

## CMEG Exchange Volume Report - Monthly

	VOLUME JUL 2020	VOLUME JUL 2019	% CHG	VOIUME JUN 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
<b>Interest Rate Futures</b>								
10-YR NOTE	17,847,973	29,998,845	-40.5%	25,639,573	-30.4%	254,053,215	255,486,354	-0.6%
10-YR SWAP RATE	19,969	29,939	-33.3%	164,635	-87.9%	618,740	426,425	45.1%
15-YR SWAP RATE	0	0	0.0%	0	0.0%	0	5,500	-100.0%
1-MONTH EURODOLLAR	28	1	2,700.0%	47	-40.4%	537	187	187.2%
20-YR SWAP RATE	0	0	0.0%	0	0.0%	0	46	-100.0%
2-YR NOTE	4,419,042	11,126,116	-60.3%	6,637,065	-33.4%	90,446,307	99,556,559	-9.2%
2-YR SWAP RATE	3,627	58,543	-93.8%	49,795	-92.7%	166,581	349,315	-52.3%
30-YR BOND	5,080,811	5,736,208	-11.4%	5,747,329	-11.6%	53,458,486	47,859,127	11.7%
30-YR SWAP RATE	72	383	-81.2%	72	0.0%	1,296	5,110	-74.6%
3-YR NOTE	62,977	0	-	0	-	62,977	0	-
3-YR SWAP RATE	130	34,577	-99.6%	11,514	-98.9%	33,941	102,080	-66.8%
4-YR SWAP RATE	936	5,368	-82.6%	3,891	-75.9%	11,827	80,845	-85.4%
5-YR NOTE	9,499,461	18,801,436	-49.5%	14,360,966	-33.9%	154,292,297	168,544,875	-8.5%
5-YR SWAP RATE	25,538	65,745	-61.2%	69,737	-63.4%	454,171	562,509	-19.3%
7-YR SWAP RATE	290	4,070	-92.9%	2,393	-87.9%	14,887	35,412	-58.0%
EURODOLLARS	22,937,047	56,286,005	-59.2%	34,777,649	-34.0%	356,057,080	435,311,229	-18.2%
FED FUND	1,735,171	9,900,827	-82.5%	3,255,813	-46.7%	44,499,582	53,903,329	-17.4%
SOFR	751,826	816,688	-7.9%	877,239	-14.3%	6,367,411	4,344,610	46.6%
SONIA	255,791	292,367	-12.5%	135,711	88.5%	1,074,449	1,271,444	-15.5%
Ultra 10-Year Note	2,851,505	3,770,550	-24.4%	3,972,688	-28.2%	37,090,434	31,019,884	19.6%
ULTRA T-BOND	2,454,696	2,517,562	-2.5%	3,338,817	-26.5%	30,486,069	26,443,783	15.3%
<b>Interest Rate Options</b>								
10-YR NOTE	6,184,000	13,080,598	-52.7%	10,250,922	-39.7%	84,126,655	93,076,424	-9.6%
2-YR NOTE	72,670	462,984	-84.3%	112,479	-35.4%	1,936,670	3,518,674	-45.0%
30-YR BOND	2,153,574	2,533,864	-15.0%	2,055,049	4.8%	18,073,438	19,108,005	-5.4%
5-YR NOTE	1,153,494	5,040,172	-77.1%	2,557,909	-54.9%	24,647,779	33,531,111	-26.5%
EURODOLLARS	4,660,357	24,052,118	-80.6%	5,199,313	-10.4%	164,594,297	174,571,484	-5.7%
EURO MIDCURVE	5,497,563	9,542,577	-42.4%	8,097,114	-32.1%	55,516,226	104,410,900	-46.8%
FED FUND	0	18,709	-100.0%	0	0.0%	10,921	20,161	-45.8%
SOFR	200	0	-	25	700.0%	1,022	0	-
Ultra 10-Year Note	0	510	-100.0%	0	0.0%	15,996	17,456	-8.4%
ULTRA T-BOND	299	30,973	-99.0%	251	19.1%	13,351	125,795	-89.4%

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<b>Equity Index Futures</b>								
BITCOIN FUTURES	162,374	152,898	6.2%	131,419	23.6%	1,173,649	1,094,120	7.3%
DJ US REAL ESTATE	22,524	24,140	-6.7%	140,181	-83.9%	557,807	298,516	86.9%
E-mini (\$5) Dow	4,459,062	3,566,286	25.0%	6,025,096	-26.0%	38,973,464	30,514,503	27.7%
E-MINI COM SERVICES SELECT	1,630	4,210	-61.3%	11,010	-85.2%	35,872	40,659	-11.8%
E-mini FTSE 100 (USD)	0	0	0.0%	0	0.0%	0	336	-100.0%
E-mini FTSE China 50	2	0	0.0%	0	0.0%	2	711	-99.7%
E-MINI MIDCAP	278,221	276,230	0.7%	549,761	-49.4%	2,766,810	2,332,555	18.6%
E-MINI NASDAQ 100	12,107,779	7,921,111	52.9%	11,842,520	2.2%	87,379,156	67,712,703	29.0%
E-MINI RUSSELL 1000	1,381	2,040	-32.3%	21,158	-93.5%	63,673	61,054	4.3%
E-MINI RUSSELL 1000 GROWTH	3,063	866	253.7%	7,733	-60.4%	38,473	38,990	-1.3%
E-MINI RUSSELL 1000 VALUE	6,985	2,758	153.3%	17,049	-59.0%	64,869	102,331	-36.6%
E-MINI RUSSELL 2000	3,958,676	2,463,654	60.7%	5,990,783	-33.9%	31,997,245	20,614,832	55.2%
E-MINI S&P500	35,604,329	25,475,033	39.8%	52,945,789	-32.8%	324,058,431	225,823,906	43.5%
E-MINI S&P REAL ESTATE SELE	2,506	3,359	-25.4%	6,824	-63.3%	75,719	31,283	142.0%
FT-SE 100	0	0	0.0%	0	0.0%	0	372	-100.0%
FTSE Emerging	0	1,707	-100.0%	60	-100.0%	4,480	15,216	-70.6%
IBOVESPA INDEX	119	338	-64.8%	365	-67.4%	3,590	4,129	-13.1%
MICRO E-MINI NASDAQ 100	15,377,810	4,362,562	252.5%	13,515,935	13.8%	87,790,966	10,385,973	745.3%
MICRO E-MINI RUSSELL 2000	2,618,965	640,308	309.0%	3,043,848	-14.0%	14,669,945	1,559,195	840.9%
MICRO E-MINI S&P500	22,877,218	4,563,369	401.3%	24,368,888	-6.1%	129,368,221	13,911,414	829.9%
MICRO MINI \$5 DOW	2,992,751	1,066,878	180.5%	3,593,740	-16.7%	20,490,673	2,810,187	629.2%
NASDAQ BIOTECH	776	357	117.4%	984	-21.1%	4,847	2,213	119.0%
Nearby BTIC+	0	0	-	0	0.0%	1,177	0	-
NIFTY 50	0	0	0.0%	0	-	0	0	0.0%
NIKKEI 225 (\$) STOCK	134,492	151,817	-11.4%	212,736	-36.8%	1,566,267	1,497,388	4.6%
NIKKEI 225 (YEN) STOCK	599,357	711,869	-15.8%	1,010,475	-40.7%	7,747,372	5,322,862	45.5%
S&P 500	45,550	55,726	-18.3%	210,555	-78.4%	1,067,386	687,150	55.3%
S&P 500 ANNUAL DIVIDEND IND	23,588	20,551	14.8%	108,400	-78.2%	480,290	167,072	187.5%
S&P 500/GI	0	0	0.0%	0	0.0%	0	40	-100.0%
S&P 500 QUARLY DIVIDEND IND	224	60	273.3%	2,782	-91.9%	9,188	581	1,481.4%
S&P 600 SMALLCAP EMINI	368	403	-8.7%	368	0.0%	2,062	941	119.1%
S&P CONSUMER DSCRTNRY SE	5,489	2,709	102.6%	10,347	-47.0%	64,247	63,523	1.1%
S&P CONSUMER STAPLES SECT	24,212	11,140	117.3%	36,960	-34.5%	176,786	144,014	22.8%
S&P ENERGY SECTOR	14,010	7,766	80.4%	36,843	-62.0%	188,792	128,677	46.7%
S&P FINANCIAL SECTOR	13,209	21,972	-39.9%	37,417	-64.7%	195,644	233,611	-16.3%
S&P HEALTH CARE SECTOR	7,321	10,794	-32.2%	24,806	-70.5%	122,355	129,680	-5.6%
S&P INDUSTRIAL SECTOR	11,290	4,938	128.6%	37,787	-70.1%	115,491	89,440	29.1%
S&P MATERIALS SECTOR	3,724	3,704	0.5%	16,964	-78.0%	63,559	75,433	-15.7%
S&P TECHNOLOGY SECTOR	7,019	4,693	49.6%	21,907	-68.0%	106,508	107,713	-1.1%
S&P UTILITIES SECTOR	10,646	11,919	-10.7%	41,103	-74.1%	181,916	215,308	-15.5%
S&P VALUE INDEX FUTURES	0	0	0.0%	0	0.0%	0	48	-100.0%
YEN DENOMINATED TOPIX	4,622	21,790	-78.8%	6,588	-29.8%	52,564	125,089	-58.0%

