



CME Exchange Volume Report - Monthly

	VOLUME DEC 2022	VOLUME DEC 2021	% CHG	VOIUME NOV 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
Interest Rate Futures								
1-MONTH EURODOLLAR	9	670	-98.7%	4,012	-99.8%	77,856	672	11,485.7%
BSBY 3-MONTH FUTURES	9,433	94,586	-90.0%	19,710	-52.1%	569,291	494,710	15.1%
ESTR Basis Spread Futures	859	0	-	1,639	-47.6%	2,539	0	-
ESTR Futures	11,134	0	-	5,634	97.6%	16,779	0	-
EURODOLLARS	10,093,645	43,255,746	-76.7%	15,166,182	-33.4%	394,020,496	609,936,368	-35.4%
SOFR	40,831,127	6,360,164	542.0%	48,950,717	-16.6%	441,997,117	39,928,510	1,007.0%
SONIA	2,056	1,583	29.9%	0	0.0%	3,349	805,095	-99.6%
TIIE	130	54	140.7%	25	420.0%	1,171	892	31.3%
Interest Rate Options								
EURODOLLARS	7,908,771	9,787,076	-19.2%	9,711,071	-18.6%	143,310,022	64,034,656	123.8%
EURO MIDCURVE	421,970	11,048,201	-96.2%	749,264	-43.7%	65,828,332	202,913,484	-67.6%
SOFR	12,991,569	203	6,399,687.7%	16,026,490	-18.9%	86,072,767	8,855	971,924.5%
SOFR MIDCURVE	4,575,875	1	457,587,400.0%	4,197,924	9.0%	24,309,231	101	24,068,445.5%

