

## CMEG Exchange Volume Report - Monthly

	VOLUME NOV 2022	VOLUME NOV 2021	% CHG	VOLUME OCT 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
<b>Interest Rate Futures</b>								
10-YR Eris LIBOR	4,648	3,757	23.7%	3,271	42.1%	159,054	132,015	20.5%
10-YR Eris SOFR	1,812	0	0.0%	1,540	17.7%	10,881	280	3,786.1%
10-YR MAC LIBOR	5,047	36,364	-86.1%	5,087	-0.8%	283,227	1,273,140	-77.8%
10-YR MAC SOFR	0	0	-	2	-100.0%	2	0	-
10-YR NOTE	45,668,728	49,461,657	-7.7%	34,806,207	31.2%	436,643,933	443,302,794	-1.5%
10Y YIELD	52,114	92,910	-43.9%	113,109	-53.9%	1,081,547	683,027	58.3%
15-YR Eris LIBOR	0	0	0.0%	0	0.0%	1,500	0	0.0%
1-MONTH EURODOLLAR	4,012	0	0.0%	2,048	95.9%	77,847	2	3,892,250.0%
1-YR Eris BSBY	0	0	-	0	0.0%	1,600	0	-
1-YR Eris SOFR	1,450	29,130	-95.0%	731	98.4%	223,921	724,898	-69.1%
20-YR BOND	2,307	0	-	1,846	25.0%	37,708	0	-
20-YR SWAP RATE	0	0	0.0%	0	0.0%	0	0	0.0%
2-YR Eris LIBOR	4,643	31,534	-85.3%	20,201	-77.0%	783,546	243,875	221.3%
2-YR Eris SOFR	11,857	16,236	-27.0%	7,708	53.8%	131,044	56,268	132.9%
2-YR NOTE	18,542,830	16,042,179	15.6%	10,658,845	74.0%	161,544,803	108,477,489	48.9%
2Y YIELD	9,003	17,063	-47.2%	9,623	-6.4%	88,683	34,126	159.9%
30-Year UMBS TBA Futures - 2.5%	60	0	-	0	-	60	0	-
30-Year UMBS TBA Futures - 3.0%	129	0	-	0	-	129	0	-
30-Year UMBS TBA Futures - 3.5%	658	0	-	0	-	658	0	-
30-Year UMBS TBA Futures - 4.0%	288	0	-	0	-	288	0	-
30-Year UMBS TBA Futures - 4.5%	191	0	-	0	-	191	0	-
30-Year UMBS TBA Futures - 5.0%	415	0	-	0	-	415	0	-
30-YR BOND	9,508,425	12,053,679	-21.1%	6,958,973	36.6%	91,777,710	106,786,337	-14.1%
30-YR Eris LIBOR	0	0	0.0%	0	0.0%	636	1,291	-50.7%
30-YR SWAP RATE	0	0	0.0%	0	0.0%	4,304	18,563	-76.8%
30Y YIELD	4,223	6,727	-37.2%	11,210	-62.3%	105,934	22,740	365.8%
3-YR Eris BSBY	0	0	-	0	0.0%	4	0	-
3-YR Eris LIBOR	1,959	28,381	-93.1%	370	429.5%	218,969	233,789	-6.3%
3-YR Eris SOFR	26,633	4,262	524.9%	27,632	-3.6%	102,059	19,123	433.7%
3-YR NOTE	170,243	411,874	-58.7%	236,192	-27.9%	3,533,563	2,412,110	46.5%
4-YR Eris LIBOR	495	2,428	-79.6%	170	191.2%	62,940	32,670	92.7%
4-YR Eris SOFR	2,560	0	0.0%	3,319	-22.9%	17,594	5,950	195.7%
5-YR Eris LIBOR	12,193	34,396	-64.6%	11,317	7.7%	409,365	360,270	13.6%
5-YR Eris SOFR	3,344	151	2,114.6%	1,975	69.3%	34,583	4,876	609.2%
5-YR MAC LIBOR	24,534	52,404	-53.2%	53,810	-54.4%	384,500	602,551	-36.2%
5-YR NOTE	34,850,507	35,090,578	-0.7%	22,351,662	55.9%	310,078,970	265,661,897	16.7%
5Y YIELD	520	13,102	-96.0%	578	-10.0%	22,359	28,641	-21.9%
7-YR Eris LIBOR	1,785	1,255	42.2%	1,643	8.6%	44,050	29,502	49.3%
7-YR Eris SOFR	2,092	0	-	1,853	12.9%	10,964	0	-
BSBY 3-MONTH FUTURES	19,710	95,019	-79.3%	25,925	-24.0%	559,858	400,124	39.9%
ESTR Basis Spread Futures	1,639	0	-	41	3,897.6%	1,680	0	-
ESTR Futures	5,634	0	-	11	51,118.2%	5,645	0	-
EURODOLLARS	15,166,182	60,409,854	-74.9%	17,793,183	-14.8%	383,926,851	566,680,622	-32.2%
FED FUND	6,915,884	4,622,268	49.6%	6,523,875	6.0%	79,180,815	24,757,899	219.8%
SOFR	48,950,717	6,390,593	666.0%	41,596,810	17.7%	401,165,990	33,568,346	1,095.1%
SONIA	0	5,403	-100.0%	0	0.0%	1,293	803,512	-99.8%
TIIE	25	39	-35.9%	35	-28.6%	1,041	838	24.2%
Ultra 10-Year Note	10,295,863	11,965,952	-14.0%	7,007,493	46.9%	89,741,963	88,417,979	1.5%
ULTRA T-BOND	7,962,058	7,411,658	7.4%	3,794,838	109.8%	56,378,880	54,582,289	3.3%

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<b>Interest Rate Options</b>								
10-YR NOTE	13,257,946	14,985,989	-11.5%	13,951,541	-5.0%	151,587,913	148,900,542	1.8%
2-YR NOTE	146,633	51,168	186.6%	223,044	-34.3%	986,281	187,439	426.2%
30-YR BOND	1,985,084	3,376,928	-41.2%	2,399,931	-17.3%	26,917,370	30,331,858	-11.3%
5-YR NOTE	4,109,226	4,867,392	-15.6%	4,886,026	-15.9%	57,234,567	36,589,531	56.4%
EURODOLLARS	9,711,071	10,402,163	-6.6%	11,315,570	-14.2%	135,401,251	54,247,580	149.6%
EURO MIDCURVE	749,264	19,749,050	-96.2%	1,100,836	-31.9%	65,406,362	191,865,283	-65.9%
FED FUND	0	0	0.0%	4,000	-100.0%	4,045	0	0.0%
SOFR	16,026,490	0	0.0%	15,443,918	3.8%	73,081,198	8,652	844,574.0%
SOFR MIDCURVE	4,197,924	15	27,986,060.0%	3,460,712	21.3%	19,733,356	100	19,733,256.0%
Ultra 10-Year Note	25	0	0.0%	75	-66.7%	851	46	1,750.0%
ULTRA T-BOND	1,151	583	97.4%	1,693	-32.0%	24,599	7,359	234.3%
<b>Equity Index Futures</b>								
BITCOIN	293,346	203,669	44.0%	279,413	5.0%	2,538,163	2,355,543	7.8%
DJ US REAL ESTATE SECTOR	37,663	27,009	39.4%	54,102	-30.4%	815,274	609,749	33.7%
E-mini (\$5) Dow	4,221,534	3,527,107	19.7%	4,207,319	0.3%	47,157,924	40,182,107	17.4%
E-mini FTSE China 50	231	94	145.7%	116	99.1%	7,353	759	868.8%
E-MINI MIDCAP	264,797	285,053	-7.1%	293,057	-9.6%	3,632,564	2,897,427	25.4%
E-MINI NASDAQ 100	13,225,865	11,829,145	11.8%	16,051,781	-17.6%	162,948,043	126,137,964	29.2%
E-MINI RUSSELL 1000	1,365	6,749	-79.8%	10,227	-86.7%	133,521	116,098	15.0%
E-MINI RUSSELL 1000 GROWTH	5,621	3,078	82.6%	7,858	-28.5%	93,405	52,943	76.4%
E-MINI RUSSELL 1000 VALUE	5,644	14,769	-61.8%	3,911	44.3%	238,665	311,866	-23.5%
E-MINI RUSSELL 2000	4,054,962	4,357,838	-7.0%	5,231,508	-22.5%	55,535,801	45,793,192	21.3%
E-MINI S&P500	36,343,215	29,497,705	23.2%	48,151,616	-24.5%	461,711,130	359,041,102	28.6%
E-MINI S&P500 ESG	16,011	14,627	9.5%	28,360	-43.5%	336,023	211,716	58.7%
ETHER	0	0	-	0	0.0%	12	0	-
ETHER FUTURES	168,664	122,342	37.9%	132,139	27.6%	1,493,904	797,851	87.2%
FT-SE 100	4	26	-84.6%	145	-97.2%	1,528	1,379	10.8%
FTSE Emerging	0	0	0.0%	0	0.0%	0	5	-100.0%
IBOVESPA INDEX	44	266	-83.5%	52	-15.4%	625	2,499	-75.0%
MICRO BITCOIN	343,673	579,892	-40.7%	218,951	57.0%	3,565,337	3,308,180	7.8%
MICRO E-MINI NASDAQ 100	26,067,137	21,324,242	22.2%	31,704,461	-17.8%	341,925,355	214,500,635	59.4%
MICRO E-MINI RUSSELL 2000	2,240,312	3,738,620	-40.1%	2,931,274	-23.6%	31,094,856	35,076,511	-11.4%
MICRO E-MINI S&P500	27,185,751	18,104,077	50.2%	33,300,874	-18.4%	317,898,853	196,653,723	61.7%
MICRO ETHER	474,356	0	-	329,615	43.9%	4,725,382	0	-
MICRO MINI \$5 DOW	3,223,376	2,925,417	10.2%	3,671,649	-12.2%	42,024,400	29,998,564	40.1%
NASDAQ-100 VOLATILITY	36	14	157.1%	70	-48.6%	18,555	111	16,616.2%
NASDAQ BIOTECH SECTOR	63	53	18.9%	202	-68.8%	2,223	7,137	-68.9%
Nearby BTIC+	50	0	0.0%	750	-93.3%	7,588	456	1,564.0%
NIKKEI 225 (\$) STOCK	96,887	98,152	-1.3%	100,894	-4.0%	1,270,696	1,435,258	-11.5%
NIKKEI 225 (YEN) STOCK	589,078	654,782	-10.0%	759,153	-22.4%	8,528,327	7,379,153	15.6%
PHLX SEMICONDUCTOR SECTO	229	0	-	829	-72.4%	1,926	0	-
S&P 500	50,301	20,449	146.0%	40,753	23.4%	809,755	1,138,830	-28.9%
S&P 500 ANNUAL DIVIDEND IND	77,999	40,589	92.2%	92,242	-15.4%	914,443	664,354	37.6%
S&P 500/GI	0	0	0.0%	0	-	0	0	0.0%
S&P 500 QUARLY DIVIDEND IND	6,580	4,560	44.3%	4,439	48.2%	49,804	28,349	75.7%
S&P 600 SMALLCAP EMINI	0	0	0.0%	0	-	0	0	0.0%