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<b>Equity Index Options</b>								
BITCOIN FUTURES	2,637	0	-	8,504	-69.0%	18,895	0	-
E-mini (\$5) Dow	2,306	2,115	9.0%	4,131	-44.2%	23,771	28,601	-16.9%
E-MINI NASDAQ 100	312,820	176,875	76.9%	289,020	8.2%	2,282,852	1,415,682	61.3%
E-MINI RUSSELL 2000	6,940	5,966	16.3%	23,849	-70.9%	129,763	84,172	54.2%
E-MINI S&P500	5,420,454	3,785,568	43.2%	8,043,313	-32.6%	55,658,917	33,400,697	66.6%
EOM E-MINI RUSSELL 2000 END	8,003	7,325	9.3%	10,152	-21.2%	61,084	58,803	3.9%
EOM EMINI S&P	1,872,618	1,517,529	23.4%	1,517,474	23.4%	15,261,946	12,700,448	20.2%
EOM S&P 500	40,107	112,461	-64.3%	30,361	32.1%	501,490	901,372	-44.4%
EOW1 E-MINI RUSSELL 2000 WE	2,386	5,047	-52.7%	4,820	-50.5%	34,130	24,362	40.1%
EOW1 EMINI S&P 500	662,839	1,015,468	-34.7%	1,051,661	-37.0%	7,294,037	6,688,563	9.1%
EOW1 S&P 500	27,694	83,394	-66.8%	44,766	-38.1%	310,091	467,487	-33.7%
EOW2 E-MINI RUSSELL 2000 WE	5,115	12,979	-60.6%	4,782	7.0%	28,024	35,293	-20.6%
EOW2 EMINI S&P 500	908,112	795,872	14.1%	1,399,349	-35.1%	7,729,041	6,826,925	13.2%
EOW2 S&P 500	64,760	121,425	-46.7%	96,015	-32.6%	609,257	860,226	-29.2%
EOW3 E-MINI RUSSELL 2000 WE	17,874	15,101	18.4%	18,759	-4.7%	140,197	77,300	81.4%
EOW3 EMINI S&P 500	2,297,984	2,424,780	-5.2%	1,840,317	24.9%	17,949,185	15,980,504	12.3%
EOW3 S&P 500	67,280	166,252	-59.5%	18,905	255.9%	541,914	942,464	-42.5%
EOW4 E-MINI RUSSELL 2000 WE	4,194	3,798	10.4%	4,029	4.1%	23,320	21,339	9.3%
EOW4 EMINI S&P 500	1,030,263	703,668	46.4%	978,465	5.3%	6,021,088	5,552,341	8.4%
S&P 500	77,150	143,603	-46.3%	135,635	-43.1%	1,089,746	1,572,959	-30.7%
<b>Metals Futures</b>								
ALUMINUM	17,532	15,989	9.7%	18,053	-2.9%	162,437	75,147	116.2%
COMEX COPPER	1,944,940	1,875,657	3.7%	2,228,509	-12.7%	14,407,412	14,664,083	-1.8%
COMEX E-Mini GOLD	22,636	31,114	-27.2%	18,496	22.4%	231,703	99,382	133.1%
COMEX E-Mini SILVER	14,347	4,349	229.9%	4,276	235.5%	40,954	26,372	55.3%
COMEX GOLD	7,278,462	9,490,344	-23.3%	4,427,588	64.4%	49,267,967	46,005,859	7.1%
COMEX MINY COPPER	656	703	-6.7%	543	20.8%	3,780	4,612	-18.0%
COMEX SILVER	2,623,646	2,086,973	25.7%	1,846,699	42.1%	13,842,114	12,863,116	7.6%
COPPER	7,647	127	5,921.3%	5,357	42.7%	26,306	5,871	348.1%
FERROUS PRODUCTS	909	668	36.1%	1,313	-30.8%	14,987	8,335	79.8%
GOLD	2,504	0	-	3,178	-21.2%	51,144	0	-
Gold Kilo	0	0	0.0%	0	-	0	0	0.0%
HOT ROLLED COIL STEEL FUTU	635	0	-	275	130.9%	1,785	0	-
IRON ORE 62 CHINA PLATTS FU	0	0	0.0%	0	0.0%	0	0	0.0%
IRON ORE 62 CHINA TSI FUTURE	140	3,835	-96.3%	1,319	-89.4%	14,498	42,624	-66.0%
IRON ORE CHINA	1,427	0	-	0	-	1,427	0	-
LNDN ZINC	0	0	0.0%	0	0.0%	0	1,230	-100.0%
METALS	0	0	-	30	-100.0%	30	0	-
MICRO GOLD	1,987,718	608,677	226.6%	1,567,682	26.8%	10,017,640	2,077,415	382.2%
NYMEX HOT ROLLED STEEL	10,608	13,715	-22.7%	18,463	-42.5%	119,486	125,338	-4.7%
NYMEX PLATINUM	316,024	444,188	-28.9%	350,424	-9.8%	2,807,982	3,230,943	-13.1%
PALLADIUM	41,067	79,652	-48.4%	23,542	74.4%	481,055	748,201	-35.7%
SILVER	243,750	23,306	945.9%	114,049	113.7%	603,515	118,812	408.0%
URANIUM	0	300	-100.0%	18	-100.0%	1,854	9,384	-80.2%

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<b>Metals Options</b>								
ALUMINUM	0	0	-	0	0.0%	150	0	-
COMEX COPPER	22,304	49,537	-55.0%	16,668	33.8%	327,048	423,353	-22.7%
COMEX GOLD	997,387	1,546,529	-35.5%	790,842	26.1%	8,782,126	8,396,124	4.6%
COMEX SILVER	270,890	249,760	8.5%	114,863	135.8%	1,394,323	1,050,412	32.7%
COPPER	0	131	-100.0%	0	0.0%	3,563	775	359.7%
GOLD	145,887	181,468	-19.6%	113,514	28.5%	1,055,657	793,964	33.0%
HOT ROLLED COIL STEEL CALL	0	300	-100.0%	0	0.0%	75	900	-91.7%
HOT ROLLED COIL STEEL PUT O	0	0	-	0	0.0%	0	0	-
IRON ORE 62 CHINA TSI CALL O	20	0	0.0%	0	0.0%	3,740	6,660	-43.8%
IRON ORE 62 CHINA TSI PUT OP	0	0	0.0%	0	0.0%	6,349	3,600	76.4%
IRON ORE CHINA	100	0	-	0	-	100	0	-
NYMEX HOT ROLLED STEEL	0	0	-	0	-	0	0	-
NYMEX PLATINUM	436	1,149	-62.1%	589	-26.0%	23,143	25,067	-7.7%
PALLADIUM	4	469	-99.1%	73	-94.5%	5,661	8,804	-35.7%
SILVER	7,702	5,695	35.2%	6,539	17.8%	67,519	31,107	117.1%
<b>Energy Futures</b>								
3.5% FUEL OIL CID MED SWA	0	3	-100.0%	0	0.0%	20	81	-75.3%
3.5% FUEL OIL CIF BALMO S	0	0	0.0%	0	0.0%	0	20	-100.0%
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%
AEP-DAYTON HUB OFF-PEAK M	0	0	0.0%	0	-	0	0	0.0%
ALGONQUIN CITYGATES BASIS	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	5,380	2,505	114.8%	6,066	-11.3%	44,260	72,746	-39.2%
ARGUS PROPAN FAR EST INDE	4,236	5,444	-22.2%	4,596	-7.8%	35,895	42,981	-16.5%
ARGUS PROPAN(SAUDI ARAMC	1,601	2,522	-36.5%	2,313	-30.8%	17,198	19,904	-13.6%
AUSTRIALIAN COKE COAL	0	0	0.0%	0	0.0%	0	0	0.0%
BRENT BALMO SWAP	0	50	-100.0%	250	-100.0%	1,330	963	38.1%
BRENT CALENDAR SWAP	2,338	12,224	-80.9%	6,988	-66.5%	60,932	48,284	26.2%
BRENT CFD SWAP	0	0	0.0%	0	-	0	0	0.0%
BRENT FINANCIAL FUTURES	2,200	237	828.3%	260	746.2%	2,645	7,319	-63.9%
BRENT OIL LAST DAY	1,359,124	2,007,392	-32.3%	1,960,471	-30.7%	18,132,649	15,120,711	19.9%
CANADIAN LIGHT SWEET OIL	0	0	0.0%	0	-	0	0	0.0%
CENTERPOINT BASIS SWAP	0	0	0.0%	0	0.0%	0	0	0.0%
CHICAGO ETHANOL SWAP	67,705	96,231	-29.6%	56,746	19.3%	559,758	749,514	-25.3%
CHICAGO ULSD PL VS HO SPR	275	365	-24.7%	925	-70.3%	6,802	4,214	61.4%
CHICAGO UNL GAS PL VS RBO	170	245	-30.6%	160	6.3%	1,065	1,120	-4.9%
CIG BASIS	0	0	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%
CIN HUB 5MW D AH PK	0	688	-100.0%	218	-100.0%	1,346	3,870	-65.2%
CIN HUB 5MW REAL TIME O P	0	0	0.0%	0	0.0%	0	3,920	-100.0%
CIN HUB 5MW REAL TIME PK	0	0	0.0%	0	0.0%	0	325	-100.0%
COAL SWAP	0	0	0.0%	0	0.0%	0	0	0.0%
COLUMB GULF MAINLINE NG B	0	0	0.0%	0	0.0%	0	364	-100.0%

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## CMEG Exchange Volume Report - Monthly

	VOLUME JUL 2020	VOLUME JUL 2019	% CHG	VOIUME JUN 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
<b>Energy Futures</b>								
CONWAY NATURAL GASOLINE (	195	50	290.0%	0	0.0%	2,279	1,233	84.8%
CONWAY NORMAL BUTANE (OPI	368	335	9.9%	985	-62.6%	2,631	2,796	-5.9%
CONWAY PROPANE 5 DECIMALS	13,397	13,696	-2.2%	14,390	-6.9%	123,885	108,694	14.0%
CRUDE OIL	500	2,100	-76.2%	0	0.0%	7,717	36,519	-78.9%
CRUDE OIL LAST DAY	120	0	-	223	-46.2%	343	0	-
CRUDE OIL OUTRIGHTS	73,700	66,144	11.4%	64,115	14.9%	660,333	464,894	42.0%
CRUDE OIL PHY	16,204,040	22,838,170	-29.0%	19,172,871	-15.5%	191,206,141	175,044,870	9.2%
CRUDE OIL SPRDS	33,865	29,995	12.9%	16,266	108.2%	199,903	167,000	19.7%
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%	640	0	-
DATED TO FRONTLINE BRENT	0	0	0.0%	0	0.0%	244	1,000	-75.6%
DIESEL 10P BRG FOB RDM VS	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	0	0.0%	0	0.0%	0	0	0.0%
DUBAI CRUDE OIL BALMO	0	0	0.0%	0	0.0%	300	0	0.0%
DUBAI CRUDE OIL CALENDAR	0	490	-100.0%	0	0.0%	10,650	17,538	-39.3%
DUTCH TTF NATURAL GAS CAL	30,676	17,365	76.7%	48,118	-36.2%	262,092	59,242	342.4%
EASTERN RAIL DELIVERY CSX	0	0	0.0%	0	-	0	0	0.0%
EAST/WEST FUEL OIL SPREAD	0	10	-100.0%	0	0.0%	0	20	-100.0%
EIA FLAT TAX ONHWAY DIESE	1,562	389	301.5%	162	864.2%	6,782	2,642	156.7%
ELEC ERCOT DLY OFF PK	0	0	0.0%	0	-	0	0	0.0%
ELEC ERCOT DLY PEAK	0	0	0.0%	0	-	0	0	0.0%
ELEC ERCOT OFF PEAK	0	0	0.0%	0	-	0	0	0.0%
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 OFF PEAK	0	0	0.0%	0	0.0%	0	0	0.0%
ERCOT HOUSTON Z MCPE 5MW	0	0	0.0%	0	-	0	0	0.0%
ERCOT NORTH ZMCPE 5MW OF	0	0	0.0%	0	-	0	0	0.0%
ERCOT NORTH ZMCPE 5MW OF	0	0	0.0%	0	-	0	0	0.0%
ERCOT NORTH ZMCPE 5MW PE	0	0	0.0%	0	-	0	0	0.0%
ETHANOL	222	5,391	-95.9%	601	-63.1%	11,997	61,699	-80.6%
ETHANOL SWAP	50	10	400.0%	355	-85.9%	938	530	77.0%
ETHANOL T2 FOB ROTT INCL DU	2,704	1,879	43.9%	2,170	24.6%	30,587	23,478	30.3%
EURO 1% FUEL OIL NEW BALM	0	0	0.0%	0	0.0%	0	3	-100.0%
EURO 3.5% FUEL OIL RDAM B	0	72	-100.0%	0	0.0%	65	291	-77.7%
EURO 3.5% FUEL OIL SPREAD	0	12	-100.0%	0	0.0%	22	147	-85.0%
EURO-DENOMINATED PETRO P	0	0	0.0%	0	-	0	0	0.0%
EURO GASOIL 10PPM VS ICE	0	0	0.0%	0	0.0%	75	0	0.0%
EUROPE 1% FUEL OIL NWE CA	0	0	0.0%	0	0.0%	0	450	-100.0%
EUROPE 1% FUEL OIL RDAM C	0	0	0.0%	0	0.0%	0	0	0.0%
EUROPE 3.5% FUEL OIL MED	0	14	-100.0%	0	0.0%	37	367	-89.9%
EUROPE 3.5% FUEL OIL RDAM	194	380	-48.9%	135	43.7%	2,319	7,273	-68.1%
EUROPEAN GASOIL (ICE)	0	100	-100.0%	2	-100.0%	307	732	-58.1%
EUROPEAN NAPHTHA BALMO	10	181	-94.5%	10	0.0%	60	1,335	-95.5%
EUROPEAN NAPHTHA CRACK SP	842	2,124	-60.4%	988	-14.8%	10,849	32,224	-66.3%
EUROPE DATED BRENT SWAP	0	0	0.0%	70	-100.0%	70	1,633	-95.7%
EUROPE JET KERO NWE CALSW	0	0	0.0%	0	0.0%	0	5	-100.0%
EUROPE NAPHTHA CALSWAP	337	1,682	-80.0%	265	27.2%	3,679	14,884	-75.3%