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

CME Exchange Volume Report - Monthly

	VOLUME DEC 2022	VOLUME DEC 2021	% CHG	VOIUME NOV 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
Equity Index Futures								
BITCOIN	156,415	173,229	-9.7%	293,346	-46.7%	2,694,578	2,528,772	6.6%
E-mini FTSE China 50	55	139	-60.4%	231	-76.2%	7,408	898	724.9%
E-MINI MIDCAP	343,452	431,447	-20.4%	264,797	29.7%	3,976,016	3,328,874	19.4%
E-MINI NASDAQ 100	13,926,219	14,268,367	-2.4%	13,225,865	5.3%	176,874,262	140,406,331	26.0%
E-MINI RUSSELL 1000	15,244	49,964	-69.5%	1,365	1,016.8%	148,765	166,062	-10.4%
E-MINI RUSSELL 1000 GROWTH	10,435	13,637	-23.5%	5,621	85.6%	103,840	66,580	56.0%
E-MINI RUSSELL 1000 VALUE	62,137	52,649	18.0%	5,644	1,000.9%	300,802	364,515	-17.5%
E-MINI RUSSELL 2000	5,035,590	6,287,238	-19.9%	4,054,962	24.2%	60,571,391	52,080,430	16.3%
E-MINI S&P500	42,243,397	44,601,100	-5.3%	36,343,215	16.2%	503,954,527	403,642,202	24.9%
E-MINI S&P500 ESG	54,636	53,212	2.7%	16,011	241.2%	390,659	264,928	47.5%
ETHER	0	0	-	0	0.0%	12	0	-
ETHER FUTURES	77,846	90,851	-14.3%	168,664	-53.8%	1,571,750	888,702	76.9%
FT-SE 100	0	819	-100.0%	4	-100.0%	1,528	2,198	-30.5%
FTSE Emerging	0	0	0.0%	0	0.0%	0	5	-100.0%
IBOVESPA INDEX	63	71	-11.3%	44	43.2%	688	2,570	-73.2%
MICRO BITCOIN	116,734	419,547	-72.2%	343,673	-66.0%	3,682,071	3,727,727	-1.2%
MICRO E-MINI NASDAQ 100	23,024,785	24,614,942	-6.5%	26,067,137	-11.7%	364,950,140	239,115,577	52.6%
MICRO E-MINI RUSSELL 2000	1,737,641	4,073,952	-57.3%	2,240,312	-22.4%	32,832,497	39,150,463	-16.1%
MICRO E-MINI S&P500	26,075,194	21,948,911	18.8%	27,185,751	-4.1%	343,974,047	218,602,634	57.4%
MICRO ETHER	189,653	208,824	-9.2%	474,356	-60.0%	4,915,035	208,824	2,253.7%
NASDAQ-100 VOLATILITY	807	0	0.0%	36	2,141.7%	19,362	111	17,343.2%
NASDAQ BIOTECH SECTOR	595	198	200.5%	63	844.4%	2,818	7,335	-61.6%
Nearby BTIC+	0	650	-100.0%	50	-100.0%	7,588	1,106	586.1%
NIKKEI 225 (\$) STOCK	131,856	154,574	-14.7%	96,887	36.1%	1,402,552	1,589,832	-11.8%
NIKKEI 225 (YEN) STOCK	684,932	741,258	-7.6%	589,048	16.3%	9,213,229	8,120,411	13.5%
PHLX SEMICONDUCTOR SECTO	202	0	-	229	-11.8%	2,128	0	-
S&P 500	91,313	137,175	-33.4%	50,301	81.5%	901,068	1,276,005	-29.4%
S&P 500 ANNUAL DIVIDEND IND	69,170	74,486	-7.1%	77,999	-11.3%	983,613	738,840	33.1%
S&P 500/GI	0	0	0.0%	0	-	0	0	0.0%
S&P 500 QUARLY DIVIDEND IND	8,513	8,110	5.0%	6,580	29.4%	58,317	36,459	60.0%
S&P 600 SMALLCAP EMINI	0	0	0.0%	0	-	0	0	0.0%
S&P BIOTECHNOLOGY SECTOR	1,465	0	-	1,023	43.2%	10,742	0	-
S&P COMMUNICATION SERVICE	6,400	6,700	-4.5%	2,536	152.4%	50,773	47,889	6.0%
S&P CONSUMER DISCRETIONAR	11,437	17,362	-34.1%	4,704	143.1%	153,251	150,824	1.6%
S&P CONSUMER STAPLES SECT	57,631	45,165	27.6%	12,223	371.5%	357,984	422,640	-15.3%
S&P ENERGY SECTOR	101,937	91,311	11.6%	29,375	247.0%	822,381	641,070	28.3%
S&P FINANCIAL SECTOR	79,579	78,807	1.0%	14,542	447.2%	465,992	743,111	-37.3%
S&P HEALTH CARE SECTOR	36,823	61,360	-40.0%	8,247	346.5%	316,774	330,229	-4.1%
S&P INDUSTRIAL SECTOR	58,786	41,129	42.9%	32,844	79.0%	384,452	297,648	29.2%
S&P MATERIALS SECTOR	20,585	33,803	-39.1%	13,851	48.6%	188,876	183,113	3.1%
S&P OIL & GAS EXPLORATION A	340	0	-	366	-7.1%	5,025	0	-
S&P REAL ESTATE SECTOR	28,059	15,729	78.4%	1,845	1,420.8%	98,201	108,102	-9.2%
S&P REGIONAL BANKS SECTOR	334	0	-	324	3.1%	2,854	0	-
S&P RETAIL SECTOR	423	0	-	289	46.4%	3,551	0	-
S&P TECHNOLOGY SECTOR	36,607	40,152	-8.8%	10,596	245.5%	317,443	207,368	53.1%
S&P UTILITIES SECTOR	64,684	52,692	22.8%	21,732	197.6%	449,530	396,979	13.2%
S&P VALUE INDEX FUTURES	0	0	0.0%	0	0.0%	0	2,480	-100.0%
TOPIX (USD)	54	0	-	30	80.0%	84	0	-
TOPIX (YEN)	282	3,883	-92.7%	147	91.8%	20,234	31,216	-35.2%
WATER INDEX FUTURES	6	39	-84.6%	3	100.0%	601	986	-39.0%

