	120	0	-	187	-35.8%	2,453	0	-
SWISS FRANC	0	0	0.0%	0	-	0	0	0.0%
SWISS FRANC (EU)	0	0	0.0%	0	-	0	0	0.0%
Aggs Futures								
FERTILIZER PRODUCS	1,500	1,240	21.0%	1,500	0.0%	7,100	5,565	27.6%
Foreign Exchange Futures								
CHILEAN PESO	10	829	-98.8%	400	-97.5%	410	12,741	-96.8%
Foreign Exchange Options								
AUD/USD PQO 2pm Fix	982	1,798	-45.4%	1,216	-19.2%	5,006	3,864	29.6%

*** 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.

CMEG Exchange Volume Report - Monthly

	VOLUME MAY 2019	VOLUME MAY 2018	% CHG	VOLUME APR 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Ag Products Futures								
BUTTER CS	4,259	3,801	12.0%	3,772	12.9%	19,346	22,376	-13.5%
CASH-SETTLED CHEESE	9,112	8,732	4.4%	9,891	-7.9%	58,087	45,750	27.0%
CATTLE	1,760,772	1,680,406	4.8%	1,440,563	22.2%	7,777,435	7,168,823	8.5%
CAT WEATHER EUROPEAN	1,200	0	-	2,000	-40.0%	3,200	0	-
CDD SEASONAL STRIP	0	50	-100.0%	350	-100.0%	450	50	800.0%
CDD WEATHER	4,925	1,050	369.0%	100	4,825.0%	7,025	2,150	226.7%
CHI WHEAT	2,879,585	3,416,514	-15.7%	3,062,639	-6.0%	13,889,140	16,366,309	-15.1%
CLASS IV MILK	2,117	455	365.3%	3,564	-40.6%	13,795	2,961	365.9%
COCOA TAS	0	0	0.0%	0	0.0%	0	5	-100.0%
COFFEE	0	0	0.0%	0	-	0	0	0.0%
CORN	13,559,792	8,164,275	66.1%	10,348,023	31.0%	48,132,476	44,462,059	8.3%
COTTON	6	0	0.0%	0	0.0%	9	2	350.0%
DJ_UBS ROLL SELECT INDEX FU	112	0	0.0%	0	0.0%	3,888	4,594	-15.4%
DOW-UBS COMMOD INDEX	44,812	51,467	-12.9%	19,244	132.9%	201,247	351,053	-42.7%
DRY WHEY	1,482	1,311	13.0%	1,248	18.8%	7,153	6,064	18.0%
FEEDER CATTLE	337,636	269,509	25.3%	367,089	-8.0%	1,599,503	1,491,668	7.2%
FERTILIZER PRODUCTS	2,385	3,125	-23.7%	2,300	3.7%	10,325	11,180	-7.6%
GOLDMAN SACHS	28,163	33,673	-16.4%	27,466	2.5%	145,594	158,403	-8.1%
GSCI EXCESS RETURN FUT	5,673	1,221	364.6%	3,944	43.8%	128,219	128,384	-0.1%
HDD EURO SEASONAL STRIP	0	0	0.0%	0	-	0	0	0.0%
HDD SEASONAL STRIP	0	0	0.0%	0	0.0%	0	0	0.0%
HDD WEATHER	0	0	0.0%	0	0.0%	2,100	505	315.8%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0.0%	3,000	0	0.0%
HOGS	1,435,164	1,236,082	16.1%	1,353,304	6.0%	6,599,697	5,277,446	25.1%
HOUSING INDEX	3	7	-57.1%	19	-84.2%	69	37	86.5%
Intercommodity Spread	0	0	-	0	0.0%	0	0	-
KC WHEAT	1,391,891	1,195,181	16.5%	1,549,989	-10.2%	6,721,013	7,198,983	-6.6%
LUMBER	13,524	22,211	-39.1%	17,457	-22.5%	71,173	97,025	-26.6%
MALAYSIAN PALM SWAP	5,260	2,780	89.2%	3,460	52.0%	14,660	17,220	-14.9%
MILK	24,669	21,425	15.1%	26,149	-5.7%	126,588	100,156	26.4%
MINI CORN	26,659	11,380	134.3%	9,347	185.2%	57,355	53,298	7.6%
MINI SOYBEAN	24,729	14,240	73.7%	13,850	78.5%	87,621	135,992	-35.6%
MINI WHEAT	7,085	7,308	-3.1%	4,531	56.4%	24,772	30,924	-19.9%
MLK MID OPTIONS	0	0	0.0%	0	0.0%	0	0	0.0%
NFD MILK	7,074	4,199	68.5%	6,796	4.1%	35,320	26,905	31.3%
OATS	14,000	10,995	27.3%	19,410	-27.9%	70,875	78,161	-9.3%
ROUGH RICE	18,974	16,399	15.7%	26,449	-28.3%	98,197	89,943	9.2%
SOYBEAN	5,096,195	4,592,769	11.0%	4,801,506	6.1%	21,187,039	27,364,454	-22.6%
SOYBEAN MEAL	2,667,776	2,275,436	17.2%	2,796,374	-4.6%	11,861,944	13,881,317	-14.5%
SOYBEAN OIL	2,405,587	2,097,267	14.7%	3,012,561	-20.1%	12,306,827	13,123,046	-6.2%
S&P GSCI ENHANCED ER SWAP	0	0	0.0%	0	0.0%	14,870	18,790	-20.9%
SUGAR 11	0	0	0.0%	0	0.0%	0	58	-100.0%
USD CRUDE PALM OIL	1,022	880	16.1%	656	55.8%	6,814	2,360	188.7%
WHEAT	12,113	13,070	-7.3%	10,762	12.6%	67,243	39,792	69.0%
Ag Products Options								
AUG-NOV SOYBEAN CAL SPRD	0	0	0.0%	0	-	0	0	0.0%
BUTTER CS	5,204	5,152	1.0%	4,471	16.4%	21,962	18,457	19.0%
CASH-SETTLED CHEESE	9,660	7,868	22.8%	9,567	1.0%	53,550	46,345	15.5%

