

CME Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2023	Open Outcry FEB 2022	% CHG	ELEC FEB 2023	ELEC FEB 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%	6	0	0.0%	0	0	0.0%	6	0	0.0%
BSBY 3-MONTH FUTURES	0	0	0.0%	7,594	114,896	-93.4%	0	0	0.0%	10,830	234,212	-95.4%
ESTR Basis Spread Futures	0	-	-	1,568	-	-	0	-	-	3,108	-	-
ESTR Futures	0	-	-	44,206	-	-	0	-	-	70,630	-	-
EURODOLLARS	98,380	850,268	-88.4%	7,551,022	54,979,597	-86.3%	219,936	1,527,831	-85.6%	15,911,384	106,559,623	-85.1%
FTIIE	0	0	0.0%	273	187	46.0%	0	0	0.0%	413	270	53.0%
SOFR	973,187	8,722	11,057.8%	68,787,686	22,875,751	200.7%	1,506,819	9,632	15,543.9%	119,050,173	37,396,610	218.3%
SONIA	0	0	0.0%	50	650	-92.3%	0	0	0.0%	92	990	-90.7%
Interest Rate Options												
EURODOLLARS	395,254	11,528,190	-96.6%	2,563,727	4,633,148	-44.7%	1,155,842	23,289,975	-95.0%	4,498,893	10,780,397	-58.3%
EURO MIDCURVE	161,150	6,489,533	-97.5%	52,045	3,728,311	-98.6%	310,044	13,983,777	-97.8%	179,584	7,855,577	-97.7%
SOFR	22,462,924	214,835	10,355.9%	8,519,710	66,832	12,648.0%	41,893,483	307,985	13,502.4%	15,394,368	73,190	20,933.4%
SOFR MIDCURVE	6,269,636	216,573	2,794.9%	2,687,575	153,984	1,645.4%	11,082,210	271,523	3,981.5%	4,192,037	160,463	2,512.5%
SOFR MISCURVE	0	-	-	0	-	-	0	-	-	700	-	-
Equity Index Futures												
BITCOIN	0	0	0.0%	196,828	164,890	19.4%	0	0	0.0%	378,804	344,375	10.0%
E-mini FTSE China 50	0	0	0.0%	0	1,363	-100.0%	0	0	0.0%	44	1,494	-97.1%
E-MINI MIDCAP	0	0	0.0%	214,088	274,638	-22.0%	0	0	0.0%	439,812	652,204	-32.6%
E-MINI NASDAQ 100	0	0	0.0%	12,181,923	13,834,185	-11.9%	0	0	0.0%	24,482,633	30,111,300	-18.7%
E-MINI RUSSELL 1000	0	0	0.0%	637	2,036	-68.7%	0	0	0.0%	1,257	4,961	-74.7%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	1,285	6,881	-81.3%	0	0	0.0%	2,198	12,058	-81.8%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	2,797	3,913	-28.5%	0	0	0.0%	4,647	9,603	-51.6%
E-MINI RUSSELL 2000	0	0	0.0%	3,744,918	4,490,168	-16.6%	0	0	0.0%	7,460,650	10,321,005	-27.7%
E-MINI S&P500	0	0	0.0%	36,328,371	35,973,247	1.0%	0	0	0.0%	70,101,606	77,424,326	-9.5%
E-MINI S&P500 ESG	0	0	0.0%	11,964	34,571	-65.4%	0	0	0.0%	25,959	78,610	-67.0%
ETHER	0	-	-	0	-	-	0	-	-	0	-	-
ETHER FUTURES	0	0	0.0%	123,332	108,615	13.5%	0	0	0.0%	230,944	228,783	0.9%
FT-SE 100	0	0	0.0%	145	65	123.1%	0	0	0.0%	145	219	-33.8%
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%	81	58	39.7%	0	0	0.0%	102	95	7.4%
MICRO BITCOIN	0	0	0.0%	202,079	415,067	-51.3%	0	0	0.0%	345,706	833,227	-58.5%
MICRO E-MINI NASDAQ 100	0	0	0.0%	21,539,368	32,747,966	-34.2%	0	0	0.0%	44,606,450	68,210,061	-34.6%
MICRO E-MINI RUSSELL 2000	0	0	0.0%	1,506,637	3,476,456	-56.7%	0	0	0.0%	3,206,228	8,147,041	-60.6%
MICRO E-MINI S&P500	0	0	0.0%	23,234,103	26,496,926	-12.3%	0	0	0.0%	49,601,734	55,753,662	-11.0%
