

CME Exchange Volume Comparison Report - Monthly

	Open Outcry JUL 2023	Open Outcry JUL 2022	% CHG	ELEC JUL 2023	ELEC JUL 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	7	-100.0%	0	0	0.0%	6	281	-97.9%
BSBY 3-MONTH FUTURES	0	0	0.0%	1,512	23,037	-93.4%	0	0	0.0%	31,259	457,232	-93.2%
ESTR Basis Spread Futures	0	-	-	921	-	-	0	-	-	8,988	-	-
ESTR Futures	0	-	-	122,699	-	-	0	-	-	435,204	-	-
EURODOLLARS	0	640,248	-100.0%	0	24,752,682	-100.0%	258,492	5,694,919	-95.5%	27,895,109	286,560,837	-90.3%
FTIE	0	0	0.0%	144	69	108.7%	0	0	0.0%	1,662	657	153.0%
SOFR	401,277	102,323	292.2%	54,725,496	35,035,620	56.2%	5,143,115	247,155	1,980.9%	476,738,052	208,878,549	128.2%
SONIA	0	0	0.0%	0	57	-100.0%	0	0	0.0%	194	1,293	-85.0%
Interest Rate Options												
EURODOLLARS	0	4,115,267	-100.0%	0	2,024,872	-100.0%	1,894,920	62,174,164	-97.0%	7,456,246	25,202,847	-70.4%
EURO MIDCURVE	0	1,793,909	-100.0%	0	985,794	-100.0%	396,228	37,148,425	-98.9%	201,525	19,041,921	-98.9%
SOFR	11,409,800	4,029,357	183.2%	5,904,940	1,887,479	212.8%	147,715,459	11,592,734	1,174.2%	59,713,338	4,702,023	1,169.9%
SOFR MIDCURVE	3,333,501	868,663	283.8%	1,446,303	331,395	336.4%	30,038,395	3,503,538	757.4%	11,366,158	1,248,751	810.2%
SOFR MISCURVE	0	-	-	0	-	-	0	-	-	700	-	-
Equity Index Futures												
BITCOIN	0	0	0.0%	195,133	232,248	-16.0%	0	0	0.0%	1,452,115	1,387,581	4.7%
E-mini FTSE China 50	0	0	0.0%	0	177	-100.0%	0	0	0.0%	44	6,841	-99.4%
E-MINI MIDCAP	0	0	0.0%	196,813	236,287	-16.7%	0	0	0.0%	1,909,409	2,358,229	-19.0%
E-MINI NASDAQ 100	0	0	0.0%	12,107,772	12,248,436	-1.1%	0	0	0.0%	95,116,258	101,410,831	-6.2%
E-MINI RUSSELL 1000	0	0	0.0%	1,246	1,556	-19.9%	0	0	0.0%	16,791	22,087	-24.0%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	1,641	1,400	17.2%	0	0	0.0%	16,661	33,981	-51.0%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	2,094	2,523	-17.0%	0	0	0.0%	32,583	57,763	-43.6%
E-MINI RUSSELL 2000	0	0	0.0%	3,450,316	3,584,594	-3.7%	0	0	0.0%	31,429,525	34,885,488	-9.9%
E-MINI S&P500	0	0	0.0%	27,462,159	33,869,951	-18.9%	0	0	0.0%	260,344,342	275,965,459	-5.7%
E-MINI S&P500 ESG	0	0	0.0%	9,715	10,235	-5.1%	0	0	0.0%	127,241	177,910	-28.5%
ETHER	0	-	-	0	-	-	0	-	-	0	-	-
ETHER FUTURES	0	0	0.0%	75,957	157,971	-51.9%	0	0	0.0%	730,136	886,787	-17.7%
FT-SE 100	0	0	0.0%	105	105	0.0%	0	0	0.0%	460	1,244	-63.0%
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%	16	45	-64.4%	0	0	0.0%	258	445	-42.0%
MICRO BITCOIN	0	0	0.0%	181,455	258,348	-29.8%	0	0	0.0%	1,496,973	2,563,493	-41.6%
MICRO E-MINI NASDAQ 100	0	0	0.0%	19,724,668	26,864,939	-26.6%	0	0	0.0%	150,402,593	222,415,979	-32.4%