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## CMEG Exchange Volume Report - Monthly

	VOLUME JUL 2020	VOLUME JUL 2019	% CHG	VOIUME JUN 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
<b>Energy Futures</b>								
EURO PROPANE CIF ARA SWA	751	1,703	-55.9%	1,100	-31.7%	12,070	13,839	-12.8%
FREIGHT MARKETS	565	1,686	-66.5%	1,554	-63.6%	5,471	7,113	-23.1%
FUEL OIL CRACK VS ICE	17	1,214	-98.6%	126	-86.5%	1,982	11,168	-82.3%
FUEL OIL NWE CRACK VS ICE	0	0	0.0%	0	0.0%	0	15	-100.0%
FUEL OIL (PLATS) CAR CM	0	0	0.0%	0	0.0%	0	6	-100.0%
FUEL OIL (PLATS) CAR CN	0	0	0.0%	0	0.0%	0	0	0.0%
FUELOIL SWAP:CARGOES VS.B	0	36	-100.0%	0	0.0%	51	1,416	-96.4%
GAS EURO-BOB OXY NWE BARG	246	2,902	-91.5%	690	-64.3%	12,289	42,837	-71.3%
GAS EURO-BOB OXY NWE BARG	3,585	5,279	-32.1%	6,854	-47.7%	48,875	63,065	-22.5%
GASOIL 0.1CIF MED VS ICE	0	0	0.0%	0	-	0	0	0.0%
GASOIL 0.1 CIF NWE VS ISE	0	0	0.0%	0	0.0%	0	10	-100.0%
GASOIL 0.1 RDAM BRGS VS I	0	0	0.0%	0	0.0%	0	21	-100.0%
GASOIL 0.1 ROTTERDAM BARG	5	0	0.0%	5	0.0%	85	103	-17.5%
GASOIL 10PPM VS ICE SWAP	0	0	0.0%	0	0.0%	0	39	-100.0%
GASOIL CALENDAR SWAP	5	12	-58.3%	0	0.0%	224	90	148.9%
GASOIL CRACK SPREAD CALEN	75	960	-92.2%	525	-85.7%	12,347	4,994	147.2%
GASOIL MINI CALENDAR SWAP	629	427	47.3%	536	17.4%	4,533	1,698	167.0%
GERMAN POWER BASELOAD CA	0	5,143	-100.0%	0	0.0%	9,112	17,435	-47.7%
GROUP THREE ULSD (PLATTS)	0	0	0.0%	0	0.0%	0	0	0.0%
GROUP THREE UNLEAD GAS (P	0	0	0.0%	0	0.0%	0	0	0.0%
GRP THREE ULSD(PLT)VS HEA	2,725	4,648	-41.4%	3,850	-29.2%	28,896	24,995	15.6%
GRP THREE UNL GS (PLT) VS	1,650	1,810	-8.8%	2,660	-38.0%	21,478	19,817	8.4%
GULF COAST 3% FUEL OIL BA	0	809	-100.0%	136	-100.0%	2,240	4,938	-54.6%
GULF COAST JET FUEL CLNDR	600	0	0.0%	0	0.0%	1,578	267	491.0%
GULF COAST JET VS NYM 2 H	12,837	20,360	-36.9%	15,512	-17.2%	133,326	152,410	-12.5%
GULF COAST NO.6 FUEL OIL	6,410	18,474	-65.3%	7,983	-19.7%	98,067	166,955	-41.3%
GULF COAST ULSD CALENDAR	1,580	277	470.4%	299	428.4%	7,351	2,842	158.7%
GULF COAST ULSD CRACK SPR	225	0	0.0%	0	0.0%	1,290	0	0.0%
HEATING OIL BALMO CLNDR S	0	40	-100.0%	150	-100.0%	1,307	565	131.3%
HEATING OIL CRCK SPRD BAL	0	0	0.0%	0	0.0%	0	18	-100.0%
HEATING OIL PHY	2,454,643	3,082,273	-20.4%	2,772,608	-11.5%	27,418,076	23,317,576	17.6%
HENRY HUB BASIS SWAP	0	1,178	-100.0%	0	0.0%	6,680	12,426	-46.2%
HENRY HUB FINANCIAL LAST	0	0	0.0%	0	-	0	0	0.0%
HENRY HUB INDEX SWAP FUTU	0	1,178	-100.0%	0	0.0%	8,392	12,426	-32.5%
HENRY HUB SWAP	34,907	74,882	-53.4%	53,346	-34.6%	550,984	779,286	-29.3%
HOUSTON SHIP CHANNEL BASI	0	0	0.0%	0	0.0%	0	736	-100.0%
HTG OIL	12	48	-75.0%	48	-75.0%	108	96	12.5%
ICE BRENT DUBAI SWAP	870	4,276	-79.7%	1,530	-43.1%	31,220	39,114	-20.2%
IN DELIVERY MONTH EUA	0	0	0.0%	0	-	0	0	0.0%
INDIANA MISO	0	0	0.0%	0	0.0%	0	0	0.0%
INDONESIAN COAL ICI4	335	550	-39.1%	251	33.5%	1,574	2,760	-43.0%
ISO NEW ENGLAND OFF-PEAK	0	0	0.0%	0	-	0	0	0.0%
ISO NEW ENGLAND PK LMP	0	0	0.0%	0	-	0	0	0.0%
JAPAN C&F NAPHTHA CRACK S	0	0	0.0%	0	0.0%	150	169	-11.2%
JAPAN C&F NAPHTHA SWAP	237	824	-71.2%	172	37.8%	1,287	8,683	-85.2%
JAPAN NAPHTHA BALMO SWAP	5	10	-50.0%	0	0.0%	33	289	-88.6%
JET AV FUEL (P) CAR FM ICE GA	0	0	0.0%	0	0.0%	0	0	0.0%
JET CIF NWE VS ICE	0	0	0.0%	0	0.0%	0	70	-100.0%
JET FUEL CRG CIF NEW VS I	0	0	-	0	0.0%	0	0	-
JET FUEL UP-DOWN BALMO CL	1,045	4,915	-78.7%	1,358	-23.0%	13,073	31,313	-58.3%

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## CMEG Exchange Volume Report - Monthly