MICRO ETHER	0	0	0.0%	208,361	377,546	-44.8%	0	0	0.0%	420,531	809,504	-48.1%
NASDAQ-100 VOLATILITY	0	0	0.0%	498	2,845	-82.5%	0	0	0.0%	3,174	10,057	-68.4%
NASDAQ BIOTECH SECTOR	0	0	0.0%	82	53	54.7%	0	0	0.0%	286	200	43.0%
Nearby BTIC+	0	0	0.0%	0	350	-100.0%	0	0	0.0%	0	400	-100.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	73,499	123,993	-40.7%	0	0	0.0%	167,446	274,343	-39.0%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	462,700	860,238	-46.2%	0	0	0.0%	1,021,756	1,710,699	-40.3%
PHLX SEMICONDUCTOR SECT	0	-	-	6	-	-	0	-	-	161	-	-
S&P 500	0	0	0.0%	7,369	206	3,477.2%	0	0	0.0%	9,131	206	4,332.5%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	18,741	25,212	-25.7%	0	0	0.0%	32,504	49,176	-33.9%
S&P 500 QUARLY DIVIDEND IN	0	0	0.0%	6,355	35	18,057.1%	0	0	0.0%	14,222	196	7,156.1%
S&P BIOTECHNOLOGY SECTO	0	-	-	317	-	-	0	-	-	644	-	-
S&P COMMUNICATION SERVIC	0	0	0.0%	1,160	1,665	-30.3%	0	0	0.0%	2,404	4,011	-40.1%
S&P CONSUMER DISCRETION	0	0	0.0%	3,630	5,355	-32.2%	0	0	0.0%	5,768	15,045	-61.7%
S&P CONSUMER STAPLES SE	0	0	0.0%	8,413	8,860	-5.0%	0	0	0.0%	21,662	17,696	22.4%
S&P ENERGY SECTOR	0	0	0.0%	13,402	25,949	-48.4%	0	0	0.0%	27,696	43,933	-37.0%
S&P FINANCIAL SECTOR	0	0	0.0%	8,030	14,917	-46.2%	0	0	0.0%	17,390	33,240	-47.7%
S&P HEALTH CARE SECTOR	0	0	0.0%	6,565	10,639	-38.3%	0	0	0.0%	11,668	26,852	-56.5%
S&P INDUSTRIAL SECTOR	0	0	0.0%	5,834	11,396	-48.8%	0	0	0.0%	11,519	27,817	-58.6%
S&P MATERIALS SECTOR	0	0	0.0%	5,008	4,305	16.3%	0	0	0.0%	9,378	9,660	-2.9%
S&P OIL & GAS EXPLORATION	0	-	-	106	-	-	0	-	-	243	-	-
S&P REAL ESTATE SECTOR	0	0	0.0%	2,795	2,155	29.7%	0	0	0.0%	5,018	4,779	5.0%
S&P REGIONAL BANKS SECTO	0	-	-	175	-	-	0	-	-	377	-	-
S&P RETAIL SECTOR	0	-	-	926	-	-	0	-	-	1,055	-	-
S&P TECHNOLOGY SECTOR	0	0	0.0%	7,687	14,592	-47.3%	0	0	0.0%	13,389	45,203	-70.4%
S&P UTILITIES SECTOR	0	0	0.0%	12,203	14,248	-14.4%	0	0	0.0%	22,485	31,952	-29.6%
S&P VALUE INDEX FUTURES	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TOPIX (USD)	0	-	-	0	-	-	0	-	-	0	-	-
TOPIX (YEN)	0	0	0.0%	166	3,858	-95.7%	0	0	0.0%	400	7,796	-94.9%
WATER INDEX FUTURES	0	0	0.0%	16	96	-83.3%	0	0	0.0%	53	280	-81.1%

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Equity Index Options												
BITCOIN OPTIONS	0	0	0.0%	2,629	964	172.7%	0	0	0.0%	5,379	2,210	143.4%
E-MINI NASDAQ 100	0	0	0.0%	1,064,148	746,255	42.6%	0	0	0.0%	1,916,623	1,646,753	16.4%
E-MINI RUSSELL 2000	0	0	0.0%	111,241	159,951	-30.5%	0	0	0.0%	206,943	356,173	-41.9%
E-MINI S&P500	0	0	0.0%	22,082,933	20,610,482	7.1%	0	0	0.0%	43,719,119	44,799,946	-2.4%
EOM S&P 500	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ETHER OPTIONS	0	-	-	636	-	-	0	-	-	1,038	-	-
MICRO BITCOIN	0	-	-	4,758	-	-	0	-	-	8,038	-	-