CME Exchange Volume Report - Monthly

	VOLUME DEC 2022	VOLUME DEC 2021	% CHG	VOIUME NOV 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
Equity Index Options								
BITCOIN OPTIONS	2,688	1,929	39.3%	6,088	-55.8%	37,410	17,591	112.7%
E-MINI NASDAQ 100	790,195	689,271	14.6%	934,424	-15.4%	11,812,316	6,981,883	69.2%
E-mini Russell 2000	71,444	125,143	-42.9%	58,690	21.7%	1,172,463	1,160,547	1.0%
E-MINI RUSSELL 2000	36,016	48,045	-25.0%	35,996	0.1%	387,806	388,739	-0.2%
E-mini S&P 500	9,325,273	10,438,890	-10.7%	11,038,322	-15.5%	139,740,051	94,270,813	48.2%
E-MINI S&P500	14,149,383	11,344,349	24.7%	13,786,183	2.6%	147,775,097	83,666,476	76.6%
EOM S&P 500	0	0	0.0%	0	0.0%	0	20,000	-100.0%
ETHER OPTIONS	323	0	-	506	-36.2%	1,398	0	-
MICRO BITCOIN	1,073	0	-	3,430	-68.7%	78,540	0	-
Micro E-mini Nasdaq-100	30,949	46,331	-33.2%	37,426	-17.3%	498,105	361,874	37.6%
MICRO E-MINI NASDAQ 100	14,446	19,346	-25.3%	10,134	42.5%	140,712	86,965	61.8%
Micro E-mini S&P 500	251,227	274,197	-8.4%	257,197	-2.3%	2,843,721	2,078,793	36.8%
MICRO ETHER	1,093	0	-	30,233	-96.4%	348,515	0	-
S&P 500	0	0	0.0%	0	0.0%	0	1,302,305	-100.0%
FX Futures								
AD/CD CROSS RATES	139	74	87.8%	217	-35.9%	982	300	227.3%
AD/JY CROSS RATES	2,659	3,883	-31.5%	2,605	2.1%	52,723	30,255	74.3%
AD/NE CROSS RATES	7,906	349	2,165.3%	1,791	341.4%	70,830	4,030	1,657.6%
AUSTRALIAN DOLLAR	2,040,515	2,112,336	-3.4%	2,139,692	-4.6%	25,495,794	24,590,713	3.7%
BP/JY CROSS RATES	8,690	4,226	105.6%	2,724	219.0%	64,940	34,547	88.0%
BP/SF CROSS RATES	4,176	5,807	-28.1%	1,231	239.2%	36,244	17,832	103.3%
BRAZIL REAL	267,537	269,910	-0.9%	376,068	-28.9%	3,859,204	3,012,135	28.1%
BRITISH POUND	2,410,863	2,479,942	-2.8%	2,388,517	0.9%	31,235,384	24,246,009	28.8%
CANADIAN DOLLAR	1,899,517	1,895,848	0.2%	1,791,405	6.0%	22,767,637	20,102,474	13.3%
CD/JY CROSS RATES	81	52	55.8%	29	179.3%	803	3,359	-76.1%
CHINESE RENMINBI (CNH)	40,239	21,882	83.9%	44,931	-10.4%	384,203	203,063	89.2%
CZECK KORUNA (EC)	0	0	0.0%	0	0.0%	41	8	412.5%
CZECK KORUNA (US)	183	0	0.0%	166	10.2%	846	12	6,950.0%
EC/AD CROSS RATES	8,550	8,477	0.9%	3,803	124.8%	71,083	63,531	11.9%
EC/CD CROSS RATES	18,060	19,136	-5.6%	4,340	316.1%	107,318	94,179	14.0%
EC/NOK CROSS RATES	1,812	1,161	56.1%	1,005	80.3%	26,441	10,286	157.1%
EC/SEK CROSS RATES	7,387	2,622	181.7%	1,517	386.9%	42,468	9,362	353.6%
EFX/BP CROSS RATES	139,961	128,563	8.9%	67,006	108.9%	1,190,445	750,473	58.6%
EFX/JY CROSS RATES	81,752	102,321	-20.1%	26,161	212.5%	692,678	594,148	16.6%
EFX/SF CROSS RATES	43,529	68,307	-36.3%	14,188	206.8%	482,719	348,642	38.5%
E-MICRO USD/CAD	159	900	-82.3%	76	109.2%	2,073	3,094	-33.0%
E-MICRO USD/CHF	108	111	-2.7%	27	300.0%	874	243	259.7%
E-MICRO USD/JPY	1,846	3,638	-49.3%	1,200	53.8%	154,207	11,592	1,230.3%
E-MINI EURO FX	202,467	133,692	51.4%	186,774	8.4%	1,910,593	1,437,820	32.9%
E-MINI JAPANESE YEN	12,508	5,184	141.3%	9,960	25.6%	144,164	106,465	35.4%
EURO FX	6,135,149	5,123,754	19.7%	4,687,285	30.9%	61,532,694	49,200,550	25.1%
HUNGARIAN FORINT (EC)	4	0	0.0%	0	0.0%	37	40	-7.5%
HUNGARIAN FORINT (US)	7	10	-30.0%	6	16.7%	55	187	-70.6%
INDIAN RUPEE	30,647	18,786	63.1%	33,326	-8.0%	334,048	179,815	85.8%
JAPANESE YEN	3,543,641	2,377,560	49.0%	3,038,454	16.6%	39,570,152	27,101,037	46.0%
KOREAN WON	194	1,471	-86.8%	336	-42.3%	5,704	21,722	-73.7%
MEXICAN PESO	1,804,021	1,150,833	56.8%	1,221,719	47.7%	15,338,350	13,312,948	15.2%
MICRO AUD/USD	267,914	317,005	-15.5%	271,953	-1.5%	3,184,143	2,698,006	18.0%