MICRO E-MINI RUSSELL 2000	0	0	0.0%	1,283,107	1,933,174	-33.6%	0	0	0.0%	11,625,164	21,551,049	-46.1%
MICRO E-MINI S&P500	0	0	0.0%	13,838,451	25,310,520	-45.3%	0	0	0.0%	151,495,253	196,104,435	-22.7%
MICRO ETHER	0	0	0.0%	132,155	513,186	-74.2%	0	0	0.0%	1,357,469	3,017,295	-55.0%
NASDAQ-100 VOLATILITY	0	0	0.0%	0	647	-100.0%	0	0	0.0%	3,203	18,341	-82.5%
NASDAQ BIOTECH SECTOR	0	0	0.0%	335	65	415.4%	0	0	0.0%	1,148	1,269	-9.5%
Nearby BTIC+	0	0	0.0%	0	600	-100.0%	0	0	0.0%	0	4,150	-100.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	170,154	72,299	135.3%	0	0	0.0%	929,404	852,109	9.1%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	608,706	598,710	1.7%	0	0	0.0%	4,412,831	5,710,344	-22.7%
PHLX SEMICONDUCTOR SECT	0	-	-	13	-	-	0	-	-	1,954	-	-
S&P 500	0	0	0.0%	1,604	14	11,357.1%	0	0	0.0%	20,507	1,817	1,028.6%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	26,520	28,071	-5.5%	0	0	0.0%	213,937	217,536	-1.7%
S&P 500 QUARLY DIVIDEND IN	0	0	0.0%	3,467	4,656	-25.5%	0	0	0.0%	67,910	9,861	588.7%
S&P 600 SMALLCAP EMINI	0	-	-	55	-	-	0	-	-	55	-	-
S&P BIOTECHNOLOGY SECTO	0	-	-	107	-	-	0	-	-	3,831	-	-
S&P COMMUNICATION SERVIC	0	0	0.0%	1,286	1,589	-19.1%	0	0	0.0%	24,835	23,275	6.7%
S&P CONSUMER DISCRETION	0	0	0.0%	2,622	5,474	-52.1%	0	0	0.0%	38,046	50,137	-24.1%
S&P CONSUMER STAPLES SE	0	0	0.0%	9,512	8,014	18.7%	0	0	0.0%	115,286	110,000	4.8%
S&P ENERGY SECTOR	0	0	0.0%	9,621	38,824	-75.2%	0	0	0.0%	162,254	321,184	-49.5%
S&P FINANCIAL SECTOR	0	0	0.0%	9,166	10,661	-14.0%	0	0	0.0%	152,104	175,592	-13.4%
S&P HEALTH CARE SECTOR	0	0	0.0%	6,246	8,976	-30.4%	0	0	0.0%	88,415	135,123	-34.6%
S&P INDUSTRIAL SECTOR	0	0	0.0%	5,620	7,889	-28.8%	0	0	0.0%	77,406	94,767	-18.3%
S&P MATERIALS SECTOR	0	0	0.0%	4,120	5,675	-27.4%	0	0	0.0%	54,032	56,258	-4.0%
S&P OIL & GAS EXPLORATION	0	-	-	221	-	-	0	-	-	1,418	-	-
S&P REAL ESTATE SECTOR	0	0	0.0%	2,201	1,971	11.7%	0	0	0.0%	38,869	29,140	33.4%
S&P REGIONAL BANKS SECTO	0	-	-	336	-	-	0	-	-	6,180	-	-
S&P RETAIL SECTOR	0	-	-	34	-	-	0	-	-	1,674	-	-
S&P TECHNOLOGY SECTOR	0	0	0.0%	3,764	9,019	-58.3%	0	0	0.0%	76,916	131,329	-41.4%
S&P UTILITIES SECTOR	0	0	0.0%	12,109	10,132	19.5%	0	0	0.0%	117,789	118,965	-1.0%
S&P VALUE INDEX FUTURES	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TOPIX (USD)	0	-	-	40	-	-	0	-	-	612	-	-
TOPIX (YEN)	0	0	0.0%	409	87	370.1%	0	0	0.0%	1,819	15,638	-88.4%
WATER INDEX FUTURES	0	0	0.0%	8	11	-27.3%	0	0	0.0%	125	567	-78.0%

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Equity Index Options												