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<b>Energy Futures</b>								
JKM LNG Futures	1,794	1,760	1.9%	1,575	13.9%	6,091	10,976	-44.5%
LA CARB DIESEL (OPIS) SWA	30	0	0.0%	60	-50.0%	2,442	325	651.4%
LA CARBOB GASOLINE(OPIS)S	0	375	-100.0%	0	0.0%	625	2,675	-76.6%
LA JET (OPIS) SWAP	575	1,425	-59.6%	375	53.3%	4,840	9,305	-48.0%
LLS (ARGUS) CALENDAR SWAP	0	0	0.0%	0	0.0%	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	0	1,080	-100.0%	360	-100.0%	6,815	16,539	-58.8%
LOS ANGELES CARB GASOLINE	0	10	-100.0%	15	-100.0%	15	10	50.0%
LTD NAT GAS	172,690	272,857	-36.7%	225,996	-23.6%	1,676,719	2,198,437	-23.7%
MARS (ARGUS) VS WTI SWAP	0	1,440	-100.0%	0	0.0%	2,480	12,820	-80.7%
MARS (ARGUS) VS WTI TRD M	12,330	12,197	1.1%	19,200	-35.8%	111,846	131,584	-15.0%
MARS BLEND CRUDE OIL	0	0	0.0%	0	0.0%	100	0	0.0%
MCCLOSKEY ARA ARGS COAL	13,569	35,161	-61.4%	17,856	-24.0%	151,547	210,554	-28.0%
MCCLOSKEY RCH BAY COAL	725	2,312	-68.6%	404	79.5%	8,086	17,264	-53.2%
MGF FUT	0	0	0.0%	0	0.0%	0	0	0.0%
MGN1 SWAP FUT	0	10	-100.0%	0	0.0%	240	360	-33.3%
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	50	114	-56.1%	259	-80.7%	395	1,344	-70.6%
MINI RBOB V. EBOBARG NWE BF	0	0	0.0%	152	-100.0%	992	3,500	-71.7%
MINI RBOB V. EBOB(ARGUS) NW	359	2,042	-82.4%	1,005	-64.3%	5,182	16,882	-69.3%
MINY HTG OIL	5	3	66.7%	5	0.0%	31	23	34.8%
MINY NATURAL GAS	120,762	33,478	260.7%	129,423	-6.7%	713,479	191,184	273.2%
MINY RBOB GAS	6	6	0.0%	6	0.0%	50	43	16.3%
MINY WTI CRUDE OIL	250,921	550,243	-54.4%	449,670	-44.2%	5,517,623	3,208,632	72.0%
MJC FUT	0	0	0.0%	0	0.0%	0	150	-100.0%
MNC FUT	538	3,232	-83.4%	917	-41.3%	9,538	28,633	-66.7%
MONT BELVIEU ETHANE 5 DECI	28,187	20,907	34.8%	29,264	-3.7%	162,440	105,280	54.3%
MONT BELVIEU ETHANE OPIS B	320	155	106.5%	270	18.5%	998	1,219	-18.1%
MONT BELVIEU LDH PROPANE 5	140,822	162,351	-13.3%	144,681	-2.7%	1,254,052	1,012,471	23.9%
MONT BELVIEU LDH PROPANE C	1,123	1,653	-32.1%	806	39.3%	16,610	22,071	-24.7%
MONT BELVIEU NATURAL GASO	23,418	9,154	155.8%	34,006	-31.1%	249,569	56,835	339.1%
MONT BELVIEU NATURAL GASO	864	865	-0.1%	1,120	-22.9%	6,688	4,724	41.6%
MONT BELVIEU NORMAL BUTAN	52,483	51,174	2.6%	62,403	-15.9%	488,353	314,011	55.5%
MONT BELVIEU NORMAL BUTAN	1,335	1,010	32.2%	1,049	27.3%	9,608	9,144	5.1%
NAT GAS BASIS SWAP	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS	116,959	100,821	16.0%	144,666	-19.2%	1,106,260	766,379	44.3%
NATURAL GAS PEN SWP	43,213	21,025	105.5%	44,149	-2.1%	418,605	202,598	106.6%
NATURAL GAS PHY	8,484,674	9,037,161	-6.1%	9,630,978	-11.9%	74,593,639	53,948,956	38.3%
NEPOOL CNCTCT 5MW D AH O	0	0	0.0%	0	-	0	0	0.0%
NEPOOL CONECTIC 5MW D AH	0	0	0.0%	0	-	0	0	0.0%
NEPOOL INTR HUB 5MW D AH	0	0	0.0%	0	0.0%	14,760	16,560	-10.9%
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%
NEPOOL RHODE IL 5MW D AH	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%
NEPOOL W CNTR M 5MW D AH	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	525	925	-43.2%	620	-15.3%	5,726	5,449	5.1%
NEW YORK HUB ZONE G PEAK	0	0	0.0%	0	0.0%	0	0	0.0%

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<b>Energy Futures</b>								
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%	0	1,240	-100.0%
NGPL TEX/OK	0	0	0.0%	0	0.0%	0	2,576	-100.0%
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%
NO 2 UP-DOWN SPREAD CALEN	0	0	0.0%	0	0.0%	225	675	-66.7%
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	0	0.0%
NORTHWEST ROCKIES BASIS S	0	0	0.0%	0	0.0%	0	3,106	-100.0%
N ROCKIES PIPE SWAP	0	0	0.0%	0	0.0%	0	0	0.0%
NY1% VS GC SPREAD SWAP	0	488	-100.0%	0	0.0%	2,568	3,143	-18.3%
NY 3.0% FUEL OIL (PLATTS	0	0	0.0%	0	0.0%	0	775	-100.0%
NY HARBOR 1% FUEL OIL BAL	0	25	-100.0%	0	0.0%	0	25	-100.0%
NY HARBOR HEAT OIL SWP	1,398	498	180.7%	2,668	-47.6%	25,523	15,479	64.9%
NY HARBOR LOW SULPUR GAS	0	0	0.0%	0	0.0%	0	390	-100.0%
NY HARBOR RESIDUAL FUEL 1	65	502	-87.1%	274	-76.3%	6,739	5,485	22.9%
NY HARBOR RESIDUAL FUEL C	0	0	0.0%	0	0.0%	0	0	0.0%
NYH NO 2 CRACK SPREAD CAL	690	0	0.0%	45	1,433.3%	7,116	2,235	218.4%
NYISO CAPACITY	0	0	0.0%	0	0.0%	0	300	-100.0%
NYISO J	0	0	0.0%	0	-	0	0	0.0%
NYISO J OFF-PEAK	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 G 5MW D AH O P	0	0	0.0%	0	0.0%	0	46,384	-100.0%
NYISO ZONE G 5MW D AH PK	0	6,375	-100.0%	0	0.0%	0	8,174	-100.0%
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%	700	1,450	-51.7%
NY ULSD (ARGUS) VS HEATING	0	77	-100.0%	330	-100.0%	3,806	1,495	154.6%
ONEOK OKLAHOMA NG BASIS	0	0	0.0%	0	0.0%	0	0	0.0%
ONTARIO POWER SWAPS	0	0	0.0%	0	0.0%	0	100	-100.0%
PANHANDLE BASIS SWAP FUTU	0	0	0.0%	0	0.0%	0	0	0.0%
PANHANDLE PIPE SWAP	0	0	0.0%	0	-	0	0	0.0%
PERMIAN BASIS SWAP	0	0	0.0%	0	0.0%	0	0	0.0%
PETROCHEMICALS	3,755	2,905	29.3%	3,254	15.4%	24,240	23,003	5.4%
PETRO CRCKS & SPRDS ASIA	0	21	-100.0%	150	-100.0%	300	282	6.4%
PETRO CRCKS & SPRDS NA	23,878	30,498	-21.7%	29,775	-19.8%	244,279	277,665	-12.0%
PETRO CRK&SPRD EURO	360	2,585	-86.1%	526	-31.6%	7,317	23,951	-69.5%
PETROLEUM PRODUCTS	1,398	1,244	12.4%	454	207.9%	12,042	20,337	-40.8%
PETROLEUM PRODUCTS ASIA	1,208	1,731	-30.2%	1,730	-30.2%	5,560	11,814	-52.9%
PETRO OUTRIGHT EURO	6,304	3,434	83.6%	5,377	17.2%	37,095	27,212	36.3%
PETRO OUTRIGHT NA	1,829	7,017	-73.9%	2,822	-35.2%	21,628	45,057	-52.0%
PJM AD HUB 5MW REAL TIME	0	0	0.0%	0	0.0%	0	119,740	-100.0%
PJM ATSI ELEC	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%

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## CMEG Exchange Volume Report - Monthly

	VOLUME JUL 2020	VOLUME JUL 2019	% CHG	VOIUME JUN 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
<b>Energy Futures</b>								
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 MONTHLY	0	0	0.0%	0	0.0%	0	0	0.0%
PJM NI HUB 5MW REAL TIME	0	0	0.0%	0	0.0%	0	24,645	-100.0%
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	0	0.0%
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%	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	0	0.0%
PJM WESTHDA PEAK	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WESTH RT OFF-PEAK	0	0	0.0%	0	0.0%	0	47,100	-100.0%
PJM WESTH RT PEAK	0	514	-100.0%	6,912	-100.0%	15,814	47,090	-66.4%
PLASTICS	2,414	620	289.4%	1,320	82.9%	8,318	5,180	60.6%
PREMIUM UNLD 10P FOB MED	0	33	-100.0%	0	0.0%	158	773	-79.6%
PREMIUM UNLEAD 10PPM FOB	0	15	-100.0%	0	0.0%	0	33	-100.0%
PREM UNL GAS 10PPM RDAM F	0	0	0.0%	0	0.0%	0	20	-100.0%
PREM UNL GAS 10PPM RDAM F	0	0	0.0%	0	0.0%	0	30	-100.0%
PROPANE NON-LDH MB (OPIS) B	913	1,343	-32.0%	1,716	-46.8%	12,029	11,074	8.6%
PROPANE NON-LDH MT. BEL (OF	17,443	30,094	-42.0%	20,943	-16.7%	167,279	134,764	24.1%
RBOB CALENDAR SWAP	5,026	4,083	23.1%	6,869	-26.8%	39,676	44,169	-10.2%
RBOB CRACK SPREAD	280	560	-50.0%	1,890	-85.2%	9,845	8,725	12.8%
RBOB CRACK SPREAD BALMO S	0	0	0.0%	0	0.0%	0	25	-100.0%
RBOB GAS	0	12	-100.0%	12	-100.0%	72	72	0.0%
RBOB GASOLINE BALMO CLNDR	1,189	821	44.8%	674	76.4%	4,740	7,044	-32.7%
RBOB PHY	3,337,997	4,235,311	-21.2%	3,495,744	-4.5%	29,057,957	31,220,335	-6.9%
RBOB SPREAD (PLATTS) SWAP	0	0	0.0%	0	-	0	0	0.0%
RBOB VS HEATING OIL SWAP	400	0	0.0%	100	300.0%	4,190	75	5,486.7%
SAN JUAN BASIS SWAP	0	0	0.0%	0	0.0%	0	0	0.0%
SAN JUAN PIPE SWAP	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE 180CST BALMO	0	15	-100.0%	0	0.0%	41	93	-55.9%
SINGAPORE 380CST BALMO	0	343	-100.0%	0	0.0%	39	593	-93.4%
SINGAPORE 380CST FUEL OIL	22	2,649	-99.2%	299	-92.6%	1,950	21,903	-91.1%
SINGAPORE FUEL 180CST CAL	3	267	-98.9%	31	-90.3%	196	2,047	-90.4%
SINGAPORE FUEL OIL SPREAD	0	75	-100.0%	0	0.0%	80	435	-81.6%
SINGAPORE GASOIL	416	7,124	-94.2%	371	12.1%	4,833	39,415	-87.7%
SINGAPORE GASOIL CALENDAR	879	527	66.8%	354	148.3%	6,247	1,495	317.9%
SINGAPORE GASOIL SWAP	166	908	-81.7%	543	-69.4%	7,098	7,496	-5.3%
SINGAPORE GASOIL VS ICE	0	150	-100.0%	0	0.0%	282	4,490	-93.7%
SINGAPORE JET KERO BALMO	0	0	0.0%	0	0.0%	345	0	0.0%
SINGAPORE JET KERO GASOIL	0	0	0.0%	0	0.0%	0	100	-100.0%
SINGAPORE JET KEROSENE SW	155	425	-63.5%	280	-44.6%	5,368	4,290	25.1%
SINGAPORE JET KERO VS. GAS	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE MOGAS 92 UNLEAD	0	50	-100.0%	0	0.0%	25	1,475	-98.3%
SINGAPORE MOGAS 92 UNLEAD	770	5,867	-86.9%	4,660	-83.5%	23,880	81,691	-70.8%
SINGAPORE NAPHTHA SWAP	0	0	0.0%	0	-	0	0	0.0%
SING FUEL	0	0	0.0%	0	0.0%	0	0	0.0%
SOUTH STAR TEX OKLHM KNS	0	0	0.0%	0	-	0	0	0.0%
Sumas Basis Swap	0	0	0.0%	0	0.0%	0	0	0.0%

