

CME Exchange Volume Report - Monthly

	VOLUME MAR 2023	VOLUME MAR 2022	% CHG	VOLUME FEB 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Interest Rate Futures								
1-MONTH EURODOLLAR	0	34,022	-100.0%	6	-100.0%	6	58,422	-100.0%
BSBY 3-MONTH FUTURES	9,141	62,443	-85.4%	7,594	20.4%	19,971	297,155	-93.3%
ESTR Basis Spread Futures	1,458	0	-	1,568	-7.0%	4,566	0	-
ESTR Futures	31,714	0	-	44,206	-28.3%	102,344	0	-
EURODOLLARS	10,045,428	59,324,633	-83.1%	7,672,329	30.9%	26,244,377	169,118,548	-84.5%
FTIIE	334	113	195.6%	273	22.3%	747	433	72.5%
SOFR	118,656,278	36,802,339	222.4%	71,555,274	65.8%	242,287,538	74,374,609	225.8%
SONIA	76	44	72.7%	1,192	-93.6%	1,310	1,034	26.7%
Interest Rate Options								
EURODOLLARS	2,120,119	19,450,002	-89.1%	3,057,981	-30.7%	7,903,854	55,326,945	-85.7%
EURO MIDCURVE	75,193	14,365,519	-99.5%	213,195	-64.7%	564,821	36,993,548	-98.5%
SOFR	57,891,692	547,881	10,466.5%	35,623,489	62.5%	123,465,528	1,421,356	8,586.5%
SOFR MIDCURVE	9,807,006	561,847	1,645.5%	10,411,461	-5.8%	27,112,083	996,333	2,621.2%
SOFR MISCURVE	0	0	-	0	0.0%	700	0	-

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Equity Index Futures								
BITCOIN	276,542	183,131	51.0%	212,361	30.2%	687,237	545,980	25.9%
E-mini FTSE China 50	0	1,890	-100.0%	0	0.0%	44	3,384	-98.7%
E-MINI MIDCAP	484,297	483,893	0.1%	215,527	124.7%	926,719	1,144,520	-19.0%
E-MINI NASDAQ 100	17,972,459	15,198,331	18.3%	12,247,481	46.7%	42,563,308	45,495,369	-6.4%
E-MINI RUSSELL 1000	20,871	28,366	-26.4%	822	2,439.1%	35,104	34,217	2.6%
E-MINI RUSSELL 1000 GROWTH	14,585	19,092	-23.6%	3,221	352.8%	19,672	36,081	-45.5%
E-MINI RUSSELL 1000 VALUE	33,223	64,328	-48.4%	7,995	315.5%	48,646	85,946	-43.4%
E-MINI RUSSELL 2000	7,201,260	6,047,350	19.1%	3,790,546	90.0%	14,764,114	16,524,483	-10.7%
E-MINI S&P500	55,678,091	43,315,813	28.5%	36,593,360	52.2%	126,348,593	121,697,743	3.8%
E-MINI S&P500 ESG	49,728	55,464	-10.3%	12,282	304.9%	76,645	136,309	-43.8%
ETHER	0	0	-	0	0.0%	0	0	-
ETHER FUTURES	134,142	91,980	45.8%	123,928	8.2%	366,366	320,820	14.2%
FT-SE 100	0	673	-100.0%	145	-100.0%	145	892	-83.7%
FTSE Emerging	0	0	0.0%	0	-	0	0	0.0%
IBOVESPA INDEX	12	39	-69.2%	81	-85.2%	114	134	-14.9%
MICRO BITCOIN	271,333	394,261	-31.2%	202,079	34.3%	617,039	1,227,592	-49.7%
MICRO E-MINI NASDAQ 100	27,056,218	31,219,379	-13.3%	21,539,368	25.6%	71,662,668	99,429,440	-27.9%
MICRO E-MINI RUSSELL 2000	2,263,838	2,813,163	-19.5%	1,506,637	50.3%	5,470,066	10,960,204	-50.1%
MICRO E-MINI S&P500	30,385,024	28,968,667	4.9%	23,234,103	30.8%	79,986,758	84,722,329	-5.6%
MICRO ETHER	199,010	373,317	-46.7%	208,361	-4.5%	619,541	1,182,821	-47.6%
NASDAQ-100 VOLATILITY	18	2,089	-99.1%	498	-96.4%	3,192	12,146	-73.7%
