

CME Exchange Volume Comparison Report - Monthly

	Open Outcry MAR 2023	Open Outcry MAR 2022	% CHG	ELEC MAR 2023	ELEC MAR 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Interest Rate Futures												
1-MONTH EURODOLLAR	0	0	0.0%	0	24	-100.0%	0	0	0.0%	6	24	-75.0%
BSBY 3-MONTH FUTURES	0	0	0.0%	9,141	62,443	-85.4%	0	0	0.0%	19,971	296,655	-93.3%
ESTR Basis Spread Futures	0	-	-	1,458	-	-	0	-	-	4,566	-	-
ESTR Futures	0	-	-	31,714	-	-	0	-	-	102,344	-	-
EURODOLLARS	26,758	1,085,172	-97.5%	9,940,291	57,524,715	-82.7%	246,694	2,613,003	-90.6%	25,851,675	164,084,338	-84.2%
FTIIE	0	0	0.0%	334	113	195.6%	0	0	0.0%	747	383	95.0%
SOFR	1,716,319	17,324	9,807.2%	115,286,831	36,539,337	215.5%	3,223,138	26,956	11,857.0%	234,337,004	73,935,947	216.9%
SONIA	0	0	0.0%	76	44	72.7%	0	0	0.0%	168	1,034	-83.8%
Interest Rate Options												
EURODOLLARS	432,145	12,872,406	-96.6%	1,630,724	4,463,764	-63.5%	1,587,987	36,162,381	-95.6%	6,129,617	15,244,161	-59.8%
EURO MIDCURVE	55,034	9,618,787	-99.4%	20,159	4,200,104	-99.5%	365,078	23,602,564	-98.5%	199,743	12,055,681	-98.3%
SOFR	36,137,344	412,855	8,653.0%	15,372,270	63,026	24,290.4%	78,030,827	720,840	10,725.0%	30,766,638	136,216	22,486.7%
SOFR MIDCURVE	6,094,445	481,760	1,165.0%	2,410,011	46,087	5,129.3%	17,176,655	753,283	2,180.2%	6,602,048	206,550	3,096.3%
SOFR MISCURVE	0	-	-	0	-	-	0	-	-	700	-	-
Equity Index Futures												
BITCOIN	0	0	0.0%	258,195	172,500	49.7%	0	0	0.0%	636,999	516,875	23.2%
E-mini FTSE China 50	0	0	0.0%	0	1,890	-100.0%	0	0	0.0%	44	3,384	-98.7%
E-MINI MIDCAP	0	0	0.0%	477,577	474,665	0.6%	0	0	0.0%	917,389	1,126,869	-18.6%
E-MINI NASDAQ 100	0	0	0.0%	17,911,013	15,105,664	18.6%	0	0	0.0%	42,393,646	45,216,964	-6.2%
E-MINI RUSSELL 1000	0	0	0.0%	5,215	5,426	-3.9%	0	0	0.0%	6,472	10,387	-37.7%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	3,997	9,242	-56.8%	0	0	0.0%	6,195	21,300	-70.9%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	8,222	16,752	-50.9%	0	0	0.0%	12,869	26,355	-51.2%
E-MINI RUSSELL 2000	0	0	0.0%	7,015,689	5,899,334	18.9%	0	0	0.0%	14,476,339	16,220,339	-10.8%
E-MINI S&P500	0	0	0.0%	55,130,395	42,862,689	28.6%	0	0	0.0%	125,232,001	120,287,015	4.1%
E-MINI S&P500 ESG	0	0	0.0%	36,930	40,653	-9.2%	0	0	0.0%	62,889	119,263	-47.3%
ETHER	0	-	-	0	-	-	0	-	-	0	-	-
ETHER FUTURES	0	0	0.0%	133,736	91,932	45.5%	0	0	0.0%	364,680	320,715	13.7%
FT-SE 100	0	0	0.0%	0	673	-100.0%	0	0	0.0%	145	892	-83.7%
FTSE Emerging	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%

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Equity Index Futures												
IBOVESPA INDEX	0	0	0.0%	12	39	-69.2%	0	0	0.0%	114	134	-14.9%
MICRO BITCOIN	0	0	0.0%	271,111	394,261	-31.2%	0	0	0.0%	616,817	1,227,488	-49.7%
MICRO E-MINI NASDAQ 100	0	0	0.0%	27,056,218	31,219,379	-13.3%	0	0	0.0%	71,662,668	99,429,440	-27.9%
MICRO E-MINI RUSSELL 2000	0	0	0.0%	2,263,838	2,813,163	-19.5%	0	0	0.0%	5,470,066	10,960,204	-50.1%
MICRO E-MINI S&P500	0	0	0.0%	30,385,024	28,968,667	4.9%	0	0	0.0%	79,986,758	84,722,329	-5.6%
MICRO ETHER	0	0	0.0%	199,010	373,317	-46.7%	0	0	0.0%	619,541	1,182,821	-47.6%
NASDAQ-100 VOLATILITY	0	0	0.0%	18	2,089	-99.1%	0	0	0.0%	3,192	12,146	-73.7%