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## CMEG Exchange Volume Report - Monthly

	VOLUME JUL 2020	VOLUME JUL 2019	% CHG	VOIUME JUN 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
<b>Energy Futures</b>								
TC2 ROTTERDAM TO USAC 37K	0	546	-100.0%	0	0.0%	0	1,970	-100.0%
TC5 RAS TANURA TO YOKOHAM	0	530	-100.0%	0	0.0%	140	2,481	-94.4%
TCO BASIS SWAP	0	0	0.0%	0	0.0%	0	0	0.0%
TD3 MEG TO JAPAN 250K MT	955	6,760	-85.9%	1,140	-16.2%	17,361	34,981	-50.4%
TENNESSEE ZONE 0 BASIS SW	0	0	0.0%	0	-	0	0	0.0%
Tetco STX Basis	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%
TEXAS GAS ZONE1 NG BASIS	0	0	0.0%	0	-	0	0	0.0%
Transco Zone 3 Basis	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 6 BASIS SWAP	0	0	0.0%	0	0.0%	0	0	0.0%
UCM FUT	0	0	0.0%	0	0.0%	0	20	-100.0%
UK NBP NAT GAS CAL MTH FUT	155	150	3.3%	135	14.8%	2,100	3,299	-36.3%
ULSD 10PPM CIF MED VS ICE	0	0	0.0%	0	-	0	0	0.0%
ULSD UP-DOWN BALMO SWP	2,365	5,070	-53.4%	2,109	12.1%	40,286	37,615	7.1%
UP DOWN GC ULSD VS NMX HO	33,173	27,797	19.3%	38,161	-13.1%	360,003	201,791	78.4%
WAHA BASIS	0	0	0.0%	0	0.0%	0	650	-100.0%
WESTERN RAIL DELIVERY PRB	0	0	0.0%	0	-	0	0	0.0%
WTI-BRENT BULLET SWAP	0	550	-100.0%	0	0.0%	0	1,414	-100.0%
WTI-BRENT CALENDAR SWAP	18,213	36,248	-49.8%	14,953	21.8%	286,904	256,227	12.0%
WTI CALENDAR	42,628	36,849	15.7%	61,479	-30.7%	482,824	297,566	62.3%
WTI MIDLAND CRUDE OIL	0	0	-	0	0.0%	300	0	-
WTS (ARGUS) VS WTI SWAP	11,610	3,750	209.6%	2,076	459.2%	48,689	34,672	40.4%
WTS (ARGUS) VS WTI TRD MT	774	0	0.0%	0	0.0%	9,629	4,933	95.2%
<b>Energy Options</b>								
BRENT 1 MONTH CAL	0	0	0.0%	0	-	0	0	0.0%
BRENT CALENDAR SWAP	105	0	0.0%	3,714	-97.2%	4,740	3,030	56.4%
BRENT CRUDE OIL 12 M CSO	0	0	0.0%	0	-	0	0	0.0%
BRENT CRUDE OIL 1 M CSO	0	2,540	-100.0%	11,050	-100.0%	34,375	35,190	-2.3%
BRENT CRUDE OIL 6 M CSO	0	0	0.0%	0	-	0	0	0.0%
BRENT OIL LAST DAY	42,771	99,398	-57.0%	60,040	-28.8%	575,777	1,001,828	-42.5%
COAL API2 INDEX	0	200	-100.0%	0	0.0%	0	870	-100.0%
COAL API4 INDEX	0	0	0.0%	0	-	0	0	0.0%
COAL SWAP	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL	0	0	0.0%	0	0.0%	0	150	-100.0%
CRUDE OIL 1MO	107,650	250,925	-57.1%	70,550	52.6%	1,546,382	1,652,336	-6.4%
CRUDE OIL APO	28,751	36,148	-20.5%	71,480	-59.8%	412,504	345,189	19.5%
CRUDE OIL CALNDR STRIP	0	0	0.0%	50	-100.0%	50	200	-75.0%
CRUDE OIL OUTRIGHTS	0	0	0.0%	0	0.0%	0	960	-100.0%
CRUDE OIL PHY	1,534,552	2,581,059	-40.5%	2,180,973	-29.6%	20,295,834	19,329,015	5.0%
ETHANOL	0	0	0.0%	0	-	0	0	0.0%
ETHANOL SWAP	9,236	15,793	-41.5%	3,281	181.5%	28,695	69,168	-58.5%
FREIGHT MARKETS	0	0	-	0	0.0%	0	0	-
HEATING OIL PHY	6,570	25,783	-74.5%	10,264	-36.0%	107,214	205,198	-47.8%
HENRY HUB FINANCIAL LAST	14,213	4,100	246.7%	1,364	942.0%	46,501	46,023	1.0%
HO 1 MONTH CLNDR OPTIONS	0	0	0.0%	0	0.0%	100	2,150	-95.3%
LLS CRUDE OIL	0	0	0.0%	0	0.0%	0	0	0.0%

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## CMEG Exchange Volume Report - Monthly

	VOLUME JUL 2020	VOLUME JUL 2019	% CHG	VOIUME JUN 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
<b>Energy Options</b>								
MCCLOSKEY ARA ARGES COAL	1,125	0	0.0%	1,662	-32.3%	5,823	130	4,379.2%
MCCLOSKEY RCH BAY COAL	0	200	-100.0%	150	-100.0%	425	870	-51.1%
NATURAL GAS 1 M CSO FIN	78,150	82,050	-4.8%	68,800	13.6%	570,901	289,325	97.3%
NATURAL GAS 2 M CSO FIN	1,600	1,250	28.0%	3,250	-50.8%	11,100	3,625	206.2%
NATURAL GAS 3 M CSO FIN	87,300	34,650	151.9%	76,600	14.0%	336,405	119,000	182.7%
NATURAL GAS 5 M CSO FIN	0	0	0.0%	0	0.0%	10,450	1,100	850.0%
NATURAL GAS 6 M CSO FIN	0	1,800	-100.0%	0	0.0%	132,400	35,525	272.7%
NATURAL GAS OPT	22,720	0	-	80,160	-71.7%	160,580	0	-
NATURAL GAS OPTION ON CALE	1,500	6,260	-76.0%	800	87.5%	18,300	15,360	19.1%
NATURAL GAS PHY	1,938,352	1,668,703	16.2%	2,035,389	-4.8%	17,440,817	10,916,969	59.8%
NATURAL GAS SUMMER STRIP	400	0	-	0	-	400	0	-
NATURAL GAS WINTER STRIP	0	0	0.0%	0	0.0%	600	1,300	-53.8%
N ROCKIES PIPE SWAP	0	960	-100.0%	0	0.0%	0	3,078	-100.0%
NY HARBOR HEAT OIL SWP	978	462	111.7%	707	38.3%	14,669	15,484	-5.3%
NYISO ZONE G 5MW PEAK OPTI	0	0	0.0%	0	-	0	0	0.0%
PANHANDLE PIPE SWAP	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	600	38	1,478.9%	47	1,176.6%	1,364	5,013	-72.8%
PETRO OUTRIGHT EURO	0	0	0.0%	0	0.0%	6	24	-75.0%
PETRO OUTRIGHT NA	0	120	-100.0%	290	-100.0%	1,245	240	418.8%
PJM WES HUB PEAK CAL MTH	0	100	-100.0%	150	-100.0%	770	640	20.3%
PJM WES HUB PEAK LMP 50MW	0	0	0.0%	0	0.0%	0	836	-100.0%
RBOB 1MO CAL SPD OPTIONS	0	0	0.0%	0	0.0%	0	150	-100.0%
RBOB CALENDAR SWAP	650	120	441.7%	216	200.9%	1,016	381	166.7%
RBOB CRACK	0	0	0.0%	0	0.0%	0	0	0.0%
RBOB PHY	4,715	12,200	-61.4%	8,308	-43.2%	63,345	116,405	-45.6%
ROTTERDAM 3.5%FUEL OIL CL	0	0	0.0%	0	-	0	0	0.0%
SAN JUAN PIPE SWAP	0	604	-100.0%	0	0.0%	0	1,878	-100.0%
SHORT TERM	50	1,000	-95.0%	100	-50.0%	1,950	3,143	-38.0%
SHORT TERM NATURAL GAS	375	1,400	-73.2%	200	87.5%	8,075	6,684	20.8%
SINGAPORE GASOIL CALENDAR	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE JET FUEL CALEND	0	0	0.0%	0	-	0	0	0.0%
WTI-BRENT BULLET SWAP	14,302	29,500	-51.5%	24,100	-40.7%	433,542	346,080	25.3%
WTI CRUDE OIL 1 M CSO FI	71,250	20,030	255.7%	71,285	0.0%	677,010	385,295	75.7%

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## CMEG Exchange Volume Report - Monthly