NASDAQ BIOTECH SECTOR	223	213	4.7%	369	-39.6%	796	413	92.7%
Nearby BTIC+	0	350	-100.0%	0	0.0%	0	750	-100.0%
NIKKEI 225 (\$) STOCK	142,666	151,202	-5.6%	73,499	94.1%	310,112	425,545	-27.1%
NIKKEI 225 (YEN) STOCK	777,576	1,100,963	-29.4%	462,700	68.1%	1,799,332	2,812,086	-36.0%
PHLX SEMICONDUCTOR SECTO	546	0	-	216	152.8%	917	0	-
S&P 500	174,608	153,609	13.7%	106,138	64.5%	353,615	306,794	15.3%
S&P 500 ANNUAL DIVIDEND IND	121,023	134,254	-9.9%	56,509	114.2%	245,332	297,694	-17.6%
S&P 500 QUARLY DIVIDEND IND	27,235	6,426	323.8%	16,480	65.3%	58,053	16,122	260.1%
S&P BIOTECHNOLOGY SECTOR	2,107	0	-	417	405.3%	2,851	0	-
S&P COMMUNICATION SERVICE	8,690	6,887	26.2%	3,153	175.6%	13,416	11,580	15.9%
S&P CONSUMER DISCRETIONAF	18,857	21,840	-13.7%	6,125	207.9%	29,906	42,509	-29.6%
S&P CONSUMER STAPLES SECT	52,108	40,200	29.6%	23,605	120.7%	104,643	81,002	29.2%
S&P ENERGY SECTOR	98,127	151,866	-35.4%	23,271	321.7%	143,454	232,472	-38.3%
S&P FINANCIAL SECTOR	148,519	97,909	51.7%	23,768	524.9%	185,580	146,455	26.7%
S&P HEALTH CARE SECTOR	64,975	57,527	12.9%	15,457	320.4%	88,652	88,924	-0.3%
S&P INDUSTRIAL SECTOR	60,934	47,989	27.0%	10,463	482.4%	89,856	94,098	-4.5%
S&P MATERIALS SECTOR	23,417	24,692	-5.2%	8,588	172.7%	37,185	57,375	-35.2%
S&P OIL & GAS EXPLORATION A	562	0	-	106	430.2%	805	0	-
S&P REAL ESTATE SECTOR	20,547	18,059	13.8%	11,193	83.6%	42,334	30,652	38.1%
S&P REGIONAL BANKS SECTOR	1,922	0	-	175	998.3%	2,299	0	-
S&P RETAIL SECTOR	310	0	-	926	-66.5%	1,365	0	-
S&P TECHNOLOGY SECTOR	45,693	39,461	15.8%	10,571	332.2%	66,655	96,062	-30.6%
S&P UTILITIES SECTOR	107,255	71,136	50.8%	31,961	235.6%	162,477	121,952	33.2%
S&P VALUE INDEX FUTURES	0	0	0.0%	0	-	0	0	0.0%
TOPIX (USD)	139	0	-	0	0.0%	139	0	-
TOPIX (YEN)	509	4,616	-89.0%	166	206.6%	909	12,412	-92.7%
WATER INDEX FUTURES	17	111	-84.7%	16	6.3%	70	391	-82.1%

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Equity Index Options								
BITCOIN OPTIONS	12,763	2,223	474.1%	5,330	139.5%	26,545	6,358	317.5%
E-MINI NASDAQ 100	1,371,565	814,866	68.3%	1,065,588	28.7%	3,291,198	2,461,999	33.7%
E-MINI RUSSELL 2000	171,421	145,487	17.8%	111,241	54.1%	378,364	501,660	-24.6%
E-MINI S&P500	31,869,471	22,894,320	39.2%	23,460,951	35.8%	78,293,674	70,314,934	11.3%
EOM S&P 500	0	0	0.0%	0	-	0	0	0.0%
ETHER OPTIONS	1,080	0	-	1,266	-14.7%	3,217	0	-
EVENT CONTRACT S&P 500	1,739	0	-	0	-	1,739	0	-
MICRO BITCOIN	11,414	117	9,655.6%	4,758	139.9%	29,452	117	25,072.6%
MICRO E-MINI NASDAQ 100	60,539	63,099	-4.1%	56,249	7.6%	170,689	210,429	-18.9%
Micro E-mini S&P 500	285,957	244,116	17.1%	283,673	0.8%	850,939	856,402	-0.6%
MICRO ETHER	15,453	20,100	-23.1%	12,008	28.7%	30,590	20,100	52.2%
