

**CMEG Exchange Volume Report - Monthly**

	VOLUME JUL 2023	VOLUME JUL 2022	% CHG	VOIUME JUN 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Interest Rate Futures</b>								
10-YR Eris LIBOR	0	7,802	-100.0%	0	0.0%	25,530	112,025	-77.2%
10-YR Eris SOFR	2,563	417	514.6%	54,433	-95.3%	102,408	6,082	1,583.8%
10-YR MAC LIBOR	0	6,498	-100.0%	7,943	-100.0%	62,603	231,579	-73.0%
10-YR MAC SOFR	0	0	-	0	0.0%	18	0	-
10-YR NOTE	29,864,662	29,789,371	0.3%	32,561,044	-8.3%	273,307,403	276,663,884	-1.2%
10Y YIELD	80,437	97,723	-17.7%	64,066	25.6%	564,385	692,510	-18.5%
15-YR Eris LIBOR	0	0	0.0%	0	0.0%	0	1,500	-100.0%
1-MONTH EURODOLLAR	0	4,607	-100.0%	0	0.0%	1,006	71,779	-98.6%
1-YR Eris BSBY	0	300	-100.0%	0	0.0%	0	1,300	-100.0%
1-YR Eris SOFR	1	7,711	-100.0%	11,283	-100.0%	39,730	189,448	-79.0%
20-YR BOND	73	3,644	-98.0%	120	-39.2%	3,371	27,338	-87.7%
20-YR Eris LIBOR	0	0	0.0%	0	-	0	0	0.0%
2-YR Eris LIBOR	0	15,701	-100.0%	0	0.0%	95,589	553,437	-82.7%
2-YR Eris SOFR	1,568	4,487	-65.1%	46,325	-96.6%	155,887	97,229	60.3%
2-YR NOTE	11,048,054	9,994,491	10.5%	12,352,183	-10.6%	108,164,974	100,351,846	7.8%
2Y YIELD	4,552	6,345	-28.3%	4,893	-7.0%	47,949	54,796	-12.5%
30-Year UMBS TBA Futures - 2.5%	60	0	-	15	300.0%	861	0	-
30-Year UMBS TBA Futures - 3.0%	728	0	-	242	200.8%	1,793	0	-
30-Year UMBS TBA Futures - 3.5%	696	0	-	250	178.4%	2,465	0	-
30-Year UMBS TBA Futures - 4.0%	879	0	-	488	80.1%	2,631	0	-
30-Year UMBS TBA Futures - 4.5%	1,243	0	-	2,433	-48.9%	7,470	0	-
30-Year UMBS TBA Futures - 5.0%	2,592	0	-	3,564	-27.3%	9,025	0	-
30-Year UMBS TBA Futures - 5.5%	6,582	0	-	560	1,075.4%	8,590	0	-
30-Year UMBS TBA Futures - 6.0%	820	0	-	1,560	-47.4%	4,402	0	-
30-YR BOND	6,643,190	6,272,415	5.9%	6,734,296	-1.4%	55,197,314	58,640,411	-5.9%
30-YR Eris LIBOR	0	0	0.0%	0	0.0%	0	636	-100.0%
30-YR MAC LIBOR	0	0	0.0%	0	0.0%	0	4,304	-100.0%
30-YR SWAP RATE	0	0	-	0	0.0%	0	0	-
30Y YIELD	550	7,835	-93.0%	616	-10.7%	6,560	74,792	-91.2%
3-YR Eris BSBY	0	0	0.0%	0	0.0%	0	4	-100.0%
3-YR Eris LIBOR	0	6,579	-100.0%	0	0.0%	16,994	202,240	-91.6%
3-YR Eris SOFR	5,733	6,158	-6.9%	11,666	-50.9%	48,538	36,307	33.7%
3-YR NOTE	79,017	335,607	-76.5%	69,808	13.2%	773,749	2,456,545	-68.5%
4-YR Eris LIBOR	0	3,545	-100.0%	0	0.0%	1,403	56,397	-97.5%
4-YR Eris SOFR	862	104	728.8%	2,816	-69.4%	10,470	8,461	23.7%
5-YR Eris LIBOR	0	24,882	-100.0%	0	0.0%	61,451	324,967	-81.1%
5-YR Eris SOFR	8,611	4,178	106.1%	91,704	-90.6%	230,337	23,308	888.2%
5-YR MAC LIBOR	0	32,844	-100.0%	0	0.0%	45,628	226,717	-79.9%
5-YR MAC SOFR	0	0	-	0	0.0%	92	0	-
5-YR NOTE	22,611,827	20,411,444	10.8%	23,675,228	-4.5%	208,519,320	194,209,997	7.4%
5Y YIELD	5	4,575	-99.9%	27	-81.5%	938	20,453	-95.4%
7-YR Eris LIBOR	0	2,298	-100.0%	0	0.0%	5,425	34,450	-84.3%
7-YR Eris SOFR	676	108	525.9%	1,376	-50.9%	6,047	5,539	9.2%
BSBY 3-MONTH FUTURES	1,512	23,037	-93.4%	2,335	-35.2%	31,259	457,732	-93.2%
ESTR Basis Spread Futures	921	0	-	3,221	-71.4%	8,988	0	-
ESTR Futures	122,699	0	-	135,021	-9.1%	435,204	0	-
EURODOLLARS	0	25,666,002	-100.0%	225,910	-100.0%	28,319,809	296,387,344	-90.4%
FED FUND	6,551,254	6,872,850	-4.7%	10,412,908	-37.1%	73,959,249	51,147,349	44.6%
FTIIE	144	69	108.7%	335	-57.0%	1,662	707	135.1%
SOFR	55,807,014	35,582,062	56.8%	69,107,278	-19.2%	489,716,755	210,978,507	132.1%

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<b>Interest Rate Futures</b>								
SONIA	0	57	-100.0%	16	-100.0%	1,336	1,293	3.3%
Ultra 10-Year Note	7,211,963	5,263,388	37.0%	7,660,288	-5.9%	62,997,777	56,159,741	12.2%
ULTRA T-BOND	3,919,852	2,914,968	34.5%	4,120,848	-4.9%	37,334,947	33,447,766	11.6%
<b>Interest Rate Options</b>								
10-YR NOTE	13,100,036	12,948,747	1.2%	10,998,479	19.1%	97,149,820	95,979,270	1.2%
2-YR NOTE	266,768	137,141	94.5%	429,672	-37.9%	2,868,363	322,055	790.6%
30-YR BOND	2,029,978	1,964,956	3.3%	1,920,370	5.7%	16,608,082	17,357,500	-4.3%
5-YR NOTE	5,374,942	5,355,042	0.4%	5,292,708	1.6%	44,165,406	37,859,599	16.7%
EURODOLLARS	0	6,620,139	-100.0%	419,207	-100.0%	9,567,416	96,056,442	-90.0%
EURO MIDCURVE	0	2,793,703	-100.0%	0	0.0%	597,753	58,528,629	-99.0%
FED FUND	1	1	0.0%	1	0.0%	4	45	-91.1%
SOFR	18,597,880	6,462,296	187.8%	26,510,904	-29.8%	228,772,559	18,795,829	1,117.1%
SOFR MIDCURVE	4,891,804	1,258,058	288.8%	5,514,387	-11.3%	45,432,207	5,154,373	781.4%
SOFR MISCURVE	0	0	-	0	0.0%	700	0	-
Ultra 10-Year Note	1,900	6	31,566.7%	50	3,700.0%	5,833	747	680.9%
ULTRA T-BOND	3,915	1,074	264.5%	1,522	157.2%	16,041	18,212	-11.9%
<b>Equity Index Futures</b>								
BITCOIN	209,142	246,430	-15.1%	264,323	-20.9%	1,560,636	1,462,335	6.7%
DJ US REAL ESTATE SECTOR	46,896	49,763	-5.8%	127,816	-63.3%	456,788	504,692	-9.5%
E-mini (\$5) Dow	2,804,935	3,318,866	-15.5%	3,734,728	-24.9%	25,041,910	30,636,397	-18.3%
E-mini FTSE China 50	0	177	-100.0%	0	0.0%	44	6,841	-99.4%
E-MINI MIDCAP	198,351	237,655	-16.5%	353,312	-43.9%	1,931,966	2,391,082	-19.2%
E-MINI NASDAQ 100	12,165,137	12,307,659	-1.2%	14,728,894	-17.4%	95,498,016	101,953,299	-6.3%
E-MINI RUSSELL 1000	1,803	7,385	-75.6%	21,052	-91.4%	61,717	104,188	-40.8%
E-MINI RUSSELL 1000 GROWTH	2,533	2,134	18.7%	11,122	-77.2%	38,345	61,193	-37.3%
E-MINI RUSSELL 1000 VALUE	5,454	9,468	-42.4%	47,863	-88.6%	119,583	183,024	-34.7%
E-MINI RUSSELL 2000	3,497,961	3,635,280	-3.8%	6,056,657	-42.2%	32,115,321	35,504,949	-9.5%
E-MINI S&P500	27,788,957	34,150,807	-18.6%	43,725,510	-36.4%	262,793,712	278,742,845	-5.7%
E-MINI S&P500 ESG	9,892	10,235	-3.4%	45,076	-78.1%	157,121	218,766	-28.2%
ETHER	0	0	-	0	0.0%	0	0	-
ETHER FUTURES	76,293	158,409	-51.8%	97,187	-21.5%	733,597	887,710	-17.4%
FT-SE 100	105	105	0.0%	0	0.0%	460	1,244	-63.0%
FTSE Emerging	0	0	0.0%	0	-	0	0	0.0%
IBOVESPA INDEX	16	45	-64.4%	36	-55.6%	258	445	-42.0%
MICRO BITCOIN	181,455	258,348	-29.8%	245,577	-26.1%	1,497,195	2,564,217	-41.6%
MICRO E-MINI NASDAQ 100	19,724,668	26,864,939	-26.6%	21,358,976	-7.7%	150,402,593	222,415,979	-32.4%
MICRO E-MINI RUSSELL 2000	1,283,107	1,933,174	-33.6%	1,783,803	-28.1%	11,625,164	21,551,049	-46.1%
MICRO E-MINI S&P500	13,838,451	25,310,520	-45.3%	19,812,278	-30.2%	151,495,253	196,104,435	-22.7%
MICRO ETHER	132,155	513,186	-74.2%	167,092	-20.9%	1,357,469	3,017,295	-55.0%
MICRO MINI \$5 DOW	1,306,672	3,031,530	-56.9%	1,727,526	-24.4%	16,617,212	29,191,456	-43.1%
NASDAQ-100 VOLATILITY	0	647	-100.0%	0	0.0%	3,203	18,341	-82.5%
NASDAQ BIOTECH SECTOR	335	65	415.4%	68	392.6%	1,435	1,269	13.1%
Nearby BTIC+	0	600	-100.0%	0	0.0%	0	6,488	-100.0%
NIKKEI 225 (\$) STOCK	170,154	72,299	135.3%	249,683	-31.9%	929,790	852,109	9.1%