NASDAQ BIOTECH SECTOR	0	0	0.0%	223	213	4.7%	0	0	0.0%	509	413	23.2%
Nearby BTIC+	0	0	0.0%	0	350	-100.0%	0	0	0.0%	0	750	-100.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	142,280	151,202	-5.9%	0	0	0.0%	309,726	425,545	-27.2%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	772,644	1,100,963	-29.8%	0	0	0.0%	1,794,400	2,811,662	-36.2%
PHLX SEMICONDUCTOR SECT	0	-	-	546	-	-	0	-	-	707	-	-
S&P 500	0	0	0.0%	2,170	3	72,233.3%	0	0	0.0%	11,301	209	5,307.2%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	56,004	49,269	13.7%	0	0	0.0%	88,508	98,445	-10.1%
S&P 500 QUARLY DIVIDEND IN	0	0	0.0%	17,660	230	7,578.3%	0	0	0.0%	31,882	426	7,384.0%
S&P BIOTECHNOLOGY SECTO	0	-	-	1,166	-	-	0	-	-	1,810	-	-
S&P COMMUNICATION SERVIC	0	0	0.0%	7,206	5,640	27.8%	0	0	0.0%	9,610	9,651	-0.4%
S&P CONSUMER DISCRETION	0	0	0.0%	10,872	10,648	2.1%	0	0	0.0%	16,640	25,693	-35.2%
S&P CONSUMER STAPLES SE	0	0	0.0%	27,498	26,435	4.0%	0	0	0.0%	49,160	44,131	11.4%
S&P ENERGY SECTOR	0	0	0.0%	57,982	97,680	-40.6%	0	0	0.0%	85,678	141,613	-39.5%
S&P FINANCIAL SECTOR	0	0	0.0%	48,716	48,437	0.6%	0	0	0.0%	66,106	81,677	-19.1%
S&P HEALTH CARE SECTOR	0	0	0.0%	31,021	33,524	-7.5%	0	0	0.0%	42,689	60,376	-29.3%
S&P INDUSTRIAL SECTOR	0	0	0.0%	22,944	16,480	39.2%	0	0	0.0%	34,463	44,297	-22.2%
S&P MATERIALS SECTOR	0	0	0.0%	19,502	14,062	38.7%	0	0	0.0%	28,880	23,722	21.7%
S&P OIL & GAS EXPLORATION	0	-	-	562	-	-	0	-	-	805	-	-
S&P REAL ESTATE SECTOR	0	0	0.0%	13,544	9,213	47.0%	0	0	0.0%	18,562	13,992	32.7%
S&P REGIONAL BANKS SECTO	0	-	-	1,922	-	-	0	-	-	2,299	-	-
S&P RETAIL SECTOR	0	-	-	270	-	-	0	-	-	1,325	-	-
S&P TECHNOLOGY SECTOR	0	0	0.0%	28,076	26,351	6.5%	0	0	0.0%	41,465	71,554	-42.1%
S&P UTILITIES SECTOR	0	0	0.0%	35,927	23,970	49.9%	0	0	0.0%	58,412	55,922	4.5%
S&P VALUE INDEX FUTURES	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TOPIX (USD)	0	-	-	139	-	-	0	-	-	139	-	-
TOPIX (YEN)	0	0	0.0%	509	4,616	-89.0%	0	0	0.0%	909	12,412	-92.7%
WATER INDEX FUTURES	0	0	0.0%	17	111	-84.7%	0	0	0.0%	70	391	-82.1%

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Equity Index Options												
BITCOIN OPTIONS	0	0	0.0%	3,808	936	306.8%	0	0	0.0%	9,187	3,146	192.0%
E-MINI NASDAQ 100	0	0	0.0%	1,370,765	812,541	68.7%	0	0	0.0%	3,287,388	2,459,294	33.7%
E-MINI RUSSELL 2000	0	0	0.0%	171,421	144,631	18.5%	0	0	0.0%	378,364	500,804	-24.4%
E-MINI S&P500	0	0	0.0%	29,869,214	21,267,466	40.4%	0	0	0.0%	73,588,333	66,067,412	11.4%
EOM S&P 500	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ETHER OPTIONS	0	-	-	813	-	-	0	-	-	1,851	-	-
EVENT CONTRACT S&P 500	0	-	-	1,739	-	-	0	-	-	1,739	-	-
MICRO BITCOIN	0	0	0.0%	11,414	97	11,667.0%	0	0	0.0%	19,452	97	19,953.6%
MICRO E-MINI NASDAQ 100	0	0	0.0%	60,539	63,099	-4.1%	0	0	0.0%	170,689	210,429	-18.9%
Micro E-mini S&P 500	0	0	0.0%	285,957	244,116	17.1%	0	0	0.0%	850,939	856,402	-0.6%
MICRO ETHER	0	0	0.0%	15,453	100	15,353.0%	0	0	0.0%	30,590	100	30,490.0%
S&P 500	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
FX Futures												
AD/CD CROSS RATES	0	0	0.0%	99	72	37.5%	0	0	0.0%	151	118	28.0%
AD/JY CROSS RATES	0	0	0.0%	2,996	8,484	-64.7%	0	0	0.0%	5,501	16,661	-67.0%