S&P 500	0	0	0.0%	0	-	0	0	0.0%
FX Futures								
AD/CD CROSS RATES	99	72	37.5%	13	661.5%	151	118	28.0%
AD/JY CROSS RATES	3,939	8,484	-53.6%	1,277	208.5%	6,444	16,766	-61.6%
AD/NE CROSS RATES	4,240	5,629	-24.7%	1,308	224.2%	8,175	6,914	18.2%
AUSTRALIAN DOLLAR	2,764,914	2,267,582	21.9%	1,750,691	57.9%	6,236,573	5,965,220	4.5%
BP/JY CROSS RATES	8,385	8,511	-1.5%	2,146	290.7%	13,567	14,719	-7.8%
BP/SF CROSS RATES	5,171	2,556	102.3%	2,308	124.0%	10,403	6,859	51.7%
BRAZIL REAL	292,233	355,597	-17.8%	304,616	-4.1%	897,015	1,030,475	-13.0%
BRITISH POUND	3,131,760	2,952,302	6.1%	1,826,646	71.4%	6,678,256	7,033,476	-5.1%
CANADIAN DOLLAR	2,602,479	2,109,223	23.4%	1,533,267	69.7%	5,538,184	5,168,579	7.2%
CD/JY CROSS RATES	1	34	-97.1%	2	-50.0%	6	578	-99.0%
CHINESE RENMINBI (CNH)	35,657	30,790	15.8%	30,599	16.5%	87,605	58,029	51.0%
CZECK KORUNA (EC)	2	8	-75.0%	0	0.0%	4	11	-63.6%
CZECK KORUNA (US)	11	5	120.0%	50	-78.0%	217	10	2,070.0%
EC/AD CROSS RATES	12,182	11,197	8.8%	1,313	827.8%	15,473	17,385	-11.0%
EC/CD CROSS RATES	16,833	19,859	-15.2%	1,705	887.3%	22,013	27,543	-20.1%
EC/NOK CROSS RATES	5,984	3,186	87.8%	1,411	324.1%	8,714	4,267	104.2%
EC/SEK CROSS RATES	14,333	6,145	133.2%	2,533	465.9%	19,079	8,395	127.3%
EFX/BP CROSS RATES	129,438	200,716	-35.5%	33,778	283.2%	193,902	314,747	-38.4%
EFX/JY CROSS RATES	104,214	140,945	-26.1%	28,748	262.5%	160,379	238,622	-32.8%
EFX/SF CROSS RATES	64,185	94,011	-31.7%	8,557	650.1%	87,354	155,293	-43.7%
E-MICRO USD/CAD	200	562	-64.4%	120	66.7%	594	1,179	-49.6%
E-MICRO USD/CHF	218	141	54.6%	46	373.9%	505	240	110.4%
E-MICRO USD/JPY	1,588	7,681	-79.3%	503	215.7%	3,924	12,125	-67.6%
E-MINI EURO FX	180,148	182,770	-1.4%	128,683	40.0%	458,536	417,446	9.8%
E-MINI JAPANESE YEN	12,216	9,160	33.4%	11,965	2.1%	36,890	20,333	81.4%
EURO FX	7,343,077	6,946,713	5.7%	3,994,629	83.8%	15,282,274	14,363,584	6.4%
HUNGARIAN FORINT (EC)	6	18	-66.7%	6	0.0%	13	30	-56.7%
HUNGARIAN FORINT (US)	25	4	525.0%	12	108.3%	46	27	70.4%
INDIAN RUPEE	27,630	22,458	23.0%	32,815	-15.8%	108,809	58,864	84.8%
JAPANESE YEN	4,646,555	3,418,783	35.9%	2,654,991	75.0%	10,264,678	7,736,845	32.7%
KOREAN WON	1,590	753	111.2%	173	819.1%	1,984	2,582	-23.2%
MEXICAN PESO	2,426,463	1,430,959	69.6%	927,035	161.7%	4,219,233	3,204,787	31.7%
MICRO AUD/USD	323,759	250,331	29.3%	277,589	16.6%	907,424	783,404	15.8%
MICRO CAD/USD	73,924	48,204	53.4%	61,896	19.4%	200,969	165,101	21.7%
MICRO CHF/USD	16,178	14,336	12.8%	14,349	12.7%	50,487	32,737	54.2%

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FX Futures								
MICRO EUR/USD	807,442	791,861	2.0%	629,987	28.2%	2,209,459	2,086,880	5.9%
MICRO GBP/USD	78,454	89,348	-12.2%	73,976	6.1%	230,301	249,045	-7.5%