MICRO E-MINI NASDAQ 100	0	0	0.0%	56,249	66,999	-16.0%	0	0	0.0%	110,150	147,330	-25.2%
Micro E-mini S&P 500	0	0	0.0%	283,673	309,629	-8.4%	0	0	0.0%	564,982	612,286	-7.7%
MICRO ETHER	0	-	-	12,008	-	-	0	-	-	15,137	-	-
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%	13	34	-61.8%	0	0	0.0%	52	46	13.0%
AD/JY CROSS RATES	0	0	0.0%	1,277	5,784	-77.9%	0	0	0.0%	2,505	8,177	-69.4%
AD/NE CROSS RATES	0	0	0.0%	724	1,084	-33.2%	0	0	0.0%	3,351	1,285	160.8%
AUSTRALIAN DOLLAR	0	0	0.0%	1,735,248	1,921,910	-9.7%	0	0	0.0%	3,440,961	3,670,405	-6.3%
BP/JY CROSS RATES	0	0	0.0%	2,146	2,569	-16.5%	0	0	0.0%	4,823	5,211	-7.4%
BP/SF CROSS RATES	0	0	0.0%	2,308	1,174	96.6%	0	0	0.0%	5,085	4,303	18.2%
BRAZIL REAL	0	0	0.0%	268,428	277,936	-3.4%	0	0	0.0%	542,438	602,111	-9.9%
BRITISH POUND	0	0	0.0%	1,814,217	2,095,775	-13.4%	0	0	0.0%	3,517,271	4,013,313	-12.4%
CANADIAN DOLLAR	0	0	0.0%	1,520,199	1,498,810	1.4%	0	0	0.0%	2,913,570	3,048,480	-4.4%
CD/JY CROSS RATES	0	0	0.0%	2	83	-97.6%	0	0	0.0%	5	209	-97.6%
CHINESE RENMINBI (CNH)	0	0	0.0%	30,599	12,279	149.2%	0	0	0.0%	51,948	27,239	90.7%
CZECK KORUNA (EC)	0	0	0.0%	0	0	0.0%	0	0	0.0%	2	3	-33.3%
CZECK KORUNA (US)	0	0	0.0%	0	4	-100.0%	0	0	0.0%	0	5	-100.0%
EC/AD CROSS RATES	0	0	0.0%	1,313	3,006	-56.3%	0	0	0.0%	3,291	5,896	-44.2%
EC/CD CROSS RATES	0	0	0.0%	1,705	2,784	-38.8%	0	0	0.0%	5,180	6,808	-23.9%
EC/NOK CROSS RATES	0	0	0.0%	972	357	172.3%	0	0	0.0%	1,742	971	79.4%
EC/SEK CROSS RATES	0	0	0.0%	2,153	1,048	105.4%	0	0	0.0%	4,214	2,250	87.3%
EFX/BP CROSS RATES	0	0	0.0%	33,716	70,895	-52.4%	0	0	0.0%	64,031	113,355	-43.5%
EFX/JY CROSS RATES	0	0	0.0%	26,049	59,164	-56.0%	0	0	0.0%	53,284	92,870	-42.6%

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FX Futures												
EFX/SF CROSS RATES	0	0	0.0%	8,364	37,281	-77.6%	0	0	0.0%	22,604	59,732	-62.2%
E-MICRO USD/CAD	0	0	0.0%	120	343	-65.0%	0	0	0.0%	394	617	-36.1%
E-MICRO USD/CHF	0	0	0.0%	46	85	-45.9%	0	0	0.0%	287	99	189.9%
E-MICRO USD/JPY	0	0	0.0%	503	2,408	-79.1%	0	0	0.0%	2,336	4,444	-47.4%
E-MINI EURO FX	0	0	0.0%	128,683	120,053	7.2%	0	0	0.0%	278,388	234,676	18.6%
E-MINI JAPANESE YEN	0	0	0.0%	11,965	5,765	107.5%	0	0	0.0%	24,674	11,173	120.8%
EURO FX	0	0	0.0%	3,968,330	3,952,584	0.4%	0	0	0.0%	7,882,032	7,341,633	7.4%
HUNGARIAN FORINT (EC)	0	0	0.0%	6	0	0.0%	0	0	0.0%	7	0	0.0%
HUNGARIAN FORINT (US)	0	0	0.0%	12	0	0.0%	0	0	0.0%	21	23	-8.7%
INDIAN RUPEE	0	0	0.0%	31,048	21,023	47.7%	0	0	0.0%	79,160	35,702	121.7%
JAPANESE YEN	0	0	0.0%	2,637,620	2,113,774	24.8%	0	0	0.0%	5,583,196	4,240,187	31.7%
KOREAN WON	0	0	0.0%	173	353	-51.0%	0	0	0.0%	358	1,101	-67.5%
MEXICAN PESO	0	0	0.0%	924,966	931,833	-0.7%	0	0	0.0%	1,784,841	1,758,947	1.5%
MICRO AUD/USD	0	0	0.0%	277,589	293,377	-5.4%	0	0	0.0%	583,665	533,073	9.5%