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<b>Equity Index Futures</b>								
S&P BIOTECHNOLOGY SECTOR	1,023	0	-	1,047	-2.3%	9,277	0	-
S&P COMMUNICATION SERVICE	2,536	1,901	33.4%	3,172	-20.1%	44,373	41,189	7.7%
S&P CONSUMER DISCRETIONAR	4,704	13,471	-65.1%	8,433	-44.2%	141,814	133,462	6.3%
S&P CONSUMER STAPLES SECT	12,223	11,829	3.3%	19,906	-38.6%	300,353	377,475	-20.4%
S&P ENERGY SECTOR	29,375	39,709	-26.0%	42,286	-30.5%	720,444	549,759	31.0%
S&P FINANCIAL SECTOR	14,542	33,435	-56.5%	19,742	-26.3%	386,413	664,304	-41.8%
S&P HEALTH CARE SECTOR	8,247	15,511	-46.8%	11,009	-25.1%	279,951	268,869	4.1%
S&P INDUSTRIAL SECTOR	32,844	7,723	325.3%	19,411	69.2%	325,666	256,519	27.0%
S&P MATERIALS SECTOR	13,851	10,770	28.6%	9,293	49.0%	168,291	149,310	12.7%
S&P OIL & GAS EXPLORATION A	366	0	-	494	-25.9%	4,685	0	-
S&P REAL ESTATE SECTOR	1,845	2,323	-20.6%	4,150	-55.5%	70,142	92,373	-24.1%
S&P REGIONAL BANKS SECTOR	324	0	-	589	-45.0%	2,520	0	-
S&P RETAIL SECTOR	289	0	-	180	60.6%	3,128	0	-
S&P TECHNOLOGY SECTOR	10,596	11,300	-6.2%	29,464	-64.0%	280,836	167,216	67.9%
S&P UTILITIES SECTOR	21,732	20,409	6.5%	20,497	6.0%	384,846	344,287	11.8%
S&P VALUE INDEX FUTURES	0	0	0.0%	0	0.0%	0	2,480	-100.0%
WATER INDEX FUTURES	3	1	200.0%	0	0.0%	595	947	-37.2%
YEN DENOMINATED TOPIX	147	4,039	-96.4%	39	276.9%	19,952	27,333	-27.0%
<b>Equity Index Options</b>								
BITCOIN OPTIONS	6,088	1,634	272.6%	4,843	25.7%	34,722	15,662	121.7%
DJIA	3,480	0	-	3,079	13.0%	8,451	0	-
E-mini (\$5) Dow	3,318	6,781	-51.1%	2,616	26.8%	25,186	23,798	5.8%
E-MINI NASDAQ 100	934,424	643,663	45.2%	1,061,260	-12.0%	11,022,121	6,292,612	75.2%
E-mini Russell 2000	58,690	121,475	-51.7%	100,109	-41.4%	1,101,019	1,035,404	6.3%
E-MINI RUSSELL 2000	35,996	63,171	-43.0%	25,800	39.5%	351,790	340,694	3.3%
E-mini S&P 500	11,038,322	9,558,267	15.5%	14,312,910	-22.9%	130,414,778	83,831,923	55.6%
E-MINI S&P500	13,786,183	9,503,775	45.1%	15,001,880	-8.1%	133,625,714	72,322,127	84.8%
EOM S&P 500	0	0	0.0%	0	0.0%	0	20,000	-100.0%
ETHER OPTIONS	506	0	-	466	8.6%	1,075	0	-
MICRO BITCOIN	3,430	0	-	7,057	-51.4%	77,467	0	-
Micro E-mini Nasdaq-100	37,426	38,379	-2.5%	40,407	-7.4%	467,156	315,543	48.0%
MICRO E-MINI NASDAQ 100	10,134	11,191	-9.4%	6,684	51.6%	126,266	67,619	86.7%
Micro E-mini S&P 500	257,197	247,514	3.9%	221,386	16.2%	2,592,494	1,804,596	43.7%
MICRO ETHER	30,233	0	-	39,574	-23.6%	347,422	0	-
S&P 500	0	0	0.0%	0	0.0%	0	1,302,305	-100.0%

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<b>Metals Futures</b>								
ALUMINUM	60,336	36,032	67.5%	73,335	-17.7%	527,339	282,878	86.4%
COBALT METAL FUTURES	2,987	273	994.1%	2,709	10.3%	13,990	3,222	334.2%
COMEX COPPER	2,498,607	1,977,841	26.3%	1,821,218	37.2%	20,253,078	23,422,235	-13.5%
COMEX E-Mini GOLD	48,013	26,937	78.2%	45,577	5.3%	368,046	253,486	45.2%
COMEX E-Mini SILVER	4,568	5,279	-13.5%	4,378	4.3%	42,932	64,421	-33.4%
COMEX GOLD	5,419,185	6,130,590	-11.6%	3,998,867	35.5%	51,006,861	55,391,386	-7.9%
COMEX MINY COPPER	4,581	8,864	-48.3%	2,817	62.6%	39,534	55,837	-29.2%
COMEX SILVER	1,849,022	1,880,818	-1.7%	1,346,715	37.3%	15,952,951	18,661,387	-14.5%
COPPER	93,627	1,337	6,902.8%	73,144	28.0%	527,065	24,038	2,092.6%
FERROUS PRODUCTS	4,524	1,243	264.0%	2,729	65.8%	30,583	16,068	90.3%
GOLD	793	15,281	-94.8%	798	-0.6%	61,325	90,337	-32.1%
HOT ROLLED COIL STEEL FUTU	5,102	1,742	192.9%	6,027	-15.3%	40,767	12,695	221.1%
IRON ORE 62 CHINA TSI FUTURE	0	0	0.0%	0	-	0	0	0.0%
IRON ORE CHINA	752	1,630	-53.9%	880	-14.5%	14,165	11,016	28.6%
METALS	106	0	0.0%	69	53.6%	2,116	153	1,283.0%
MICRO GOLD	1,020,946	1,271,788	-19.7%	941,893	8.4%	11,701,858	13,194,542	-11.3%
NYMEX HOT ROLLED STEEL	18,556	17,776	4.4%	22,180	-16.3%	241,016	227,056	6.1%
NYMEX PLATINUM	433,587	364,392	19.0%	415,982	4.2%	4,635,183	4,005,434	15.7%
PALLADIUM	77,831	84,800	-8.2%	40,121	94.0%	528,118	567,209	-6.9%
SILVER	199,205	131,283	51.7%	173,016	15.1%	1,819,846	2,101,191	-13.4%
URANIUM	0	0	0.0%	0	0.0%	24	1,183	-98.0%
<b>Metals Options</b>								
ALUMINUM	482	0	0.0%	537	-10.2%	1,237	2,250	-45.0%
COMEX COPPER	126,171	45,922	174.8%	81,947	54.0%	966,469	713,861	35.4%
COMEX GOLD	805,616	850,608	-5.3%	827,913	-2.7%	9,274,793	7,855,215	18.1%
COMEX SILVER	180,787	118,369	52.7%	146,811	23.1%	1,316,351	1,678,421	-21.6%
COPPER	5,314	139	3,723.0%	4,392	21.0%	25,225	418	5,934.7%
GOLD	228,498	246,810	-7.4%	199,199	14.7%	2,375,835	1,894,479	25.4%
HOT ROLLED COIL STEEL CALL	0	0	0.0%	0	-	0	0	0.0%
HOT ROLLED COIL STEEL PUT O	0	0	0.0%	0	-	0	0	0.0%
IRON ORE 62 CHINA TSI CALL O	0	0	0.0%	0	-	0	0	0.0%
IRON ORE 62 CHINA TSI PUT OP	0	0	0.0%	0	-	0	0	0.0%
IRON ORE CHINA	0	0	0.0%	0	0.0%	300	6,198	-95.2%
NYMEX HOT ROLLED STEEL	2,025	830	144.0%	2,640	-23.3%	18,065	3,800	375.4%
NYMEX PLATINUM	2,982	2,855	4.4%	2,837	5.1%	51,484	33,270	54.7%
PALLADIUM	3	68	-95.6%	8	-62.5%	138	6,630	-97.9%
SILVER	47,697	18,939	151.8%	31,451	51.7%	249,201	140,879	76.9%
<b>Energy Futures</b>								
3.5% FUEL OIL CID MED SWA	0	0	0.0%	0	-	0	0	0.0%
AEP-DAYTON HUB DAILY	0	0	0.0%	0	0.0%	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	2,870	5,661	-49.3%	6,400	-55.2%	63,190	93,008	-32.1%
ARGUS PROPAN FAR EST INDE	9,075	5,703	59.1%	6,132	48.0%	66,316	67,501	-1.8%
ARGUS PROPAN(SAUDI ARAMC	3,027	1,901	59.2%	1,873	61.6%	22,410	20,144	11.2%
AUSTRIALIAN COKE COAL	0	0	0.0%	0	-	0	0	0.0%

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## CMEG Exchange Volume Report - Monthly