*** 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.

CMEG Exchange Volume Report - Monthly

	VOLUME MAY 2019	VOLUME MAY 2018	% CHG	VOLUME APR 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
Ag Products Options								
CATTLE	262,813	306,418	-14.2%	237,633	10.6%	1,080,956	1,421,426	-24.0%
CAT WEATHER EUROPEAN	0	0	-	2,000	-100.0%	2,000	0	-
CDD SEASONAL STRIP	0	600	-100.0%	3,000	-100.0%	5,000	600	733.3%
CDD WEATHER	0	0	0.0%	0	-	0	0	0.0%
CHI WHEAT	859,909	935,871	-8.1%	490,365	75.4%	3,642,748	4,116,327	-11.5%
CLASS IV MILK	3,025	930	225.3%	4,956	-39.0%	21,830	4,684	366.1%
CORN	5,754,783	2,656,898	116.6%	2,108,666	172.9%	13,657,871	10,542,912	29.5%
CORN NEARBY+2 CAL SPRD	6,955	220	3,061.4%	125	5,464.0%	15,551	6,928	124.5%
DEC-DEC CORN CAL SPRD	5,067	4,322	17.2%	2,174	133.1%	7,814	5,750	35.9%
DEC-JULY CORN CAL SPRD	7,630	1,500	408.7%	3,210	137.7%	14,540	1,500	869.3%
DEC-JULY WHEAT CAL SPRD	0	0	0.0%	0	0.0%	0	0	0.0%
DRY WHEY	1,652	675	144.7%	1,290	28.1%	5,448	2,393	127.7%
FEEDER CATTLE	47,899	26,890	78.1%	34,729	37.9%	159,596	170,214	-6.2%
HDD EURO SEASONAL STRIP	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%
HDD WEATHER	0	0	0.0%	0	0.0%	0	0	0.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	-	0	0	0.0%
HOGS	368,123	158,447	132.3%	428,578	-14.1%	1,830,131	923,764	98.1%
HOUSING INDEX	0	0	0.0%	0	0.0%	0	0	0.0%
Intercommodity Spread	320	639	-49.9%	100	220.0%	1,000	8,019	-87.5%
JAN-MAY SOYBEAN CAL SPRD	0	0	0.0%	0	-	0	0	0.0%
JULY-DEC CORN CAL SPRD	500	200	150.0%	2,660	-81.2%	8,145	9,519	-14.4%
JULY-DEC SOYMEAL CAL SPRD	0	0	-	0	0.0%	0	0	-
JULY-DEC SOY OIL CAL SPRD	0	0	0.0%	0	-	0	0	0.0%
JULY-DEC WHEAT CAL SPRD	0	650	-100.0%	50	-100.0%	1,350	1,370	-1.5%
JULY-NOV SOYBEAN CAL SPRD	1,965	3,799	-48.3%	415	373.5%	6,121	49,896	-87.7%
KC WHEAT	131,171	87,535	49.8%	60,345	117.4%	464,645	483,312	-3.9%
LUMBER	1,544	2,529	-38.9%	2,471	-37.5%	9,755	10,061	-3.0%
LV CATL CSO	20	83	-75.9%	10	100.0%	439	103	326.2%
MAR-JULY CORN CAL SPRD	0	0	0.0%	0	0.0%	0	0	0.0%
MAR-JULY WHEAT CAL SPRD	0	0	0.0%	0	0.0%	30	200	-85.0%
MILK	40,841	36,530	11.8%	42,788	-4.6%	190,512	141,932	34.2%
MLK MID OPTIONS	24	68	-64.7%	54	-55.6%	184	278	-33.8%
NFD MILK	4,487	3,634	23.5%	6,333	-29.1%	40,006	27,572	45.1%
NOV-JULY SOYBEAN CAL SPRD	2,200	0	0.0%	750	193.3%	3,000	1	299,900.0%
NOV-MAR SOYBEAN CSO	20	0	0.0%	0	0.0%	20	70	-71.4%
NOV-NOV SOYBEAN CAL SPRD	0	5	-100.0%	0	0.0%	114	18	533.3%
OATS	309	308	0.3%	586	-47.3%	3,334	2,203	51.3%
ROUGH RICE	2,063	1,884	9.5%	1,486	38.8%	10,740	6,684	60.7%
SEP-DEC SOYBEAN MEAL CSO	0	800	-100.0%	0	0.0%	0	800	-100.0%
SOYBEAN	2,049,579	1,965,113	4.3%	1,073,931	90.8%	6,073,762	8,842,293	-31.3%
SOYBEAN CRUSH	0	39	-100.0%	4	-100.0%	4	121	-96.7%
SOYBEAN MEAL	249,171	346,083	-28.0%	149,386	66.8%	817,409	1,709,758	-52.2%
SOYBEAN OIL	143,472	105,085	36.5%	103,969	38.0%	576,549	612,636	-5.9%
SOYBN NEARBY+2 CAL SPRD	5,500	0	0.0%	0	0.0%	5,500	0	0.0%
SOYMEAL NEARBY+2 CAL SPRD	0	0	0.0%	15	-100.0%	465	400	16.3%
WHEAT	9,851	200	4,825.5%	7,219	36.5%	27,484	764	3,497.4%
WHEAT-CORN ICSO	40	600	-93.3%	640	-93.8%	2,530	2,945	-14.1%
WHEAT NEARBY+2 CAL SPRD	0	405	-100.0%	960	-100.0%	2,240	7,301	-69.3%