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<b>Equity Index Futures</b>								
NIKKEI 225 (YEN) STOCK	608,706	599,057	1.6%	949,148	-35.9%	4,418,253	5,711,115	-22.6%
PHLX SEMICONDUCTOR SECTO	154	0	-	915	-83.2%	3,109	0	-
S&P 500	55,624	34,164	62.8%	202,261	-72.5%	719,940	526,445	36.8%
S&P 500 ANNUAL DIVIDEND IND	63,164	74,186	-14.9%	65,138	-3.0%	495,354	621,686	-20.3%
S&P 500 QUARLY DIVIDEND IND	9,417	7,256	29.8%	11,649	-19.2%	110,641	31,257	254.0%
S&P 600 SMALLCAP EMINI	592	0	-	0	-	592	0	-
S&P BIOTECHNOLOGY SECTOR	107	0	-	622	-82.8%	7,775	0	-
S&P COMMUNICATION SERVICE	3,307	1,724	91.8%	13,139	-74.8%	42,253	27,756	52.2%
S&P CONSUMER DISCRETIONAF	6,816	9,700	-29.7%	24,435	-72.1%	76,945	101,942	-24.5%
S&P CONSUMER STAPLES SECT	23,247	11,304	105.7%	50,928	-54.4%	226,049	188,320	20.0%
S&P ENERGY SECTOR	23,950	44,557	-46.2%	95,783	-75.0%	326,952	485,475	-32.7%
S&P FINANCIAL SECTOR	14,358	12,594	14.0%	86,219	-83.3%	345,398	272,869	26.6%
S&P HEALTH CARE SECTOR	9,558	15,032	-36.4%	40,557	-76.4%	168,958	202,074	-16.4%
S&P INDUSTRIAL SECTOR	12,042	15,154	-20.5%	41,261	-70.8%	162,453	211,472	-23.2%
S&P MATERIALS SECTOR	18,899	8,071	134.2%	57,437	-67.1%	124,987	111,322	12.3%
S&P OIL & GAS EXPLORATION A	221	0	-	144	53.5%	1,418	0	-
S&P REAL ESTATE SECTOR	7,137	2,492	186.4%	19,487	-63.4%	75,985	48,323	57.2%
S&P REGIONAL BANKS SECTOR	777	0	-	2,738	-71.6%	9,320	0	-
S&P RETAIL SECTOR	855	0	-	1,978	-56.8%	4,428	0	-
S&P TECHNOLOGY SECTOR	5,975	11,931	-49.9%	30,768	-80.6%	124,859	167,505	-25.5%
S&P UTILITIES SECTOR	37,082	20,718	79.0%	81,257	-54.4%	322,120	256,996	25.3%
S&P VALUE INDEX FUTURES	0	0	0.0%	0	-	0	0	0.0%
TOPIX (USD)	40	0	-	403	-90.1%	612	0	-
TOPIX (YEN)	409	87	370.1%	278	47.1%	1,819	15,638	-88.4%
WATER INDEX FUTURES	8	11	-27.3%	14	-42.9%	125	567	-78.0%
<b>Equity Index Options</b>								
BITCOIN OPTIONS	4,771	2,550	87.1%	4,289	11.2%	47,883	18,061	165.1%
DJIA	6,039	0	-	4,250	42.1%	50,501	0	-
E-mini (\$5) Dow	103	1,739	-94.1%	117	-12.0%	5,049	16,246	-68.9%
E-MINI NASDAQ 100	1,609,423	874,696	84.0%	1,722,696	-6.6%	8,933,786	6,978,006	28.0%
E-MINI RUSSELL 2000	108,884	93,338	16.7%	176,785	-38.4%	1,038,001	1,012,396	2.5%
E-MINI S&P500	22,220,150	18,856,962	17.8%	26,093,426	-14.8%	171,795,978	158,182,410	8.6%
EOM S&P 500	0	0	0.0%	0	-	0	0	0.0%
ETHER OPTIONS	2,120	0	-	1,397	51.8%	10,798	0	-
EVENT CONTRACT S&P 500	7,328	0	-	4,095	78.9%	36,131	0	-
MICRO BITCOIN	15,727	14,300	10.0%	14,717	6.9%	78,784	41,329	90.6%
MICRO E-MINI NASDAQ 100	51,014	35,095	45.4%	58,140	-12.3%	378,177	409,624	-7.7%
Micro E-mini S&P 500	162,990	176,738	-7.8%	207,317	-21.4%	1,613,866	1,667,913	-3.2%
MICRO ETHER	7,371	45,582	-83.8%	24,518	-69.9%	118,904	102,619	15.9%
S&P 500	0	0	0.0%	0	-	0	0	0.0%

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<b>Metals Futures</b>								
ALUMINUM	94,645	73,528	28.7%	89,770	5.4%	622,040	262,982	136.5%
COBALT METAL FUTURES	2,838	1,140	148.9%	1,946	45.8%	20,762	6,439	222.4%
COMEX COPPER	1,763,625	1,659,098	6.3%	2,434,187	-27.5%	15,058,146	12,078,995	24.7%
COMEX E-Mini GOLD	25,057	27,969	-10.4%	24,741	1.3%	259,617	215,600	20.4%
COMEX E-Mini SILVER	3,783	3,132	20.8%	4,568	-17.2%	42,210	27,229	55.0%
COMEX GOLD	5,146,192	5,400,881	-4.7%	4,018,550	28.1%	35,125,213	33,620,789	4.5%
COMEX MINY COPPER	3,966	3,019	31.4%	5,878	-32.5%	40,834	25,306	61.4%
COMEX SILVER	1,189,954	1,206,253	-1.4%	1,699,854	-30.0%	10,482,836	9,827,549	6.7%
COPPER	91,447	76,937	18.9%	110,244	-17.1%	771,028	219,608	251.1%
FERROUS PRODUCTS	757	2,509	-69.8%	866	-12.6%	7,249	18,416	-60.6%
GOLD	51	1,159	-95.6%	15	240.0%	3,891	53,108	-92.7%
HOT ROLLED COIL STEEL FUTU	4,084	3,708	10.1%	3,856	5.9%	37,379	18,411	103.0%
IRON ORE CHINA	61	1,448	-95.8%	740	-91.8%	1,636	9,460	-82.7%
METALS	1,753	196	794.4%	346	406.6%	6,017	1,747	244.4%
MICRO GOLD	1,263,220	881,738	43.3%	1,389,027	-9.1%	10,423,601	7,768,603	34.2%
NYMEX HOT ROLLED STEEL	25,264	14,980	68.7%	32,789	-22.9%	200,845	158,146	27.0%
NYMEX PLATINUM	358,034	312,284	14.7%	621,654	-42.4%	3,217,368	2,855,212	12.7%
PALLADIUM	48,300	32,801	47.3%	47,515	1.7%	423,894	321,663	31.8%
SILVER	208,685	122,752	70.0%	185,616	12.4%	1,549,202	1,134,190	36.6%
URANIUM	0	0	0.0%	0	0.0%	0	24	-100.0%
<b>Metals Options</b>								
ALUMINUM	1,320	0	0.0%	2,604	-49.3%	7,924	0	0.0%
COMEX COPPER	119,446	88,642	34.8%	101,331	17.9%	930,941	550,098	69.2%
COMEX GOLD	727,198	817,227	-11.0%	793,912	-8.4%	6,988,711	6,196,648	12.8%
COMEX SILVER	147,742	88,029	67.8%	127,558	15.8%	1,143,084	751,216	52.2%
COPPER	7,296	4,822	51.3%	5,889	23.9%	62,729	9,292	575.1%
GOLD	225,179	212,848	5.8%	223,191	0.9%	1,953,520	1,509,690	29.4%
IRON ORE CHINA	0	0	0.0%	0	0.0%	0	0	0.0%
NYMEX HOT ROLLED STEEL	1,938	1,460	32.7%	2,200	-11.9%	15,933	11,450	39.2%
NYMEX PLATINUM	15,014	2,382	530.3%	19,056	-21.2%	118,414	40,387	193.2%
PALLADIUM	437	7	6,142.9%	532	-17.9%	6,476	111	5,734.2%
SILVER	40,111	15,489	159.0%	38,109	5.3%	274,095	130,035	110.8%
<b>Energy Futures</b>								
AEP-DAYTON HUB DAILY	0	0	0.0%	0	0.0%	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	2,240	8,180	-72.6%	2,375	-5.7%	26,320	39,085	-32.7%
ARGUS PROPAN FAR EST INDE	8,213	4,635	77.2%	9,023	-9.0%	58,991	39,301	50.1%
ARGUS PROPAN(SAUDI ARAMC	2,493	1,306	90.9%	2,356	5.8%	19,880	14,102	41.0%
BRENT BALMO SWAP	15	0	0.0%	20	-25.0%	35	1,587	-97.8%
BRENT CALENDAR SWAP	4,310	10,029	-57.0%	5,073	-15.0%	59,474	102,375	-41.9%
BRENT FINANCIAL FUTURES	0	240	-100.0%	0	0.0%	330	240	37.5%
BRENT OIL LAST DAY	1,064,524	1,321,274	-19.4%	1,236,060	-13.9%	8,086,789	10,675,929	-24.3%
CAR VINTAGE	9,087	21,464	-57.7%	9,721	-6.5%	116,618	106,019	10.0%
CEU ENERGY	330	0	-	0	-	330	0	-
CHICAGO ETHANOL SWAP	71,785	55,492	29.4%	90,038	-20.3%	513,240	406,523	26.3%

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**CMEG Exchange Volume Report - Monthly**