BITCOIN OPTIONS	0	0	0.0%	2,642	1,205	119.3%	0	0	0.0%	18,363	9,551	92.3%
E-MINI NASDAQ 100	0	0	0.0%	1,578,967	873,401	80.8%	0	0	0.0%	8,874,784	6,968,563	27.4%
E-MINI RUSSELL 2000	0	0	0.0%	104,706	93,338	12.2%	0	0	0.0%	1,018,653	1,011,540	0.7%
E-MINI S&P500	0	0	0.0%	20,280,314	17,607,387	15.2%	0	0	0.0%	159,769,121	147,670,739	8.2%
EOM S&P 500	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ETHER OPTIONS	0	-	-	1,540	-	-	0	-	-	6,507	-	-
EVENT CONTRACT S&P 500	0	-	-	7,328	-	-	0	-	-	36,131	-	-
MICRO BITCOIN	0	0	0.0%	15,727	14,300	10.0%	0	0	0.0%	68,784	39,309	75.0%
MICRO E-MINI NASDAQ 100	0	0	0.0%	51,014	35,095	45.4%	0	0	0.0%	378,177	409,624	-7.7%
Micro E-mini S&P 500	0	0	0.0%	162,990	176,738	-7.8%	0	0	0.0%	1,613,866	1,667,913	-3.2%
MICRO ETHER	0	0	0.0%	7,371	27,582	-73.3%	0	0	0.0%	113,904	47,619	139.2%
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%	0	21	-100.0%	0	0	0.0%	167	335	-50.1%
AD/JY CROSS RATES	0	0	0.0%	862	2,944	-70.7%	0	0	0.0%	10,737	35,336	-69.6%
AD/NE CROSS RATES	0	0	0.0%	5,016	1,843	172.2%	0	0	0.0%	22,679	12,520	81.1%
AUSTRALIAN DOLLAR	0	0	0.0%	1,799,093	1,974,111	-8.9%	0	0	0.0%	13,651,932	14,246,888	-4.2%
BP/JY CROSS RATES	0	0	0.0%	1,814	2,344	-22.6%	0	0	0.0%	15,965	25,369	-37.1%
BP/SF CROSS RATES	0	0	0.0%	2,026	644	214.6%	0	0	0.0%	16,415	12,481	31.5%
BRAZIL REAL	0	0	0.0%	262,710	239,413	9.7%	0	0	0.0%	1,740,428	2,001,449	-13.0%
BRITISH POUND	0	0	0.0%	2,022,741	2,270,450	-10.9%	0	0	0.0%	15,013,694	16,115,825	-6.8%
CANADIAN DOLLAR	0	0	0.0%	1,284,584	1,881,790	-31.7%	0	0	0.0%	11,732,902	12,529,657	-6.4%
CD/JY CROSS RATES	0	0	0.0%	92	4	2,200.0%	0	0	0.0%	338	269	25.7%
CHILEAN PESO	0	0	0.0%	0	0	0.0%	0	0	0.0%	45	24	87.5%
CHINESE RENMINBI (CNH)	0	0	0.0%	30,667	19,787	55.0%	0	0	0.0%	186,277	179,050	4.0%
CZECK KORUNA (EC)	0	0	0.0%	0	1	-100.0%	0	0	0.0%	5	19	-73.7%
CZECK KORUNA (US)	0	0	0.0%	5	0	0.0%	0	0	0.0%	28	18	55.6%
EC/AD CROSS RATES	0	0	0.0%	1,453	3,075	-52.7%	0	0	0.0%	29,439	35,607	-17.3%
EC/CD CROSS RATES	0	0	0.0%	3,247	7,080	-54.1%	0	0	0.0%	39,289	58,446	-32.8%
EC/NOK CROSS RATES	0	0	0.0%	1,659	893	85.8%	0	0	0.0%	8,592	8,462	1.5%
EC/SEK CROSS RATES	0	0	0.0%	1,069	3,799	-71.9%	0	0	0.0%	14,740	14,844	-0.7%

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FX Futures												
EFX/BP CROSS RATES	0	0	0.0%	46,841	68,235	-31.4%	0	0	0.0%	415,985	630,417	-34.0%
EFX/JY CROSS RATES	0	0	0.0%	43,827	37,738	16.1%	0	0	0.0%	310,130	392,516	-21.0%
EFX/SF CROSS RATES	0	0	0.0%	12,357	21,903	-43.6%	0	0	0.0%	145,157	291,567	-50.2%
E-MICRO USD/CAD	0	0	0.0%	28	93	-69.9%	0	0	0.0%	932	1,685	-44.7%