MICRO INR/USD	592	904	-34.5%	558	6.1%	1,892	2,574	-26.5%
MICRO JPY/USD	0	12,799	-100.0%	0	0.0%	0	101,719	-100.0%
MICRO USD/CNH	0	1	-100.0%	0	0.0%	0	2	-100.0%
NEW ZEALND DOLLAR	832,135	699,460	19.0%	563,777	47.6%	1,903,516	1,745,490	9.1%
NKR/USD CROSS RATE	9,035	5,292	70.7%	3,162	185.7%	14,753	11,450	28.8%
POLISH ZLOTY (EC)	194	454	-57.3%	26	646.2%	240	552	-56.5%
POLISH ZLOTY (US)	2,014	3,739	-46.1%	579	247.8%	3,478	5,833	-40.4%
RMB USD	0	3	-100.0%	0	0.0%	5	4	25.0%
RUSSIAN RUBLE	0	12,997	-100.0%	0	0.0%	0	584,169	-100.0%
S.AFRICAN RAND	118,726	129,102	-8.0%	61,799	92.1%	234,315	286,564	-18.2%
SF/JY CROSS RATES	2,208	1,274	73.3%	439	403.0%	2,925	1,363	114.6%
SHEKEL	172	5	3,340.0%	70	145.7%	254	39	551.3%
SKR/USD CROSS RATES	7,671	13,084	-41.4%	4,537	69.1%	16,454	26,166	-37.1%
SWISS FRANC	616,181	647,810	-4.9%	342,926	79.7%	1,350,252	1,489,842	-9.4%
TURKISH LIRA	131	112	17.0%	0	0.0%	131	128	2.3%
USDZAR	57	0	0.0%	40	42.5%	97	27	259.3%
FX Options								
AUD/USD MONDAY OPTION WEE	303	489	-38.0%	62	388.7%	391	1,364	-71.3%
AUD/USD MONDAY OPTION WEE	1,351	126	972.2%	151	794.7%	1,922	2,246	-14.4%
AUD/USD MONDAY OPTION WEE	862	471	83.0%	8	10,675.0%	870	890	-2.2%
AUD/USD MONDAY OPTION WEE	148	113	31.0%	31	377.4%	942	793	18.8%
AUD/USD MONDAY OPTION WEE	0	0	0.0%	0	0.0%	315	779	-59.6%
AUD/USD MONTHLY OPTIONS	84,886	64,616	31.4%	38,283	121.7%	156,832	314,362	-50.1%
AUD/USD WKLY FRIDAY OPTION	0	1,750	-100.0%	0	0.0%	0	1,750	-100.0%
AUD/USD WKLY FRIDAY OPTION	2,739	1,242	120.5%	3,043	-10.0%	6,896	7,046	-2.1%
AUD/USD WKLY FRIDAY OPTION	2,001	2,001	0.0%	1,532	30.6%	6,321	9,107	-30.6%
AUD/USD WKLY FRIDAY OPTION	2,109	1,255	68.0%	1,024	106.0%	5,466	6,331	-13.7%
AUD/USD WKLY FRIDAY OPTION	949	579	63.9%	318	198.4%	1,267	579	118.8%
AUD/USD WKLY WED OPTIONS -	122	1,267	-90.4%	224	-45.5%	499	3,140	-84.1%
AUD/USD WKLY WED OPTIONS -	196	451	-56.5%	99	98.0%	545	2,086	-73.9%
AUD/USD WKLY WED OPTIONS -	47	259	-81.9%	81	-42.0%	311	874	-64.4%
AUD/USD WKLY WED OPTIONS -	199	78	155.1%	259	-23.2%	1,121	1,261	-11.1%
AUD/USD WKLY WED OPTIONS -	310	211	46.9%	0	0.0%	310	211	46.9%
BRL/USD MONTHLY OPTIONS	0	293	-100.0%	1	-100.0%	5	1,597	-99.7%
CAD/USD MONDAY OPTIONS WE	1,787	301	493.7%	642	178.3%	2,554	600	325.7%
CAD/USD MONDAY OPTIONS WE	2,488	1,892	31.5%	1,936	28.5%	5,273	4,505	17.0%
CAD/USD MONDAY OPTIONS WE	3,493	552	532.8%	8	43,562.5%	3,501	575	508.9%
CAD/USD MONDAY OPTIONS WE	1,064	508	109.4%	665	60.0%	2,741	2,969	-7.7%
CAD/USD MONDAY OPTIONS WE	0	0	0.0%	0	0.0%	247	1,256	-80.3%
CAD/USD MONTHLY OPTIONS	117,738	109,151	7.9%	53,844	118.7%	246,206	268,058	-8.2%
CAD/USD WKLY FRIDAY OPTION	0	5,994	-100.0%	0	0.0%	0	5,994	-100.0%
CAD/USD WKLY FRIDAY OPTION	2,916	1,200	143.0%	3,790	-23.1%	10,351	15,335	-32.5%