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

CME Exchange Volume Report - Monthly

	VOLUME DEC 2022	VOLUME DEC 2021	% CHG	VOIUME NOV 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
FX Futures								
MICRO CAD/USD	65,788	68,575	-4.1%	80,400	-18.2%	759,823	687,105	10.6%
MICRO CHF/USD	17,420	8,173	113.1%	15,839	10.0%	207,361	105,662	96.2%
MICRO EUR/USD	837,913	574,447	45.9%	873,666	-4.1%	9,634,442	5,958,190	61.7%
MICRO GBP/USD	100,832	109,113	-7.6%	126,339	-20.2%	1,480,028	1,025,415	44.3%
MICRO INR/USD	747	709	5.4%	764	-2.2%	8,554	18,981	-54.9%
MICRO JPY/USD	0	47,740	-100.0%	0	0.0%	101,719	480,037	-78.8%
MICRO USD/CNH	0	0	0.0%	0	0.0%	2	36	-94.4%
NEW ZEALND DOLLAR	662,394	549,990	20.4%	617,666	7.2%	7,878,897	7,032,914	12.0%
NKR/USD CROSS RATE	3,498	5,680	-38.4%	2,764	26.6%	42,627	65,392	-34.8%
POLISH ZLOTY (EC)	235	406	-42.1%	6	3,816.7%	1,464	1,846	-20.7%
POLISH ZLOTY (US)	2,070	2,229	-7.1%	2,389	-13.4%	20,039	12,274	63.3%
RMB USD	1	0	0.0%	0	0.0%	30	3	900.0%
RUSSIAN RUBLE	0	229,746	-100.0%	0	0.0%	587,309	1,517,159	-61.3%
S.AFRICAN RAND	91,440	96,552	-5.3%	70,391	29.9%	1,120,614	773,408	44.9%
SF/JY CROSS RATES	2,170	65	3,238.5%	1,528	42.0%	14,472	660	2,092.7%
SHEKEL	41	21	95.2%	6	583.3%	201	80	151.3%
SKR/USD CROSS RATES	13,937	6,264	122.5%	7,131	95.4%	97,553	69,750	39.9%
SWISS FRANC	460,387	516,083	-10.8%	452,450	1.8%	6,393,987	5,984,781	6.8%
TURKISH LIRA	63	175	-64.0%	49	28.6%	573	1,066	-46.2%
USDZAR	0	6	-100.0%	0	0.0%	31	1,285	-97.6%
FX Options								
AUD/USD MONDAY OPTION WEE	53	209	-74.6%	89	-40.4%	1,901	6,832	-72.2%
AUD/USD MONDAY OPTION WEE	91	489	-81.4%	43	111.6%	3,395	5,115	-33.6%
AUD/USD MONDAY OPTION WEE	174	95	83.2%	417	-58.3%	3,011	4,732	-36.4%
AUD/USD MONDAY OPTION WEE	9	451	-98.0%	346	-97.4%	3,589	4,975	-27.9%
AUD/USD MONDAY OPTION WEE	1	0	0.0%	0	0.0%	1,364	2,356	-42.1%
AUD/USD MONTHLY OPTIONS	41,461	72,795	-43.0%	64,616	-35.8%	941,258	1,023,942	-8.1%
AUD/USD WKLY FRIDAY OPTION	114	0	0.0%	896	-87.3%	6,490	7,231	-10.2%
AUD/USD WKLY FRIDAY OPTION	1,006	2,353	-57.2%	2,043	-50.8%	18,955	22,702	-16.5%
AUD/USD WKLY FRIDAY OPTION	1,019	2,753	-63.0%	1,242	-18.0%	23,797	32,929	-27.7%
AUD/USD WKLY FRIDAY OPTION	1,114	1,557	-28.5%	1,128	-1.2%	20,558	35,587	-42.2%
AUD/USD WKLY FRIDAY OPTION	604	883	-31.6%	252	139.7%	6,656	10,020	-33.6%
AUD/USD WKLY WED OPTIONS -	102	329	-69.0%	50	104.0%	6,513	14,507	-55.1%
AUD/USD WKLY WED OPTIONS -	280	177	58.2%	1,003	-72.1%	5,954	8,667	-31.3%
AUD/USD WKLY WED OPTIONS -	621	464	33.8%	33	1,781.8%	2,811	3,603	-22.0%
AUD/USD WKLY WED OPTIONS -	132	786	-83.2%	849	-84.5%	5,716	10,371	-44.9%
AUD/USD WKLY WED OPTIONS -	0	269	-100.0%	380	-100.0%	958	2,254	-57.5%
BRL/USD MONTHLY OPTIONS	42	1,068	-96.1%	233	-82.0%	3,318	5,056	-34.4%
CAD/USD MONDAY OPTIONS WE	207	1,276	-83.8%	1,819	-88.6%	4,544	11,615	-60.9%
CAD/USD MONDAY OPTIONS WE	1,188	1,570	-24.3%	796	49.2%	12,696	17,998	-29.5%
CAD/USD MONDAY OPTIONS WE	201	394	-49.0%	1,403	-85.7%	11,650	11,076	5.2%
CAD/USD MONDAY OPTIONS WE	9	379	-97.6%	190	-95.3%	7,216	23,272	-69.0%
CAD/USD MONDAY OPTIONS WE	746	3	24,766.7%	0	0.0%	3,521	4,374	-19.5%
CAD/USD MONTHLY OPTIONS	61,315	107,459	-42.9%	107,771	-43.1%	1,081,277	983,511	9.9%
CAD/USD WKLY FRIDAY OPTION	167	0	0.0%	3,298	-94.9%	16,988	27,536	-38.3%
CAD/USD WKLY FRIDAY OPTION	1,179	3,278	-64.0%	2,638	-55.3%	38,503	57,780	-33.4%
CAD/USD WKLY FRIDAY OPTION	2,700	5,714	-52.7%	4,012	-32.7%	62,011	90,313	-31.3%
CAD/USD WKLY FRIDAY OPTION	2,640	4,777	-44.7%	3,096	-14.7%	55,173	105,493	-47.7%
CAD/USD WKLY FRIDAY OPTION	2,627	5,265	-50.1%	6	43,683.3%	15,531	33,712	-53.9%