E-MICRO USD/CHF	0	0	0.0%	70	42	66.7%	0	0	0.0%	1,148	611	87.9%
E-MICRO USD/JPY	0	0	0.0%	7,062	43,924	-83.9%	0	0	0.0%	21,386	145,933	-85.3%
E-MINI EURO FX	0	0	0.0%	97,581	170,072	-42.6%	0	0	0.0%	878,841	975,945	-9.9%
E-MINI JAPANESE YEN	0	0	0.0%	15,212	10,410	46.1%	0	0	0.0%	86,191	65,527	31.5%
EURO FX	0	0	0.0%	3,952,102	4,778,238	-17.3%	0	0	0.0%	32,680,001	32,541,298	0.4%
HUNGARIAN FORINT (EC)	0	0	0.0%	1	0	0.0%	0	0	0.0%	21	2	950.0%
HUNGARIAN FORINT (US)	0	0	0.0%	6	1	500.0%	0	0	0.0%	82	36	127.8%
INDIAN RUPEE	0	0	0.0%	20,817	32,225	-35.4%	0	0	0.0%	195,613	152,361	28.4%
JAPANESE YEN	0	0	0.0%	4,109,294	3,067,665	34.0%	0	0	0.0%	25,250,879	20,449,985	23.5%
KOREAN WON	0	0	0.0%	534	198	169.7%	0	0	0.0%	1,932	2,423	-20.3%
MEXICAN PESO	0	0	0.0%	920,487	1,042,225	-11.7%	0	0	0.0%	8,451,131	7,867,106	7.4%
MICRO AUD/USD	0	0	0.0%	276,487	214,442	28.9%	0	0	0.0%	1,889,216	1,836,182	2.9%
MICRO CAD/USD	0	0	0.0%	45,095	56,198	-19.8%	0	0	0.0%	380,698	408,439	-6.8%
MICRO CHF/USD	0	0	0.0%	16,101	25,519	-36.9%	0	0	0.0%	107,915	114,304	-5.6%
MICRO EUR/USD	0	0	0.0%	578,208	922,829	-37.3%	0	0	0.0%	4,428,716	5,141,312	-13.9%
MICRO GBP/USD	0	0	0.0%	63,479	111,230	-42.9%	0	0	0.0%	479,739	675,131	-28.9%
MICRO INR/USD	0	0	0.0%	296	513	-42.3%	0	0	0.0%	3,270	5,397	-39.4%
MICRO JPY/USD	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	101,719	-100.0%
MICRO USD/CNH	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2	-100.0%
NEW ZEALND DOLLAR	0	0	0.0%	626,872	568,138	10.3%	0	0	0.0%	4,394,378	4,138,506	6.2%
NKR/USD CROSS RATE	0	0	0.0%	2,642	1,473	79.4%	0	0	0.0%	22,366	20,755	7.8%
POLISH ZLOTY (EC)	0	0	0.0%	31	13	138.5%	0	0	0.0%	347	990	-64.9%
POLISH ZLOTY (US)	0	0	0.0%	577	1,122	-48.6%	0	0	0.0%	6,829	9,542	-28.4%
RMB USD	0	0	0.0%	0	5	-100.0%	0	0	0.0%	5	15	-66.7%
RUSSIAN RUBLE	0	0	0.0%	0	108	-100.0%	0	0	0.0%	0	576,666	-100.0%
S.AFRICAN RAND	0	0	0.0%	98,170	92,034	6.7%	0	0	0.0%	531,427	656,432	-19.0%
SF/JY CROSS RATES	0	0	0.0%	399	732	-45.5%	0	0	0.0%	3,959	4,115	-3.8%
SHEKEL	0	0	0.0%	113	18	527.8%	0	0	0.0%	552	98	463.3%
SKR/USD CROSS RATES	0	0	0.0%	3,170	3,809	-16.8%	0	0	0.0%	31,883	43,162	-26.1%
SWISS FRANC	0	0	0.0%	422,213	547,475	-22.9%	0	0	0.0%	3,129,298	3,681,493	-15.0%
TURKISH LIRA	0	0	0.0%	0	0	0.0%	0	0	0.0%	20	0	0.0%

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FX Futures												
USDZAR	0	0	0.0%	0	0	0.0%	0	0	0.0%	105	31	238.7%
FX Options												
AUD/USD MONDAY OPTION W	0	0	0.0%	14	29	-51.7%	0	0	0.0%	1,292	1,698	-23.9%
AUD/USD MONDAY OPTION W	0	0	0.0%	225	38	492.1%	0	0	0.0%	2,761	3,091	-10.7%