	VOLUME JUL 2020	VOLUME JUL 2019	% CHG	VOIUME JUN 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
<b>FX Futures</b>								
AD/CD CROSS RATES	1	5	-80.0%	40	-97.5%	201	109	84.4%
AD/JY CROSS RATES	1,275	1,763	-27.7%	5,772	-77.9%	20,951	21,546	-2.8%
AD/NE CROSS RATES	152	235	-35.3%	212	-28.3%	2,486	743	234.6%
AUSTRALIAN DOLLAR	2,027,671	1,876,317	8.1%	2,620,773	-22.6%	15,543,298	15,064,804	3.2%
BP/JY CROSS RATES	1,693	3,354	-49.5%	5,232	-67.6%	26,099	18,905	38.1%
BP/SF CROSS RATES	367	847	-56.7%	727	-49.5%	3,486	3,301	5.6%
BRAZIL REAL	222,829	118,241	88.5%	236,429	-5.8%	1,529,406	967,719	58.0%
BRITISH POUND	2,052,081	2,081,929	-1.4%	2,592,579	-20.8%	15,438,366	16,641,630	-7.2%
CANADIAN DOLLAR	1,364,414	1,391,572	-2.0%	1,770,014	-22.9%	11,494,525	11,253,253	2.1%
CD/JY CROSS RATES	10	6	66.7%	106	-90.6%	550	125	340.0%
CHINESE RENMINBI (CNH)	13,919	26,940	-48.3%	17,407	-20.0%	125,155	182,559	-31.4%
CZECK KORUNA (EC)	0	0	0.0%	7	-100.0%	21	18	16.7%
CZECK KORUNA (US)	0	0	0.0%	0	-	0	0	0.0%
EC/AD CROSS RATES	2,812	3,490	-19.4%	13,713	-79.5%	50,782	37,297	36.2%
EC/CD CROSS RATES	3,051	1,594	91.4%	9,256	-67.0%	32,311	21,846	47.9%
EC/NOK CROSS RATES	12	370	-96.8%	94	-87.2%	1,539	4,176	-63.1%
EC/SEK CROSS RATES	173	409	-57.7%	1,443	-88.0%	4,823	5,604	-13.9%
EFX/BP CROSS RATES	40,686	79,851	-49.0%	105,115	-61.3%	510,981	653,272	-21.8%
EFX/JY CROSS RATES	31,622	41,025	-22.9%	102,784	-69.2%	469,017	459,757	2.0%
EFX/SF CROSS RATES	17,554	27,760	-36.8%	60,086	-70.8%	309,479	241,706	28.0%
E-MINI EURO FX	168,769	84,190	100.5%	183,404	-8.0%	1,063,676	686,923	54.8%
E-MINI JAPANESE YEN	12,519	24,133	-48.1%	22,693	-44.8%	180,463	87,249	106.8%
EURO FX	4,709,727	3,785,651	24.4%	5,615,945	-16.1%	32,279,407	30,192,788	6.9%
HUNGARIAN FORINT (EC)	0	0	0.0%	1	-100.0%	9	0	0.0%
HUNGARIAN FORINT (US)	0	0	0.0%	42	-100.0%	144	8	1,700.0%
INDIAN RUPEE	28,310	58,879	-51.9%	32,795	-13.7%	202,704	473,600	-57.2%
JAPANESE YEN	1,858,330	2,168,419	-14.3%	2,353,978	-21.1%	18,598,117	18,267,136	1.8%
KOREAN WON	485	383	26.6%	1,254	-61.3%	6,727	4,960	35.6%
MEXICAN PESO	898,729	871,362	3.1%	1,360,608	-33.9%	8,550,470	8,992,531	-4.9%
MICRO AUD/USD	272,625	97,827	178.7%	396,225	-31.2%	1,757,162	793,267	121.5%
MICRO CAD/USD	26,257	17,664	48.6%	27,585	-4.8%	177,798	118,740	49.7%
MICRO CHF/USD	3,875	4,292	-9.7%	3,044	27.3%	23,891	15,981	49.5%
MICRO EUR/USD	611,661	224,416	172.6%	571,904	7.0%	3,106,324	1,739,886	78.5%
MICRO GBP/USD	64,721	40,880	58.3%	73,542	-12.0%	396,225	296,782	33.5%
MICRO INR/USD	1,848	5,860	-68.5%	1,929	-4.2%	16,751	33,567	-50.1%
MICRO JPY/USD	23,604	25,014	-5.6%	33,601	-29.8%	217,301	193,091	12.5%
NEW ZEALND DOLLAR	629,542	498,466	26.3%	737,448	-14.6%	4,527,639	4,091,966	10.6%
NKR/USD CROSS RATE	2,562	4,721	-45.7%	8,412	-69.5%	42,364	34,928	21.3%
POLISH ZLOTY (EC)	48	11	336.4%	231	-79.2%	447	455	-1.8%
POLISH ZLOTY (US)	1,032	122	745.9%	1,373	-24.8%	5,612	864	549.5%
RMB USD	1	0	0.0%	0	0.0%	5	5	0.0%
RUSSIAN RUBLE	119,181	51,093	133.3%	137,944	-13.6%	845,427	553,669	52.7%
S.AFRICAN RAND	72,337	57,916	24.9%	116,702	-38.0%	563,080	324,053	73.8%
SF/JY CROSS RATES	3	0	0.0%	55	-94.5%	263	7	3,657.1%
SHEKEL	1	0	0.0%	2	-50.0%	113	0	0.0%
SKR/USD CROSS RATES	3,801	2,400	58.4%	8,778	-56.7%	34,808	23,323	49.2%
SWISS FRANC	517,640	463,577	11.7%	577,975	-10.4%	4,284,623	3,813,477	12.4%
TURKISH LIRA	188	141	33.3%	321	-41.4%	5,689	8,071	-29.5%
USDZAR	0	0	0.0%	0	0.0%	0	20	-100.0%

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## CMEG Exchange Volume Report - Monthly

	VOLUME JUL 2020	VOLUME JUL 2019	% CHG	VOIUME JUN 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
<b>FX Options</b>								
AUD/USD MONDAY OPTION WEE	510	0	-	315	61.9%	2,776	0	-
AUD/USD MONDAY OPTION WEE	172	0	-	59	191.5%	1,258	0	-
AUD/USD MONDAY OPTION WEE	565	0	-	580	-2.6%	1,951	0	-
AUD/USD MONDAY OPTION WEE	172	0	-	623	-72.4%	975	0	-
AUD/USD MONDAY OPTION WEE	0	0	-	606	-100.0%	709	0	-
AUD/USD MONTHLY OPTIONS	56,463	47,711	18.3%	55,924	1.0%	585,105	472,377	23.9%
AUD/USD WKLY FRIDAY OPTION	0	5,608	-100.0%	0	0.0%	3,153	13,711	-77.0%
AUD/USD WKLY FRIDAY OPTION	1,867	2,441	-23.5%	5,673	-67.1%	34,762	43,878	-20.8%
AUD/USD WKLY FRIDAY OPTION	2,899	5,627	-48.5%	3,668	-21.0%	29,425	47,245	-37.7%
AUD/USD WKLY FRIDAY OPTION	3,156	4,108	-23.2%	4,314	-26.8%	31,761	53,132	-40.2%
AUD/USD WKLY FRIDAY OPTION	1,866	312	498.1%	190	882.1%	12,903	13,020	-0.9%
AUD/USD WKLY WED OPTIONS -	493	1,191	-58.6%	765	-35.6%	9,964	12,842	-22.4%
AUD/USD WKLY WED OPTIONS -	456	1,235	-63.1%	3,012	-84.9%	11,835	13,560	-12.7%
AUD/USD WKLY WED OPTIONS -	461	336	37.2%	857	-46.2%	7,388	5,669	30.3%
AUD/USD WKLY WED OPTIONS -	211	346	-39.0%	1,077	-80.4%	10,668	8,009	33.2%
AUD/USD WKLY WED OPTIONS -	900	1,812	-50.3%	0	0.0%	4,519	3,824	18.2%
BRITISH POUND (EU)	0	0	0.0%	0	-	0	0	0.0%
BRL/USD MONTHLY OPTIONS	0	23	-100.0%	323	-100.0%	663	79	739.2%
CAD/USD MONDAY OPTIONS WE	619	0	-	90	587.8%	2,359	0	-
CAD/USD MONDAY OPTIONS WE	223	0	-	304	-26.6%	629	0	-
CAD/USD MONDAY OPTIONS WE	1,862	0	-	1,389	34.1%	3,871	0	-
CAD/USD MONDAY OPTIONS WE	2,453	0	-	1,142	114.8%	3,841	0	-
CAD/USD MONDAY OPTIONS WE	0	0	-	759	-100.0%	861	0	-
CAD/USD MONTHLY OPTIONS	46,508	28,122	65.4%	61,400	-24.3%	380,636	369,791	2.9%
CAD/USD WKLY FRIDAY OPTION	0	7,571	-100.0%	0	0.0%	6,030	25,901	-76.7%
CAD/USD WKLY FRIDAY OPTION	7,054	3,003	134.9%	12,048	-41.5%	49,643	48,990	1.3%
CAD/USD WKLY FRIDAY OPTION	5,740	9,149	-37.3%	6,476	-11.4%	44,941	70,308	-36.1%
CAD/USD WKLY FRIDAY OPTION	6,454	8,085	-20.2%	8,208	-21.4%	51,381	77,851	-34.0%
CAD/USD WKLY FRIDAY OPTION	7,075	251	2,718.7%	364	1,843.7%	26,522	16,841	57.5%
CAD/USD WKLY WED OPTIONS -	2,412	2,045	17.9%	4,172	-42.2%	17,791	21,625	-17.7%
CAD/USD WKLY WED OPTIONS -	631	2,687	-76.5%	1,722	-63.4%	13,041	25,312	-48.5%
CAD/USD WKLY WED OPTIONS -	2,144	3,038	-29.4%	2,745	-21.9%	14,742	22,090	-33.3%
CAD/USD WKLY WED OPTIONS -	2,984	1,805	65.3%	1,078	176.8%	18,208	20,896	-12.9%
CAD/USD WKLY WED OPTIONS -	2,313	2,462	-6.1%	0	0.0%	7,730	7,133	8.4%
CANADIAN DOLLAR (EU)	0	0	0.0%	0	-	0	0	0.0%
CHF/USD MONTHLY OPTIONS	2,316	2,323	-0.3%	2,446	-5.3%	23,457	16,090	45.8%
CHF/USD WKLY FRIDAY OPTION	0	9	-100.0%	0	0.0%	37	117	-68.4%
CHF/USD WKLY FRIDAY OPTION	7	144	-95.1%	458	-98.5%	1,296	1,581	-18.0%
CHF/USD WKLY FRIDAY OPTION	14	65	-78.5%	142	-90.1%	848	1,412	-39.9%
CHF/USD WKLY FRIDAY OPTION	23	62	-62.9%	7	228.6%	772	708	9.0%
CHF/USD WKLY FRIDAY OPTION	3	2	50.0%	50	-94.0%	906	606	49.5%
EUR/GBP MONTHLY OPTIONS	0	0	0.0%	0	0.0%	0	74	-100.0%
EUR/JPY MONTHLY OPTIONS	0	0	0.0%	0	-	0	0	0.0%
EURO FX (EU)	0	0	0.0%	0	-	0	0	0.0%
EUR/USD MONDAY OPTION WEE	4,973	0	-	2,999	65.8%	11,179	0	-
EUR/USD MONDAY OPTION WEE	2,757	0	-	1,261	118.6%	6,297	0	-
EUR/USD MONDAY OPTION WEE	8,241	0	-	2,687	206.7%	14,190	0	-
EUR/USD MONDAY OPTION WEE	7,207	0	-	2,914	147.3%	13,663	0	-
EUR/USD MONDAY OPTION WEE	0	0	-	3,905	-100.0%	5,514	0	-
EUR/USD MONTHLY OPTIONS	253,333	395,536	-36.0%	274,936	-7.9%	2,186,479	2,586,413	-15.5%

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## CMEG Exchange Volume Report - Monthly