MICRO CAD/USD	0	0	0.0%	61,896	46,391	33.4%	0	0	0.0%	127,045	116,897	8.7%
MICRO CHF/USD	0	0	0.0%	14,349	7,756	85.0%	0	0	0.0%	34,309	18,401	86.5%
MICRO EUR/USD	0	0	0.0%	629,987	632,130	-0.3%	0	0	0.0%	1,402,017	1,295,019	8.3%
MICRO GBP/USD	0	0	0.0%	73,976	73,468	0.7%	0	0	0.0%	151,847	159,697	-4.9%
MICRO INR/USD	0	0	0.0%	558	713	-21.7%	0	0	0.0%	1,300	1,670	-22.2%
MICRO JPY/USD	0	0	0.0%	0	39,150	-100.0%	0	0	0.0%	0	88,920	-100.0%
MICRO USD/CNH	0	0	0.0%	0	1	-100.0%	0	0	0.0%	0	1	-100.0%
NEW ZEALND DOLLAR	0	0	0.0%	553,897	546,937	1.3%	0	0	0.0%	1,049,425	1,031,201	1.8%
NKR/USD CROSS RATE	0	0	0.0%	1,242	2,957	-58.0%	0	0	0.0%	2,655	5,864	-54.7%
POLISH ZLOTY (EC)	0	0	0.0%	26	58	-55.2%	0	0	0.0%	46	98	-53.1%
POLISH ZLOTY (US)	0	0	0.0%	476	1,013	-53.0%	0	0	0.0%	1,015	1,579	-35.7%
RMB USD	0	0	0.0%	0	0	0.0%	0	0	0.0%	5	1	400.0%
RUSSIAN RUBLE	0	0	0.0%	0	311,357	-100.0%	0	0	0.0%	0	561,057	-100.0%
S.AFRICAN RAND	0	0	0.0%	57,763	83,032	-30.4%	0	0	0.0%	107,648	155,537	-30.8%
SF/JY CROSS RATES	0	0	0.0%	395	17	2,223.5%	0	0	0.0%	673	89	656.2%
SHEKEL	0	0	0.0%	70	22	218.2%	0	0	0.0%	82	34	141.2%
SKR/USD CROSS RATES	0	0	0.0%	3,718	5,461	-31.9%	0	0	0.0%	7,566	9,937	-23.9%
SWISS FRANC	0	0	0.0%	341,738	408,475	-16.3%	0	0	0.0%	729,607	838,581	-13.0%
TURKISH LIRA	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
USDZAR	0	0	0.0%	40	22	81.8%	0	0	0.0%	40	27	48.1%

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FX Options												
AUD/USD MONDAY OPTION W	0	0	0.0%	62	189	-67.2%	0	0	0.0%	88	875	-89.9%
AUD/USD MONDAY OPTION W	0	0	0.0%	151	2,006	-92.5%	0	0	0.0%	571	2,120	-73.1%
AUD/USD MONDAY OPTION W	0	0	0.0%	8	419	-98.1%	0	0	0.0%	8	419	-98.1%
AUD/USD MONDAY OPTION W	0	0	0.0%	31	412	-92.5%	0	0	0.0%	794	680	16.8%
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%	38,283	49,984	-23.4%	0	0	0.0%	71,210	112,970	-37.0%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,681	3,939	-31.9%	0	0	0.0%	3,419	5,804	-41.1%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,174	3,948	-70.3%	0	0	0.0%	3,098	6,738	-54.0%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	684	1,612	-57.6%	0	0	0.0%	2,657	4,352	-38.9%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	224	1,306	-82.8%	0	0	0.0%	377	1,573	-76.0%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	99	907	-89.1%	0	0	0.0%	349	1,635	-78.7%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	81	461	-82.4%	0	0	0.0%	264	615	-57.1%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	259	342	-24.3%	0	0	0.0%	622	1,183	-47.4%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
BRL/USD MONTHLY OPTIONS	0	0	0.0%	1	312	-99.7%	0	0	0.0%	5	1,304	-99.6%
CAD/USD MONDAY OPTIONS	0	0	0.0%	642	250	156.8%	0	0	0.0%	767	299	156.5%
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,936	1,562	23.9%	0	0	0.0%	2,785	2,613	6.6%