	VOLUME JUL 2023	VOLUME JUL 2022	% CHG	VOIUME JUN 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Energy Futures</b>								
CHICAGO ULSD PL VS HO SPR	2,415	425	468.2%	1,305	85.1%	8,280	4,113	101.3%
CHICAGO UNL GAS PL VS RBO	0	0	0.0%	0	0.0%	0	0	0.0%
CONWAY NATURAL GASOLINE (	36	0	0.0%	72	-50.0%	486	1,721	-71.8%
CONWAY NORMAL BUTANE (OPI	333	550	-39.5%	510	-34.7%	2,033	2,542	-20.0%
CONWAY PROPANE 5 DECIMALS	17,922	13,825	29.6%	21,781	-17.7%	134,540	108,320	24.2%
CRUDE OIL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL LAST DAY	120	572	-79.0%	139	-13.7%	2,691	2,946	-8.7%
CRUDE OIL OUTRIGHTS	121,092	51,847	133.6%	106,316	13.9%	981,566	515,403	90.4%
CRUDE OIL PHY	18,081,572	18,696,392	-3.3%	20,111,096	-10.1%	130,654,531	145,796,663	-10.4%
CRUDE OIL SPRDS	47,528	41,899	13.4%	50,238	-5.4%	458,632	363,964	26.0%
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 TO FRONTLINE BRENT	0	0	0.0%	0	0.0%	0	2,220	-100.0%
DIESEL 10P BRG FOB RDM VS	0	0	0.0%	0	0.0%	0	5	-100.0%
DOMINION TRANSMISSION INC	0	0	0.0%	0	-	0	0	0.0%
DUBAI CRUDE OIL CALENDAR	400	0	0.0%	0	0.0%	400	2,000	-80.0%
DUTCH TTF NATURAL GAS CAL	28,974	21	137,871.4%	26,713	8.5%	68,644	14,394	376.9%
EAST/WEST FUEL OIL SPREAD	0	0	0.0%	0	-	0	0	0.0%
EIA FLAT TAX ONHWAY DIESE	0	0	0.0%	60	-100.0%	781	816	-4.3%
ELEC FINSETTLED	0	0	0.0%	0	-	0	0	0.0%
ELECTRICITY OFF PEAK	0	0	0.0%	0	-	0	0	0.0%
EMMISSIONS	3,219	3,695	-12.9%	1,595	101.8%	16,012	9,527	68.1%
ETHANOL	10	0	0.0%	0	0.0%	36	10	260.0%
ETHANOL SWAP	140	135	3.7%	525	-73.3%	2,340	1,435	63.1%
ETHANOL T2 FOB ROTT INCL DU	4,180	1,248	234.9%	5,324	-21.5%	29,984	19,123	56.8%
EURO 3.5% FUEL OIL RDAM B	0	0	0.0%	87	-100.0%	126	0	0.0%
EURO GASOIL 10 CAL SWAP	0	0	-	0	0.0%	0	0	-
EURO GASOIL 10PPM VS ICE	0	0	0.0%	0	0.0%	0	1,169	-100.0%
EUROPE 1% FUEL OIL NWE CA	0	0	0.0%	0	0.0%	0	0	0.0%
EUROPE 3.5% FUEL OIL MED	0	0	0.0%	0	-	0	0	0.0%
EUROPE 3.5% FUEL OIL RDAM	0	0	0.0%	3	-100.0%	223	546	-59.2%
EUROPEAN GASOIL (ICE)	0	1,738	-100.0%	24	-100.0%	261	12,599	-97.9%
EUROPEAN NAPHTHA BALMO	25	7	257.1%	0	0.0%	89	152	-41.4%
EUROPEAN NAPHTHA CRACK SP	3,263	843	287.1%	2,697	21.0%	22,421	17,548	27.8%
EUROPE DATED BRENT SWAP	0	0	0.0%	0	0.0%	0	0	0.0%
EUROPE JET KERO NWE CALSW	0	0	0.0%	0	-	0	0	0.0%
EUROPE NAPHTHA CALSWAP	636	307	107.2%	840	-24.3%	6,689	4,731	41.4%
EURO PROPANE CIF ARA SWA	2,235	920	142.9%	1,881	18.8%	13,750	11,345	21.2%
FREIGHT MARKETS	15	75	-80.0%	154	-90.3%	1,309	1,645	-20.4%
FUEL OIL CRACK VS ICE	0	36	-100.0%	0	0.0%	0	1,192	-100.0%
FUEL OIL NWE CRACK VS ICE	0	0	0.0%	0	0.0%	30	66	-54.5%
FUELOIL SWAP:CARGOES VS.B	0	0	0.0%	0	0.0%	0	0	0.0%
GAS EURO-BOB OXY NWE BARG	524	173	202.9%	355	47.6%	1,848	1,583	16.7%
GAS EURO-BOB OXY NWE BARG	354	705	-49.8%	1,988	-82.2%	10,385	20,297	-48.8%
GASOIL 0.1CIF MED VS ICE	0	0	0.0%	0	0.0%	0	45	-100.0%
GASOIL 0.1 RDAM BRGS VS I	0	0	0.0%	0	0.0%	0	10	-100.0%
GASOIL 0.1 ROTTERDAM BARG	0	5	-100.0%	0	0.0%	0	65	-100.0%
GASOIL 10PPM VS ICE SWAP	0	0	-	0	0.0%	0	0	-
GASOIL CALENDAR SWAP	0	6	-100.0%	9	-100.0%	45	941	-95.2%
GASOIL CRACK SPREAD CALEN	0	87	-100.0%	0	0.0%	525	10,842	-95.2%

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**CMEG Exchange Volume Report - Monthly**

	VOLUME JUL 2023	VOLUME JUL 2022	% CHG	VOIUME JUN 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Energy Futures</b>								
GASOIL MINI CALENDAR SWAP	208	158	31.6%	176	18.2%	1,443	2,511	-42.5%
GERMAN POWER BASELOAD CA	0	0	0.0%	0	0.0%	0	0	0.0%
GRP THREE ULSD(PLT)VS HEA	5,695	3,155	80.5%	5,520	3.2%	29,216	35,585	-17.9%
GRP THREE UNL GS (PLT) VS	2,030	1,707	18.9%	1,507	34.7%	17,017	25,622	-33.6%
GULF COAST 3% FUEL OIL BA	0	107	-100.0%	0	0.0%	0	847	-100.0%
GULF COAST JET FUEL CLNDR	0	0	0.0%	0	-	0	0	0.0%
GULF COAST JET VS NYM 2 H	11,645	4,085	185.1%	11,298	3.1%	69,987	77,509	-9.7%
GULF COAST NO.6 FUEL OIL	17,955	9,386	91.3%	17,704	1.4%	133,169	69,911	90.5%
GULF COAST ULSD CALENDAR	0	0	0.0%	60	-100.0%	862	728	18.4%
GULF COAST ULSD CRACK SPR	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL BALMO CLNDR S	93	265	-64.9%	295	-68.5%	1,256	3,170	-60.4%
HEATING OIL CRCK SPRD BAL	0	127	-100.0%	0	0.0%	0	127	-100.0%
HEATING OIL PHY	3,104,862	2,896,176	7.2%	3,258,165	-4.7%	21,775,683	23,702,357	-8.1%
HENRY HUB SWAP	17,940	15,141	18.5%	17,171	4.5%	232,191	188,833	23.0%
HOUSTON SHIP CHANNEL BASI	0	0	0.0%	0	-	0	0	0.0%
HTG OIL	36	36	0.0%	0	0.0%	84	72	16.7%
ICE BRENT DUBAI SWAP	0	0	0.0%	0	0.0%	190	2,193	-91.3%
ICE GASOIL BALMO SWAP	0	0	0.0%	0	-	0	0	0.0%
INDIANA MISO	0	0	0.0%	0	-	0	0	0.0%
INDONESIAN COAL ICI4	0	0	0.0%	0	0.0%	0	0	0.0%
JAPAN C&F NAPHTHA CRACK S	0	214	-100.0%	5	-100.0%	5	312	-98.4%
JAPAN C&F NAPHTHA SWAP	67	121	-44.6%	381	-82.4%	1,129	935	20.7%
JAPAN NAPHTHA BALMO SWAP	0	0	0.0%	0	0.0%	12	6	100.0%
JET CIF NWE VS ICE	0	120	-100.0%	0	0.0%	186	1,447	-87.1%
JET FUEL UP-DOWN BALMO CL	1,590	705	125.5%	1,375	15.6%	7,061	14,666	-51.9%
JKM LNG Futures	0	48	-100.0%	0	0.0%	0	2,155	-100.0%
LA CARB DIESEL (OPIS) SWA	100	0	0.0%	0	0.0%	2,368	2,191	8.1%
LA CARBOB GASOLINE(OPIS)S	0	0	0.0%	0	0.0%	225	0	0.0%
LA JET (OPIS) SWAP	360	125	188.0%	910	-60.4%	4,065	3,275	24.1%
LLS (ARGUS) CALENDAR SWAP	0	0	0.0%	0	-	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	0	0	0.0%	0	0.0%	590	93	534.4%
LTD NAT GAS	269,541	291,934	-7.7%	324,143	-16.8%	2,424,423	2,520,308	-3.8%
MARS (ARGUS) VS WTI SWAP	0	75	-100.0%	0	0.0%	0	1,610	-100.0%
MARS (ARGUS) VS WTI TRD M	10,690	10,673	0.2%	15,820	-32.4%	122,660	106,946	14.7%
MCCLOSKEY ARA ARGS COAL	588	4,073	-85.6%	1,224	-52.0%	6,933	47,086	-85.3%
MCCLOSKEY RCH BAY COAL	0	166	-100.0%	0	0.0%	12	2,990	-99.6%
MGN1 SWAP FUT	0	0	0.0%	0	-	0	0	0.0%
MINI GAS EUROBOB OXY NWE A	110	10	1,000.0%	0	0.0%	130	233	-44.2%
MINI RBOB V. EBOBARG NWE BF	0	0	0.0%	0	0.0%	210	50	320.0%
MINI RBOB V. EBOB(ARGUS) NW	0	348	-100.0%	43	-100.0%	929	2,734	-66.0%
MINY HTG OIL	5	11	-54.5%	13	-61.5%	72	57	26.3%
MINY NATURAL GAS	148,199	314,192	-52.8%	183,865	-19.4%	1,698,037	2,242,911	-24.3%
MINY RBOB GAS	6	7	-14.3%	7	-14.3%	68	60	13.3%
MINY WTI CRUDE OIL	268,736	654,834	-59.0%	343,919	-21.9%	2,281,927	4,402,719	-48.2%
MJC FUT	0	0	0.0%	0	0.0%	0	0	0.0%
MNC FUT	479	1,279	-62.5%	652	-26.5%	7,337	11,617	-36.8%
MONT BELVIEU ETHANE 5 DECI	45,897	34,186	34.3%	25,613	79.2%	235,012	249,726	-5.9%
MONT BELVIEU ETHANE OPIS B	80	415	-80.7%	415	-80.7%	4,525	6,193	-26.9%
MONT BELVIEU LDH PROPANE 5	208,940	121,218	72.4%	246,355	-15.2%	1,604,853	1,168,135	37.4%
MONT BELVIEU LDH PROPANE C	2,621	2,366	10.8%	1,832	43.1%	16,988	21,974	-22.7%