CAD/USD WKLY FRIDAY OPTION	2,989	5,119	-41.6%	3,077	-2.9%	8,505	17,525	-51.5%
CAD/USD WKLY FRIDAY OPTION	5,184	5,258	-1.4%	2,452	111.4%	11,228	16,050	-30.0%
CAD/USD WKLY FRIDAY OPTION	4,727	652	625.0%	346	1,266.2%	5,073	652	678.1%
CAD/USD WKLY WED OPTIONS -	950	644	47.5%	216	339.8%	2,584	3,190	-19.0%
CAD/USD WKLY WED OPTIONS -	982	206	376.7%	473	107.6%	2,175	4,028	-46.0%

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FX Options								
CAD/USD WKLY WED OPTIONS -	1,053	520	102.5%	2,593	-59.4%	4,315	3,932	9.7%
CAD/USD WKLY WED OPTIONS -	2,762	3,128	-11.7%	303	811.6%	5,348	6,542	-18.3%
CAD/USD WKLY WED OPTIONS -	889	2,938	-69.7%	0	0.0%	889	2,938	-69.7%
CHF/USD MONTHLY OPTIONS	7,961	3,954	101.3%	3,862	106.1%	18,047	19,125	-5.6%
CHF/USD WKLY FRIDAY OPTION	0	520	-100.0%	0	0.0%	0	520	-100.0%
CHF/USD WKLY FRIDAY OPTION	506	29	1,644.8%	202	150.5%	814	631	29.0%
CHF/USD WKLY FRIDAY OPTION	91	40	127.5%	183	-50.3%	465	363	28.1%
CHF/USD WKLY FRIDAY OPTION	1,452	34	4,170.6%	2,206	-34.2%	4,295	713	502.4%
CHF/USD WKLY FRIDAY OPTION	336	0	0.0%	6	5,500.0%	342	0	0.0%
EUR/GBP MONTHLY OPTIONS	0	1,750	-100.0%	0	0.0%	0	1,954	-100.0%
EUR/GBP WKLY FRIDAY OPTION	0	0	0.0%	0	-	0	0	0.0%
EURODOLLARS	3,149	0	-	4,184	-24.7%	10,789	0	-
EUR/USD MONDAY OPTION WEE	1,874	4,544	-58.8%	4,070	-54.0%	6,944	6,963	-0.3%
EUR/USD MONDAY OPTION WEE	2,136	3,711	-42.4%	1,582	35.0%	6,107	13,638	-55.2%
EUR/USD MONDAY OPTION WEE	3,369	989	240.6%	1,381	144.0%	4,750	2,678	77.4%
EUR/USD MONDAY OPTION WEE	2,398	3,523	-31.9%	3,079	-22.1%	6,619	8,651	-23.5%
EUR/USD MONDAY OPTION WEE	0	0	0.0%	0	0.0%	955	2,856	-66.6%
EUR/USD MONTHLY OPTIONS	433,529	233,893	85.4%	284,582	52.3%	919,979	718,884	28.0%
EUR/USD WKLY FRIDAY OPTION	0	25,097	-100.0%	0	0.0%	0	25,097	-100.0%
EUR/USD WKLY FRIDAY OPTION	23,423	11,708	100.1%	16,378	43.0%	62,680	65,996	-5.0%
EUR/USD WKLY FRIDAY OPTION	22,710	18,634	21.9%	36,144	-37.2%	79,015	52,673	50.0%
EUR/USD WKLY FRIDAY OPTION	112,646	22,269	405.8%	13,856	713.0%	137,644	76,238	80.5%
EUR/USD WKLY FRIDAY OPTION	8,024	2,296	249.5%	241	3,229.5%	8,265	2,296	260.0%
EUR/USD WKLY WED OPTIONS -	4,424	7,255	-39.0%	3,646	21.3%	10,969	21,654	-49.3%
EUR/USD WKLY WED OPTIONS -	7,339	8,131	-9.7%	8,459	-13.2%	20,872	17,647	18.3%
EUR/USD WKLY WED OPTIONS -	4,608	6,544	-29.6%	8,384	-45.0%	16,422	18,143	-9.5%
EUR/USD WKLY WED OPTIONS -	3,713	7,665	-51.6%	5,769	-35.6%	13,000	18,411	-29.4%
EUR/USD WKLY WED OPTIONS -	6,668	6,363	4.8%	0	0.0%	6,668	6,363	4.8%
GBP/USD MONDAY OPTION WEE	726	615	18.0%	1,138	-36.2%	2,843	1,894	50.1%
GBP/USD MONDAY OPTION WEE	440	2	21,900.0%	1,511	-70.9%	3,709	2,738	35.5%
GBP/USD MONDAY OPTION WEE	727	141	415.6%	818	-11.1%	1,545	489	216.0%