CAD/USD MONDAY OPTIONS	0	0	0.0%	8	23	-65.2%	0	0	0.0%	8	23	-65.2%
CAD/USD MONDAY OPTIONS	0	0	0.0%	665	1,352	-50.8%	0	0	0.0%	1,677	2,461	-31.9%
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%	44,004	44,455	-1.0%	0	0	0.0%	111,706	121,088	-7.7%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,790	4,216	-10.1%	0	0	0.0%	7,039	13,535	-48.0%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,699	5,955	-54.7%	0	0	0.0%	4,754	11,702	-59.4%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,120	4,618	-54.1%	0	0	0.0%	5,316	10,060	-47.2%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	346	0	0.0%	0	0	0.0%	346	0	0.0%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	216	1,979	-89.1%	0	0	0.0%	1,634	2,546	-35.8%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	473	2,009	-76.5%	0	0	0.0%	1,193	3,822	-68.8%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	2,593	2,185	18.7%	0	0	0.0%	3,262	3,412	-4.4%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	303	1,492	-79.7%	0	0	0.0%	2,586	3,414	-24.3%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	1,007	4,003	-74.8%	0	0	0.0%	4,976	15,171	-67.2%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%

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	Open Outcry FEB 2023	Open Outcry FEB 2022	% CHG	ELEC FEB 2023	ELEC FEB 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%	202	306	-34.0%	0	0	0.0%	308	602	-48.8%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	183	23	695.7%	0	0	0.0%	374	323	15.8%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	2,206	382	477.5%	0	0	0.0%	2,843	679	318.7%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	6	0	0.0%	0	0	0.0%	6	0	0.0%
EUR/GBP MONTHLY OPTIONS	0	0	0.0%	0	200	-100.0%	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	-	-	4,184	-	-	0	-	-	7,640	-	-
EUR/USD MONDAY OPTION W	0	0	0.0%	4,070	1,962	107.4%	0	0	0.0%	5,070	2,419	109.6%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,582	7,608	-79.2%	0	0	0.0%	3,971	9,927	-60.0%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,381	1,689	-18.2%	0	0	0.0%	1,381	1,689	-18.2%
EUR/USD MONDAY OPTION W	0	0	0.0%	3,079	2,501	23.1%	0	0	0.0%	4,221	3,328	26.8%
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%	243,536	279,622	-12.9%	0	0	0.0%	433,090	475,219	-8.9%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	16,378	26,894	-39.1%	0	0	0.0%	38,657	50,252	-23.1%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	36,144	15,750	129.5%	0	0	0.0%	56,305	32,617	72.6%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	13,856	30,291	-54.3%	0	0	0.0%	24,998	46,947	-46.8%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	241	0	0.0%	0	0	0.0%	241	0	0.0%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	3,646	8,596	-57.6%	0	0	0.0%	6,545	14,399	-54.5%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	8,459	5,050	67.5%	0	0	0.0%	13,533	9,516	42.2%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	8,384	6,421	30.6%	0	0	0.0%	11,814	11,199	5.5%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	5,769	4,593	25.6%	0	0	0.0%	9,287	9,546	-2.7%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