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

CME Exchange Volume Report - Monthly

	VOLUME DEC 2022	VOLUME DEC 2021	% CHG	VOIUME NOV 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
FX Options								
CAD/USD WKLY WED OPTIONS -	501	1,400	-64.2%	746	-32.8%	11,411	24,681	-53.8%
CAD/USD WKLY WED OPTIONS -	218	760	-71.3%	783	-72.2%	13,026	21,174	-38.5%
CAD/USD WKLY WED OPTIONS -	766	3,184	-75.9%	459	66.9%	15,792	31,020	-49.1%
CAD/USD WKLY WED OPTIONS -	395	1,942	-79.7%	810	-51.2%	17,019	29,228	-41.8%
CAD/USD WKLY WED OPTIONS -	0	655	-100.0%	1,038	-100.0%	5,512	10,190	-45.9%
CHF/USD MONTHLY OPTIONS	4,079	21,661	-81.2%	4,756	-14.2%	66,284	82,630	-19.8%
CHF/USD WKLY FRIDAY OPTION	5	0	0.0%	166	-97.0%	1,160	411	182.2%
CHF/USD WKLY FRIDAY OPTION	172	272	-36.8%	36	377.8%	1,109	3,655	-69.7%
CHF/USD WKLY FRIDAY OPTION	57	99	-42.4%	249	-77.1%	1,353	2,064	-34.4%
CHF/USD WKLY FRIDAY OPTION	59	382	-84.6%	162	-63.6%	1,458	3,190	-54.3%
CHF/USD WKLY FRIDAY OPTION	8	22	-63.6%	83	-90.4%	208	307	-32.2%
EUR/GBP MONTHLY OPTIONS	100	0	0.0%	0	0.0%	3,804	6	63,300.0%
EUR/GBP WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%	0	100	-100.0%
EURODOLLARS	6,843	0	-	3,332	105.4%	13,685	0	-
EUR/USD MONDAY OPTION WEE	411	2,307	-82.2%	1,033	-60.2%	20,698	24,524	-15.6%
EUR/USD MONDAY OPTION WEE	2,847	2,814	1.2%	3,017	-5.6%	32,901	26,452	24.4%
EUR/USD MONDAY OPTION WEE	3,206	823	289.6%	1,962	63.4%	15,591	17,576	-11.3%
EUR/USD MONDAY OPTION WEE	872	917	-4.9%	638	36.7%	31,818	34,405	-7.5%
EUR/USD MONDAY OPTION WEE	720	51	1,311.8%	0	0.0%	5,742	9,145	-37.2%
EUR/USD MONTHLY OPTIONS	296,130	153,855	92.5%	403,635	-26.6%	3,459,785	2,407,836	43.7%
EUR/USD WKLY FRIDAY OPTION	831	0	0.0%	13,466	-93.8%	68,379	50,664	35.0%
EUR/USD WKLY FRIDAY OPTION	16,967	18,614	-8.8%	8,794	92.9%	166,846	178,341	-6.4%
EUR/USD WKLY FRIDAY OPTION	25,878	22,259	16.3%	19,159	35.1%	210,052	258,168	-18.6%
EUR/USD WKLY FRIDAY OPTION	9,407	19,446	-51.6%	12,419	-24.3%	208,203	225,328	-7.6%