GBP/USD MONDAY OPTION WEE	226	665	-66.0%	195	15.9%	658	2,444	-73.1%
GBP/USD MONDAY OPTION WEE	0	0	0.0%	0	0.0%	400	361	10.8%
GBP/USD MONTHLY OPTIONS	64,700	57,800	11.9%	63,051	2.6%	194,093	196,131	-1.0%
GBP/USD WKLY FRIDAY OPTION	0	3,398	-100.0%	0	0.0%	0	3,398	-100.0%
GBP/USD WKLY FRIDAY OPTION	2,914	477	510.9%	3,856	-24.4%	10,055	7,273	38.3%
GBP/USD WKLY FRIDAY OPTION	2,425	2,698	-10.1%	4,303	-43.6%	8,513	13,493	-36.9%
GBP/USD WKLY FRIDAY OPTION	1,633	5,073	-67.8%	2,067	-21.0%	5,252	11,315	-53.6%
GBP/USD WKLY FRIDAY OPTION	2,287	1,478	54.7%	638	258.5%	2,925	1,478	97.9%
GBP/USD WKLY WED OPTIONS -	924	592	56.1%	205	350.7%	1,620	5,236	-69.1%
GBP/USD WKLY WED OPTIONS -	568	59	862.7%	2,393	-76.3%	5,133	1,986	158.5%
GBP/USD WKLY WED OPTIONS -	2,227	643	246.3%	426	422.8%	3,779	4,740	-20.3%
GBP/USD WKLY WED OPTIONS -	1,064	483	120.3%	345	208.4%	1,893	4,916	-61.5%
GBP/USD WKLY WED OPTIONS -	93	330	-71.8%	0	0.0%	93	330	-71.8%
JPY/USD MONDAY OPTION WEE	552	892	-38.1%	2,229	-75.2%	2,948	1,284	129.6%
JPY/USD MONDAY OPTION WEE	4,392	304	1,344.7%	2,777	58.2%	8,077	3,135	157.6%
JPY/USD MONDAY OPTION WEE	1,612	59	2,632.2%	67	2,306.0%	1,679	133	1,162.4%
JPY/USD MONDAY OPTION WEE	97	811	-88.0%	54	79.6%	1,500	2,218	-32.4%
JPY/USD MONDAY OPTION WEE	0	0	0.0%	0	0.0%	1,047	51	1,952.9%
JPY/USD MONTHLY OPTIONS	106,240	172,210	-38.3%	85,670	24.0%	303,943	398,281	-23.7%
JPY/USD WKLY FRIDAY OPTION	0	11,155	-100.0%	0	0.0%	0	11,155	-100.0%

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 MAR 2023	VOLUME MAR 2022	% CHG	VOLUME FEB 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
FX Options								
JPY/USD WKLY FRIDAY OPTION	9,539	8,428	13.2%	8,231	15.9%	24,215	32,973	-26.6%
JPY/USD WKLY FRIDAY OPTION	8,664	12,323	-29.7%	10,794	-19.7%	30,054	32,087	-6.3%
JPY/USD WKLY FRIDAY OPTION	6,289	10,866	-42.1%	4,665	34.8%	17,617	33,473	-47.4%
JPY/USD WKLY FRIDAY OPTION	4,641	682	580.5%	2	231,950.0%	4,643	682	580.8%
JPY/USD WKLY WED OPTIONS -	1,951	3,060	-36.2%	4,122	-52.7%	8,792	9,167	-4.1%
JPY/USD WKLY WED OPTIONS -	3,449	3,054	12.9%	2,167	59.2%	8,978	9,191	-2.3%
JPY/USD WKLY WED OPTIONS -	4,534	1,864	143.2%	4,210	7.7%	12,979	7,196	80.4%
JPY/USD WKLY WED OPTIONS -	1,975	1,811	9.1%	2,821	-30.0%	9,385	7,227	29.9%
JPY/USD WKLY WED OPTIONS -	1,298	2,857	-54.6%	0	0.0%	1,298	2,857	-54.6%
MXN/USD MONTHLY OPTIONS	411	764	-46.2%	179	129.6%	794	2,810	-71.7%
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	0.0%
MXN/USD WKLY FRIDAY OPTION	0	0	0.0%	0	-	0	0	0.0%
NZD/USD MONTHLY OPTIONS	113	10	1,030.0%	44,946	-99.7%	73,558	60	122,496.7%
NZD/USD WKLY FRIDAY OPTION	0	0	-	1	-100.0%	1	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%