	VOLUME NOV 2022	VOLUME NOV 2021	% CHG	VOLUME OCT 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
<b>Energy Futures</b>								
BRENT BALMO SWAP	0	0	0.0%	0	0.0%	1,587	1,314	20.8%
BRENT CALENDAR SWAP	5,948	13,493	-55.9%	8,339	-28.7%	153,925	112,681	36.6%
BRENT FINANCIAL FUTURES	0	0	0.0%	0	0.0%	250	4,068	-93.9%
BRENT OIL LAST DAY	1,466,257	2,227,127	-34.2%	1,450,089	1.1%	16,216,849	22,473,372	-27.8%
CAR VINTAGE	18,262	13,405	36.2%	13,960	30.8%	169,343	41,125	311.8%
CHICAGO ETHANOL SWAP	55,334	77,780	-28.9%	58,545	-5.5%	653,012	812,487	-19.6%
CHICAGO ULSD PL VS HO SPR	440	25	1,660.0%	1,540	-71.4%	7,123	3,722	91.4%
CHICAGO UNL GAS PL VS RBO	0	75	-100.0%	0	0.0%	0	500	-100.0%
CIG BASIS	0	0	0.0%	0	-	0	0	0.0%
CIN HUB 5MW D AH PK	0	0	0.0%	0	-	0	0	0.0%
CIN HUB 5MW REAL TIME O P	0	0	0.0%	0	-	0	0	0.0%
CIN HUB 5MW REAL TIME PK	0	0	0.0%	0	-	0	0	0.0%
COLUMB GULF MAINLINE NG B	0	0	0.0%	0	-	0	0	0.0%
CONWAY NATURAL GASOLINE (	15	50	-70.0%	365	-95.9%	2,976	3,308	-10.0%
CONWAY NORMAL BUTANE (OPI	605	215	181.4%	330	83.3%	4,112	3,197	28.6%
CONWAY PROPANE 5 DECIMALS	19,902	14,895	33.6%	18,518	7.5%	180,860	163,489	10.6%
CRUDE OIL	0	0	0.0%	0	0.0%	1,000	3,732	-73.2%
CRUDE OIL LAST DAY	697	457	52.5%	390	78.7%	4,719	3,130	50.8%
CRUDE OIL OUTRIGHTS	90,993	98,194	-7.3%	66,921	36.0%	847,974	778,760	8.9%
CRUDE OIL PHY	18,649,620	24,998,126	-25.4%	16,518,193	12.9%	219,430,038	237,658,915	-7.7%
CRUDE OIL SPRDS	61,415	43,245	42.0%	43,374	41.6%	583,473	305,940	90.7%
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	-	0	0	0.0%
DATED TO FRONTLINE BRENT	0	0	0.0%	0	0.0%	2,220	2,715	-18.2%
DIESEL 10P BRG FOB RDM VS	0	0	0.0%	0	0.0%	5	30	-83.3%
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	0.0%
DUBAI CRUDE OIL CALENDAR	0	0	0.0%	0	0.0%	2,000	0	0.0%
DUTCH TTF NATURAL GAS CAL	0	1,712	-100.0%	0	0.0%	14,607	433,381	-96.6%
EAST/WEST FUEL OIL SPREAD	0	0	0.0%	0	0.0%	0	0	0.0%
EIA FLAT TAX ONHWAY DIESE	1,173	28	4,089.3%	0	0.0%	2,011	4,367	-54.0%
ELEC FINSETTLED	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%
EMMISSIONS	3,391	0	-	1,437	136.0%	22,428	0	-
ETHANOL	0	0	0.0%	0	0.0%	10	272	-96.3%
ETHANOL SWAP	155	315	-50.8%	300	-48.3%	2,120	2,128	-0.4%
ETHANOL T2 FOB ROTT INCL DU	3,655	3,929	-7.0%	2,783	31.3%	38,533	40,870	-5.7%
EURO 3.5% FUEL OIL RDAM B	0	35	-100.0%	0	0.0%	0	81	-100.0%
EURO 3.5% FUEL OIL SPREAD	0	0	0.0%	0	-	0	0	0.0%
EURO GASOIL 10 CAL SWAP	0	0	-	0	0.0%	3	0	-
EURO GASOIL 10PPM VS ICE	0	45	-100.0%	0	0.0%	1,169	2,812	-58.4%
EUROPE 1% FUEL OIL NWE CA	0	0	0.0%	0	0.0%	0	84	-100.0%
EUROPE 1% FUEL OIL RDAM C	0	0	0.0%	0	-	0	0	0.0%
EUROPE 3.5% FUEL OIL MED	0	0	0.0%	0	0.0%	0	13	-100.0%
EUROPE 3.5% FUEL OIL RDAM	1	99	-99.0%	13	-92.3%	560	541	3.5%
EUROPEAN GASOIL (ICE)	129	371	-65.2%	199	-35.2%	13,592	8,353	62.7%
EUROPEAN NAPHTHA BALMO	30	75	-60.0%	5	500.0%	211	118	78.8%
EUROPEAN NAPHTHA CRACK SP	293	2,502	-88.3%	1,292	-77.3%	21,700	18,928	14.6%
EUROPE DATED BRENT SWAP	0	0	0.0%	0	0.0%	0	710	-100.0%

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## CMEG Exchange Volume Report - Monthly

	VOLUME NOV 2022	VOLUME NOV 2021	% CHG	VOLUME OCT 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
<b>Energy Futures</b>								
EUROPE JET KERO NWE CALSW	0	0	0.0%	0	0.0%	0	20	-100.0%
EUROPE NAPHTHA CALSWAP	823	681	20.9%	343	139.9%	6,704	6,760	-0.8%
EURO PROPANE CIF ARA SWA	1,721	1,907	-9.8%	2,313	-25.6%	19,618	17,333	13.2%
FREIGHT MARKETS	309	373	-17.2%	88	251.1%	2,984	2,387	25.0%
FUEL OIL CRACK VS ICE	12	0	0.0%	0	0.0%	1,204	2,203	-45.3%
FUEL OIL NWE CRACK VS ICE	0	0	0.0%	0	0.0%	66	72	-8.3%
FUEL OIL (PLATS) CAR CM	0	0	0.0%	0	-	0	0	0.0%
FUELOIL SWAP:CARGOES VS.B	0	0	0.0%	0	0.0%	0	0	0.0%
GAS EURO-BOB OXY NWE BARG	147	358	-58.9%	21	600.0%	2,129	7,235	-70.6%
GAS EURO-BOB OXY NWE BARG	1,249	7,478	-83.3%	1,207	3.5%	26,012	59,763	-56.5%
GASOIL 0.1CIF MED VS ICE	0	0	0.0%	0	0.0%	45	60	-25.0%
GASOIL 0.1 RDAM BRGS VS I	0	0	0.0%	0	0.0%	10	42	-76.2%
GASOIL 0.1 ROTTERDAM BARG	10	15	-33.3%	0	0.0%	76	178	-57.3%
GASOIL 10PPM VS ICE SWAP	0	0	0.0%	12	-100.0%	12	0	0.0%
GASOIL CALENDAR SWAP	36	164	-78.0%	6	500.0%	1,013	1,586	-36.1%
GASOIL CRACK SPREAD CALEN	12	4,683	-99.7%	0	0.0%	10,971	20,494	-46.5%
GASOIL MINI CALENDAR SWAP	360	607	-40.7%	116	210.3%	3,177	4,060	-21.7%
GERMAN POWER BASELOAD CA	0	6	-100.0%	0	0.0%	0	244	-100.0%
GROUP THREE UNLEAD GAS (P	0	0	0.0%	0	-	0	0	0.0%
GRP THREE ULSD(PLT)VS HEA	3,035	3,460	-12.3%	4,826	-37.1%	49,238	47,395	3.9%
GRP THREE UNL GS (PLT) VS	1,625	2,740	-40.7%	905	79.6%	32,487	29,034	11.9%
GULF COAST 3% FUEL OIL BA	0	28	-100.0%	0	0.0%	967	740	30.7%
GULF COAST JET FUEL CLNDR	0	0	0.0%	0	0.0%	0	0	0.0%
GULF COAST JET VS NYM 2 H	4,422	9,535	-53.6%	5,219	-15.3%	100,870	222,242	-54.6%
GULF COAST NO.6 FUEL OIL	20,647	4,595	349.3%	23,081	-10.5%	144,121	47,547	203.1%
GULF COAST ULSD CALENDAR	1,203	68	1,669.1%	0	0.0%	2,007	4,206	-52.3%
GULF COAST ULSD CRACK SPR	0	0	0.0%	0	0.0%	0	0	0.0%
HEATING OIL BALMO CLNDR S	20	235	-91.5%	87	-77.0%	3,510	3,140	11.8%
HEATING OIL CRCK SPRD BAL	0	0	0.0%	0	0.0%	127	2,450	-94.8%
HEATING OIL PHY	2,674,598	3,817,258	-29.9%	3,545,160	-24.6%	36,744,256	35,906,565	2.3%
HENRY HUB BASIS SWAP	0	0	0.0%	0	-	0	0	0.0%
HENRY HUB FINANCIAL LAST	0	0	0.0%	0	-	0	0	0.0%
HENRY HUB INDEX SWAP FUTU	0	0	0.0%	0	-	0	0	0.0%
HENRY HUB SWAP	14,672	14,775	-0.7%	23,546	-37.7%	295,238	342,416	-13.8%
HOUSTON SHIP CHANNEL BASI	0	0	0.0%	0	0.0%	0	0	0.0%
HTG OIL	0	0	0.0%	36	-100.0%	108	124	-12.9%
ICE BRENT DUBAI SWAP	220	1,140	-80.7%	0	0.0%	2,413	6,744	-64.2%
ICE GASOIL BALMO SWAP	0	0	0.0%	0	0.0%	0	46	-100.0%
INDIANA MISO	0	0	0.0%	0	0.0%	0	0	0.0%
INDONESIAN COAL ICI4	0	0	0.0%	0	0.0%	0	1,124	-100.0%
JAPAN C&F NAPHTHA CRACK S	0	6	-100.0%	0	0.0%	428	6	7,033.3%
JAPAN C&F NAPHTHA SWAP	47	46	2.2%	141	-66.7%	1,210	668	81.1%
JAPAN NAPHTHA BALMO SWAP	0	6	-100.0%	0	0.0%	6	18	-66.7%
JET CIF NWE VS ICE	0	386	-100.0%	24	-100.0%	1,525	1,750	-12.9%
JET FUEL UP-DOWN BALMO CL	125	1,275	-90.2%	245	-49.0%	15,366	17,114	-10.2%
JKM LNG Futures	386	830	-53.5%	335	15.2%	3,609	6,423	-43.8%
LA CARB DIESEL (OPIS) SWA	43	35	22.9%	10	330.0%	2,334	1,980	17.9%
LA CARBOB GASOLINE(OPIS)S	0	0	0.0%	0	0.0%	0	225	-100.0%
LA JET (OPIS) SWAP	25	705	-96.5%	50	-50.0%	3,400	5,725	-40.6%
LLS (ARGUS) CALENDAR SWAP	0	0	0.0%	0	0.0%	0	0	0.0%

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## CMEG Exchange Volume Report - Monthly