AD/NE CROSS RATES	0	0	0.0%	3,984	2,787	42.9%	0	0	0.0%	7,335	4,072	80.1%
AUSTRALIAN DOLLAR	0	0	0.0%	2,750,748	2,240,503	22.8%	0	0	0.0%	6,191,709	5,910,908	4.8%
BP/JY CROSS RATES	0	0	0.0%	5,163	5,297	-2.5%	0	0	0.0%	9,986	10,508	-5.0%
BP/SF CROSS RATES	0	0	0.0%	3,657	2,556	43.1%	0	0	0.0%	8,742	6,859	27.5%
BRAZIL REAL	0	0	0.0%	287,972	277,937	3.6%	0	0	0.0%	830,410	880,048	-5.6%
BRITISH POUND	0	0	0.0%	3,044,047	2,859,680	6.4%	0	0	0.0%	6,561,318	6,872,993	-4.5%
CANADIAN DOLLAR	0	0	0.0%	2,587,608	2,099,590	23.2%	0	0	0.0%	5,501,178	5,148,070	6.9%
CD/JY CROSS RATES	0	0	0.0%	1	34	-97.1%	0	0	0.0%	6	243	-97.5%
CHINESE RENMINBI (CNH)	0	0	0.0%	35,657	30,790	15.8%	0	0	0.0%	87,605	58,029	51.0%
CZECK KORUNA (EC)	0	0	0.0%	2	8	-75.0%	0	0	0.0%	4	11	-63.6%
CZECK KORUNA (US)	0	0	0.0%	11	5	120.0%	0	0	0.0%	11	10	10.0%
EC/AD CROSS RATES	0	0	0.0%	11,522	10,971	5.0%	0	0	0.0%	14,813	16,867	-12.2%
EC/CD CROSS RATES	0	0	0.0%	14,239	19,240	-26.0%	0	0	0.0%	19,419	26,048	-25.4%
EC/NOK CROSS RATES	0	0	0.0%	2,379	2,542	-6.4%	0	0	0.0%	4,121	3,513	17.3%
EC/SEK CROSS RATES	0	0	0.0%	5,523	5,119	7.9%	0	0	0.0%	9,737	7,369	32.1%
EFX/BP CROSS RATES	0	0	0.0%	118,646	197,476	-39.9%	0	0	0.0%	182,677	310,831	-41.2%

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FX Futures												
EFX/JY CROSS RATES	0	0	0.0%	88,016	123,139	-28.5%	0	0	0.0%	141,300	216,009	-34.6%
EFX/SF CROSS RATES	0	0	0.0%	49,773	81,931	-39.3%	0	0	0.0%	72,377	141,663	-48.9%
E-MICRO USD/CAD	0	0	0.0%	200	562	-64.4%	0	0	0.0%	594	1,179	-49.6%
E-MICRO USD/CHF	0	0	0.0%	218	141	54.6%	0	0	0.0%	505	240	110.4%
E-MICRO USD/JPY	0	0	0.0%	1,588	7,681	-79.3%	0	0	0.0%	3,924	12,125	-67.6%
E-MINI EURO FX	0	0	0.0%	180,148	182,770	-1.4%	0	0	0.0%	458,536	417,446	9.8%
E-MINI JAPANESE YEN	0	0	0.0%	12,216	9,160	33.4%	0	0	0.0%	36,890	20,333	81.4%
EURO FX	0	0	0.0%	7,147,363	6,764,814	5.7%	0	0	0.0%	15,029,395	14,106,447	6.5%
HUNGARIAN FORINT (EC)	0	0	0.0%	6	0	0.0%	0	0	0.0%	13	0	0.0%
HUNGARIAN FORINT (US)	0	0	0.0%	25	4	525.0%	0	0	0.0%	46	27	70.4%
INDIAN RUPEE	0	0	0.0%	27,287	21,808	25.1%	0	0	0.0%	106,447	57,510	85.1%
JAPANESE YEN	0	0	0.0%	4,612,773	3,386,273	36.2%	0	0	0.0%	10,195,969	7,626,460	33.7%
KOREAN WON	0	0	0.0%	268	360	-25.6%	0	0	0.0%	626	1,461	-57.2%
MEXICAN PESO	0	0	0.0%	2,362,848	1,425,666	65.7%	0	0	0.0%	4,147,689	3,184,613	30.2%
MICRO AUD/USD	0	0	0.0%	323,759	250,331	29.3%	0	0	0.0%	907,424	783,404	15.8%
MICRO CAD/USD	0	0	0.0%	73,924	48,204	53.4%	0	0	0.0%	200,969	165,101	21.7%
MICRO CHF/USD	0	0	0.0%	16,178	14,336	12.8%	0	0	0.0%	50,487	32,737	54.2%
MICRO EUR/USD	0	0	0.0%	807,442	791,861	2.0%	0	0	0.0%	2,209,459	2,086,880	5.9%
MICRO GBP/USD	0	0	0.0%	78,454	89,348	-12.2%	0	0	0.0%	230,301	249,045	-7.5%
MICRO INR/USD	0	0	0.0%	592	904	-34.5%	0	0	0.0%	1,892	2,574	-26.5%
MICRO JPY/USD	0	0	0.0%	0	12,799	-100.0%	0	0	0.0%	0	101,719	-100.0%
MICRO USD/CNH	0	0	0.0%	0	1	-100.0%	0	0	0.0%	0	2	-100.0%
NEW ZEALND DOLLAR	0	0	0.0%	827,743	679,054	21.9%	0	0	0.0%	1,877,168	1,710,255	9.8%
NKR/USD CROSS RATE	0	0	0.0%	6,925	4,892	41.6%	0	0	0.0%	9,580	10,756	-10.9%
POLISH ZLOTY (EC)	0	0	0.0%	8	444	-98.2%	0	0	0.0%	54	542	-90.0%
POLISH ZLOTY (US)	0	0	0.0%	1,062	3,567	-70.2%	0	0	0.0%	2,077	5,146	-59.6%