ZAR/USD MONTHLY OPTIONS	0	0	-	390	-100.0%	730	0	-
Foreign Exchange Futures								
CHILEAN PESO	0	0	0.0%	0	0.0%	3	23	-87.0%
Foreign Exchange Options								
AUD/USD WKLY WED OPTIONS -	48	11	336.4%	15	220.0%	542	1,925	-71.8%
OTC AUDUSD SUB	1,246	0	-	956	30.3%	3,136	0	-
OTC EURUSD SUB	7,310	0	-	5,175	41.3%	13,511	0	-
OTC GBPUSD SUB	797	0	-	2,167	-63.2%	4,598	0	-
OTC USDCAD SUB	7,283	0	-	1,519	379.5%	9,352	0	-
OTC USDJPY SUB	1,476	0	-	1,063	38.9%	3,396	0	-

CME Exchange Volume Report - Monthly

	VOLUME MAR 2023	VOLUME MAR 2022	% CHG	VOIUME FEB 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Ag Products Futures								
BLOCK CHEESE	491	294	67.0%	316	55.4%	978	1,518	-35.6%
BUTTER CS	3,745	4,276	-12.4%	3,590	4.3%	10,671	15,787	-32.4%
CASH-SETTLED CHEESE	13,802	11,984	15.2%	10,596	30.3%	36,011	32,775	9.9%
CAT ASIA WEATHER	0	0	0.0%	0	-	0	0	0.0%
CATTLE	1,660,785	1,539,353	7.9%	1,029,736	61.3%	4,127,340	4,073,142	1.3%
CAT WEATHER EUROPEAN	0	0	0.0%	0	-	0	0	0.0%
CDD SEASONAL STRIP	2,450	800	206.3%	0	0.0%	2,450	1,050	133.3%
CDD WEATHER	0	2,000	-100.0%	0	0.0%	0	2,000	-100.0%
CLASS IV MILK	553	1,615	-65.8%	594	-6.9%	2,181	8,759	-75.1%
DRY WHEY	1,352	978	38.2%	894	51.2%	3,177	3,223	-1.4%
FEEDER CATTLE	439,290	294,814	49.0%	311,045	41.2%	1,022,703	810,545	26.2%
GOLDMAN SACHS	3,032	5,303	-42.8%	2,364	28.3%	8,079	12,067	-33.0%
GSCI EXCESS RETURN FUT	76,648	139,956	-45.2%	2,145	3,473.3%	79,621	154,167	-48.4%
HDD EURO SEASONAL STRIP	0	0	-	0	0.0%	0	0	-
HDD SEASONAL STRIP	0	0	0.0%	0	0.0%	0	0	0.0%
HDD WEATHER	0	0	0.0%	1,150	-100.0%	2,000	8,000	-75.0%
HDD WEATHER EUROPEAN	0	650	-100.0%	0	0.0%	7,500	3,875	93.5%
HOGS	1,344,292	1,062,179	26.6%	855,351	57.2%	3,215,551	3,105,899	3.5%
HOUSING INDEX	18	13	38.5%	23	-21.7%	53	42	26.2%
LUMBER	13,829	7,830	76.6%	12,421	11.3%	38,737	26,302	47.3%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0.0%	0	0	0.0%
MILK	30,507	36,725	-16.9%	21,651	40.9%	79,798	98,543	-19.0%
MLK MID OPTIONS	0	0	0.0%	0	0.0%	0	0	0.0%
NFD MILK	6,265	6,886	-9.0%	5,426	15.5%	18,499	22,297	-17.0%
OTC SP GSCI ER SWAP	5,934	0	-	32,465	-81.7%	38,449	0	-
PACIFIC RIM DAT SS WTHR	0	0	0.0%	0	0.0%	0	0	0.0%
PORK CUTOUT	1,295	3,352	-61.4%	1,201	7.8%	3,543	8,313	-57.4%
S&P GSCI ENHANCED ER SWAP	0	0	0.0%	0	0.0%	0	0	0.0%
USD CRUDE PALM OIL	36,050	32,390	11.3%	29,895	20.6%	93,014	68,369	36.0%

CME Exchange Volume Report - Monthly

	VOLUME MAR 2023	VOLUME MAR 2022	% CHG	VOLUME FEB 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
Ag Products Options								
BLOCK CHEESE	318	240	32.5%	163	95.1%	508	610	-16.7%
BUTTER CS	2,410	1,361	77.1%	1,528	57.7%	5,407	4,535	19.2%
CASH-SETTLED CHEESE	7,055	10,532	-33.0%	4,402	60.3%	17,070	30,567	-44.2%
CATTLE	365,190	234,285	55.9%	227,632	60.4%	803,123	615,710	30.4%