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## CMEG Exchange Volume Report - Monthly

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<b>Energy Futures</b>								
MONT BELVIEU NATURAL GASO	22,756	25,125	-9.4%	36,809	-38.2%	180,065	163,173	10.4%
MONT BELVIEU NATURAL GASO	668	2,119	-68.5%	2,045	-67.3%	10,936	9,685	12.9%
MONT BELVIEU NORMAL BUTAN	82,302	50,433	63.2%	76,049	8.2%	471,794	366,257	28.8%
MONT BELVIEU NORMAL BUTAN	696	769	-9.5%	879	-20.8%	8,057	10,749	-25.0%
NATURAL GAS	136,465	136,969	-0.4%	165,759	-17.7%	1,331,749	1,296,738	2.7%
NATURAL GAS PEN SWP	14,715	34,796	-57.7%	25,491	-42.3%	154,760	353,442	-56.2%
NATURAL GAS PHY	6,478,580	5,826,935	11.2%	9,070,441	-28.6%	58,293,921	53,221,312	9.5%
NEPOOL INTR HUB 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	1,265	825	53.3%	1,185	6.8%	5,092	6,112	-16.7%
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%
N ILLINOIS HUB DAILY	0	0	0.0%	0	0.0%	0	0	0.0%
NY1% VS GC SPREAD SWAP	0	0	0.0%	0	0.0%	0	0	0.0%
NY HARBOR 1% FUEL OIL BAL	0	0	0.0%	0	-	0	0	0.0%
NY HARBOR HEAT OIL SWP	1,590	1,311	21.3%	2,527	-37.1%	17,153	8,032	113.6%
NY HARBOR LOW SULPUR GAS	0	0	0.0%	0	0.0%	0	0	0.0%
NY HARBOR RESIDUAL FUEL 1	0	25	-100.0%	70	-100.0%	750	1,075	-30.2%
NYH NO 2 CRACK SPREAD CAL	3,645	675	440.0%	4,066	-10.4%	26,836	14,645	83.2%
NYISO CAPACITY	0	0	0.0%	0	-	0	0	0.0%
NYISO ZONE G 5MW D AH O P	0	0	0.0%	0	-	0	0	0.0%
NYISO ZONE G 5MW D AH PK	0	0	0.0%	0	0.0%	0	0	0.0%
NY ULSD (ARGUS) VS HEATING	1,101	1,499	-26.6%	4,892	-77.5%	9,705	3,580	171.1%
PANHANDLE BASIS SWAP FUTU	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	3,750	1,841	103.7%	3,874	-3.2%	28,711	23,189	23.8%
PETRO CRCKS & SPRDS ASIA	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	17,136	20,926	-18.1%	11,925	43.7%	101,275	150,334	-32.6%
PETRO CRK&SPRD EURO	561	393	42.7%	902	-37.8%	4,567	6,567	-30.5%
PETROLEUM PRODUCTS	320	1,806	-82.3%	85	276.5%	11,115	14,857	-25.2%
PETROLEUM PRODUCTS ASIA	140	190	-26.3%	330	-57.6%	2,809	6,351	-55.8%
PETRO OUTRIGHT EURO	5,713	7,633	-25.2%	6,651	-14.1%	48,675	74,795	-34.9%
PETRO OUTRIGHT NA	3,366	3,632	-7.3%	7,165	-53.0%	25,902	31,333	-17.3%
PJM AD HUB 5MW REAL TIME	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 NI HUB 5MW REAL TIME	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WESTH RT OFF-PEAK	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WESTH RT PEAK	0	0	0.0%	0	0.0%	0	0	0.0%
PLASTICS	627	571	9.8%	1,094	-42.7%	5,717	7,172	-20.3%
PREMIUM UNLD 10P FOB MED	0	0	0.0%	0	0.0%	15	60	-75.0%
PROPANE NON-LDH MB (OPIS) B	2,447	1,170	109.1%	1,120	118.5%	9,482	11,805	-19.7%
PROPANE NON-LDH MT. BEL (OF	24,905	12,103	105.8%	37,625	-33.8%	169,337	93,416	81.3%
RBOB CALENDAR SWAP	11,719	3,305	254.6%	5,263	122.7%	55,578	39,178	41.9%
RBOB CRACK SPREAD	685	330	107.6%	1,765	-61.2%	15,641	13,162	18.8%
RBOB CRACK SPREAD BALMO S	0	127	-100.0%	0	0.0%	100	127	-21.3%
RBOB GAS	12	24	-50.0%	0	0.0%	48	48	0.0%
RBOB GASOLINE BALMO CLNDR	531	794	-33.1%	1,359	-60.9%	7,579	11,180	-32.2%
RBOB PHY	3,749,000	2,964,382	26.5%	4,390,090	-14.6%	25,510,569	26,237,268	-2.8%
RBOB VS HEATING OIL SWAP	0	180	-100.0%	0	0.0%	30	555	-94.6%
SINGAPORE 180CST BALMO	0	0	-	3	-100.0%	16	0	-
SINGAPORE 380CST BALMO	0	0	0.0%	0	0.0%	0	1	-100.0%

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<b>Energy Futures</b>								
SINGAPORE 380CST FUEL OIL	80	11	627.3%	163	-50.9%	1,023	1,279	-20.0%
SINGAPORE FUEL 180CST CAL	0	0	-	0	0.0%	0	0	-
SINGAPORE FUEL OIL 180 CS	0	0	0.0%	0	0.0%	0	0	0.0%
SINGAPORE FUEL OIL SPREAD	0	0	0.0%	0	0.0%	24	30	-20.0%
SINGAPORE GASOIL	96	695	-86.2%	243	-60.5%	2,875	6,449	-55.4%
SINGAPORE GASOIL CALENDAR	140	23	508.7%	54	159.3%	416	1,151	-63.9%
SINGAPORE GASOIL SWAP	64	75	-14.7%	1,068	-94.0%	5,333	2,965	79.9%
SINGAPORE GASOIL VS ICE	0	0	0.0%	0	0.0%	21	3,936	-99.5%
SINGAPORE JET KERO GASOIL	0	0	0.0%	0	0.0%	0	3,653	-100.0%
SINGAPORE JET KEROSENE SW	0	0	0.0%	0	0.0%	0	405	-100.0%
SINGAPORE MOGAS 92 UNLEAD	0	0	0.0%	0	0.0%	100	810	-87.7%
SINGAPORE MOGAS 92 UNLEAD	252	0	0.0%	1,235	-79.6%	3,362	600	460.3%
TC2 ROTTERDAM TO USAC 37K	0	0	0.0%	0	0.0%	172	264	-34.8%
TC5 RAS TANURA TO YOKOHAM	0	0	0.0%	0	0.0%	0	195	-100.0%
TD3 MEG TO JAPAN 250K MT	0	0	0.0%	0	0.0%	0	6,185	-100.0%
TEXAS EASTERN ZONE M-3 BA	0	0	0.0%	0	-	0	0	0.0%
UK NBP NAT GAS CAL MTH FUT	0	0	0.0%	0	-	0	0	0.0%
ULSD UP-DOWN BALMO SWP	4,740	3,174	49.3%	6,265	-24.3%	47,080	47,429	-0.7%
UP DOWN GC ULSD VS NMX HO	31,672	14,191	123.2%	31,230	1.4%	209,132	204,859	2.1%
WTI-BRENT CALENDAR SWAP	48,966	38,293	27.9%	53,237	-8.0%	345,683	395,501	-12.6%
WTI CALENDAR	61,398	31,385	95.6%	57,407	7.0%	429,427	447,388	-4.0%
WTI MIDLAND CRUDE OIL	0	0	0.0%	1,000	-100.0%	1,900	0	0.0%
WTS (ARGUS) VS WTI SWAP	1,425	315	352.4%	6,150	-76.8%	18,325	18,862	-2.8%
WTS (ARGUS) VS WTI TRD MT	660	0	0.0%	0	0.0%	1,909	5,885	-67.6%

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**CMEG Exchange Volume Report - Monthly**