RMB USD	0	0	0.0%	0	3	-100.0%	0	0	0.0%	5	4	25.0%
RUSSIAN RUBLE	0	0	0.0%	0	12,569	-100.0%	0	0	0.0%	0	573,626	-100.0%
S.AFRICAN RAND	0	0	0.0%	98,845	107,774	-8.3%	0	0	0.0%	206,493	263,311	-21.6%
SF/JY CROSS RATES	0	0	0.0%	1,084	571	89.8%	0	0	0.0%	1,757	660	166.2%
SHEKEL	0	0	0.0%	172	5	3,340.0%	0	0	0.0%	254	39	551.3%
SKR/USD CROSS RATES	0	0	0.0%	7,229	9,723	-25.7%	0	0	0.0%	14,795	19,660	-24.7%
SWISS FRANC	0	0	0.0%	611,543	642,705	-4.8%	0	0	0.0%	1,341,150	1,481,286	-9.5%
TURKISH LIRA	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
USDZAR	0	0	0.0%	57	0	0.0%	0	0	0.0%	97	27	259.3%

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FX Options												
AUD/USD MONDAY OPTION W	0	0	0.0%	303	489	-38.0%	0	0	0.0%	391	1,364	-71.3%
AUD/USD MONDAY OPTION W	0	0	0.0%	1,351	126	972.2%	0	0	0.0%	1,922	2,246	-14.4%
AUD/USD MONDAY OPTION W	0	0	0.0%	862	471	83.0%	0	0	0.0%	870	890	-2.2%
AUD/USD MONDAY OPTION W	0	0	0.0%	148	113	31.0%	0	0	0.0%	942	793	18.8%
AUD/USD MONDAY OPTION W	0	0	0.0%	0	0	0.0%	0	0	0.0%	315	779	-59.6%
AUD/USD MONTHLY OPTIONS	0	0	0.0%	83,032	57,884	43.4%	0	0	0.0%	154,242	170,854	-9.7%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	1,400	-100.0%	0	0	0.0%	0	1,400	-100.0%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,739	1,242	120.5%	0	0	0.0%	6,158	7,046	-12.6%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,707	1,665	2.5%	0	0	0.0%	4,805	8,403	-42.8%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,813	923	96.4%	0	0	0.0%	4,470	5,275	-15.3%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	949	257	269.3%	0	0	0.0%	949	257	269.3%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	122	1,267	-90.4%	0	0	0.0%	499	2,840	-82.4%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	196	451	-56.5%	0	0	0.0%	545	2,086	-73.9%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	47	259	-81.9%	0	0	0.0%	311	874	-64.4%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	199	78	155.1%	0	0	0.0%	821	1,261	-34.9%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	310	211	46.9%	0	0	0.0%	310	211	46.9%
BRL/USD MONTHLY OPTIONS	0	0	0.0%	0	293	-100.0%	0	0	0.0%	5	1,597	-99.7%
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,787	301	493.7%	0	0	0.0%	2,554	600	325.7%
CAD/USD MONDAY OPTIONS	0	0	0.0%	2,488	1,892	31.5%	0	0	0.0%	5,273	4,505	17.0%
CAD/USD MONDAY OPTIONS	0	0	0.0%	3,493	552	532.8%	0	0	0.0%	3,501	575	508.9%
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,064	508	109.4%	0	0	0.0%	2,741	2,969	-7.7%
CAD/USD MONDAY OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	247	1,256	-80.3%
CAD/USD MONTHLY OPTIONS	0	0	0.0%	117,434	63,297	85.5%	0	0	0.0%	229,140	184,385	24.3%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	5,640	-100.0%	0	0	0.0%	0	5,640	-100.0%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,622	1,200	118.5%	0	0	0.0%	9,661	14,735	-34.4%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,683	4,765	-43.7%	0	0	0.0%	7,437	16,467	-54.8%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,878	4,912	-0.7%	0	0	0.0%	10,194	14,972	-31.9%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,727	652	625.0%	0	