EUR/USD WKLY FRIDAY OPTION	7,642	11,185	-31.7%	9	84,811.1%	66,672	97,121	-31.4%
EUR/USD WKLY WED OPTIONS -	4,290	3,092	38.7%	3,254	31.8%	75,503	78,209	-3.5%
EUR/USD WKLY WED OPTIONS -	4,618	5,931	-22.1%	5,111	-9.6%	65,950	85,652	-23.0%
EUR/USD WKLY WED OPTIONS -	4,624	4,360	6.1%	5,963	-22.5%	64,345	82,592	-22.1%
EUR/USD WKLY WED OPTIONS -	2,911	2,734	6.5%	5,767	-49.5%	76,426	103,414	-26.1%
EUR/USD WKLY WED OPTIONS -	0	2,023	-100.0%	3,037	-100.0%	24,484	27,415	-10.7%
GBP/USD MONDAY OPTION WEE	703	2,581	-72.8%	688	2.2%	6,680	8,020	-16.7%
GBP/USD MONDAY OPTION WEE	754	990	-23.8%	451	67.2%	11,917	8,967	32.9%
GBP/USD MONDAY OPTION WEE	997	250	298.8%	643	55.1%	4,823	6,229	-22.6%
GBP/USD MONDAY OPTION WEE	509	130	291.5%	483	5.4%	6,701	10,718	-37.5%
GBP/USD MONDAY OPTION WEE	418	0	0.0%	0	0.0%	3,739	3,038	23.1%
GBP/USD MONTHLY OPTIONS	62,936	58,829	7.0%	73,703	-14.6%	994,954	875,040	13.7%
GBP/USD WKLY FRIDAY OPTION	633	0	0.0%	1,615	-60.8%	11,381	12,507	-9.0%
GBP/USD WKLY FRIDAY OPTION	1,793	1,977	-9.3%	3,471	-48.3%	31,027	35,033	-11.4%
GBP/USD WKLY FRIDAY OPTION	3,573	2,559	39.6%	7,043	-49.3%	43,923	38,632	13.7%
GBP/USD WKLY FRIDAY OPTION	2,826	3,388	-16.6%	2,378	18.8%	36,015	45,014	-20.0%
GBP/USD WKLY FRIDAY OPTION	3,168	2,544	24.5%	492	543.9%	14,337	14,104	1.7%
GBP/USD WKLY WED OPTIONS -	1,927	1,669	15.5%	661	191.5%	16,016	15,158	5.7%
GBP/USD WKLY WED OPTIONS -	1,054	145	626.9%	509	107.1%	6,395	8,711	-26.6%
GBP/USD WKLY WED OPTIONS -	1,193	2,367	-49.6%	1,054	13.2%	12,606	11,794	6.9%
GBP/USD WKLY WED OPTIONS -	1,853	1,322	40.2%	803	130.8%	15,044	17,575	-14.4%
GBP/USD WKLY WED OPTIONS -	0	582	-100.0%	650	-100.0%	1,320	3,173	-58.4%
JPY/USD MONDAY OPTION WEE	329	169	94.7%	88	273.9%	7,111	4,642	53.2%
JPY/USD MONDAY OPTION WEE	161	1,452	-88.9%	1,563	-89.7%	10,039	7,599	32.1%
JPY/USD MONDAY OPTION WEE	175	40	337.5%	109	60.6%	3,260	4,140	-21.3%
JPY/USD MONDAY OPTION WEE	57	91	-37.4%	289	-80.3%	16,101	5,010	221.4%
JPY/USD MONDAY OPTION WEE	16	3	433.3%	0	0.0%	983	2,900	-66.1%