	VOLUME JUL 2023	VOLUME JUL 2022	% CHG	VOIUME JUN 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Energy Options</b>								
BRENT CALENDAR SWAP	546	0	0.0%	90	506.7%	1,614	3,086	-47.7%
BRENT CRUDE OIL 1 M CSO	0	0	0.0%	600	-100.0%	600	89,250	-99.3%
BRENT OIL LAST DAY	7,677	11,120	-31.0%	8,854	-13.3%	102,778	230,279	-55.4%
COAL API2 INDEX	0	0	0.0%	100	-100.0%	280	490	-42.9%
CRUDE OIL	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL 1MO	90,750	31,760	185.7%	44,975	101.8%	352,850	491,756	-28.2%
CRUDE OIL APO	27,002	20,794	29.9%	27,127	-0.5%	190,328	151,039	26.0%
CRUDE OIL CALNDR STRIP	0	0	0.0%	0	-	0	0	0.0%
CRUDE OIL OUTRIGHTS	4,025	0	-	2,636	52.7%	44,061	0	-
CRUDE OIL PHY	2,301,907	2,411,164	-4.5%	2,756,409	-16.5%	17,950,432	18,870,261	-4.9%
ELEC FINSETTLED	0	0	0.0%	0	0.0%	0	0	0.0%
ETHANOL SWAP	1,087	2,474	-56.1%	2,828	-61.6%	15,564	24,387	-36.2%
FREIGHT MARKETS	0	0	0.0%	0	0.0%	0	30	-100.0%
HEATING OIL CRK SPD AVG PRI	0	0	0.0%	0	0.0%	0	750	-100.0%
HEATING OIL PHY	5,110	7,290	-29.9%	4,661	9.6%	72,976	79,444	-8.1%
HENRY HUB FINANCIAL LAST	16,835	3,511	379.5%	25,688	-34.5%	114,393	36,972	209.4%
HO 1 MONTH CLNDR OPTIONS	9,600	1,300	638.5%	100	9,500.0%	21,650	4,625	368.1%
LLS CRUDE OIL	0	0	0.0%	0	0.0%	3,000	2,100	42.9%
MCCLOSKEY ARA ARGS COAL	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS	1,985	17	11,576.5%	540	267.6%	2,738	3,631	-24.6%
NATURAL GAS 1 M CSO FIN	111,900	85,900	30.3%	110,753	1.0%	588,857	678,642	-13.2%
NATURAL GAS 2 M CSO FIN	1,000	350	185.7%	0	0.0%	1,250	14,100	-91.1%
NATURAL GAS 3 M CSO FIN	21,810	45,100	-51.6%	100,950	-78.4%	540,050	261,100	106.8%
NATURAL GAS 5 M CSO FIN	0	0	0.0%	0	0.0%	8,650	46,250	-81.3%
NATURAL GAS 6 M CSO FIN	0	4,000	-100.0%	0	0.0%	65,250	80,900	-19.3%
NATURAL GAS OPT	0	150	-100.0%	0	0.0%	0	6,400	-100.0%
NATURAL GAS OPTION ON CALE	0	0	0.0%	0	0.0%	0	600	-100.0%
NATURAL GAS PHY	2,355,910	1,910,175	23.3%	2,905,774	-18.9%	18,390,697	15,670,849	17.4%
NATURAL GAS SUMMER STRIP	0	0	0.0%	0	-	0	0	0.0%
NY HARBOR HEAT OIL SWP	4,356	1,066	308.6%	5,553	-21.6%	25,255	13,932	81.3%
PETROCHEMICALS	6	0	0.0%	7	-14.3%	403	3,163	-87.3%
PETRO OUTRIGHT EURO	0	0	0.0%	0	-	0	0	0.0%
PETRO OUTRIGHT NA	0	0	0.0%	0	0.0%	90	375	-76.0%
PJM WES HUB PEAK CAL MTH	0	0	0.0%	0	0.0%	0	0	0.0%
PJM WES HUB PEAK LMP 50MW	0	0	0.0%	0	-	0	0	0.0%
RBOB 1MO CAL SPD OPTIONS	0	1,000	-100.0%	0	0.0%	0	2,550	-100.0%
RBOB CALENDAR SWAP	0	445	-100.0%	0	0.0%	0	3,397	-100.0%
RBOB PHY	4,265	3,118	36.8%	2,320	83.8%	23,594	26,451	-10.8%
SHORT TERM	0	0	0.0%	0	0.0%	850	2,050	-58.5%
SHORT TERM NATURAL GAS	450	750	-40.0%	0	0.0%	9,300	5,475	69.9%
WTI-BRENT BULLET SWAP	8,550	66,690	-87.2%	8,675	-1.4%	102,100	278,720	-63.4%
WTI CRUDE OIL 1 M CSO FI	28,475	24,300	17.2%	47,225	-39.7%	460,960	417,900	10.3%
<b>FX Futures</b>								
AD/CD CROSS RATES	0	21	-100.0%	13	-100.0%	167	442	-62.2%
AD/JY CROSS RATES	862	2,944	-70.7%	2,345	-63.2%	11,811	35,441	-66.7%
AD/NE CROSS RATES	5,143	1,944	164.6%	4,772	7.8%	24,668	28,982	-14.9%

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## CMEG Exchange Volume Report - Monthly

	VOLUME JUL 2023	VOLUME JUL 2022	% CHG	VOIUME JUN 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>FX Futures</b>								
AUSTRALIAN DOLLAR	1,805,466	1,983,681	-9.0%	2,473,482	-27.0%	13,752,327	14,340,503	-4.1%
BP/JY CROSS RATES	1,814	2,344	-22.6%	6,962	-73.9%	24,439	32,089	-23.8%
BP/SF CROSS RATES	2,214	936	136.5%	9,175	-75.9%	26,965	15,531	73.6%
BRAZIL REAL	270,386	239,413	12.9%	248,260	8.9%	1,903,181	2,326,514	-18.2%
BRITISH POUND	2,037,280	2,279,830	-10.6%	2,829,403	-28.0%	15,222,876	16,449,013	-7.5%
CANADIAN DOLLAR	1,288,529	1,883,484	-31.6%	2,016,477	-36.1%	11,791,302	12,567,580	-6.2%
CD/JY CROSS RATES	92	4	2,200.0%	236	-61.0%	338	604	-44.0%
CHILEAN PESO	0	0	0.0%	32	-100.0%	45	24	87.5%
CHINESE RENMINBI (CNH)	30,667	19,787	55.0%	40,678	-24.6%	186,277	179,050	4.0%
CZECK KORUNA (EC)	0	1	-100.0%	1	-100.0%	5	41	-87.8%
CZECK KORUNA (US)	5	0	0.0%	6	-16.7%	234	18	1,200.0%
EC/AD CROSS RATES	1,453	3,075	-52.7%	12,792	-88.6%	33,524	36,608	-8.4%
EC/CD CROSS RATES	3,247	7,080	-54.1%	11,546	-71.9%	41,883	59,965	-30.2%
EC/NOK CROSS RATES	2,998	1,762	70.1%	7,491	-60.0%	20,438	10,387	96.8%
EC/SEK CROSS RATES	1,215	8,108	-85.0%	12,911	-90.6%	34,281	21,143	62.1%
EFX/BP CROSS RATES	47,009	69,672	-32.5%	134,967	-65.2%	438,689	645,881	-32.1%
EFX/JY CROSS RATES	43,978	40,026	9.9%	95,952	-54.2%	349,218	424,247	-17.7%
EFX/SF CROSS RATES	14,311	23,740	-39.7%	42,400	-66.2%	167,514	308,966	-45.8%
E-MICRO USD/CAD	28	93	-69.9%	87	-67.8%	932	1,685	-44.7%
E-MICRO USD/CHF	70	42	66.7%	39	79.5%	1,148	611	87.9%
E-MICRO USD/JPY	7,062	43,924	-83.9%	2,470	185.9%	21,386	145,933	-85.3%
E-MINI EURO FX	97,581	170,072	-42.6%	112,298	-13.1%	878,841	975,945	-9.9%
E-MINI JAPANESE YEN	15,212	10,410	46.1%	15,820	-3.8%	86,191	65,527	31.5%
EURO FX	3,964,034	4,798,383	-17.4%	6,044,316	-34.4%	33,166,492	32,927,815	0.7%
HUNGARIAN FORINT (EC)	1	0	0.0%	7	-85.7%	21	32	-34.4%
HUNGARIAN FORINT (US)	6	1	500.0%	0	0.0%	82	36	127.8%
INDIAN RUPEE	21,025	32,669	-35.6%	25,251	-16.7%	198,807	154,765	28.5%
JAPANESE YEN	4,121,145	3,080,937	33.8%	4,459,385	-7.6%	25,372,630	20,623,932	23.0%
KOREAN WON	564	288	95.8%	346	63.0%	6,650	4,094	62.4%
MEXICAN PESO	922,557	1,049,332	-12.1%	1,447,176	-36.3%	8,596,534	7,934,844	8.3%
MICRO AUD/USD	276,487	214,442	28.9%	238,261	16.0%	1,889,216	1,836,182	2.9%
MICRO CAD/USD	45,095	56,198	-19.8%	47,465	-5.0%	380,698	408,439	-6.8%
MICRO CHF/USD	16,101	25,519	-36.9%	17,607	-8.6%	107,915	114,304	-5.6%
MICRO EUR/USD	578,208	922,829	-37.3%	528,839	9.3%	4,428,716	5,141,312	-13.9%
MICRO GBP/USD	63,479	111,230	-42.9%	71,914	-11.7%	479,739	675,131	-28.9%
MICRO INR/USD	296	513	-42.3%	304	-2.6%	3,270	5,397	-39.4%
MICRO JPY/USD	0	0	0.0%	0	0.0%	0	101,719	-100.0%
MICRO USD/CNH	0	0	0.0%	0	0.0%	0	2	-100.0%
NEW ZEALND DOLLAR	630,915	570,145	10.7%	697,418	-9.5%	4,436,845	4,203,485	5.6%
NKR/USD CROSS RATE	4,253	1,654	157.1%	7,981	-46.7%	34,921	22,497	55.2%
POLISH ZLOTY (EC)	31	13	138.5%	215	-85.6%	533	1,000	-46.7%
POLISH ZLOTY (US)	577	1,122	-48.6%	2,542	-77.3%	8,682	10,316	-15.8%
RMB USD	0	5	-100.0%	0	0.0%	5	15	-66.7%
RUSSIAN RUBLE	0	108	-100.0%	0	0.0%	0	587,209	-100.0%
S.AFRICAN RAND	99,099	101,988	-2.8%	170,490	-41.9%	611,375	693,115	-11.8%
SF/JY CROSS RATES	399	843	-52.7%	2,752	-85.5%	6,919	6,553	5.6%
SHEKEL	113	18	527.8%	94	20.2%	552	98	463.3%
SKR/USD CROSS RATES	4,328	4,053	6.8%	12,259	-64.7%	40,527	54,082	-25.1%
SWISS FRANC	424,194	550,054	-22.9%	547,477	-22.5%	3,145,550	3,693,756	-14.8%
TURKISH LIRA	0	34	-100.0%	143	-100.0%	291	305	-4.6%