0	0.0%	5,073	652	678.1%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	950	644	47.5%	0	0	0.0%	2,584	3,190	-19.0%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	982	206	376.7%	0	0	0.0%	2,175	4,028	-46.0%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,053	520	102.5%	0	0	0.0%	4,315	3,932	9.7%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	2,762	3,128	-11.7%	0	0	0.0%	5,348	6,542	-18.3%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	889	2,938	-69.7%	0	0	0.0%	889	2,938	-69.7%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	3,961	3,954	0.2%	0	0	0.0%	8,937	19,125	-53.3%

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	Open Outcry MAR 2023	Open Outcry MAR 2022	% CHG	ELEC MAR 2023	ELEC MAR 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
FX Options												
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	520	-100.0%	0	0	0.0%	0	520	-100.0%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	506	29	1,644.8%	0	0	0.0%	814	631	29.0%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	91	40	127.5%	0	0	0.0%	465	363	28.1%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	1,452	34	4,170.6%	0	0	0.0%	4,295	713	502.4%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	336	0	0.0%	0	0	0.0%	342	0	0.0%
EUR/GBP MONTHLY OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	204	-100.0%
EUR/GBP WKLY FRIDAY OPTIC	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EURODOLLARS	0	-	-	3,149	-	-	0	-	-	10,789	-	-
EUR/USD MONDAY OPTION W	0	0	0.0%	1,874	4,544	-58.8%	0	0	0.0%	6,944	6,963	-0.3%
EUR/USD MONDAY OPTION W	0	0	0.0%	2,136	2,511	-14.9%	0	0	0.0%	6,107	12,438	-50.9%
EUR/USD MONDAY OPTION W	0	0	0.0%	3,369	989	240.6%	0	0	0.0%	4,750	2,678	77.4%
EUR/USD MONDAY OPTION W	0	0	0.0%	2,398	2,923	-18.0%	0	0	0.0%	6,619	6,251	5.9%
EUR/USD MONDAY OPTION W	0	0	0.0%	0	0	0.0%	0	0	0.0%	955	2,856	-66.6%
EUR/USD MONTHLY OPTIONS	0	0	0.0%	310,264	227,121	36.6%	0	0	0.0%	743,354	702,340	5.8%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	22,695	-100.0%	0	0	0.0%	0	22,695	-100.0%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	23,423	11,708	100.1%	0	0	0.0%	62,080	61,960	0.2%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	22,710	17,832	27.4%	0	0	0.0%	79,015	50,449	56.6%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	112,646	21,871	415.0%	0	0	0.0%	137,644	68,818	100.0%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	8,024	1,904	321.4%	0	0	0.0%	8,265	1,904	334.1%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	4,424	6,505	-32.0%	0	0	0.0%	10,969	20,904	-47.5%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	7,339	8,131	-9.7%	0	0	0.0%	20,872	17,647	18.3%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	4,608	6,544	-29.6%	0	0	0.0%	16,422	17,743	-7.4%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	3,713	5,765	-35.6%	0	0	0.0%	13,000	15,311	-15.1%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	6,668	6,113	9.1%	0	0	0.0%	6,668	6,113	9.1%
GBP/USD MONDAY OPTION W	0	0	0.0%	726	615	18.0%	0	0	0.0%	2,843	1,894	50.1%
GBP/USD MONDAY OPTION W	0	0	0.0%	440	2	21,900.0%	0	0	0.0%	3,709	2,738	35.5%