CME Exchange Volume Report - Monthly

	VOLUME DEC 2022	VOLUME DEC 2021	% CHG	VOIUME NOV 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
FX Options								
JPY/USD MONTHLY OPTIONS	73,449	116,215	-36.8%	81,572	-10.0%	1,637,503	1,089,099	50.4%
JPY/USD WKLY FRIDAY OPTION	831	0	0.0%	6,206	-86.6%	39,875	28,897	38.0%
JPY/USD WKLY FRIDAY OPTION	2,498	15,475	-83.9%	6,686	-62.6%	91,454	85,813	6.6%
JPY/USD WKLY FRIDAY OPTION	9,032	7,984	13.1%	11,494	-21.4%	139,140	120,853	15.1%
JPY/USD WKLY FRIDAY OPTION	6,142	8,378	-26.7%	3,909	57.1%	123,886	109,655	13.0%
JPY/USD WKLY FRIDAY OPTION	2,562	5,525	-53.6%	21	12,100.0%	41,344	42,522	-2.8%
JPY/USD WKLY WED OPTIONS -	7,824	2,634	197.0%	1,728	352.8%	50,147	36,929	35.8%
JPY/USD WKLY WED OPTIONS -	5,113	4,587	11.5%	3,165	61.5%	45,582	47,994	-5.0%
JPY/USD WKLY WED OPTIONS -	4,065	4,928	-17.5%	2,992	35.9%	39,425	46,867	-15.9%
JPY/USD WKLY WED OPTIONS -	2,044	3,139	-34.9%	2,101	-2.7%	50,792	42,073	20.7%
JPY/USD WKLY WED OPTIONS -	0	2,625	-100.0%	3,561	-100.0%	15,566	12,504	24.5%
MXN/USD MONTHLY OPTIONS	91	20,350	-99.6%	954	-90.5%	16,910	35,904	-52.9%
MXN/USD WKLY FRIDAY OPTION	0	0	0.0%	0	-	0	0	0.0%
MXN/USD WKLY FRIDAY OPTION	0	0	0.0%	0	0.0%	17	904	-98.1%
MXN/USD WKLY FRIDAY OPTION	0	0	0.0%	100	-100.0%	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	7,004	13	53,776.9%	4	175,000.0%	30,740	2,661	1,055.2%
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%
ZAR/USD MONTHLY OPTIONS	50	0	-	0	-	50	0	-
Foreign Exchange Futures								
CHILEAN PESO	0	0	-	0	0.0%	24	0	-
Foreign Exchange Options								
AUD/USD WKLY WED OPTIONS -	8	6	33.3%	63	-87.3%	3,418	5,109	-33.1%
OTC AUDUSD SUB	712	0	-	0	-	712	0	-
OTC EURUSD SUB	974	0	-	0	-	974	0	-
OTC GBPUSD SUB	778	0	-	0	-	778	0	-
OTC USDCAD SUB	24	0	-	0	-	24	0	-
OTC USDJPY SUB	155	0	-	0	-	155	0	-



CME Exchange Volume Report - Monthly

	VOLUME DEC 2022	VOLUME DEC 2021	% CHG	VOIUME NOV 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
Ag Products Futures								
BLOCK CHEESE	238	857	-72.2%	189	25.9%	3,845	8,987	-57.2%
BUTTER CS	3,823	7,212	-47.0%	3,775	1.3%	50,317	52,208	-3.6%
CASH-SETTLED CHEESE	12,855	9,628	33.5%	9,198	39.8%	120,822	142,438	-15.2%
CAT ASIA WEATHER	0	0	0.0%	0	0.0%	0	1,200	-100.0%
CATTLE	895,754	955,280	-6.2%	1,213,876	-26.2%	14,151,387	13,943,086	1.5%
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%
CLASS IV MILK	1,497	5,264	-71.6%	1,444	3.7%	28,903	23,260	24.3%
DRY WHEY	1,779	1,537	15.7%	669	165.9%	12,512	22,952	-45.5%
FEEDER CATTLE	254,055	237,760	6.9%	279,193	-9.0%	3,359,554	3,067,931	9.5%
GOLDMAN SACHS	2,701	3,499	-22.8%	2,996	-9.8%	45,110	96,610	-53.3%
GSCI EXCESS RETURN FUT	100,260	117,324	-14.5%	528	18,888.6%	506,294	495,114	2.3%
HDD EURO SEASONAL STRIP	0	0	0.0%	0	0.0%	3,375	0	0.0%
HDD SEASONAL STRIP	0	0	0.0%	0	0.0%	3,900	500	680.0%
HDD WEATHER	17,500	5,625	211.1%	4,875	259.0%	39,400	29,575	33.2%
HDD WEATHER EUROPEAN	1,100	500	120.0%	500	120.0%	9,425	11,850	-20.5%
HOGS	802,222	752,654	6.6%	948,713	-15.4%	11,408,559	11,411,698	0.0%
HOUSING INDEX	12	14	-14.3%	17	-29.4%	185	166	11.4%
LUMBER	13,115	9,801	33.8%	8,409	56.0%	111,740	116,077	-3.7%
MALAYSIAN PALM SWAP	0	240	-100.0%	0	0.0%	0	90,186	-100.0%
MILK	27,903	31,501	-11.4%	26,407	5.7%	341,229	309,120	10.4%
MLK MID OPTIONS	0	0	0.0%	0	0.0%	0	0	0.0%
NFD MILK	4,243	5,917	-28.3%	4,899	-13.4%	66,666	67,109	-0.7%
PACIFIC RIM DAT SS WTHR	0	0	0.0%	0	0.0%	0	1,000	-100.0%
PORK CUTOUT	1,275	2,172	-41.3%	1,489	-14.4%	24,136	28,554	-15.5%
S&P GSCI ENHANCED ER SWAP	0	2,002	-100.0%	0	0.0%	0	8,008	-100.0%
USD CRUDE PALM OIL	15,802	17,780	-11.1%	15,935	-0.8%	251,301	123,250	103.9%