GBP/USD MONDAY OPTION W	0	0	0.0%	1,138	1,090	4.4%	0	0	0.0%	2,117	1,279	65.5%
GBP/USD MONDAY OPTION W	0	0	0.0%	1,511	1,632	-7.4%	0	0	0.0%	3,269	2,736	19.5%
GBP/USD MONDAY OPTION W	0	0	0.0%	818	348	135.1%	0	0	0.0%	818	348	135.1%
GBP/USD MONDAY OPTION W	0	0	0.0%	195	1,493	-86.9%	0	0	0.0%	432	1,779	-75.7%
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%	62,505	65,188	-4.1%	0	0	0.0%	119,391	125,133	-4.6%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,520	3,653	-3.6%	0	0	0.0%	6,465	6,000	7.8%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,975	4,563	-12.9%	0	0	0.0%	5,428	7,735	-29.8%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,759	2,464	-28.6%	0	0	0.0%	2,981	5,216	-42.8%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	354	0	0.0%	0	0	0.0%	354	0	0.0%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	205	3,100	-93.4%	0	0	0.0%	696	4,644	-85.0%

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	Open Outcry FEB 2023	Open Outcry FEB 2022	% CHG	ELEC FEB 2023	ELEC FEB 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%	2,393	1,063	125.1%	0	0	0.0%	4,565	1,927	136.9%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	426	791	-46.1%	0	0	0.0%	1,552	3,617	-57.1%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	345	580	-40.5%	0	0	0.0%	829	2,433	-65.9%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
JPY/USD MONDAY OPTION WE	0	0	0.0%	1,429	239	497.9%	0	0	0.0%	1,596	392	307.1%
JPY/USD MONDAY OPTION WE	0	0	0.0%	2,777	1,094	153.8%	0	0	0.0%	3,170	2,831	12.0%
JPY/USD MONDAY OPTION WE	0	0	0.0%	67	74	-9.5%	0	0	0.0%	67	74	-9.5%
JPY/USD MONDAY OPTION WE	0	0	0.0%	54	941	-94.3%	0	0	0.0%	1,403	1,407	-0.3%
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%	76,092	83,648	-9.0%	0	0	0.0%	179,071	211,567	-15.4%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	7,939	13,004	-38.9%	0	0	0.0%	14,078	24,125	-41.6%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	5,848	7,617	-23.2%	0	0	0.0%	16,154	19,236	-16.0%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	3,865	13,597	-71.6%	0	0	0.0%	9,172	22,077	-58.5%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	2	0	0.0%	0	0	0.0%	2	0	0.0%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,249	3,785	-40.6%	0	0	0.0%	4,968	6,107	-18.7%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,167	2,025	7.0%	0	0	0.0%	5,529	6,137	-9.9%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	4,210	3,183	32.3%	0	0	0.0%	8,445	5,332	58.4%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,496	3,000	-16.8%	0	0	0.0%	6,055	5,416	11.8%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MXN/USD MONTHLY OPTIONS	0	0	0.0%	179	280	-36.1%	0	0	0.0%	383	2,046	-81.3%