	VOLUME NOV 2022	VOLUME NOV 2021	% CHG	VOLUME OCT 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
<b>Energy Futures</b>								
LLS (ARGUS) VS WTI SWAP	0	336	-100.0%	0	0.0%	93	2,786	-96.7%
LOS ANGELES CARB GASOLINE	0	0	0.0%	0	-	0	0	0.0%
LTD NAT GAS	365,864	336,990	8.6%	348,893	4.9%	3,900,873	3,706,474	5.2%
MARS (ARGUS) VS WTI SWAP	0	0	0.0%	0	0.0%	1,685	1,750	-3.7%
MARS (ARGUS) VS WTI TRD M	11,873	18,456	-35.7%	15,185	-21.8%	168,219	203,347	-17.3%
MARS BLEND CRUDE OIL	0	0	0.0%	0	-	0	0	0.0%
MCCLOSKEY ARA ARGS COAL	2,132	8,920	-76.1%	926	130.2%	55,782	146,782	-62.0%
MCCLOSKEY RCH BAY COAL	15	1,542	-99.0%	80	-81.3%	4,151	10,581	-60.8%
MGN1 SWAP FUT	0	0	0.0%	0	0.0%	0	0	0.0%
MICHIGAN BASIS	0	0	0.0%	0	-	0	0	0.0%
MINI GAS EUROBOB OXY NWE A	0	68	-100.0%	0	0.0%	263	193	36.3%
MINI RBOB V. EBOBARG NWE BF	0	0	0.0%	0	0.0%	50	391	-87.2%
MINI RBOB V. EBOB(ARGUS) NW	310	319	-2.8%	130	138.5%	3,364	6,138	-45.2%
MINY HTG OIL	13	9	44.4%	10	30.0%	99	70	41.4%
MINY NATURAL GAS	325,570	326,126	-0.2%	198,820	63.8%	3,411,265	2,110,945	61.6%
MINY RBOB GAS	5	8	-37.5%	7	-28.6%	95	94	1.1%
MINY WTI CRUDE OIL	432,710	618,678	-30.1%	463,840	-6.7%	6,554,053	4,781,553	37.1%
MJC FUT	0	0	0.0%	0	0.0%	0	50	-100.0%
MNC FUT	1,658	1,964	-15.6%	1,545	7.3%	18,555	10,318	79.8%
MONT BELVIEU ETHANE 5 DECI	37,839	29,425	28.6%	32,072	18.0%	400,423	321,678	24.5%
MONT BELVIEU ETHANE OPIS B	1,176	1,450	-18.9%	220	434.5%	10,077	9,848	2.3%
MONT BELVIEU LDH PROPANE 5	199,579	195,629	2.0%	192,621	3.6%	1,898,487	2,081,079	-8.8%
MONT BELVIEU LDH PROPANE C	2,379	1,957	21.6%	1,593	49.3%	29,449	33,830	-13.0%
MONT BELVIEU NATURAL GASO	20,191	17,526	15.2%	27,114	-25.5%	267,044	163,373	63.5%
MONT BELVIEU NATURAL GASO	2,393	207	1,056.0%	2,814	-15.0%	18,781	6,672	181.5%
MONT BELVIEU NORMAL BUTAN	60,424	55,203	9.5%	57,789	4.6%	605,894	608,338	-0.4%
MONT BELVIEU NORMAL BUTAN	1,577	1,183	33.3%	2,247	-29.8%	16,734	13,999	19.5%
NATURAL GAS	147,873	142,005	4.1%	148,457	-0.4%	1,846,074	1,772,135	4.2%
NATURAL GAS PEN SWP	27,154	41,693	-34.9%	33,039	-17.8%	478,558	584,427	-18.1%
NATURAL GAS PHY	6,959,599	7,555,349	-7.9%	6,411,375	8.6%	78,532,906	89,918,681	-12.7%
NEPOOL INTR HUB 5MW D AH	0	0	0.0%	0	0.0%	0	0	0.0%
NEPOOL NE MASS 5MW D AH O	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%
NEW ENGLAND HUB PEAK DAIL	0	0	0.0%	0	0.0%	0	0	0.0%
NEW YORK ETHANOL SWAP	490	245	100.0%	605	-19.0%	9,482	1,815	422.4%
NEW YORK HUB ZONE G PEAK	0	0	0.0%	0	0.0%	0	0	0.0%
NEW YORK HUB ZONE J PEAK	0	0	0.0%	0	0.0%	0	0	0.0%
NGPL MID-CONTINENT	0	0	0.0%	0	-	0	0	0.0%
NGPL TEX/OK	0	0	0.0%	0	-	0	0	0.0%
N ILLINOIS HUB DAILY	0	0	0.0%	0	0.0%	0	0	0.0%
NO 2 UP-DOWN SPREAD CALEN	0	0	0.0%	0	-	0	0	0.0%
NORTHWEST ROCKIES BASIS S	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	0.0%
NY HARBOR HEAT OIL SWP	3,327	2,532	31.4%	1,038	220.5%	15,816	12,636	25.2%
NY HARBOR LOW SULPUR GAS	0	0	0.0%	0	0.0%	0	1,570	-100.0%
NY HARBOR RESIDUAL FUEL 1	75	200	-62.5%	75	0.0%	1,425	2,424	-41.2%
NYH NO 2 CRACK SPREAD CAL	105	562	-81.3%	1,344	-92.2%	17,055	17,045	0.1%
NYISO CAPACITY	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO ZONE A 5MW D AH O P	0	0	0.0%	0	-	0	0	0.0%

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<b>Energy Futures</b>								
NYISO ZONE G 5MW D AH O P	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO ZONE G 5MW D AH PK	0	0	0.0%	0	0.0%	0	0	0.0%
NYISO ZONE J 5MW D AH O P	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%
NYMEX ALUMINUM FUTURES	0	0	0.0%	0	-	0	0	0.0%
NYMEX ULSD VS NYMEX HO	0	0	0.0%	0	-	0	0	0.0%
NY ULSD (ARGUS) VS HEATING	998	0	0.0%	840	18.8%	6,410	650	886.2%
PANHANDLE BASIS SWAP FUTU	0	0	0.0%	0	0.0%	0	0	0.0%
PERMIAN BASIS SWAP	0	0	0.0%	0	-	0	0	0.0%
PETROCHEMICALS	3,802	4,156	-8.5%	4,210	-9.7%	37,850	42,426	-10.8%
PETRO CRCKS & SPRDS ASIA	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS NA	10,888	15,370	-29.2%	14,117	-22.9%	207,071	264,855	-21.8%
PETRO CRK&SPRD EURO	783	1,331	-41.2%	825	-5.1%	9,348	9,450	-1.1%
PETROLEUM PRODUCTS	217	910	-76.2%	2,924	-92.6%	22,531	10,323	118.3%
PETROLEUM PRODUCTS ASIA	240	280	-14.3%	330	-27.3%	7,466	2,904	157.1%
PETRO OUTRIGHT EURO	7,271	9,872	-26.3%	6,639	9.5%	105,138	86,133	22.1%
PETRO OUTRIGHT NA	2,580	3,222	-19.9%	4,127	-37.5%	45,553	35,678	27.7%
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 DAYTON DA OFF-PEAK	0	0	0.0%	0	-	0	0	0.0%
PJM DAYTON DA PEAK	0	0	0.0%	0	-	0	0	0.0%
PJM MONTHLY	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 PECO ZONE5MW PEAK CAL	0	0	0.0%	0	-	0	0	0.0%
PJM PSEG DA OFF-PEAK	0	0	0.0%	0	-	0	0	0.0%
PJM PSEG DA PEAK	0	0	0.0%	0	-	0	0	0.0%
PJM WESTH DA OFF-PEAK	0	0	0.0%	0	-	0	0	0.0%
PJM WESTHDA PEAK	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	729	2,026	-64.0%	1,347	-45.9%	10,648	15,267	-30.3%
PREMIUM UNLD 10P FOB MED	0	0	0.0%	0	0.0%	111	185	-40.0%
PROPANE NON-LDH MB (OPIS) B	2,000	1,333	50.0%	2,404	-16.8%	18,530	14,899	24.4%
PROPANE NON-LDH MT. BEL (OF	24,838	22,174	12.0%	14,183	75.1%	152,674	181,670	-16.0%
RBOB CALENDAR SWAP	7,857	4,571	71.9%	8,402	-6.5%	60,164	73,411	-18.0%
RBOB CRACK SPREAD	300	575	-47.8%	395	-24.1%	15,212	21,699	-29.9%
RBOB CRACK SPREAD BALMO S	0	0	-	0	0.0%	127	0	-
RBOB GAS	0	0	0.0%	24	-100.0%	72	84	-14.3%
RBOB GASOLINE BALMO CLNDR	9	833	-98.9%	647	-98.6%	12,525	8,835	41.8%
RBOB PHY	2,894,377	4,136,008	-30.0%	3,052,735	-5.2%	38,239,806	44,525,093	-14.1%
RBOB VS HEATING OIL SWAP	0	0	0.0%	420	-100.0%	975	1,105	-11.8%
SAN JUAN BASIS SWAP	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE 180CST BALMO	1	0	0.0%	0	0.0%	3	0	0.0%
SINGAPORE 380CST BALMO	0	0	0.0%	0	0.0%	1	23	-95.7%
SINGAPORE 380CST FUEL OIL	20	189	-89.4%	12	66.7%	1,323	2,023	-34.6%
SINGAPORE FUEL 180CST CAL	0	0	0.0%	3	-100.0%	3	0	0.0%
SINGAPORE FUEL OIL 180 CS	0	0	0.0%	0	0.0%	0	12	-100.0%
SINGAPORE FUEL OIL SPREAD	0	0	0.0%	45	-100.0%	102	0	0.0%
SINGAPORE GASOIL	346	847	-59.1%	463	-25.3%	8,199	7,410	10.6%
SINGAPORE GASOIL CALENDAR	26	235	-88.9%	61	-57.4%	1,272	8,346	-84.8%

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## CMEG Exchange Volume Report - Monthly