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



CME Exchange Volume Report - Monthly

	VOLUME DEC 2022	VOLUME DEC 2021	% CHG	VOIUME NOV 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
Ag Products Options								
BLOCK CHEESE	124	40	210.0%	0	0.0%	2,639	3,169	-16.7%
BUTTER CS	2,201	3,495	-37.0%	2,225	-1.1%	20,391	25,410	-19.8%
CASH-SETTLED CHEESE	3,802	7,031	-45.9%	4,946	-23.1%	80,292	76,619	4.8%
CATTLE	240,896	167,579	43.8%	210,304	14.5%	2,595,920	2,301,386	12.8%
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%
CLASS IV MILK	4,988	10,016	-50.2%	8,096	-38.4%	87,701	57,401	52.8%
DRY WHEY	50	20	150.0%	0	0.0%	3,284	2,003	64.0%
FEEDER CATTLE	28,377	24,247	17.0%	29,902	-5.1%	420,603	267,836	57.0%
HDD EURO SEASONAL STRIP	0	0	0.0%	0	0.0%	6,750	2,000	237.5%
HDD SEASONAL STRIP	0	0	0.0%	0	0.0%	4,000	28,920	-86.2%
HDD WEATHER	6,000	0	0.0%	100	5,900.0%	18,900	7,250	160.7%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0.0%	2,000	24,250	-91.8%
HOGS	219,714	180,843	21.5%	183,582	19.7%	2,717,373	2,416,561	12.4%
HOUSING INDEX	0	0	0.0%	0	-	0	0	0.0%
LUMBER	108	689	-84.3%	206	-47.6%	4,424	8,337	-46.9%
LV CATL CSO	0	0	0.0%	0	-	0	0	0.0%
MILK	21,136	38,913	-45.7%	36,026	-41.3%	295,901	325,271	-9.0%
MLK MID OPTIONS	1	4	-75.0%	1	0.0%	47	32	46.9%
NFD MILK	2,808	3,631	-22.7%	4,043	-30.5%	51,536	47,259	9.1%
PORK CUTOUT	0	0	0.0%	10	-100.0%	45	750	-94.0%

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



CME Exchange Volume Report - Monthly

	VOLUME DEC 2022	VOLUME DEC 2021	% CHG	VOIUME NOV 2022	% CHG	VOLUME Y.T.D 2022	VOLUME Y.T.D 2021	% CHG
TOTAL FUTURES GROUP								
Interest Rate Futures	50,948,393	49,712,803	2.5%	64,147,919	-20.6%	836,688,598	651,166,247	28.5%
Equity Index Futures	114,562,316	118,893,482	-3.6%	111,666,868	2.6%	1,517,189,439	1,119,882,046	35.5%
FX Futures	21,241,157	18,473,814	15.0%	18,569,900	14.4%	237,109,603	191,924,921	23.5%
Foreign Exchange Futures	0	0	-	0	0.0%	24	0	-
Ag Products Futures	2,156,134	2,166,567	-0.5%	2,523,112	-14.5%	30,569,710	30,066,979	1.7%
TOTAL FUTURES	188,908,000	189,246,666	-0.2%	196,907,799	-4.1%	2,621,557,374	1,993,040,193	31.5%
TOTAL OPTIONS GROUP								
Equity Index Options	24,674,110	22,987,501	7.3%	26,198,629	-5.8%	304,836,134	190,335,986	60.2%
Interest Rate Options	25,898,185	20,835,481	24.3%	30,684,749	-15.6%	319,520,352	266,957,096	19.7%
FX Options	720,139	768,522	-6.3%	919,719	-21.7%	10,687,473	9,325,054	14.6%
Ag Products Options	530,205	436,508	21.5%	479,441	10.6%	6,333,406	5,609,154	12.9%
Foreign Exchange Options	2,651	6	44,083.3%	63	4,107.9%	6,061	5,109	18.6%
TOTAL OPTIONS	51,825,290	45,028,018	15.1%	58,282,601	-11.1%	641,383,426	472,232,399	35.8%
TOTAL COMBINED								
Interest Rate	76,846,578	70,548,284	8.9%	94,832,668	-19.0%	1,156,208,950	918,123,343	25.9%
Equity Index	139,236,426	141,880,983	-1.9%	137,865,497	1.0%	1,822,025,573	1,310,218,032	39.1%
FX	21,961,296	19,242,336	14.1%	19,489,619	12.7%	247,797,076	201,249,975	23.1%
Foreign Exchange	2,651	6	44,083.3%	63	4,107.9%	6,085	5,109	19.1%
Ag Products	2,686,339	2,603,075	3.2%	3,002,553	-10.5%	36,903,116	35,676,133	3.4%
GRAND TOTAL	240,733,290	234,274,684	2.8%	255,190,400	-5.7%	3,262,940,800	2,465,272,592	32.4%

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