	VOLUME JUL 2020	VOLUME JUL 2019	% CHG	VOIUME JUN 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
<b>FX Options</b>								
EUR/USD WKLY FRIDAY OPTION	0	25,108	-100.0%	0	0.0%	11,073	83,188	-86.7%
EUR/USD WKLY FRIDAY OPTION	20,010	17,931	11.6%	26,919	-25.7%	150,535	192,383	-21.8%
EUR/USD WKLY FRIDAY OPTION	23,234	26,591	-12.6%	19,178	21.1%	155,363	214,919	-27.7%
EUR/USD WKLY FRIDAY OPTION	19,307	36,248	-46.7%	25,650	-24.7%	163,931	281,747	-41.8%
EUR/USD WKLY FRIDAY OPTION	18,871	173	10,808.1%	217	8,596.3%	61,045	63,552	-3.9%
EUR/USD WKLY WED OPTIONS -	6,908	13,134	-47.4%	15,467	-55.3%	69,090	84,351	-18.1%
EUR/USD WKLY WED OPTIONS -	7,765	11,619	-33.2%	7,800	-0.4%	59,129	89,777	-34.1%
EUR/USD WKLY WED OPTIONS -	11,723	7,827	49.8%	11,718	0.0%	61,833	80,914	-23.6%
EUR/USD WKLY WED OPTIONS -	9,881	14,228	-30.6%	6,655	48.5%	55,322	97,363	-43.2%
EUR/USD WKLY WED OPTIONS -	9,029	9,582	-5.8%	0	0.0%	23,314	31,855	-26.8%
GBP/USD MONDAY OPTION WEE	1,053	0	-	345	205.2%	3,671	0	-
GBP/USD MONDAY OPTION WEE	250	0	-	974	-74.3%	2,563	0	-
GBP/USD MONDAY OPTION WEE	440	0	-	1,686	-73.9%	4,333	0	-
GBP/USD MONDAY OPTION WEE	704	0	-	2,336	-69.9%	5,595	0	-
GBP/USD MONDAY OPTION WEE	0	0	-	761	-100.0%	1,162	0	-
GBP/USD MONTHLY OPTIONS	74,576	117,346	-36.4%	82,317	-9.4%	615,943	904,584	-31.9%
GBP/USD WKLY FRIDAY OPTION	0	3,942	-100.0%	0	0.0%	3,267	26,607	-87.7%
GBP/USD WKLY FRIDAY OPTION	2,267	3,667	-38.2%	4,767	-52.4%	26,449	44,583	-40.7%
GBP/USD WKLY FRIDAY OPTION	1,849	5,729	-67.7%	4,899	-62.3%	23,736	58,491	-59.4%
GBP/USD WKLY FRIDAY OPTION	1,720	6,201	-72.3%	2,645	-35.0%	26,764	56,439	-52.6%
GBP/USD WKLY FRIDAY OPTION	3,377	1,323	155.3%	480	603.5%	12,186	22,900	-46.8%
GBP/USD WKLY WED OPTIONS -	330	2,019	-83.7%	853	-61.3%	12,669	20,241	-37.4%
GBP/USD WKLY WED OPTIONS -	901	1,573	-42.7%	880	2.4%	7,629	20,751	-63.2%
GBP/USD WKLY WED OPTIONS -	1,168	474	146.4%	2,106	-44.5%	12,249	22,108	-44.6%
GBP/USD WKLY WED OPTIONS -	631	1,284	-50.9%	487	29.6%	11,576	19,055	-39.2%
GBP/USD WKLY WED OPTIONS -	344	1,353	-74.6%	0	0.0%	5,534	8,157	-32.2%
JAPANESE YEN (EU)	0	0	0.0%	0	-	0	0	0.0%
JPY/USD MONDAY OPTION WEE	1,667	0	-	1,813	-8.1%	5,959	0	-
JPY/USD MONDAY OPTION WEE	3,370	0	-	3,140	7.3%	9,479	0	-
JPY/USD MONDAY OPTION WEE	1,571	0	-	1,641	-4.3%	4,804	0	-
JPY/USD MONDAY OPTION WEE	457	0	-	657	-30.4%	2,349	0	-
JPY/USD MONDAY OPTION WEE	0	0	-	1,211	-100.0%	1,363	0	-
JPY/USD MONTHLY OPTIONS	93,807	107,949	-13.1%	99,033	-5.3%	968,968	969,108	0.0%
JPY/USD WKLY FRIDAY OPTION	0	11,907	-100.0%	0	0.0%	6,089	40,562	-85.0%
JPY/USD WKLY FRIDAY OPTION	10,494	6,241	68.1%	15,990	-34.4%	92,002	74,022	24.3%
JPY/USD WKLY FRIDAY OPTION	9,117	10,770	-15.3%	9,505	-4.1%	95,731	101,739	-5.9%
JPY/USD WKLY FRIDAY OPTION	10,245	11,460	-10.6%	14,037	-27.0%	90,208	111,318	-19.0%
JPY/USD WKLY FRIDAY OPTION	10,312	1,157	791.3%	704	1,364.8%	36,879	31,318	17.8%
JPY/USD WKLY WED OPTIONS -	4,207	4,658	-9.7%	4,734	-11.1%	40,915	27,198	50.4%
JPY/USD WKLY WED OPTIONS -	2,898	4,064	-28.7%	6,420	-54.9%	32,843	29,540	11.2%
JPY/USD WKLY WED OPTIONS -	2,195	2,153	2.0%	4,782	-54.1%	36,872	22,653	62.8%
JPY/USD WKLY WED OPTIONS -	2,571	2,124	21.0%	3,775	-31.9%	40,429	24,907	62.3%
JPY/USD WKLY WED OPTIONS -	2,697	2,751	-2.0%	0	0.0%	10,291	7,723	33.3%
MXN/USD MONTHLY OPTIONS	998	1,195	-16.5%	1,844	-45.9%	12,141	10,199	19.0%
MXN/USD WKLY FRIDAY OPTION	0	0	-	0	0.0%	0	0	-
MXN/USD WKLY FRIDAY OPTION	0	0	0.0%	225	-100.0%	225	354	-36.4%
MXN/USD WKLY FRIDAY OPTION	0	0	0.0%	1,001	-100.0%	1,003	454	120.9%
MXN/USD WKLY FRIDAY OPTION	2	0	0.0%	371	-99.5%	1,183	328	260.7%
MXN/USD WKLY FRIDAY OPTION	9	0	-	0	0.0%	152	0	-
NZD/USD MONTHLY OPTIONS	79	523	-84.9%	115	-31.3%	4,551	2,786	63.4%

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## CMEG Exchange Volume Report - Monthly

	VOLUME JUL 2020	VOLUME JUL 2019	% CHG	VOIUME JUN 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
<b>FX Options</b>								
NZD/USD WKLY FRIDAY OPTION	0	0	0.0%	0	-	0	0	0.0%
NZD/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%	50	120	-58.3%
NZD/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%	0	206	-100.0%
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	0.0%	375	0	-
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	0.0%	0	0	-
<b>Ags Futures</b>								
FERTILIZER PRODUCTS	4,707	2,810	67.5%	3,095	52.1%	21,244	11,765	80.6%
<b>Foreign Exchange Futures</b>								
CHILEAN PESO	0	0	0.0%	0	0.0%	0	410	-100.0%
<b>Foreign Exchange Options</b>								
AUD/USD WKLY WED OPTIONS -	790	553	42.9%	681	16.0%	6,655	5,939	12.1%

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## CMEG Exchange Volume Report - Monthly

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<b>Ag Products Futures</b>								
BUTTER CS	4,058	5,701	-28.8%	4,577	-11.3%	44,336	28,183	57.3%
CASH-SETTLED CHEESE	10,220	12,981	-21.3%	11,956	-14.5%	98,175	80,874	21.4%
CAT ASIA WEATHER	0	0	-	0	0.0%	7,800	0	-
CATTLE	1,373,294	1,321,550	3.9%	997,631	37.7%	10,329,712	10,231,678	1.0%
CAT WEATHER EUROPEAN	0	0	0.0%	0	0.0%	0	3,200	-100.0%
CDD SEASONAL STRIP	0	0	0.0%	0	0.0%	750	450	66.7%
CDD WEATHER	1,550	1,600	-3.1%	1,900	-18.4%	8,600	8,775	-2.0%
CHI WHEAT	2,600,684	2,271,562	14.5%	3,369,375	-22.8%	19,810,533	19,658,637	0.8%
CLASS IV MILK	1,357	1,360	-0.2%	1,186	14.4%	21,408	17,112	25.1%
COCOA TAS	0	0	0.0%	0	0.0%	0	8	-100.0%
COFFEE	0	0	-	0	0.0%	0	0	-
CORN	7,114,255	8,041,443	-11.5%	10,234,753	-30.5%	52,415,322	69,368,986	-24.4%
COTTON	0	14	-100.0%	0	0.0%	23	29	-20.7%
DJ_UBS ROLL SELECT INDEX FU	0	452	-100.0%	3,157	-100.0%	6,759	7,944	-14.9%
DOW-UBS COMMOD INDEX	7,096	25,015	-71.6%	68,913	-89.7%	220,903	347,096	-36.4%
DRY WHEY	1,385	908	52.5%	765	81.0%	10,206	9,241	10.4%
FEEDER CATTLE	310,756	305,091	1.9%	179,978	72.7%	1,934,693	2,183,530	-11.4%
FERTILIZER PRODUCS	195	850	-77.1%	45	333.3%	1,210	13,225	-90.9%
GOLDMAN SACHS	11,884	27,483	-56.8%	11,814	0.6%	112,658	200,900	-43.9%
GSCI EXCESS RETURN FUT	7,310	380	1,823.7%	80,577	-90.9%	186,476	218,552	-14.7%
HDD EURO SEASONAL STRIP	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%	6,825	2,100	225.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0.0%	1,000	3,000	-66.7%
HOGS	1,049,972	1,570,486	-33.1%	1,046,866	0.3%	7,999,849	9,587,317	-16.6%
HOUSING INDEX	9	10	-10.0%	21	-57.1%	225	81	177.8%
Intercommodity Spread	0	0	0.0%	0	0.0%	0	0	0.0%
KC WHEAT	966,408	1,125,371	-14.1%	1,388,084	-30.4%	8,260,480	9,397,876	-12.1%
LUMBER	15,612	12,478	25.1%	11,808	32.2%	90,067	100,135	-10.1%
MALAYSIAN PALM SWAP	3,300	9,180	-64.1%	3,660	-9.8%	22,370	24,600	-9.1%
MILK	38,242	26,154	46.2%	40,852	-6.4%	254,258	174,776	45.5%
MINI CORN	24,799	16,852	47.2%	21,670	14.4%	142,654	101,533	40.5%
MINI SOYBEAN	32,658	17,531	86.3%	26,660	22.5%	184,296	125,890	46.4%
MINI WHEAT	12,609	9,256	36.2%	12,629	-0.2%	89,905	42,637	110.9%
MLK MID OPTIONS	0	0	0.0%	0	0.0%	0	0	0.0%
NFD MILK	5,217	5,373	-2.9%	7,035	-25.8%	65,801	46,131	42.6%
OATS	6,579	9,460	-30.5%	18,060	-63.6%	86,017	102,457	-16.0%
PACIFIC RIM DAT SS WTHR	0	0	-	0	0.0%	1,300	0	-
ROUGH RICE	9,409	13,534	-30.5%	27,150	-65.3%	164,507	137,549	19.6%
SOYBEAN	4,115,739	3,820,585	7.7%	5,562,754	-26.0%	32,462,544	30,792,116	5.4%
SOYBEAN MEAL	2,252,506	1,992,617	13.0%	2,759,751	-18.4%	17,290,462	16,666,479	3.7%
SOYBEAN OIL	2,494,849	2,231,788	11.8%	2,785,221	-10.4%	19,370,403	17,301,262	12.0%
S&P GSCI ENHANCED ER SWAP	0	0	0.0%	7,524	-100.0%	15,048	22,394	-32.8%
SUGAR 11	0	0	0.0%	0	0.0%	0	10	-100.0%
USD CRUDE PALM OIL	3,239	490	561.0%	2,385	35.8%	20,619	8,344	147.1%
WHEAT	26,530	24,452	8.5%	18,167	46.0%	156,999	110,214	42.4%