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<b>FX Futures</b>								
USDZAR	0	0	0.0%	5	-100.0%	105	31	238.7%
<b>FX Options</b>								
AUD/USD MONDAY OPTION WEE	14	29	-51.7%	592	-97.6%	1,292	1,698	-23.9%
AUD/USD MONDAY OPTION WEE	225	38	492.1%	150	50.0%	2,761	3,091	-10.7%
AUD/USD MONDAY OPTION WEE	306	8	3,725.0%	11	2,681.8%	1,718	1,994	-13.8%
AUD/USD MONDAY OPTION WEE	314	488	-35.7%	292	7.5%	1,814	2,789	-35.0%
AUD/USD MONDAY OPTION WEE	175	0	0.0%	0	0.0%	490	779	-37.1%
AUD/USD MONTHLY OPTIONS	77,895	64,958	19.9%	93,949	-17.1%	448,302	641,211	-30.1%
AUD/USD THURSDAY WKLY OPT	851	0	-	5	16,920.0%	1,011	0	-
AUD/USD THURSDAY WKLY OPT	355	0	-	16	2,118.8%	638	0	-
AUD/USD THURSDAY WKLY OPT	19	0	-	48	-60.4%	1,171	0	-
AUD/USD THURSDAY WKLY OPT	51	0	-	6	750.0%	448	0	-
AUD/USD THURSDAY WKLY OPT	0	0	-	477	-100.0%	488	0	-
AUD/USD TUESDAY WKLY OPT	23	0	-	11	109.1%	235	0	-
AUD/USD TUESDAY WKLY OPT	635	0	-	6	10,483.3%	1,732	0	-
AUD/USD TUESDAY WKLY OPT	468	0	-	124	277.4%	1,038	0	-
AUD/USD TUESDAY WKLY OPT	227	0	-	3	7,466.7%	531	0	-
AUD/USD TUESDAY WKLY OPT	0	0	-	0	0.0%	205	0	-
AUD/USD WKLY FRIDAY OPTION	1	33	-97.0%	329	-99.7%	1,394	3,623	-61.5%
AUD/USD WKLY FRIDAY OPTION	1,643	646	154.3%	794	106.9%	10,694	12,122	-11.8%
AUD/USD WKLY FRIDAY OPTION	1,655	2,618	-36.8%	1,675	-1.2%	13,277	17,498	-24.1%
AUD/USD WKLY FRIDAY OPTION	1,981	1,417	39.8%	1,613	22.8%	13,235	12,520	5.7%
AUD/USD WKLY FRIDAY OPTION	0	1,952	-100.0%	709	-100.0%	2,686	4,521	-40.6%
AUD/USD WKLY WED OPTIONS -	338	35	865.7%	831	-59.3%	3,392	5,716	-40.7%
AUD/USD WKLY WED OPTIONS -	398	284	40.1%	38	947.4%	1,645	3,512	-53.2%
AUD/USD WKLY WED OPTIONS -	815	158	415.8%	285	186.0%	2,287	4,932	-53.6%
AUD/USD WKLY WED OPTIONS -	482	474	1.7%	149	223.5%	2,245	4,147	-45.9%
AUD/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%	522	259	101.5%
BRL/USD MONTHLY OPTIONS	0	286	-100.0%	0	0.0%	205	2,372	-91.4%
CAD/USD MONDAY OPTIONS WE	141	194	-27.3%	2,021	-93.0%	6,102	1,288	373.8%
CAD/USD MONDAY OPTIONS WE	234	715	-67.3%	376	-37.8%	8,585	8,490	1.1%
CAD/USD MONDAY OPTIONS WE	442	1,198	-63.1%	0	0.0%	5,372	6,017	-10.7%
CAD/USD MONDAY OPTIONS WE	55	318	-82.7%	140	-60.7%	4,701	5,303	-11.4%
CAD/USD MONDAY OPTIONS WE	91	0	0.0%	0	0.0%	338	1,256	-73.1%
CAD/USD MONTHLY OPTIONS	27,025	78,856	-65.7%	62,664	-56.9%	405,563	666,551	-39.2%
CAD/USD THURSDAY WKLY OPT	307	0	-	387	-20.7%	2,264	0	-
CAD/USD THURSDAY WKLY OPT	112	0	-	1,273	-91.2%	2,257	0	-
CAD/USD THURSDAY WKLY OPT	164	0	-	467	-64.9%	2,404	0	-
CAD/USD THURSDAY WKLY OPT	7	0	-	1,755	-99.6%	3,529	0	-
CAD/USD THURSDAY WKLY OPT	0	0	-	386	-100.0%	1,972	0	-
CAD/USD TUESDAY WKLY OPT	183	0	-	908	-79.8%	2,811	0	-
CAD/USD TUESDAY WKLY OPT	492	0	-	864	-43.1%	4,960	0	-
CAD/USD TUESDAY WKLY OPT	40	0	-	690	-94.2%	2,757	0	-
CAD/USD TUESDAY WKLY OPT	460	0	-	236	94.9%	1,304	0	-
CAD/USD TUESDAY WKLY OPT	0	0	-	0	0.0%	808	0	-
CAD/USD WKLY FRIDAY OPTION	65	14	364.3%	2,806	-97.7%	5,864	8,278	-29.2%
CAD/USD WKLY FRIDAY OPTION	2,920	1,971	48.1%	644	353.4%	16,586	25,423	-34.8%

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<b>FX Options</b>								
CAD/USD WKLY FRIDAY OPTION	1,151	7,617	-84.9%	2,556	-55.0%	17,153	42,132	-59.3%
CAD/USD WKLY FRIDAY OPTION	2,508	2,207	13.6%	3,181	-21.2%	22,589	35,576	-36.5%
CAD/USD WKLY FRIDAY OPTION	0	5,541	-100.0%	2,710	-100.0%	7,804	10,145	-23.1%
CAD/USD WKLY WED OPTIONS -	334	370	-9.7%	2,141	-84.4%	9,404	6,230	50.9%
CAD/USD WKLY WED OPTIONS -	620	1,990	-68.8%	2,230	-72.2%	8,157	8,587	-5.0%
CAD/USD WKLY WED OPTIONS -	140	887	-84.2%	589	-76.2%	6,012	10,147	-40.8%
CAD/USD WKLY WED OPTIONS -	1,244	1,191	4.5%	384	224.0%	8,794	13,162	-33.2%
CAD/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%	2,131	4,112	-48.2%
CHF/USD MONTHLY OPTIONS	5,011	4,228	18.5%	2,185	129.3%	61,260	37,549	63.1%
CHF/USD WKLY FRIDAY OPTION	0	2	-100.0%	2	-100.0%	135	575	-76.5%
CHF/USD WKLY FRIDAY OPTION	1,201	1	120,000.0%	2,619	-54.1%	5,443	835	551.9%
CHF/USD WKLY FRIDAY OPTION	1,066	393	171.2%	751	41.9%	4,789	859	457.5%
CHF/USD WKLY FRIDAY OPTION	5,323	47	11,225.5%	1,616	229.4%	12,307	997	1,134.4%
CHF/USD WKLY FRIDAY OPTION	0	68	-100.0%	2,714	-100.0%	3,057	82	3,628.0%
EUR/GBP MONTHLY OPTIONS	0	0	0.0%	0	0.0%	0	3,704	-100.0%
EUR/GBP WKLY FRIDAY OPTION	0	0	0.0%	0	-	0	0	0.0%
EUR/USD MONDAY OPTION WEE	158	1,184	-86.7%	2,634	-94.0%	13,375	11,438	16.9%
EUR/USD MONDAY OPTION WEE	775	855	-9.4%	865	-10.4%	12,018	19,564	-38.6%
EUR/USD MONDAY OPTION WEE	2,149	1,634	31.5%	1,519	41.5%	9,395	7,412	26.8%
EUR/USD MONDAY OPTION WEE	170	1,417	-88.0%	3,203	-94.7%	12,694	23,426	-45.8%
EUR/USD MONDAY OPTION WEE	1,106	0	0.0%	0	0.0%	2,061	2,856	-27.8%
EUR/USD MONTHLY OPTIONS	260,032	304,370	-14.6%	263,952	-1.5%	1,921,867	1,782,962	7.8%
EUR/USD THURSDAY WKLY OPT	861	0	-	1,271	-32.3%	6,215	0	-
EUR/USD THURSDAY WKLY OPT	285	0	-	157	81.5%	4,484	0	-
EUR/USD THURSDAY WKLY OPT	40	0	-	2,642	-98.5%	4,528	0	-
EUR/USD THURSDAY WKLY OPT	481	0	-	804	-40.2%	6,799	0	-
EUR/USD THURSDAY WKLY OPT	0	0	-	87	-100.0%	99	0	-
EUR/USD TUESDAY WKLY OPT	1,015	0	-	58	1,650.0%	1,709	0	-
EUR/USD TUESDAY WKLY OPT	458	0	-	4,336	-89.4%	5,352	0	-
EUR/USD TUESDAY WKLY OPT	677	0	-	1,286	-47.4%	5,585	0	-
EUR/USD TUESDAY WKLY OPT	421	0	-	126	234.1%	3,758	0	-
EUR/USD TUESDAY WKLY OPT	0	0	-	0	0.0%	1,419	0	-
EUR/USD WKLY FRIDAY OPTION	51	321	-84.1%	564	-91.0%	13,583	39,361	-65.5%
EUR/USD WKLY FRIDAY OPTION	22,596	4,620	389.1%	6,913	226.9%	122,660	109,575	11.9%
EUR/USD WKLY FRIDAY OPTION	44,030	13,419	228.1%	23,603	86.5%	162,995	115,096	41.6%
EUR/USD WKLY FRIDAY OPTION	12,809	15,679	-18.3%	17,489	-26.8%	188,364	142,183	32.5%
EUR/USD WKLY FRIDAY OPTION	0	22,562	-100.0%	10,706	-100.0%	19,227	43,596	-55.9%
EUR/USD WKLY WED OPTIONS -	4,976	6,755	-26.3%	5,284	-5.8%	31,598	42,798	-26.2%
EUR/USD WKLY WED OPTIONS -	3,633	7,579	-52.1%	3,763	-3.5%	39,367	36,262	8.6%
EUR/USD WKLY WED OPTIONS -	2,651	4,632	-42.8%	4,359	-39.2%	32,263	38,245	-15.6%
EUR/USD WKLY WED OPTIONS -	2,805	7,215	-61.1%	4,738	-40.8%	30,436	44,258	-31.2%
EUR/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%	10,434	13,298	-21.5%
EVENT CONTRACT EUR/USD	6,356	0	-	11,588	-45.2%	37,060	0	-
GBP/USD MONDAY OPTION WEE	21	1,141	-98.2%	381	-94.5%	4,357	4,136	5.3%
GBP/USD MONDAY OPTION WEE	717	620	15.6%	1,009	-28.9%	7,903	7,323	7.9%
GBP/USD MONDAY OPTION WEE	80	82	-2.4%	138	-42.0%	2,451	2,082	17.7%
GBP/USD MONDAY OPTION WEE	173	848	-79.6%	335	-48.4%	3,238	3,881	-16.6%
GBP/USD MONDAY OPTION WEE	191	0	0.0%	0	0.0%	591	361	63.7%
GBP/USD MONTHLY OPTIONS	58,164	79,390	-26.7%	72,628	-19.9%	455,587	534,637	-14.8%
GBP/USD THURSDAY WKLY OPT	159	0	-	90	76.7%	1,467	0	-

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## CMEG Exchange Volume Report - Monthly