	VOLUME NOV 2022	VOLUME NOV 2021	% CHG	VOLUME OCT 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
<b>Energy Futures</b>								
SINGAPORE GASOIL SWAP	0	225	-100.0%	15	-100.0%	3,155	13,308	-76.3%
SINGAPORE GASOIL VS ICE	0	1,080	-100.0%	0	0.0%	3,936	11,108	-64.6%
SINGAPORE JET KERO BALMO	0	0	0.0%	0	-	0	0	0.0%
SINGAPORE JET KERO GASOIL	0	1,758	-100.0%	0	0.0%	3,725	3,748	-0.6%
SINGAPORE JET KEROSENE SW	0	1,300	-100.0%	0	0.0%	405	3,435	-88.2%
SINGAPORE MOGAS 92 UNLEAD	0	0	0.0%	0	0.0%	810	610	32.8%
SINGAPORE MOGAS 92 UNLEAD	0	725	-100.0%	0	0.0%	600	7,281	-91.8%
Sumas Basis Swap	0	0	0.0%	0	-	0	0	0.0%
TC2 ROTTERDAM TO USAC 37K	12	0	0.0%	144	-91.7%	450	300	50.0%
TC5 RAS TANURA TO YOKOHAM	0	0	0.0%	0	0.0%	243	620	-60.8%
TCO BASIS SWAP	0	0	0.0%	0	-	0	0	0.0%
TD3 MEG TO JAPAN 250K MT	120	845	-85.8%	40	200.0%	6,405	12,245	-47.7%
TEXAS EASTERN ZONE M-3 BA	0	0	0.0%	0	0.0%	0	0	0.0%
TRANSCO ZONE4 BASIS SWAP	0	0	0.0%	0	-	0	0	0.0%
UK NBP NAT GAS CAL MTH FUT	0	0	0.0%	0	0.0%	0	2,535	-100.0%
ULSD UP-DOWN BALMO SWP	4,510	6,255	-27.9%	7,335	-38.5%	65,989	55,049	19.9%
UP DOWN GC ULSD VS NMX HO	20,476	30,319	-32.5%	21,792	-6.0%	284,703	378,058	-24.7%
WAHA BASIS	0	0	0.0%	0	-	0	0	0.0%
WTI-BRENT BULLET SWAP	0	0	0.0%	0	-	0	0	0.0%
WTI-BRENT CALENDAR SWAP	43,728	80,450	-45.6%	44,545	-1.8%	558,872	572,509	-2.4%
WTI CALENDAR	43,810	54,416	-19.5%	47,047	-6.9%	668,310	575,720	16.1%
WTI MIDLAND CRUDE OIL	0	0	0.0%	600	-100.0%	900	2,655	-66.1%
WTS (ARGUS) VS WTI SWAP	216	0	0.0%	150	44.0%	27,838	38,356	-27.4%
WTS (ARGUS) VS WTI TRD MT	0	300	-100.0%	0	0.0%	7,035	6,375	10.4%

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## CMEG Exchange Volume Report - Monthly

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<b>Energy Options</b>								
BRENT CALENDAR SWAP	0	45	-100.0%	144	-100.0%	3,272	3,106	5.3%
BRENT CRUDE OIL 1 M CSO	35,250	0	0.0%	30,000	17.5%	166,500	198,050	-15.9%
BRENT OIL LAST DAY	28,902	57,831	-50.0%	27,473	5.2%	316,528	522,863	-39.5%
COAL API2 INDEX	20	240	-91.7%	0	0.0%	510	2,690	-81.0%
CRUDE OIL	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL 1MO	57,425	58,910	-2.5%	18,900	203.8%	636,578	1,239,950	-48.7%
CRUDE OIL APO	9,004	16,172	-44.3%	23,246	-61.3%	217,958	335,170	-35.0%
CRUDE OIL CALNDR STRIP	0	0	0.0%	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	7,184	0	-	4,173	72.2%	12,785	0	-
CRUDE OIL PHY	2,954,392	3,540,227	-16.5%	2,447,126	20.7%	28,998,057	28,658,501	1.2%
ELEC FINSETTLED	0	0	0.0%	0	0.0%	0	0	0.0%
ETHANOL SWAP	1,911	6,173	-69.0%	1,430	33.6%	30,680	36,500	-15.9%
FREIGHT MARKETS	0	0	-	0	0.0%	30	0	-
HEATING OIL CRK SPD AVG PRI	0	0	0.0%	0	0.0%	750	1,980	-62.1%
HEATING OIL PHY	14,319	12,072	18.6%	11,009	30.1%	124,337	95,823	29.8%
HENRY HUB FINANCIAL LAST	10,759	5,312	102.5%	8,382	28.4%	63,172	88,049	-28.3%
HO 1 MONTH CLNDR OPTIONS	1,500	0	0.0%	1,100	36.4%	7,975	200	3,887.5%
LLS CRUDE OIL	0	0	0.0%	0	0.0%	5,700	0	0.0%
MCCLOSKEY ARA ARGS COAL	0	0	0.0%	0	0.0%	0	540	-100.0%
MCCLOSKEY RCH BAY COAL	0	0	0.0%	0	-	0	0	0.0%
NATURAL GAS	150	0	-	0	0.0%	4,943	0	-
NATURAL GAS 1 M CSO FIN	77,350	76,220	1.5%	64,279	20.3%	975,021	647,028	50.7%
NATURAL GAS 2 M CSO FIN	0	8,150	-100.0%	0	0.0%	14,100	30,250	-53.4%
NATURAL GAS 3 M CSO FIN	3,250	0	0.0%	1,000	225.0%	354,540	247,994	43.0%
NATURAL GAS 5 M CSO FIN	2,000	5,250	-61.9%	0	0.0%	48,250	18,650	158.7%
NATURAL GAS 6 M CSO FIN	12,375	7,050	75.5%	3,500	253.6%	103,275	114,950	-10.2%
NATURAL GAS OPT	850	2,500	-66.0%	150	466.7%	7,600	175,330	-95.7%
NATURAL GAS OPTION ON CALE	0	2,100	-100.0%	0	0.0%	600	63,320	-99.1%
NATURAL GAS PHY	1,942,017	1,415,319	37.2%	1,879,501	3.3%	22,772,353	23,434,833	-2.8%
NATURAL GAS SUMMER STRIP	0	0	0.0%	0	0.0%	0	0	0.0%
NATURAL GAS WINTER STRIP	0	0	0.0%	0	-	0	0	0.0%
N ROCKIES PIPE SWAP	0	0	0.0%	0	-	0	0	0.0%
NY HARBOR HEAT OIL SWP	2,543	2,342	8.6%	1,067	138.3%	22,488	12,005	87.3%
PETROCHEMICALS	0	390	-100.0%	120	-100.0%	3,314	11,397	-70.9%
PETRO OUTRIGHT EURO	0	0	0.0%	0	0.0%	0	0	0.0%
PETRO OUTRIGHT NA	0	120	-100.0%	0	0.0%	375	1,410	-73.4%
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	0.0%
RBOB 1MO CAL SPD OPTIONS	250	0	-	300	-16.7%	3,600	0	-
RBOB CALENDAR SWAP	20	0	0.0%	12	66.7%	3,605	1,274	183.0%
RBOB PHY	2,144	6,442	-66.7%	1,247	71.9%	43,038	82,593	-47.9%
SAN JUAN PIPE SWAP	0	0	0.0%	0	-	0	0	0.0%
SHORT TERM	100	50	100.0%	100	0.0%	2,650	1,525	73.8%
SHORT TERM NATURAL GAS	650	250	160.0%	300	116.7%	7,025	4,725	48.7%
WTI-BRENT BULLET SWAP	12,400	54,425	-77.2%	28,800	-56.9%	375,995	335,925	11.9%
WTI CRUDE OIL 1 M CSO FI	74,350	40,085	85.5%	48,200	54.3%	630,350	746,785	-15.6%

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## CMEG Exchange Volume Report - Monthly

	VOLUME NOV 2022	VOLUME NOV 2021	% CHG	VOLUME OCT 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
<b>FX Futures</b>								
AD/CD CROSS RATES	217	0	0.0%	53	309.4%	843	226	273.0%
AD/JY CROSS RATES	2,605	3,139	-17.0%	3,643	-28.5%	50,064	26,372	89.8%
AD/NE CROSS RATES	1,791	507	253.3%	12,241	-85.4%	62,924	3,681	1,609.4%
AUSTRALIAN DOLLAR	2,139,692	1,825,027	17.2%	2,183,312	-2.0%	23,455,279	22,478,377	4.3%
BP/JY CROSS RATES	2,724	2,498	9.0%	5,266	-48.3%	56,250	30,321	85.5%
BP/SF CROSS RATES	1,231	1,391	-11.5%	3,161	-61.1%	32,068	12,025	166.7%
BRAZIL REAL	376,068	229,473	63.9%	315,624	19.2%	3,591,667	2,742,225	31.0%
BRITISH POUND	2,388,517	2,050,731	16.5%	3,109,061	-23.2%	28,824,521	21,766,067	32.4%
CANADIAN DOLLAR	1,791,405	1,566,495	14.4%	2,044,419	-12.4%	20,868,120	18,206,626	14.6%
CD/JY CROSS RATES	29	601	-95.2%	71	-59.2%	722	3,307	-78.2%
CHINESE RENMINBI (CNH)	44,931	16,254	176.4%	45,898	-2.1%	343,964	181,181	89.8%
CZECK KORUNA (EC)	0	0	0.0%	0	0.0%	41	8	412.5%
CZECK KORUNA (US)	166	4	4,050.0%	175	-5.1%	663	12	5,425.0%
EC/AD CROSS RATES	3,803	3,762	1.1%	3,708	2.6%	62,533	55,054	13.6%
EC/CD CROSS RATES	4,340	4,358	-0.4%	4,679	-7.2%	89,258	75,043	18.9%
EC/NOK CROSS RATES	1,005	190	428.9%	421	138.7%	24,629	9,125	169.9%
EC/SEK CROSS RATES	1,517	355	327.3%	871	74.2%	35,081	6,740	420.5%
EFX/BP CROSS RATES	67,006	37,727	77.6%	80,551	-16.8%	1,050,484	621,910	68.9%
EFX/JY CROSS RATES	26,161	39,436	-33.7%	30,554	-14.4%	610,926	491,827	24.2%
EFX/SF CROSS RATES	14,188	25,738	-44.9%	29,027	-51.1%	439,190	280,335	56.7%
E-MICRO USD/CAD	76	490	-84.5%	20	280.0%	1,914	2,194	-12.8%
E-MICRO USD/CHF	27	49	-44.9%	32	-15.6%	766	132	480.3%
E-MICRO USD/JPY	1,200	5,033	-76.2%	837	43.4%	152,361	7,954	1,815.5%
E-MINI EURO FX	186,774	109,017	71.3%	161,440	15.7%	1,708,126	1,304,128	31.0%
E-MINI JAPANESE YEN	9,960	8,505	17.1%	16,060	-38.0%	131,656	101,281	30.0%
EURO FX	4,687,285	3,940,789	18.9%	4,652,761	0.7%	55,397,545	44,076,796	25.7%
HUNGARIAN FORINT (EC)	0	22	-100.0%	1	-100.0%	33	40	-17.5%
HUNGARIAN FORINT (US)	6	6	0.0%	0	0.0%	48	177	-72.9%
INDIAN RUPEE	33,326	17,525	90.2%	39,486	-15.6%	303,401	161,029	88.4%
JAPANESE YEN	3,038,454	2,484,993	22.3%	3,665,644	-17.1%	36,026,511	24,723,477	45.7%
KOREAN WON	336	1,024	-67.2%	492	-31.7%	5,510	20,251	-72.8%
MEXICAN PESO	1,221,719	1,115,923	9.5%	1,376,493	-11.2%	13,534,329	12,162,115	11.3%
MICRO AUD/USD	271,953	314,611	-13.6%	289,867	-6.2%	2,916,229	2,381,001	22.5%
MICRO CAD/USD	80,400	55,396	45.1%	85,931	-6.4%	694,035	618,530	12.2%
MICRO CHF/USD	15,839	10,691	48.2%	16,673	-5.0%	189,941	97,489	94.8%
MICRO EUR/USD	873,666	580,150	50.6%	923,965	-5.4%	8,796,529	5,383,743	63.4%
MICRO GBP/USD	126,339	146,207	-13.6%	234,107	-46.0%	1,379,196	916,302	50.5%
MICRO INR/USD	764	738	3.5%	621	23.0%	7,807	18,272	-57.3%
MICRO JPY/USD	0	86,243	-100.0%	0	0.0%	101,719	432,297	-76.5%
MICRO USD/CNH	0	0	0.0%	0	0.0%	2	36	-94.4%
NEW ZEALND DOLLAR	617,666	493,335	25.2%	745,879	-17.2%	7,216,503	6,482,924	11.3%
NKR/USD CROSS RATE	2,764	3,861	-28.4%	3,420	-19.2%	39,129	59,712	-34.5%
POLISH ZLOTY (EC)	6	26	-76.9%	2	200.0%	1,229	1,440	-14.7%
POLISH ZLOTY (US)	2,389	808	195.7%	1,811	31.9%	17,969	10,045	78.9%
RMB USD	0	0	0.0%	0	0.0%	29	3	866.7%
RUSSIAN RUBLE	0	174,114	-100.0%	0	0.0%	587,309	1,287,413	-54.4%
S.AFRICAN RAND	70,391	75,786	-7.1%	80,785	-12.9%	1,029,174	676,856	52.1%
SF/JY CROSS RATES	1,528	50	2,956.0%	447	241.8%	12,302	595	1,967.6%
SHEKEL	6	25	-76.0%	1	500.0%	160	59	171.2%
SKR/USD CROSS RATES	7,131	4,910	45.2%	4,926	44.8%	83,616	63,486	31.7%