### Ag Products Options

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## CMEG Exchange Volume Report - Monthly

	VOLUME JUL 2020	VOLUME JUL 2019	% CHG	VOIUME JUN 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
<b>Ag Products Options</b>								
AUG-NOV SOYBEAN CAL SPRD	75	0	-	2	3,650.0%	77	0	-
BUTTER CS	1,391	2,277	-38.9%	2,738	-49.2%	25,348	26,066	-2.8%
CASH-SETTLED CHEESE	13,619	8,672	57.0%	11,491	18.5%	90,360	70,708	27.8%
CATTLE	192,165	132,132	45.4%	156,984	22.4%	1,745,847	1,373,296	27.1%
CAT WEATHER EUROPEAN	0	0	0.0%	0	0.0%	0	2,000	-100.0%
CDD SEASONAL STRIP	0	0	0.0%	0	0.0%	2,000	5,000	-60.0%
CHI WHEAT	698,882	614,076	13.8%	576,092	21.3%	4,553,023	5,009,099	-9.1%
CLASS IV MILK	1,773	3,559	-50.2%	4,962	-64.3%	41,497	29,156	42.3%
CORN	2,111,504	3,078,169	-31.4%	2,073,960	1.8%	12,229,783	21,419,031	-42.9%
CORN NEARBY+2 CAL SPRD	8,941	8,506	5.1%	12,420	-28.0%	41,501	35,729	16.2%
DEC-DEC CORN CAL SPRD	175	1,496	-88.3%	500	-65.0%	2,199	10,916	-79.9%
DEC-JULY CORN CAL SPRD	610	3,002	-79.7%	1,000	-39.0%	1,836	18,430	-90.0%
DEC-JULY WHEAT CAL SPRD	510	0	0.0%	0	0.0%	510	0	0.0%
DRY WHEY	770	325	136.9%	160	381.3%	4,236	6,507	-34.9%
FEEDER CATTLE	19,809	29,115	-32.0%	14,617	35.5%	191,651	225,361	-15.0%
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%
HOGS	217,447	430,322	-49.5%	242,188	-10.2%	2,056,272	2,643,005	-22.2%
HOUSING INDEX	0	0	0.0%	0	0.0%	0	7	-100.0%
Intercommodity Spread	275	0	0.0%	2,645	-89.6%	11,220	1,000	1,022.0%
JAN-MAR SOYBEAN CSO	10	0	-	0	-	10	0	-
JULY-DEC CORN CAL SPRD	0	693	-100.0%	0	0.0%	16,935	12,273	38.0%
JULY-DEC SOYMEAL CAL SPRD	0	0	0.0%	0	0.0%	0	0	0.0%
JULY-DEC WHEAT CAL SPRD	500	0	0.0%	415	20.5%	4,156	1,450	186.6%
JULY-JULY WHEAT CAL SPRD	0	0	-	0	0.0%	120	0	-
JULY-NOV SOYBEAN CAL SPRD	0	0	0.0%	6,575	-100.0%	13,947	6,121	127.9%
KC WHEAT	119,205	94,132	26.6%	80,109	48.8%	699,436	670,617	4.3%
LUMBER	843	2,004	-57.9%	499	68.9%	6,346	13,658	-53.5%
LV CATL CSO	0	0	0.0%	0	0.0%	0	479	-100.0%
MAR-DEC CORN CAL SPRD	0	0	-	0	0.0%	505	0	-
MAR-JULY CORN CAL SPRD	0	20	-100.0%	0	0.0%	2,500	20	12,400.0%
MAR-JULY WHEAT CAL SPRD	0	0	0.0%	0	0.0%	0	30	-100.0%
MILK	50,165	40,603	23.5%	65,988	-24.0%	369,420	265,402	39.2%
MLK MID OPTIONS	31	21	47.6%	38	-18.4%	117	210	-44.3%
NFD MILK	8,778	5,086	72.6%	2,794	214.2%	65,549	49,486	32.5%
NOV-JULY SOYBEAN CAL SPRD	0	250	-100.0%	0	0.0%	0	3,250	-100.0%
NOV-MAR SOYBEAN CSO	0	0	0.0%	85	-100.0%	985	20	4,825.0%
NOV-NOV SOYBEAN CAL SPRD	10	1,020	-99.0%	0	0.0%	10	1,884	-99.5%
OATS	138	158	-12.7%	165	-16.4%	1,796	3,833	-53.1%
ROUGH RICE	2,592	3,577	-27.5%	4,895	-47.0%	24,545	15,907	54.3%
SEP-DEC SOYBEAN MEAL CSO	0	0	0.0%	0	-	0	0	0.0%
SOYBEAN	1,482,862	1,113,335	33.2%	1,119,606	32.4%	7,516,402	8,558,041	-12.2%
SOYBEAN CRUSH	738	0	0.0%	290	154.5%	2,350	4	58,650.0%
SOYBEAN MEAL	232,213	163,197	42.3%	184,940	25.6%	1,455,572	1,150,632	26.5%
SOYBEAN OIL	162,554	92,839	75.1%	119,943	35.5%	1,234,875	767,852	60.8%
SOYBN NEARBY+2 CAL SPRD	370	0	0.0%	0	0.0%	1,250	5,500	-77.3%
SOYMEAL NEARBY+2 CAL SPRD	0	25	-100.0%	0	0.0%	200	490	-59.2%
WHEAT	1,817	2,915	-37.7%	1,722	5.5%	11,623	33,997	-65.8%
WHEAT-CORN ICSO	1,608	100	1,508.0%	20	7,940.0%	3,408	2,680	27.2%

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## CMEG Exchange Volume Report - Monthly

	VOLUME JUL 2020	VOLUME JUL 2019	% CHG	VOIUME JUN 2020	% CHG	VOLUME Y.T.D 2020	VOLUME Y.T.D 2019	% CHG
<b>Ag Products Options</b>								
WHEAT NEARBY+2 CAL SPRD	1,300	200	550.0%	1,205	7.9%	5,682	2,440	132.9%
<b>TOTAL FUTURES GROUP</b>								
Interest Rate Futures	67,946,890	139,445,230	-51.3%	99,044,934	-31.4%	1,029,190,287	1,125,308,623	-8.5%
Equity Index Futures	101,381,292	51,569,955	96.6%	124,029,181	-18.3%	751,659,496	386,343,768	94.6%
Metals Futures	14,514,648	14,679,597	-1.1%	10,629,814	36.5%	92,098,076	80,106,724	15.0%
Energy Futures	33,316,878	43,136,811	-22.8%	38,883,478	-14.3%	357,407,274	312,632,761	14.3%
FX Futures	15,808,118	14,143,125	11.8%	19,809,580	-20.2%	122,450,715	116,325,717	5.3%
Ags Futures	4,707	2,810	67.5%	3,095	52.1%	21,244	11,765	80.6%
Foreign Exchange Futures	0	0	0.0%	0	0.0%	0	410	-100.0%
Ag Products Futures	22,501,721	22,902,007	-1.7%	28,706,924	-21.6%	171,895,193	187,125,321	-8.1%
<b>TOTAL FUTURES</b>	<b>255,474,254</b>	<b>285,879,535</b>	<b>-10.6%</b>	<b>321,107,006</b>	<b>-20.4%</b>	<b>2,524,722,285</b>	<b>2,207,855,089</b>	<b>14.4%</b>
<b>TOTAL OPTIONS GROUP</b>								
Equity Index Options	12,831,536	11,099,226	15.6%	15,524,307	-17.3%	115,708,748	87,639,538	32.0%
Interest Rate Options	19,722,157	54,762,505	-64.0%	28,273,062	-30.2%	348,936,355	428,380,010	-18.5%
Metals Options	1,444,730	2,035,038	-29.0%	1,043,088	38.5%	11,669,454	10,740,766	8.6%
Energy Options	3,967,915	4,877,393	-18.6%	4,784,980	-17.1%	42,943,365	34,959,842	22.8%
FX Options	810,571	1,011,413	-19.9%	861,826	-5.9%	6,737,501	7,879,585	-14.5%
Ag Products Options	5,333,680	5,831,826	-8.5%	4,689,048	13.7%	32,435,099	42,441,587	-23.6%
Foreign Exchange Options	790	553	42.9%	681	16.0%	6,655	5,939	12.1%
<b>TOTAL OPTIONS</b>	<b>44,111,379</b>	<b>79,617,954</b>	<b>-44.6%</b>	<b>55,176,992</b>	<b>-20.1%</b>	<b>558,437,177</b>	<b>612,047,267</b>	<b>-8.8%</b>
<b>TOTAL COMBINED</b>								
Interest Rate	87,669,047	194,207,735	-54.9%	127,317,996	-31.1%	1,378,126,642	1,553,688,633	-11.3%
Equity Index	114,212,828	62,669,181	82.2%	139,553,488	-18.2%	867,368,244	473,983,306	83.0%
Metals	15,959,378	16,714,635	-4.5%	11,672,902	36.7%	103,767,530	90,847,490	14.2%
Energy	37,284,793	48,014,204	-22.3%	43,668,458	-14.6%	400,350,639	347,592,603	15.2%
FX	16,618,689	15,154,538	9.7%	20,671,406	-19.6%	129,188,216	124,205,302	4.0%
Ags	4,707	2,810	67.5%	3,095	52.1%	21,244	11,765	80.6%
Foreign Exchange	790	553	42.9%	681	16.0%	6,655	6,349	4.8%
Ag Products	27,835,401	28,733,833	-3.1%	33,395,972	-16.7%	204,330,292	229,566,908	-11.0%
<b>GRAND TOTAL</b>	<b>299,585,633</b>	<b>365,497,489</b>	<b>-18.0%</b>	<b>376,283,998</b>	<b>-20.4%</b>	<b>3,083,159,462</b>	<b>2,819,902,356</b>	<b>9.3%</b>

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