GBP/USD MONDAY OPTION W	0	0	0.0%	727	141	415.6%	0	0	0.0%	1,545	489	216.0%
GBP/USD MONDAY OPTION W	0	0	0.0%	226	665	-66.0%	0	0	0.0%	658	2,444	-73.1%
GBP/USD MONDAY OPTION W	0	0	0.0%	0	0	0.0%	0	0	0.0%	400	361	10.8%
GBP/USD MONTHLY OPTIONS	0	0	0.0%	59,986	57,210	4.9%	0	0	0.0%	179,377	182,343	-1.6%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	2,790	-100.0%	0	0	0.0%	0	2,790	-100.0%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,660	477	457.7%	0	0	0.0%	9,125	6,477	40.9%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,169	2,100	3.3%	0	0	0.0%	7,597	9,835	-22.8%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,375	4,475	-69.3%	0	0	0.0%	4,356	9,691	-55.1%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,287	882	159.3%	0	0	0.0%	2,641	882	199.4%

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	Open Outcry MAR 2023	Open Outcry MAR 2022	% CHG	ELEC MAR 2023	ELEC MAR 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
FX Options												
GBP/USD WKLY WED OPTIONS	0	0	0.0%	924	592	56.1%	0	0	0.0%	1,620	5,236	-69.1%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	568	59	862.7%	0	0	0.0%	5,133	1,986	158.5%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	2,227	643	246.3%	0	0	0.0%	3,779	4,260	-11.3%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,064	163	552.8%	0	0	0.0%	1,893	2,596	-27.1%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	93	330	-71.8%	0	0	0.0%	93	330	-71.8%
JPY/USD MONDAY OPTION WE	0	0	0.0%	552	892	-38.1%	0	0	0.0%	2,148	1,284	67.3%
JPY/USD MONDAY OPTION WE	0	0	0.0%	4,392	304	1,344.7%	0	0	0.0%	7,562	3,135	141.2%
JPY/USD MONDAY OPTION WE	0	0	0.0%	1,612	59	2,632.2%	0	0	0.0%	1,679	133	1,162.4%
JPY/USD MONDAY OPTION WE	0	0	0.0%	97	811	-88.0%	0	0	0.0%	1,500	2,218	-32.4%
JPY/USD MONDAY OPTION WE	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,047	51	1,952.9%
JPY/USD MONTHLY OPTIONS	0	0	0.0%	94,506	148,910	-36.5%	0	0	0.0%	273,577	360,477	-24.1%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	10,637	-100.0%	0	0	0.0%	0	10,637	-100.0%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	8,449	8,428	0.2%	0	0	0.0%	22,527	32,553	-30.8%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	8,664	11,793	-26.5%	0	0	0.0%	24,818	31,029	-20.0%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	6,039	10,330	-41.5%	0	0	0.0%	15,211	32,407	-53.1%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	4,383	154	2,746.1%	0	0	0.0%	4,385	154	2,747.4%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	1,951	3,060	-36.2%	0	0	0.0%	6,919	9,167	-24.5%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,639	3,054	-13.6%	0	0	0.0%	8,168	9,191	-11.1%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,994	1,864	114.3%	0	0	0.0%	12,439	7,196	72.9%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	1,975	1,811	9.1%	0	0	0.0%	8,030	7,227	11.1%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	1,298	2,857	-54.6%	0	0	0.0%	1,298	2,857	-54.6%
MXN/USD MONTHLY OPTIONS	0	0	0.0%	411	764	-46.2%	0	0	0.0%	794	2,810	-71.7%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MXN/USD WKLY FRIDAY OPTI	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NZD/USD MONTHLY OPTIONS	0	0	0.0%	13	10	30.0%	0	0	0.0%	62	60	3.3%