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<b>FX Futures</b>								
SWISS FRANC	452,450	543,363	-16.7%	458,555	-1.3%	5,933,600	5,468,698	8.5%
TURKISH LIRA	49	6	716.7%	24	104.2%	510	891	-42.8%
USDZAR	0	1,207	-100.0%	0	0.0%	31	1,279	-97.6%
<b>FX Options</b>								
AUD/USD MONDAY OPTION WEE	89	1,969	-95.5%	5	1,680.0%	1,848	6,623	-72.1%
AUD/USD MONDAY OPTION WEE	43	150	-71.3%	18	138.9%	3,304	4,626	-28.6%
AUD/USD MONDAY OPTION WEE	417	153	172.5%	134	211.2%	2,837	4,637	-38.8%
AUD/USD MONDAY OPTION WEE	346	12	2,783.3%	91	280.2%	3,580	4,524	-20.9%
AUD/USD MONDAY OPTION WEE	0	986	-100.0%	145	-100.0%	1,363	2,356	-42.1%
AUD/USD MONTHLY OPTIONS	64,616	82,580	-21.8%	52,855	22.3%	899,797	951,147	-5.4%
AUD/USD WKLY FRIDAY OPTION	896	0	0.0%	0	0.0%	6,376	7,231	-11.8%
AUD/USD WKLY FRIDAY OPTION	2,043	3,424	-40.3%	2,122	-3.7%	17,949	20,349	-11.8%
AUD/USD WKLY FRIDAY OPTION	1,242	2,484	-50.0%	1,072	15.9%	22,778	30,176	-24.5%
AUD/USD WKLY FRIDAY OPTION	1,128	4,213	-73.2%	2,541	-55.6%	19,444	34,030	-42.9%
AUD/USD WKLY FRIDAY OPTION	252	496	-49.2%	0	0.0%	6,052	9,137	-33.8%
AUD/USD WKLY WED OPTIONS -	50	1,083	-95.4%	432	-88.4%	6,411	14,178	-54.8%
AUD/USD WKLY WED OPTIONS -	1,003	344	191.6%	477	110.3%	5,674	8,490	-33.2%
AUD/USD WKLY WED OPTIONS -	33	71	-53.5%	85	-61.2%	2,190	3,139	-30.2%
AUD/USD WKLY WED OPTIONS -	849	516	64.5%	127	568.5%	5,584	9,585	-41.7%
AUD/USD WKLY WED OPTIONS -	380	0	0.0%	0	0.0%	958	1,985	-51.7%
BRL/USD MONTHLY OPTIONS	233	697	-66.6%	22	959.1%	3,276	3,988	-17.9%
CAD/USD MONDAY OPTIONS WE	1,819	1,444	26.0%	685	165.5%	4,337	10,339	-58.1%
CAD/USD MONDAY OPTIONS WE	796	708	12.4%	216	268.5%	11,508	16,428	-29.9%
CAD/USD MONDAY OPTIONS WE	1,403	378	271.2%	424	230.9%	11,449	10,682	7.2%
CAD/USD MONDAY OPTIONS WE	190	386	-50.8%	11	1,627.3%	7,207	22,893	-68.5%
CAD/USD MONDAY OPTIONS WE	0	1,224	-100.0%	1,240	-100.0%	2,775	4,371	-36.5%
CAD/USD MONTHLY OPTIONS	107,771	76,946	40.1%	73,022	47.6%	1,019,962	876,052	16.4%
CAD/USD WKLY FRIDAY OPTION	3,298	0	0.0%	0	0.0%	16,821	27,536	-38.9%
CAD/USD WKLY FRIDAY OPTION	2,638	8,738	-69.8%	4,220	-37.5%	37,324	54,502	-31.5%
CAD/USD WKLY FRIDAY OPTION	4,012	7,869	-49.0%	2,991	34.1%	59,311	84,599	-29.9%
CAD/USD WKLY FRIDAY OPTION	3,096	4,806	-35.6%	3,664	-15.5%	52,533	100,716	-47.8%
CAD/USD WKLY FRIDAY OPTION	6	120	-95.0%	0	0.0%	12,904	28,447	-54.6%
CAD/USD WKLY WED OPTIONS -	746	2,089	-64.3%	992	-24.8%	10,910	23,281	-53.1%
CAD/USD WKLY WED OPTIONS -	783	2,043	-61.7%	804	-2.6%	12,808	20,414	-37.3%
CAD/USD WKLY WED OPTIONS -	459	4,169	-89.0%	1,062	-56.8%	15,026	27,836	-46.0%
CAD/USD WKLY WED OPTIONS -	810	945	-14.3%	1,681	-51.8%	16,624	27,286	-39.1%
CAD/USD WKLY WED OPTIONS -	1,038	0	0.0%	0	0.0%	5,512	9,535	-42.2%
CHF/USD MONTHLY OPTIONS	4,756	5,493	-13.4%	3,267	45.6%	62,205	60,969	2.0%
CHF/USD WKLY FRIDAY OPTION	166	0	0.0%	0	0.0%	1,155	411	181.0%
CHF/USD WKLY FRIDAY OPTION	36	1,091	-96.7%	30	20.0%	937	3,383	-72.3%
CHF/USD WKLY FRIDAY OPTION	249	83	200.0%	46	441.3%	1,296	1,965	-34.0%
CHF/USD WKLY FRIDAY OPTION	162	377	-57.0%	30	440.0%	1,399	2,808	-50.2%
CHF/USD WKLY FRIDAY OPTION	83	3	2,666.7%	0	0.0%	200	285	-29.8%
EUR/GBP MONTHLY OPTIONS	0	0	0.0%	0	0.0%	3,704	6	61,633.3%
EUR/GBP WKLY FRIDAY OPTION	0	100	-100.0%	0	0.0%	0	100	-100.0%
EURODOLLARS	3,332	0	-	1,820	83.1%	6,842	0	-
EUR/USD MONDAY OPTION WEE	1,033	785	31.6%	2,851	-63.8%	20,287	22,217	-8.7%

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## CMEG Exchange Volume Report - Monthly