	VOLUME JUL 2023	VOLUME JUL 2022	% CHG	VOIUME JUN 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>FX Options</b>								
GBP/USD THURSDAY WKLY OPT	860	0	-	61	1,309.8%	1,576	0	-
GBP/USD THURSDAY WKLY OPT	289	0	-	257	12.5%	2,072	0	-
GBP/USD THURSDAY WKLY OPT	108	0	-	211	-48.8%	866	0	-
GBP/USD THURSDAY WKLY OPT	0	0	-	230	-100.0%	291	0	-
GBP/USD TUESDAY WKLY OPT	30	0	-	67	-55.2%	974	0	-
GBP/USD TUESDAY WKLY OPT	293	0	-	443	-33.9%	2,533	0	-
GBP/USD TUESDAY WKLY OPT	86	0	-	335	-74.3%	1,677	0	-
GBP/USD TUESDAY WKLY OPT	132	0	-	409	-67.7%	1,416	0	-
GBP/USD TUESDAY WKLY OPT	0	0	-	0	0.0%	341	0	-
GBP/USD WKLY FRIDAY OPTION	0	15	-100.0%	273	-100.0%	2,682	5,432	-50.6%
GBP/USD WKLY FRIDAY OPTION	3,623	2,055	76.3%	2,084	73.8%	22,302	16,851	32.3%
GBP/USD WKLY FRIDAY OPTION	3,755	2,615	43.6%	2,054	82.8%	28,644	24,540	16.7%
GBP/USD WKLY FRIDAY OPTION	2,699	1,279	111.0%	3,319	-18.7%	15,615	19,171	-18.5%
GBP/USD WKLY FRIDAY OPTION	0	1,458	-100.0%	879	-100.0%	4,312	7,474	-42.3%
GBP/USD WKLY WED OPTIONS -	1,324	1,389	-4.7%	416	218.3%	5,303	9,206	-42.4%
GBP/USD WKLY WED OPTIONS -	857	483	77.4%	801	7.0%	7,859	3,510	123.9%
GBP/USD WKLY WED OPTIONS -	2,099	244	760.2%	2,147	-2.2%	8,795	7,693	14.3%
GBP/USD WKLY WED OPTIONS -	351	1,881	-81.3%	665	-47.2%	5,063	8,691	-41.7%
GBP/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%	665	481	38.3%
JPY/USD MONDAY OPTION WEE	348	767	-54.6%	733	-52.5%	4,801	2,897	65.7%
JPY/USD MONDAY OPTION WEE	505	688	-26.6%	647	-21.9%	11,662	6,480	80.0%
JPY/USD MONDAY OPTION WEE	104	352	-70.5%	45	131.1%	2,084	2,000	4.2%
JPY/USD MONDAY OPTION WEE	155	1,005	-84.6%	255	-39.2%	5,829	7,141	-18.4%
JPY/USD MONDAY OPTION WEE	2,830	0	0.0%	0	0.0%	3,877	51	7,502.0%
JPY/USD MONTHLY OPTIONS	142,427	144,964	-1.8%	68,841	106.9%	710,984	1,125,774	-36.8%
JPY/USD THURSDAY WKLY OPT	1,502	0	-	51	2,845.1%	1,644	0	-
JPY/USD THURSDAY WKLY OPT	606	0	-	19	3,089.5%	716	0	-
JPY/USD THURSDAY WKLY OPT	12	0	-	86	-86.0%	235	0	-
JPY/USD THURSDAY WKLY OPT	10	0	-	40	-75.0%	149	0	-
JPY/USD THURSDAY WKLY OPT	0	0	-	96	-100.0%	253	0	-
JPY/USD TUESDAY WKLY OPT W	19	0	-	21	-9.5%	110	0	-
JPY/USD TUESDAY WKLY OPT W	38	0	-	1,024	-96.3%	3,367	0	-
JPY/USD TUESDAY WKLY OPT W	159	0	-	1,856	-91.4%	2,127	0	-
JPY/USD TUESDAY WKLY OPT W	529	0	-	51	937.3%	1,513	0	-
JPY/USD TUESDAY WKLY OPT W	0	0	-	0	0.0%	37	0	-
JPY/USD WKLY FRIDAY OPTION	2	16	-87.5%	247	-99.2%	3,234	24,966	-87.0%
JPY/USD WKLY FRIDAY OPTION	9,491	3,119	204.3%	3,788	150.6%	47,844	58,873	-18.7%
JPY/USD WKLY FRIDAY OPTION	4,573	11,416	-59.9%	6,592	-30.6%	53,585	83,717	-36.0%
JPY/USD WKLY FRIDAY OPTION	15,032	13,394	12.2%	4,883	207.8%	50,354	77,892	-35.4%
JPY/USD WKLY FRIDAY OPTION	0	12,491	-100.0%	4,966	-100.0%	9,610	29,195	-67.1%
JPY/USD WKLY WED OPTIONS -	6,956	4,094	69.9%	1,655	320.3%	22,411	23,573	-4.9%
JPY/USD WKLY WED OPTIONS -	4,140	4,191	-1.2%	2,163	91.4%	19,530	21,913	-10.9%
JPY/USD WKLY WED OPTIONS -	3,756	3,766	-0.3%	2,227	68.7%	23,904	18,654	28.1%
JPY/USD WKLY WED OPTIONS -	2,218	7,037	-68.5%	1,872	18.5%	16,817	29,129	-42.3%
JPY/USD WKLY WED OPTIONS -	0	0	0.0%	0	0.0%	3,102	7,555	-58.9%
MXN/USD MONTHLY OPTIONS	1,561	89	1,653.9%	290	438.3%	3,305	7,425	-55.5%
MXN/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%	0	17	-100.0%
MXN/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%	0	0	0.0%
MXN/USD WKLY FRIDAY OPTION	0	0	0.0%	0	-	0	0	0.0%
NZD/USD MONTHLY OPTIONS	77	3	2,466.7%	567	-86.4%	74,749	7,156	944.6%

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## CMEG Exchange Volume Report - Monthly

	VOLUME JUL 2023	VOLUME JUL 2022	% CHG	VOIUME JUN 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>FX Options</b>								
NZD/USD WKLY FRIDAY OPTION	0	0	-	0	0.0%	2	0	-
NZD/USD WKLY FRIDAY OPTION	0	0	0.0%	0	-	0	0	0.0%
RUB/USD MONTHLY OPTIONS	0	0	0.0%	0	-	0	0	0.0%
USD/CNH MONTHLY OPTIONS	0	0	-	750	-100.0%	801	0	-
USD/CNH WEEKLY FRIDAY OPTI	0	0	-	0	0.0%	34	0	-
ZAR/USD MONTHLY OPTIONS	0	0	-	0	0.0%	730	0	-

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**CMEG Exchange Volume Report - Monthly**

	VOLUME JUL 2023	VOLUME JUL 2022	% CHG	VOIUME JUN 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Ag Products Futures</b>								
BLOCK CHEESE	730	432	69.0%	394	85.3%	2,921	2,636	10.8%
BUTTER CS	3,268	4,028	-18.9%	4,433	-26.3%	25,545	31,700	-19.4%
CASH-SETTLED CHEESE	14,138	10,547	34.0%	17,475	-19.1%	98,037	72,444	35.3%
CAT ASIA WEATHER	0	0	0.0%	0	-	0	0	0.0%
CATTLE	1,545,969	1,146,384	34.9%	1,457,953	6.0%	9,774,889	8,625,514	13.3%
CAT WEATHER EUROPEAN	0	0	0.0%	0	-	0	0	0.0%
CDD SEASONAL STRIP	0	0	0.0%	100	-100.0%	4,050	7,300	-44.5%
CDD WEATHER	2,500	1,500	66.7%	7,100	-64.8%	13,900	23,650	-41.2%
CHI WHEAT	2,789,157	1,811,106	54.0%	3,689,250	-24.4%	18,496,923	16,025,920	15.4%
CLASS IV MILK	1,419	4,335	-67.3%	2,099	-32.4%	8,469	19,899	-57.4%
COFFEE	0	0	0.0%	0	-	0	0	0.0%
CORN	6,916,500	5,943,242	16.4%	10,968,567	-36.9%	52,990,659	49,773,545	6.5%
DJ_UBS ROLL SELECT INDEX FU	802	3,528	-77.3%	26,112	-96.9%	55,173	55,698	-0.9%
DOW-UBS COMMOD INDEX	7,264	38,750	-81.3%	121,302	-94.0%	368,790	433,069	-14.8%
DOW-UBS COMMOD INDEX SWA	0	100	-100.0%	107,730	-100.0%	215,460	100	215,360.0%
DRY WHEY	811	865	-6.2%	821	-1.2%	7,920	7,613	4.0%
FEEDER CATTLE	361,019	296,538	21.7%	347,011	4.0%	2,432,079	1,861,080	30.7%
FERTILIZER PRODUCTS	2,910	2,190	32.9%	1,695	71.7%	14,231	19,300	-26.3%
GOLDMAN SACHS	1,687	3,955	-57.3%	1,701	-0.8%	14,797	27,150	-45.5%
GSCI EXCESS RETURN FUT	730	10,723	-93.2%	70,734	-99.0%	154,839	297,711	-48.0%
HDD EURO SEASONAL STRIP	0	1,250	-100.0%	0	0.0%	0	1,250	-100.0%
HDD SEASONAL STRIP	0	0	0.0%	0	0.0%	0	0	0.0%
HDD WEATHER	0	0	0.0%	0	0.0%	2,000	8,000	-75.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0.0%	7,500	3,875	93.5%
HOGS	1,142,165	971,589	17.6%	1,293,239	-11.7%	7,871,725	6,830,476	15.2%
HOUSING INDEX	18	7	157.1%	6	200.0%	106	118	-10.2%
KC WHEAT	1,026,510	761,919	34.7%	1,144,037	-10.3%	7,489,612	6,646,988	12.7%
LUMBER	15,458	6,395	141.7%	19,574	-21.0%	98,319	55,380	77.5%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0.0%	0	0	0.0%
MILK	42,426	28,648	48.1%	39,402	7.7%	223,935	211,464	5.9%
MINI CORN	53,328	48,795	9.3%	59,526	-10.4%	247,834	424,176	-41.6%
MINI SOYBEAN	65,263	57,013	14.5%	56,379	15.8%	301,866	430,183	-29.8%
MINI WHEAT	54,171	22,435	141.5%	38,264	41.6%	210,310	191,702	9.7%
MLK MID OPTIONS	0	0	0.0%	0	0.0%	0	0	0.0%
NFD MILK	4,068	5,012	-18.8%	4,662	-12.7%	35,581	42,947	-17.2%
OATS	13,679	5,102	168.1%	19,637	-30.3%	95,568	62,221	53.6%
OTC SP GSCI ER SWAP	17,981	0	-	0	0.0%	94,879	0	-
PACIFIC RIM DAT SS WTHR	0	0	0.0%	0	0.0%	0	0	0.0%
PORK CUTOUT	1,688	1,761	-4.1%	1,875	-10.0%	10,747	17,216	-37.6%
ROUGH RICE	12,873	10,655	20.8%	21,099	-39.0%	124,778	128,857	-3.2%
SOYBEAN	4,534,338	3,395,534	33.5%	6,881,232	-34.1%	36,342,826	30,302,058	19.9%
SOYBEAN MEAL	2,778,924	2,179,748	27.5%	3,973,526	-30.1%	20,300,832	15,514,498	30.9%
SOYBEAN OIL	3,076,923	2,343,022	31.3%	4,279,460	-28.1%	21,854,980	16,085,166	35.9%
S&P GSCI ENHANCED ER SWAP	0	0	0.0%	0	0.0%	0	0	0.0%
USD CRUDE PALM OIL	21,102	22,337	-5.5%	26,584	-20.6%	194,300	159,815	21.6%
WHEAT	1,025	0	0.0%	310	230.6%	6,555	55,914	-88.3%