NZD/USD WKLY FRIDAY OPTIO	0	-	-	0	-	-	0	-	-	1	-	-
NZD/USD WKLY FRIDAY OPTIO	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
RUB/USD MONTHLY OPTIONS	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ZAR/USD MONTHLY OPTIONS	0	-	-	0	-	-	0	-	-	0	-	-

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Foreign Exchange Futures												
CHILEAN PESO	0	0	0.0%	0	0	0.0%	0	0	0.0%	3	23	-87.0%
Foreign Exchange Options												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	48	11	336.4%	0	0	0.0%	542	1,925	-71.8%
OTC AUDUSD SUB	0	-	-	1,246	-	-	0	-	-	3,136	-	-
OTC EURUSD SUB	0	-	-	7,310	-	-	0	-	-	13,511	-	-
OTC GBPUSD SUB	0	-	-	797	-	-	0	-	-	4,598	-	-
OTC USDCAD SUB	0	-	-	7,283	-	-	0	-	-	9,352	-	-
OTC USDJPY SUB	0	-	-	1,476	-	-	0	-	-	3,396	-	-

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	Open Outcry MAR 2023	Open Outcry MAR 2022	% CHG	ELEC MAR 2023	ELEC MAR 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
Ag Products Futures												
BLOCK CHEESE	0	0	0.0%	491	294	67.0%	0	0	0.0%	978	847	15.5%
BUTTER CS	0	0	0.0%	3,654	4,120	-11.3%	0	0	0.0%	10,015	14,991	-33.2%
CASH-SETTLED CHEESE	0	0	0.0%	13,381	9,608	39.3%	0	0	0.0%	35,089	28,446	23.4%
CAT ASIA WEATHER	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CATTLE	0	0	0.0%	1,642,121	1,537,282	6.8%	0	0	0.0%	4,095,327	4,065,212	0.7%
CAT WEATHER EUROPEAN	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CDD SEASONAL STRIP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CDD WEATHER	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CLASS IV MILK	0	0	0.0%	443	1,533	-71.1%	0	0	0.0%	1,553	7,965	-80.5%
DRY WHEY	0	0	0.0%	1,352	978	38.2%	0	0	0.0%	3,177	2,906	9.3%
FEEDER CATTLE	0	0	0.0%	436,806	293,832	48.7%	0	0	0.0%	1,013,945	809,471	25.3%
GOLDMAN SACHS	0	0	0.0%	1,829	3,638	-49.7%	0	0	0.0%	5,432	10,402	-47.8%
GSCI EXCESS RETURN FUT	0	0	0.0%	23	0	0.0%	0	0	0.0%	23	0	0.0%
HDD EURO SEASONAL STRIP	0	-	-	0	-	-	0	-	-	0	-	-
HDD SEASONAL STRIP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HDD WEATHER	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HOGS	0	0	0.0%	1,334,304	1,057,710	26.2%	0	0	0.0%	3,199,238	3,093,964	3.4%
HOUSING INDEX	0	0	0.0%	18	13	38.5%	0	0	0.0%	53	42	26.2%
LUMBER	0	0	0.0%	13,524	7,740	74.7%	0	0	0.0%	38,282	25,991	47.3%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MILK	0	0	0.0%	30,222	33,659	-10.2%	0	0	0.0%	78,958	94,019	-16.0%
MLK MID OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NFD MILK	0	0	0.0%	5,875	6,886	-14.7%	0	0	0.0%	17,591	21,949	-19.9%
OTC SP GSCI ER SWAP	0	-	-	0	-	-	0	-	-	0	-	-
PACIFIC RIM DAT SS WTHR	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PORK CUTOUT	0	0	0.0%	1,295	3,352	-61.4%	0	0	0.0%	3,543	8,313	-57.4%
S&P GSCI ENHANCED ER SWA	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
USD CRUDE PALM OIL	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%

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Ag Products Options												
BLOCK CHEESE	0	0	0.0%	318	240	32.5%	0	0	0.0%	508	610	-16.7%
BUTTER CS	0	0	0.0%	2,350	1,361	72.7%	0	0	0.0%	5,287	3,926	34.7%