	VOLUME NOV 2022	VOLUME NOV 2021	% CHG	VOLUME OCT 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
<b>FX Options</b>								
EUR/USD MONDAY OPTION WEE	3,017	714	322.5%	2,552	18.2%	30,054	23,638	27.1%
EUR/USD MONDAY OPTION WEE	1,962	1,165	68.4%	763	157.1%	12,385	16,753	-26.1%
EUR/USD MONDAY OPTION WEE	638	5,524	-88.5%	1,471	-56.6%	30,946	33,488	-7.6%
EUR/USD MONDAY OPTION WEE	0	3,149	-100.0%	766	-100.0%	5,022	9,094	-44.8%
EUR/USD MONTHLY OPTIONS	403,635	215,755	87.1%	337,205	19.7%	3,163,655	2,253,981	40.4%
EUR/USD WKLY FRIDAY OPTION	13,466	0	0.0%	3	448,766.7%	67,548	50,664	33.3%
EUR/USD WKLY FRIDAY OPTION	8,794	30,613	-71.3%	15,767	-44.2%	149,879	159,727	-6.2%
EUR/USD WKLY FRIDAY OPTION	19,159	33,627	-43.0%	15,399	24.4%	184,174	235,909	-21.9%
EUR/USD WKLY FRIDAY OPTION	12,419	16,656	-25.4%	15,885	-21.8%	198,796	205,882	-3.4%
EUR/USD WKLY FRIDAY OPTION	9	163	-94.5%	0	0.0%	59,030	85,936	-31.3%
EUR/USD WKLY WED OPTIONS -	3,254	8,027	-59.5%	9,153	-64.4%	71,213	75,117	-5.2%
EUR/USD WKLY WED OPTIONS -	5,111	9,353	-45.4%	7,267	-29.7%	61,332	79,721	-23.1%
EUR/USD WKLY WED OPTIONS -	5,963	9,834	-39.4%	5,698	4.7%	59,721	78,232	-23.7%
EUR/USD WKLY WED OPTIONS -	5,767	10,856	-46.9%	8,678	-33.5%	73,515	100,680	-27.0%
EUR/USD WKLY WED OPTIONS -	3,037	0	0.0%	0	0.0%	24,484	25,392	-3.6%
GBP/USD MONDAY OPTION WEE	688	239	187.9%	381	80.6%	5,977	5,439	9.9%
GBP/USD MONDAY OPTION WEE	451	729	-38.1%	509	-11.4%	11,163	7,977	39.9%
GBP/USD MONDAY OPTION WEE	643	1,948	-67.0%	273	135.5%	3,826	5,979	-36.0%
GBP/USD MONDAY OPTION WEE	483	3,233	-85.1%	829	-41.7%	6,192	10,588	-41.5%
GBP/USD MONDAY OPTION WEE	0	584	-100.0%	1,841	-100.0%	3,321	3,038	9.3%
GBP/USD MONTHLY OPTIONS	73,703	72,330	1.9%	105,333	-30.0%	932,018	816,211	14.2%
GBP/USD WKLY FRIDAY OPTION	1,615	0	0.0%	0	0.0%	10,748	12,507	-14.1%
GBP/USD WKLY FRIDAY OPTION	3,471	7,720	-55.0%	4,440	-21.8%	29,234	33,056	-11.6%
GBP/USD WKLY FRIDAY OPTION	7,043	4,994	41.0%	3,166	122.5%	40,350	36,073	11.9%
GBP/USD WKLY FRIDAY OPTION	2,378	3,754	-36.7%	2,516	-5.5%	33,189	41,626	-20.3%
GBP/USD WKLY FRIDAY OPTION	492	503	-2.2%	0	0.0%	11,169	11,560	-3.4%
GBP/USD WKLY WED OPTIONS -	661	1,288	-48.7%	2,198	-69.9%	14,089	13,489	4.4%
GBP/USD WKLY WED OPTIONS -	509	1,383	-63.2%	539	-5.6%	5,341	8,566	-37.6%
GBP/USD WKLY WED OPTIONS -	1,054	2,656	-60.3%	1,069	-1.4%	11,413	9,427	21.1%
GBP/USD WKLY WED OPTIONS -	803	3,775	-78.7%	1,586	-49.4%	13,191	16,253	-18.8%
GBP/USD WKLY WED OPTIONS -	650	0	0.0%	0	0.0%	1,320	2,591	-49.1%
JPY/USD MONDAY OPTION WEE	88	121	-27.3%	153	-42.5%	6,782	4,473	51.6%
JPY/USD MONDAY OPTION WEE	1,563	136	1,049.3%	438	256.8%	9,878	6,147	60.7%
JPY/USD MONDAY OPTION WEE	109	208	-47.6%	156	-30.1%	3,085	4,100	-24.8%
JPY/USD MONDAY OPTION WEE	289	640	-54.8%	6,372	-95.5%	16,044	4,919	226.2%
JPY/USD MONDAY OPTION WEE	0	200	-100.0%	720	-100.0%	967	2,897	-66.6%
JPY/USD MONTHLY OPTIONS	81,572	92,479	-11.8%	141,887	-42.5%	1,564,054	972,884	60.8%
JPY/USD WKLY FRIDAY OPTION	6,206	0	0.0%	0	0.0%	39,044	28,897	35.1%
JPY/USD WKLY FRIDAY OPTION	6,686	17,647	-62.1%	10,664	-37.3%	88,956	70,338	26.5%
JPY/USD WKLY FRIDAY OPTION	11,494	13,707	-16.1%	15,618	-26.4%	130,108	112,869	15.3%
JPY/USD WKLY FRIDAY OPTION	3,909	8,335	-53.1%	12,765	-69.4%	117,744	101,277	16.3%
JPY/USD WKLY FRIDAY OPTION	21	310	-93.2%	0	0.0%	38,782	36,997	4.8%
JPY/USD WKLY WED OPTIONS -	1,728	5,984	-71.1%	9,752	-82.3%	42,323	34,295	23.4%
JPY/USD WKLY WED OPTIONS -	3,165	6,053	-47.7%	5,857	-46.0%	40,469	43,407	-6.8%
JPY/USD WKLY WED OPTIONS -	2,992	7,142	-58.1%	3,569	-16.2%	35,360	41,939	-15.7%
JPY/USD WKLY WED OPTIONS -	2,101	7,049	-70.2%	6,953	-69.8%	48,748	38,934	25.2%
JPY/USD WKLY WED OPTIONS -	3,561	0	0.0%	0	0.0%	15,566	9,879	57.6%
MXN/USD MONTHLY OPTIONS	954	972	-1.9%	353	170.3%	16,819	15,554	8.1%
MXN/USD WKLY FRIDAY OPTION	0	0	0.0%	0	-	0	0	0.0%
MXN/USD WKLY FRIDAY OPTION	0	300	-100.0%	0	0.0%	17	904	-98.1%

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## CMEG Exchange Volume Report - Monthly

	VOLUME NOV 2022	VOLUME NOV 2021	% CHG	VOLUME OCT 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
<b>FX Options</b>								
MXN/USD WKLY FRIDAY OPTION	100	0	0.0%	0	0.0%	100	552	-81.9%
MXN/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%	0	631	-100.0%
MXN/USD WKLY FRIDAY OPTION	0	0	0.0%	0	-	0	0	0.0%
NZD/USD MONTHLY OPTIONS	4	587	-99.3%	10	-60.0%	23,736	2,648	796.4%
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%	0	67	-100.0%
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	68	-100.0%
<b>Ags Futures</b>								
FERTILIZER PRODUCS	2,363	3,706	-36.2%	2,295	3.0%	31,071	42,868	-27.5%
<b>Foreign Exchange Futures</b>								
CHILEAN PESO	0	0	-	0	0.0%	24	0	-
<b>Foreign Exchange Options</b>								
AUD/USD WKLY WED OPTIONS -	63	570	-88.9%	101	-37.6%	3,410	5,103	-33.2%

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## CMEG Exchange Volume Report - Monthly

	VOLUME NOV 2022	VOLUME NOV 2021	% CHG	VOLUME OCT 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
<b>Ag Products Futures</b>								
BLOCK CHEESE	189	270	-30.0%	326	-42.0%	3,607	8,130	-55.6%
BUTTER CS	3,775	3,881	-2.7%	4,117	-8.3%	46,494	44,996	3.3%
CASH-SETTLED CHEESE	9,198	15,286	-39.8%	9,136	0.7%	107,967	132,810	-18.7%
CAT ASIA WEATHER	0	0	0.0%	0	0.0%	0	1,200	-100.0%
CATTLE	1,213,876	1,274,084	-4.7%	1,051,565	15.4%	13,255,633	12,987,806	2.1%
CAT WEATHER EUROPEAN	0	0	0.0%	0	0.0%	0	500	-100.0%
CDD SEASONAL STRIP	0	0	0.0%	0	0.0%	7,400	6,275	17.9%
CDD WEATHER	0	0	0.0%	0	0.0%	23,650	9,325	153.6%
CHI WHEAT	2,543,637	2,997,757	-15.1%	1,797,427	41.5%	24,584,098	28,396,200	-13.4%
CLASS IV MILK	1,444	4,024	-64.1%	1,443	0.1%	27,406	17,996	52.3%
COFFEE	0	0	0.0%	0	0.0%	0	2	-100.0%
CORN	7,303,588	8,162,761	-10.5%	5,015,730	45.6%	73,849,531	82,429,384	-10.4%
COTTON	0	0	0.0%	0	-	0	0	0.0%
DJ_UBS ROLL SELECT INDEX FU	810	763	6.2%	1,425	-43.2%	80,513	34,999	130.0%
DOW-UBS COMMOD INDEX	14,103	23,156	-39.1%	16,745	-15.8%	626,076	544,059	15.1%
DOW-UBS COMMOD INDEX SWA	0	0	-	0	-	100	0	-
DRY WHEY	669	1,565	-57.3%	497	34.6%	10,733	21,415	-49.9%
FEEDER CATTLE	279,193	234,357	19.1%	307,268	-9.1%	3,105,499	2,830,171	9.7%
FERTILIZER PRODUCTS	0	0	0.0%	0	0.0%	0	0	0.0%
GOLDMAN SACHS	2,996	5,090	-41.1%	3,178	-5.7%	42,409	93,111	-54.5%
GSCI EXCESS RETURN FUT	528	4,542	-88.4%	899	-41.3%	406,034	377,790	7.5%
HDD EURO SEASONAL STRIP	0	0	0.0%	1,000	-100.0%	3,375	0	0.0%
HDD SEASONAL STRIP	0	0	0.0%	150	-100.0%	3,900	500	680.0%
HDD WEATHER	4,875	3,300	47.7%	7,350	-33.7%	21,900	23,950	-8.6%
HDD WEATHER EUROPEAN	500	4,500	-88.9%	3,950	-87.3%	8,325	11,350	-26.7%
HOGS	948,713	968,964	-2.1%	898,146	5.6%	10,606,337	10,659,044	-0.5%
HOUSING INDEX	17	20	-15.0%	15	13.3%	173	152	13.8%
Intercommodity Spread	0	0	0.0%	0	-	0	0	0.0%
KC WHEAT	873,715	1,382,928	-36.8%	701,770	24.5%	9,871,869	12,200,840	-19.1%
LUMBER	8,409	7,368	14.1%	12,521	-32.8%	98,625	106,276	-7.2%
MALAYSIAN PALM SWAP	0	1,890	-100.0%	0	0.0%	0	89,946	-100.0%
MILK	26,407	32,169	-17.9%	21,684	21.8%	313,326	277,619	12.9%
MINI CORN	32,076	47,322	-32.2%	34,650	-7.4%	583,516	666,966	-12.5%
MINI SOYBEAN	39,523	41,496	-4.8%	57,583	-31.4%	644,012	617,177	4.3%
MINI WHEAT	25,922	24,650	5.2%	31,341	-17.3%	306,276	230,535	32.9%
MLK MID OPTIONS	0	0	0.0%	0	0.0%	0	0	0.0%
NFD MILK	4,899	5,510	-11.1%	5,963	-17.8%	62,423	61,192	2.0%
OATS	12,155	20,154	-39.7%	9,780	24.3%	99,275	130,860	-24.1%
PACIFIC RIM DAT SS WTHR	0	0	0.0%	0	0.0%	0	1,000	-100.0%
PORK CUTOUT	1,489	2,221	-33.0%	1,607	-7.3%	22,861	26,382	-13.3%
ROUGH RICE	18,447	19,878	-7.2%	30,154	-38.8%	215,415	193,701	11.2%
SOYBEAN	3,523,928	3,633,658	-3.0%	5,495,648	-35.9%	47,012,674	48,534,444	-3.1%
SOYBEAN MEAL	2,633,308	3,045,472	-13.5%	2,267,846	16.1%	25,304,163	24,379,431	3.8%
SOYBEAN OIL	3,003,425	2,813,581	6.7%	2,429,143	23.6%	26,819,711	30,077,790	-10.8%
S&P GSCI ENHANCED ER SWAP	0	0	0.0%	0	0.0%	0	6,006	-100.0%
SUGAR 11	0	0	0.0%	0	-	0	0	0.0%
USD CRUDE PALM OIL	15,935	29,262	-45.5%	16,009	-0.5%	235,499	105,470	123.3%
WHEAT	300	25,759	-98.8%	300	0.0%	57,764	294,591	-80.4%