**Ag Products Options**

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<b>Ag Products Options</b>								
AUG-DEC SOYBEAN MEAL CSO	500	0	-	1,250	-60.0%	1,950	0	-
AUG-NOV SOYBEAN CAL SPRD	350	212	65.1%	1,060	-67.0%	1,410	212	565.1%
BLOCK CHEESE	438	86	409.3%	572	-23.4%	1,990	2,457	-19.0%
BUTTER CS	3,131	1,443	117.0%	2,360	32.7%	15,689	10,633	47.6%
CASH-SETTLED CHEESE	9,298	6,820	36.3%	11,583	-19.7%	54,605	53,193	2.7%
CATTLE	315,361	166,474	89.4%	432,655	-27.1%	2,091,213	1,483,741	40.9%
CDD SEASONAL STRIP	0	0	0.0%	17,500	-100.0%	82,200	20,500	301.0%
CDD WEATHER	500	0	0.0%	23,000	-97.8%	86,000	1,100	7,718.2%
CHI WHEAT	766,475	646,664	18.5%	784,231	-2.3%	4,764,634	4,404,445	8.2%
CLASS IV MILK	13,122	6,211	111.3%	5,379	143.9%	49,837	44,791	11.3%
CORN	4,639,656	3,362,056	38.0%	5,627,381	-17.6%	21,166,200	20,446,278	3.5%
CORN NEARBY+2 CAL SPRD	10,862	14,652	-25.9%	45,607	-76.2%	247,787	170,328	45.5%
DEC-DEC CORN CAL SPRD	426	0	0.0%	4,139	-89.7%	5,664	0	0.0%
DEC-JULY CORN CAL SPRD	800	725	10.3%	6,917	-88.4%	12,942	7,832	65.2%
DEC-JULY WHEAT CAL SPRD	0	0	-	0	0.0%	350	0	-
DRY WHEY	0	392	-100.0%	0	0.0%	73	3,045	-97.6%
FEEDER CATTLE	50,508	37,123	36.1%	60,392	-16.4%	397,285	244,323	62.6%
HDD EURO SEASONAL STRIP	1,000	2,500	-60.0%	22,000	-95.5%	23,000	2,500	820.0%
HDD SEASONAL STRIP	14,500	0	0.0%	15,000	-3.3%	29,500	0	0.0%
HDD WEATHER	0	0	0.0%	0	0.0%	29,700	4,800	518.8%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0.0%	20,000	1,000	1,900.0%
HOGS	341,472	213,890	59.6%	396,030	-13.8%	2,126,715	1,599,216	33.0%
Intercommodity Spread	0	0	0.0%	0	-	0	0	0.0%
JAN-MAY SOYBEAN CAL SPRD	0	0	-	0	0.0%	0	0	-
JULY-DEC CORN CAL SPRD	774	6,675	-88.4%	15,968	-95.2%	93,734	63,295	48.1%
JULY-DEC SOYMEAL CAL SPRD	0	0	0.0%	245	-100.0%	2,270	845	168.6%
JULY-DEC SOY OIL CAL SPRD	0	0	0.0%	500	-100.0%	2,560	0	0.0%
JULY-DEC WHEAT CAL SPRD	0	0	0.0%	0	0.0%	0	3,700	-100.0%
JULY-JULY WHEAT CAL SPRD	0	0	0.0%	0	0.0%	10	2	400.0%
JULY-NOV SOYBEAN CAL SPRD	0	0	0.0%	10,176	-100.0%	73,537	42,628	72.5%
KC WHEAT	63,174	64,741	-2.4%	86,473	-26.9%	558,762	561,152	-0.4%
LUMBER	280	291	-3.8%	366	-23.5%	1,738	3,154	-44.9%
LV CATL CSO	0	0	-	0	0.0%	60	0	-
MAR-DEC CORN CAL SPRD	0	0	0.0%	0	-	0	0	0.0%
MAR-JULY CORN CAL SPRD	700	0	0.0%	2,350	-70.2%	12,681	9,575	32.4%
MAR-JULY SOYBEAN CAL SPRD	0	0	0.0%	0	0.0%	30	0	0.0%
MAR-JULY WHEAT CAL SPRD	0	0	0.0%	0	0.0%	0	150	-100.0%
MILK	27,101	39,539	-31.5%	35,598	-23.9%	176,842	153,198	15.4%
MLK MID OPTIONS	4	0	0.0%	0	0.0%	19	45	-57.8%
NFD MILK	3,618	3,618	0.0%	5,605	-35.5%	30,925	30,659	0.9%
NOV-JULY SOYBEAN CAL SPRD	0	0	0.0%	0	0.0%	200	600	-66.7%
NOV-MAR SOYBEAN CSO	0	0	0.0%	0	0.0%	15	0	0.0%
OATS	335	142	135.9%	321	4.4%	1,178	1,595	-26.1%
PORK CUTOOUT	4	0	0.0%	0	0.0%	11	35	-68.6%
ROUGH RICE	2,247	1,777	26.4%	3,377	-33.5%	18,106	10,654	69.9%
SEP-DEC SOYBEAN MEAL CSO	1,050	0	-	0	0.0%	1,050	0	-
SOYBEAN	1,774,437	1,598,039	11.0%	2,287,402	-22.4%	10,927,264	11,761,614	-7.1%
SOYBEAN CRUSH	0	0	0.0%	0	0.0%	5	151	-96.7%
SOYBEAN MEAL	351,863	228,185	54.2%	434,772	-19.1%	2,642,452	1,685,000	56.8%
SOYBEAN OIL	526,383	298,246	76.5%	707,014	-25.5%	2,709,276	1,787,956	51.5%

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**CMEG Exchange Volume Report - Monthly**

	VOLUME JUL 2023	VOLUME JUL 2022	% CHG	VOIUME JUN 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
<b>Ag Products Options</b>								
SOYBN NEARBY+2 CAL SPRD	13,503	10	134,930.0%	26,566	-49.2%	57,591	19,573	194.2%
SOYMEAL NEARBY+2 CAL SPRD	0	0	0.0%	0	0.0%	2,230	1,100	102.7%
SOY OIL NEARBY+2 CAL SPRD	0	0	-	0	0.0%	175	0	-
WHEAT	1,216	6	20,166.7%	999	21.7%	14,153	1,221	1,059.1%
WHEAT-CORN ICSCO	0	2,100	-100.0%	20	-100.0%	225	6,820	-96.7%
WHEAT NEARBY+2 CAL SPRD	510	845	-39.6%	107	376.6%	4,202	30,474	-86.2%
<b>TOTAL FUTURES GROUP</b>								
Interest Rate Futures	143,981,340	143,374,102	0.4%	167,367,099	-14.0%	1,340,339,342	1,283,960,720	4.4%
Equity Index Futures	84,346,917	112,987,764	-25.3%	116,335,138	-27.5%	762,209,133	937,362,410	-18.7%
Metals Futures	10,231,716	9,825,532	4.1%	10,672,162	-4.1%	78,293,768	68,623,477	14.1%
Energy Futures	34,310,651	33,794,644	1.5%	40,164,362	-14.6%	259,556,285	276,559,077	-6.1%
FX Futures	16,849,529	18,314,771	-8.0%	22,402,862	-24.8%	127,935,755	127,873,196	0.0%
Ag Products Futures	24,510,844	19,139,445	28.1%	34,683,289	-29.3%	180,192,935	154,456,633	16.7%
<b>TOTAL FUTURES</b>	<b>314,230,997</b>	<b>337,436,258</b>	<b>-6.9%</b>	<b>391,624,912</b>	<b>-19.8%</b>	<b>2,748,527,218</b>	<b>2,848,835,513</b>	<b>-3.5%</b>
<b>TOTAL OPTIONS GROUP</b>								
Equity Index Options	24,195,920	20,101,000	20.4%	28,311,747	-14.5%	184,107,858	168,428,604	9.3%
Interest Rate Options	44,267,224	37,541,163	17.9%	51,087,300	-13.3%	445,184,184	330,072,701	34.9%
Metals Options	1,285,681	1,230,906	4.4%	1,314,382	-2.2%	11,501,827	9,198,927	25.0%
Energy Options	5,003,246	4,632,474	8.0%	6,055,865	-17.4%	39,090,570	37,500,954	4.2%
FX Options	781,803	874,366	-10.6%	766,352	2.0%	5,529,993	6,282,289	-12.0%
Ag Products Options	8,935,598	6,703,462	33.3%	11,074,915	-19.3%	48,540,045	44,675,590	8.7%
<b>TOTAL OPTIONS</b>	<b>84,469,472</b>	<b>71,083,371</b>	<b>18.8%</b>	<b>98,610,561</b>	<b>-14.3%</b>	<b>733,954,477</b>	<b>596,159,065</b>	<b>23.1%</b>
<b>TOTAL COMBINED</b>								
Interest Rate	188,248,564	180,915,265	4.1%	218,454,399	-13.8%	1,785,523,526	1,614,033,421	10.6%
Equity Index	108,542,837	133,088,764	-18.4%	144,646,885	-25.0%	946,316,991	1,105,791,014	-14.4%
Metals	11,517,397	11,056,438	4.2%	11,986,544	-3.9%	89,795,595	77,822,404	15.4%
Energy	39,313,897	38,427,118	2.3%	46,220,227	-14.9%	298,646,855	314,060,031	-4.9%
FX	17,631,332	19,189,137	-8.1%	23,169,214	-23.9%	133,465,748	134,155,485	-0.5%
Ag Products	33,446,442	25,842,907	29.4%	45,758,204	-26.9%	228,732,980	199,132,223	14.9%
<b>GRAND TOTAL</b>	<b>398,700,469</b>	<b>408,519,629</b>	<b>-2.4%</b>	<b>490,235,473</b>	<b>-18.7%</b>	<b>3,482,481,695</b>	<b>3,444,994,578</b>	<b>1.1%</b>

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