CASH-SETTLED CHEESE	0	0	0.0%	5,465	7,682	-28.9%	0	0	0.0%	14,580	25,457	-42.7%
CATTLE	0	0	0.0%	362,815	232,185	56.3%	0	0	0.0%	798,473	610,510	30.8%
CDD SEASONAL STRIP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CDD WEATHER	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CLASS IV MILK	0	0	0.0%	7,006	5,873	19.3%	0	0	0.0%	19,910	20,509	-2.9%
DRY WHEY	0	0	0.0%	35	2,046	-98.3%	0	0	0.0%	63	2,067	-97.0%
FEEDER CATTLE	0	0	0.0%	84,762	39,974	112.0%	0	0	0.0%	180,721	102,386	76.5%
HDD EURO SEASONAL STRIP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HDD SEASONAL STRIP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HDD WEATHER	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HOGS	0	0	0.0%	345,716	255,693	35.2%	0	0	0.0%	848,294	777,121	9.2%
LUMBER	0	0	0.0%	191	457	-58.2%	0	0	0.0%	754	1,729	-56.4%
LV CATL CSO	0	-	-	0	-	-	0	-	-	30	-	-
MILK	0	0	0.0%	29,668	22,997	29.0%	0	0	0.0%	68,819	57,597	19.5%
MLK MID OPTIONS	0	0	0.0%	2	23	-91.3%	0	0	0.0%	11	37	-70.3%
NFD MILK	0	0	0.0%	3,792	5,049	-24.9%	0	0	0.0%	11,844	12,651	-6.4%
PORK CUTOUT	0	0	0.0%	0	30	-100.0%	0	0	0.0%	2	30	-93.3%
TOTAL FUTURES GROUP												
Interest Rate Futures	1,743,077	1,102,496	58.1%	125,269,845	94,126,676	33.1%	3,469,832	2,639,959	31.4%	260,316,481	238,318,381	9.2%
Equity Index Futures	0	0	0.0%	142,455,600	130,071,732	9.5%	0	0	0.0%	345,164,879	385,327,801	-10.4%
FX Futures	0	0	0.0%	26,212,000	22,436,491	16.8%	0	0	0.0%	56,682,996	52,545,445	7.9%
Foreign Exchange Futures	0	0	0.0%	0	0	0.0%	0	0	0.0%	3	23	-87.0%
Ag Products Futures	0	0	0.0%	3,485,338	2,960,645	17.7%	0	0	0.0%	8,503,204	8,184,518	3.9%
TOTAL FUTURES	1,743,077	1,102,496	58.1%	297,422,783	249,595,544	19.2%	3,469,832	2,639,959	31.4%	670,667,563	684,376,168	-2.0%

CME Exchange Volume Comparison Report - Monthly

	Open Outcry MAR 2023	Open Outcry MAR 2022	% CHG	ELEC MAR 2023	ELEC MAR 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
TOTAL OPTIONS GROUP												
Equity Index Options	0	0	0.0%	31,791,123	22,532,986	41.1%	0	0	0.0%	78,338,532	70,097,684	11.8%
Interest Rate Options	42,718,968	23,385,808	82.7%	19,433,164	8,772,981	121.5%	97,160,547	61,239,068	58.7%	43,698,746	27,642,608	58.1%
FX Options	0	0	0.0%	981,128	786,899	24.7%	0	0	0.0%	2,234,927	2,261,126	-1.2%
Ag Products Options	0	0	0.0%	842,120	573,610	46.8%	0	0	0.0%	1,949,296	1,614,630	20.7%
Foreign Exchange Options	0	0	0.0%	18,160	11	164,990.9%	0	0	0.0%	34,535	1,925	1,694.0%
TOTAL OPTIONS	42,718,968	23,385,808	82.7%	53,065,695	32,666,487	62.4%	97,160,547	61,239,068	58.7%	126,256,036	101,617,973	24.2%
TOTAL COMBINED												
Interest Rate	44,462,045	24,488,304	81.6%	144,703,009	102,899,657	40.6%	100,630,379	63,879,027	57.5%	304,015,227	265,960,989	14.3%
Equity Index	0	0	0.0%	174,246,723	152,604,718	14.2%	0	0	0.0%	423,503,411	455,425,485	-7.0%
FX	0	0	0.0%	27,193,128	23,223,390	17.1%	0	0	0.0%	58,917,923	54,806,571	7.5%
Foreign Exchange	0	0	0.0%	18,160	11	164,990.9%	0	0	0.0%	34,538	1,948	1,673.0%
Ag Products	0	0	0.0%	4,327,458	3,534,255	22.4%	0	0	0.0%	10,452,500	9,799,148	6.7%
GRAND TOTAL	44,462,045	24,488,304	81.6%	350,488,478	282,262,031	24.2%	100,630,379	63,879,027	57.5%	796,923,599	785,994,141	1.4%