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%	38	10	280.0%	0	0	0.0%	49	50	-2.0%
NZD/USD WKLY FRIDAY OPTIO	0	-	-	1	-	-	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	-	-
Foreign Exchange Futures												
CHILEAN PESO	0	0	0.0%	0	23	-100.0%	0	0	0.0%	3	23	-87.0%

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	Open Outcry FEB 2023	Open Outcry FEB 2022	% CHG	ELEC FEB 2023	ELEC FEB 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
Foreign Exchange Options												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	15	1,676	-99.1%	0	0	0.0%	494	1,914	-74.2%
OTC AUDUSD SUB	0	-	-	956	-	-	0	-	-	1,890	-	-
OTC EURUSD SUB	0	-	-	5,175	-	-	0	-	-	6,201	-	-
OTC GBPUSD SUB	0	-	-	2,167	-	-	0	-	-	3,801	-	-
OTC USDCAD SUB	0	-	-	1,519	-	-	0	-	-	2,069	-	-
OTC USDJPY SUB	0	-	-	1,063	-	-	0	-	-	1,920	-	-

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Ag Products Futures												
BLOCK CHEESE	0	0	0.0%	316	219	44.3%	0	0	0.0%	487	553	-11.9%
BUTTER CS	0	0	0.0%	3,066	4,070	-24.7%	0	0	0.0%	6,361	10,871	-41.5%
CASH-SETTLED CHEESE	0	0	0.0%	10,253	7,321	40.0%	0	0	0.0%	21,708	18,838	15.2%
CAT ASIA WEATHER	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CATTLE	0	0	0.0%	1,021,975	1,111,619	-8.1%	0	0	0.0%	2,453,206	2,527,930	-3.0%
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%	433	2,603	-83.4%	0	0	0.0%	1,110	6,432	-82.7%
DRY WHEY	0	0	0.0%	894	1,153	-22.5%	0	0	0.0%	1,825	1,928	-5.3%
FEEDER CATTLE	0	0	0.0%	306,142	275,227	11.2%	0	0	0.0%	577,139	515,639	11.9%
GOLDMAN SACHS	0	0	0.0%	1,562	3,327	-53.1%	0	0	0.0%	3,603	6,764	-46.7%
GSCI EXCESS RETURN FUT	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	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%	852,645	925,917	-7.9%	0	0	0.0%	1,864,934	2,036,254	-8.4%
HOUSING INDEX	0	0	0.0%	23	12	91.7%	0	0	0.0%	35	29	20.7%
LUMBER	0	0	0.0%	12,415	10,027	23.8%	0	0	0.0%	24,758	18,251	35.7%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MILK	0	0	0.0%	21,433	26,739	-19.8%	0	0	0.0%	48,736	60,360	-19.3%
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%	5,274	7,275	-27.5%	0	0	0.0%	11,716	15,063	-22.2%
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%	1,201	2,526	-52.5%	0	0	0.0%	2,248	4,961	-54.7%
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%	163	70	132.9%	0	0	0.0%	190	370	-48.6%
BUTTER CS	0	0	0.0%	1,528	552	176.8%	0	0	0.0%	2,937	2,565	14.5%
CASH-SETTLED CHEESE	0	0	0.0%	3,962	6,033	-34.3%	0	0	0.0%	9,115	17,775	-48.7%