*** 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.

CMEG Exchange Volume Report - Monthly

	VOLUME MAY 2019	VOLUME MAY 2018	% CHG	VOLUME APR 2019	% CHG	VOLUME Y.T.D 2019	VOLUME Y.T.D 2018	% CHG
TOTAL FUTURES GROUP								
Interest Rate Futures	229,844,224	205,263,823	12.0%	120,218,112	91.2%	814,217,046	867,763,334	-6.2%
Equity Index Futures	75,265,742	44,856,080	67.8%	39,086,347	92.6%	269,856,493	283,269,212	-4.7%
Metals Futures	11,504,952	13,654,062	-15.7%	10,008,731	14.9%	51,978,124	66,780,998	-22.2%
Energy Futures	49,734,026	52,776,776	-5.8%	47,096,400	5.6%	225,438,992	248,024,626	-9.1%
FX Futures	16,883,411	22,432,649	-24.7%	14,456,501	16.8%	81,902,280	100,306,419	-18.3%
Ags Futures	1,500	1,240	21.0%	1,500	0.0%	7,100	5,565	27.6%
Foreign Exchange Futures	10	829	-98.8%	400	-97.5%	410	12,741	-96.8%
Ag Products Futures	31,793,756	25,157,218	26.4%	28,944,813	9.8%	131,354,069	137,758,243	-4.6%
TOTAL FUTURES	415,027,621	364,142,677	14.0%	259,812,804	59.7%	1,574,754,514	1,703,921,138	-7.6%
TOTAL OPTIONS GROUP								
Equity Index Options	17,782,894	12,751,402	39.5%	9,559,819	86.0%	64,301,488	95,666,652	-32.8%
Interest Rate Options	74,343,222	50,031,352	48.6%	48,920,361	52.0%	288,229,542	277,317,224	3.9%
Metals Options	1,291,483	1,179,901	9.5%	1,084,764	19.1%	6,141,759	5,867,016	4.7%
Energy Options	5,914,087	6,638,339	-10.9%	5,100,197	16.0%	24,597,936	34,225,487	-28.1%
FX Options	1,207,942	1,814,528	-33.4%	1,223,298	-1.3%	5,839,077	8,506,810	-31.4%
Ag Products Options	9,975,797	6,661,980	49.7%	4,784,936	108.5%	28,764,335	29,179,556	-1.4%
Foreign Exchange Options	982	1,798	-45.4%	1,216	-19.2%	5,006	3,864	29.6%
TOTAL OPTIONS	110,516,407	79,079,300	39.8%	70,674,591	56.4%	417,879,143	450,766,609	-7.3%
TOTAL COMBINED								
Interest Rate	304,187,446	255,295,175	19.2%	169,138,473	79.8%	1,102,446,588	1,145,080,558	-3.7%
Equity Index	93,048,636	57,607,482	61.5%	48,646,166	91.3%	334,157,981	378,935,864	-11.8%
Metals	12,796,435	14,833,963	-13.7%	11,093,495	15.4%	58,119,883	72,648,014	-20.0%
Energy	55,648,113	59,415,115	-6.3%	52,196,597	6.6%	250,036,928	282,250,113	-11.4%
FX	18,091,353	24,247,177	-25.4%	15,679,799	15.4%	87,741,357	108,813,229	-19.4%
Ags	1,500	1,240	21.0%	1,500	0.0%	7,100	5,565	27.6%
Foreign Exchange	992	2,627	-62.2%	1,616	-38.6%	5,416	16,605	-67.4%
Ag Products	41,769,553	31,819,198	31.3%	33,729,749	23.8%	160,118,404	166,937,799	-4.1%
GRAND TOTAL	525,544,028	443,221,977	18.6%	330,487,395	59.0%	1,992,633,657	2,154,687,747	-7.5%

*** 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.