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<b>Ag Products Options</b>								
AUG-NOV SOYBEAN CAL SPRD	0	0	0.0%	0	0.0%	212	0	0.0%
BLOCK CHEESE	0	0	0.0%	6	-100.0%	2,515	3,129	-19.6%
BUTTER CS	2,225	1,862	19.5%	1,963	13.3%	18,190	21,915	-17.0%
CASH-SETTLED CHEESE	4,946	5,395	-8.3%	6,333	-21.9%	76,490	69,588	9.9%
CATTLE	210,304	240,347	-12.5%	192,076	9.5%	2,355,024	2,133,807	10.4%
CDD SEASONAL STRIP	0	0	0.0%	0	0.0%	20,500	8,450	142.6%
CDD WEATHER	0	0	0.0%	0	0.0%	1,100	6,250	-82.4%
CHI WHEAT	555,618	766,256	-27.5%	590,942	-6.0%	6,691,790	5,384,995	24.3%
CLASS IV MILK	8,096	7,926	2.1%	6,561	23.4%	82,713	47,385	74.6%
CORN	1,904,311	1,946,744	-2.2%	1,803,739	5.6%	28,873,759	30,264,034	-4.6%
CORN NEARBY+2 CAL SPRD	16,426	14,304	14.8%	20,085	-18.2%	237,450	139,200	70.6%
DEC-DEC CORN CAL SPRD	0	800	-100.0%	0	0.0%	0	3,717	-100.0%
DEC-JULY CORN CAL SPRD	3,245	1,950	66.4%	445	629.2%	19,106	24,185	-21.0%
DEC-JULY WHEAT CAL SPRD	0	0	0.0%	0	-	0	0	0.0%
DRY WHEY	0	225	-100.0%	5	-100.0%	3,234	1,983	63.1%
FEEDER CATTLE	29,902	27,536	8.6%	38,506	-22.3%	392,226	243,589	61.0%
HDD EURO SEASONAL STRIP	0	0	0.0%	2,000	-100.0%	6,750	2,000	237.5%
HDD SEASONAL STRIP	0	0	0.0%	1,500	-100.0%	4,000	28,920	-86.2%
HDD WEATHER	100	0	0.0%	500	-80.0%	12,900	7,250	77.9%
HDD WEATHER EUROPEAN	0	2,000	-100.0%	1,000	-100.0%	2,000	24,250	-91.8%
HOGS	183,582	180,804	1.5%	227,260	-19.2%	2,497,659	2,235,718	11.7%
HOUSING INDEX	0	0	0.0%	0	-	0	0	0.0%
Intercommodity Spread	0	0	0.0%	0	0.0%	0	271	-100.0%
JAN-MAR SOYBEAN CSO	0	0	0.0%	0	-	0	0	0.0%
JAN-MAY SOYBEAN CAL SPRD	300	0	-	0	-	300	0	-
JULY-DEC CORN CAL SPRD	15,032	0	0.0%	650	2,212.6%	94,552	40,105	135.8%
JULY-DEC SOYMEAL CAL SPRD	0	0	-	0	0.0%	845	0	-
JULY-DEC SOY OIL CAL SPRD	0	0	0.0%	0	0.0%	0	0	0.0%
JULY-DEC WHEAT CAL SPRD	0	0	0.0%	0	0.0%	3,700	100	3,600.0%
JULY-JULY WHEAT CAL SPRD	0	0	0.0%	0	0.0%	2	0	0.0%
JULY-NOV SOYBEAN CAL SPRD	5,155	2,321	122.1%	5,286	-2.5%	54,714	5,393	914.5%
KC WHEAT	47,219	146,032	-67.7%	59,654	-20.8%	773,487	811,316	-4.7%
LUMBER	206	539	-61.8%	380	-45.8%	4,316	7,648	-43.6%
LV CATL CSO	0	0	0.0%	0	-	0	0	0.0%
MAR-DEC CORN CAL SPRD	0	0	0.0%	0	0.0%	0	0	0.0%
MAR-JULY CORN CAL SPRD	8,840	3,840	130.2%	5,115	72.8%	39,445	4,290	819.5%
MAR-JULY SOYBEAN CAL SPRD	0	0	0.0%	50	-100.0%	650	0	0.0%
MAR-JULY WHEAT CAL SPRD	0	700	-100.0%	0	0.0%	150	700	-78.6%
MILK	36,026	25,080	43.6%	23,543	53.0%	274,765	286,358	-4.0%
MLK MID OPTIONS	1	12	-91.7%	0	0.0%	46	28	64.3%
NFD MILK	4,043	2,995	35.0%	6,434	-37.2%	48,728	43,628	11.7%
NOV-JULY SOYBEAN CAL SPRD	0	0	0.0%	100	-100.0%	5,260	0	0.0%
NOV-MAR SOYBEAN CSO	0	0	0.0%	0	0.0%	0	150	-100.0%
NOV-NOV SOYBEAN CAL SPRD	0	0	0.0%	0	-	0	0	0.0%
OATS	70	398	-82.4%	116	-39.7%	1,998	3,904	-48.8%
PORK CUTOUT	10	0	0.0%	0	0.0%	45	750	-94.0%
ROUGH RICE	1,609	2,284	-29.6%	2,694	-40.3%	18,936	11,693	61.9%
SEP-DEC SOYBEAN MEAL CSO	0	0	-	0	0.0%	830	0	-
SOYBEAN	791,242	1,230,210	-35.7%	916,184	-13.6%	15,940,359	17,178,326	-7.2%
SOYBEAN CRUSH	5	1	400.0%	0	0.0%	170	1,232	-86.2%

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## CMEG Exchange Volume Report - Monthly

	VOLUME NOV 2022	VOLUME NOV 2021	% CHG	VOLUME OCT 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
<b>Ag Products Options</b>								
SOYBEAN MEAL	179,972	366,623	-50.9%	179,218	0.4%	2,524,546	2,574,318	-1.9%
SOYBEAN OIL	329,525	222,921	47.8%	228,677	44.1%	2,751,591	3,146,543	-12.6%
SOYBN NEARBY+2 CAL SPRD	3,350	0	0.0%	5,111	-34.5%	40,509	20,774	95.0%
SOYMEAL NEARBY+2 CAL SPRD	0	0	0.0%	0	0.0%	1,250	0	0.0%
SOY OIL NEARBY+2 CAL SPRD	0	0	-	150	-100.0%	1,250	0	-
WHEAT	958	269	256.1%	887	8.0%	3,379	11,856	-71.5%
WHEAT-CORN ICSCO	0	0	0.0%	170	-100.0%	8,522	851	901.4%
WHEAT NEARBY+2 CAL SPRD	170	340	-50.0%	2,070	-91.8%	33,937	6,185	448.7%
<b>TOTAL FUTURES GROUP</b>								
Interest Rate Futures	198,237,417	204,330,853	-3.0%	152,033,133	30.4%	2,018,843,557	1,700,359,833	18.7%
Equity Index Futures	119,149,441	97,552,745	22.1%	147,797,472	-19.4%	1,492,624,721	1,071,778,984	39.3%
Metals Futures	11,742,328	11,957,906	-1.8%	8,972,455	30.9%	107,806,797	118,385,774	-8.9%
Energy Futures	34,793,519	45,123,045	-22.9%	32,987,429	5.5%	414,870,809	453,363,330	-8.5%
FX Futures	18,569,900	15,982,589	16.2%	20,633,015	-10.0%	215,868,446	173,451,107	24.5%
Ags Futures	2,363	3,706	-36.2%	2,295	3.0%	31,071	42,868	-27.5%
Foreign Exchange Futures	0	0	-	0	0.0%	24	0	-
Ag Products Futures	22,548,049	24,837,638	-9.2%	20,236,366	11.4%	238,468,569	256,631,391	-7.1%
<b>TOTAL FUTURES</b>	<b>405,043,017</b>	<b>399,788,482</b>	<b>1.3%</b>	<b>382,662,165</b>	<b>5.8%</b>	<b>4,488,513,994</b>	<b>3,774,013,287</b>	<b>18.9%</b>
<b>TOTAL OPTIONS GROUP</b>								
Equity Index Options	26,205,427	20,195,850	29.8%	30,828,071	-15.0%	280,195,661	167,372,283	67.4%
Interest Rate Options	50,184,814	53,433,288	-6.1%	52,787,346	-4.9%	530,377,793	462,138,390	14.8%
Metals Options	1,399,575	1,284,540	9.0%	1,297,735	7.8%	14,279,098	12,335,421	15.8%
Energy Options	5,251,115	5,317,675	-1.3%	4,601,559	14.1%	55,957,954	57,113,416	-2.0%
FX Options	919,719	831,417	10.6%	919,736	0.0%	9,967,334	8,556,532	16.5%
Ag Products Options	4,342,488	5,200,714	-16.5%	4,329,410	0.3%	63,925,900	64,806,784	-1.4%
Foreign Exchange Options	63	570	-88.9%	101	-37.6%	3,410	5,103	-33.2%
<b>TOTAL OPTIONS</b>	<b>88,303,201</b>	<b>86,264,054</b>	<b>2.4%</b>	<b>94,763,958</b>	<b>-6.8%</b>	<b>954,707,150</b>	<b>772,327,929</b>	<b>23.6%</b>
<b>TOTAL COMBINED</b>								
Interest Rate	248,422,231	257,764,141	-3.6%	204,820,479	21.3%	2,549,221,350	2,162,498,223	17.9%
Equity Index	145,354,868	117,748,595	23.4%	178,625,543	-18.6%	1,772,820,382	1,239,151,267	43.1%
Metals	13,141,903	13,242,446	-0.8%	10,270,190	28.0%	122,085,895	130,721,195	-6.6%
Energy	40,044,634	50,440,720	-20.6%	37,588,988	6.5%	470,828,763	510,476,746	-7.8%
FX	19,489,619	16,814,006	15.9%	21,552,751	-9.6%	225,835,780	182,007,639	24.1%
Ags	2,363	3,706	-36.2%	2,295	3.0%	31,071	42,868	-27.5%
Foreign Exchange	63	570	-88.9%	101	-37.6%	3,434	5,103	-32.7%
Ag Products	26,890,537	30,038,352	-10.5%	24,565,776	9.5%	302,394,469	321,438,175	-5.9%
<b>GRAND TOTAL</b>	<b>493,346,218</b>	<b>486,052,536</b>	<b>1.5%</b>	<b>477,426,123</b>	<b>3.3%</b>	<b>5,443,221,144</b>	<b>4,546,341,216</b>	<b>19.7%</b>

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