CATTLE	0	0	0.0%	227,282	204,568	11.1%	0	0	0.0%	435,658	378,325	15.2%
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%	6,080	7,275	-16.4%	0	0	0.0%	12,904	14,636	-11.8%
DRY WHEY	0	0	0.0%	5	21	-76.2%	0	0	0.0%	28	21	33.3%
FEEDER CATTLE	0	0	0.0%	47,335	34,428	37.5%	0	0	0.0%	95,959	62,412	53.8%
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%	241,777	299,638	-19.3%	0	0	0.0%	502,578	521,428	-3.6%
LUMBER	0	0	0.0%	231	517	-55.3%	0	0	0.0%	563	1,272	-55.7%
LV CATL CSO	0	-	-	5	-	-	0	-	-	30	-	-
MILK	0	0	0.0%	17,475	12,668	37.9%	0	0	0.0%	39,151	34,600	13.2%
MLK MID OPTIONS	0	0	0.0%	6	12	-50.0%	0	0	0.0%	9	14	-35.7%
NFD MILK	0	0	0.0%	4,316	2,952	46.2%	0	0	0.0%	8,052	7,602	5.9%
PORK CUTOUT	0	0	0.0%	0	0	0.0%	0	0	0.0%	2	0	0.0%
TOTAL FUTURES GROUP												
Interest Rate Futures	1,071,567	858,990	24.7%	76,392,405	77,971,081	-2.0%	1,726,755	1,537,463	12.3%	135,046,636	144,191,705	-6.3%
Equity Index Futures	0	0	0.0%	100,142,600	119,539,558	-16.2%	0	0	0.0%	202,709,279	255,256,069	-20.6%
FX Futures	0	0	0.0%	15,170,625	15,592,535	-2.7%	0	0	0.0%	30,470,996	30,108,954	1.2%
Foreign Exchange Futures	0	0	0.0%	0	23	-100.0%	0	0	0.0%	3	23	-87.0%
Ag Products Futures	0	0	0.0%	2,237,632	2,378,035	-5.9%	0	0	0.0%	5,017,866	5,223,873	-3.9%
TOTAL FUTURES	1,071,567	858,990	24.7%	193,943,262	215,481,232	-10.0%	1,726,755	1,537,463	12.3%	373,244,780	434,780,624	-14.2%

CME Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2023	Open Outcry FEB 2022	% CHG	ELEC FEB 2023	ELEC FEB 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%	23,618,275	21,894,280	7.9%	0	0	0.0%	46,547,409	47,564,698	-2.1%
Interest Rate Options	29,288,964	18,449,131	58.8%	13,823,057	8,582,275	61.1%	54,441,579	37,853,260	43.8%	24,265,582	18,869,627	28.6%
FX Options	0	0	0.0%	646,403	750,286	-13.8%	0	0	0.0%	1,253,799	1,474,227	-15.0%
Ag Products Options	0	0	0.0%	550,165	568,734	-3.3%	0	0	0.0%	1,107,176	1,041,020	6.4%
Foreign Exchange Options	0	0	0.0%	10,895	1,676	550.1%	0	0	0.0%	16,375	1,914	755.5%
TOTAL OPTIONS	29,288,964	18,449,131	58.8%	38,648,795	31,797,251	21.5%	54,441,579	37,853,260	43.8%	73,190,341	68,951,486	6.1%
TOTAL COMBINED												
Interest Rate	30,360,531	19,308,121	57.2%	90,215,462	86,553,356	4.2%	56,168,334	39,390,723	42.6%	159,312,218	163,061,332	-2.3%
Equity Index	0	0	0.0%	123,760,875	141,433,838	-12.5%	0	0	0.0%	249,256,688	302,820,767	-17.7%
FX	0	0	0.0%	15,817,028	16,342,821	-3.2%	0	0	0.0%	31,724,795	31,583,181	0.4%
Foreign Exchange	0	0	0.0%	10,895	1,699	541.3%	0	0	0.0%	16,378	1,937	745.5%
Ag Products	0	0	0.0%	2,787,797	2,946,769	-5.4%	0	0	0.0%	6,125,042	6,264,893	-2.2%
GRAND TOTAL	30,360,531	19,308,121	57.2%	232,592,057	247,278,483	-5.9%	56,168,334	39,390,723	42.6%	446,435,121	503,732,110	-11.4%