CDD SEASONAL STRIP	3,000	5,000	-40.0%	18,000	-83.3%	21,000	5,500	281.8%
CDD WEATHER	6,000	0	0.0%	48,000	-87.5%	54,000	0	0.0%
CLASS IV MILK	7,246	5,897	22.9%	6,380	13.6%	20,987	20,623	1.8%
DRY WHEY	35	2,514	-98.6%	5	600.0%	63	2,535	-97.5%
FEEDER CATTLE	84,762	39,974	112.0%	47,535	78.3%	182,793	103,009	77.5%
HDD EURO SEASONAL STRIP	0	0	0.0%	0	0.0%	0	0	0.0%
HDD SEASONAL STRIP	0	0	0.0%	0	0.0%	0	0	0.0%
HDD WEATHER	0	2,000	-100.0%	11,500	-100.0%	29,700	4,800	518.8%
HDD WEATHER EUROPEAN	0	0	0.0%	10,000	-100.0%	20,000	1,000	1,900.0%
HOGS	346,741	260,157	33.3%	242,377	43.1%	851,919	790,771	7.7%
LUMBER	191	457	-58.2%	231	-17.3%	754	1,729	-56.4%
LV CATL CSO	0	0	-	5	-100.0%	30	0	-
MILK	30,468	23,084	32.0%	18,390	65.7%	71,885	58,084	23.8%
MLK MID OPTIONS	2	23	-91.3%	6	-66.7%	11	37	-70.3%
NFD MILK	5,070	5,779	-12.3%	5,129	-1.2%	15,263	15,811	-3.5%
PORK CUTOUT	0	30	-100.0%	0	0.0%	2	30	-93.3%

CME Exchange Volume Report - Monthly

	VOLUME MAR 2023	VOLUME MAR 2022	% CHG	VOLUME FEB 2023	% CHG	VOLUME Y.T.D 2023	VOLUME Y.T.D 2022	% CHG
TOTAL FUTURES GROUP								
Interest Rate Futures	128,744,429	96,223,594	33.8%	79,282,442	62.4%	268,660,859	243,850,201	10.2%
Equity Index Futures	143,939,216	131,390,536	9.6%	100,784,667	42.8%	347,936,724	388,435,698	-10.4%
FX Futures	26,724,649	22,957,970	16.4%	15,317,656	74.5%	57,487,952	53,459,137	7.5%
Foreign Exchange Futures	0	0	0.0%	0	0.0%	3	23	-87.0%
Ag Products Futures	3,640,338	3,151,398	15.5%	2,320,863	56.9%	8,790,355	8,456,673	3.9%
TOTAL FUTURES	303,048,632	253,723,498	19.4%	197,705,628	53.3%	682,875,893	694,201,732	-1.6%
TOTAL OPTIONS GROUP								
Equity Index Options	33,801,402	24,184,328	39.8%	25,001,064	35.2%	83,076,407	74,371,999	11.7%
Interest Rate Options	69,894,010	34,925,249	100.1%	49,306,126	41.8%	159,046,986	94,738,182	67.9%
FX Options	1,132,311	887,817	27.5%	767,946	47.4%	2,585,393	2,602,261	-0.6%
Ag Products Options	858,488	591,333	45.2%	641,283	33.9%	2,094,515	1,655,351	26.5%
Foreign Exchange Options	18,160	11	164,990.9%	10,895	66.7%	34,535	1,925	1,694.0%
TOTAL OPTIONS	105,704,371	60,588,738	74.5%	75,727,314	39.6%	246,837,836	173,369,718	42.4%
TOTAL COMBINED								
Interest Rate	198,638,439	131,148,843	51.5%	128,588,568	54.5%	427,707,845	338,588,383	26.3%
Equity Index	177,740,618	155,574,864	14.2%	125,785,731	41.3%	431,013,131	462,807,697	-6.9%
FX	27,856,960	23,845,787	16.8%	16,085,602	73.2%	60,073,345	56,061,398	7.2%
Foreign Exchange	18,160	11	164,990.9%	10,895	66.7%	34,538	1,948	1,673.0%
Ag Products	4,498,826	3,742,731	20.2%	2,962,146	51.9%	10,884,870	10,112,024	7.6%
GRAND TOTAL	408,753,003	314,312,236	30.0%	273,432,942	49.5%	929,713,729	867,571,450	7.2%