AUD/USD MONDAY OPTION W	0	0	0.0%	306	8	3,725.0%	0	0	0.0%	1,718	1,994	-13.8%
AUD/USD MONDAY OPTION W	0	0	0.0%	314	488	-35.7%	0	0	0.0%	1,814	2,789	-35.0%
AUD/USD MONDAY OPTION W	0	0	0.0%	175	0	0.0%	0	0	0.0%	490	779	-37.1%
AUD/USD MONTHLY OPTIONS	0	0	0.0%	72,239	64,682	11.7%	0	0	0.0%	399,796	488,576	-18.2%
AUD/USD THURSDAY WKLY O	0	-	-	851	-	-	0	-	-	1,011	-	-
AUD/USD THURSDAY WKLY O	0	-	-	355	-	-	0	-	-	638	-	-
AUD/USD THURSDAY WKLY O	0	-	-	19	-	-	0	-	-	1,171	-	-
AUD/USD THURSDAY WKLY O	0	-	-	51	-	-	0	-	-	448	-	-
AUD/USD THURSDAY WKLY O	0	-	-	0	-	-	0	-	-	488	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	23	-	-	0	-	-	235	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	635	-	-	0	-	-	1,732	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	468	-	-	0	-	-	1,038	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	227	-	-	0	-	-	531	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	0	-	-	0	-	-	205	-	-
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1	33	-97.0%	0	0	0.0%	1,394	2,979	-53.2%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,363	378	260.6%	0	0	0.0%	9,372	11,214	-16.4%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,373	2,350	-41.6%	0	0	0.0%	10,641	15,638	-32.0%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,701	1,153	47.5%	0	0	0.0%	11,675	10,316	13.2%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	1,952	-100.0%	0	0	0.0%	2,092	3,917	-46.6%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	338	35	865.7%	0	0	0.0%	3,392	5,416	-37.4%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	398	284	40.1%	0	0	0.0%	1,645	3,512	-53.2%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	815	158	415.8%	0	0	0.0%	2,287	4,932	-53.6%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	482	474	1.7%	0	0	0.0%	1,945	4,147	-53.1%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	522	259	101.5%
BRL/USD MONTHLY OPTIONS	0	0	0.0%	0	286	-100.0%	0	0	0.0%	205	2,372	-91.4%
CAD/USD MONDAY OPTIONS	0	0	0.0%	141	194	-27.3%	0	0	0.0%	6,102	1,288	373.8%
CAD/USD MONDAY OPTIONS	0	0	0.0%	234	715	-67.3%	0	0	0.0%	8,585	8,490	1.1%
CAD/USD MONDAY OPTIONS	0	0	0.0%	442	1,198	-63.1%	0	0	0.0%	5,372	6,017	-10.7%

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	Open Outcry JUL 2023	Open Outcry JUL 2022	% CHG	ELEC JUL 2023	ELEC JUL 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												
CAD/USD MONDAY OPTIONS	0	0	0.0%	55	318	-82.7%	0	0	0.0%	4,701	5,303	-11.4%
CAD/USD MONDAY OPTIONS	0	0	0.0%	91	0	0.0%	0	0	0.0%	338	1,256	-73.1%
CAD/USD MONTHLY OPTIONS	0	0	0.0%	26,415	55,018	-52.0%	0	0	0.0%	387,291	430,525	-10.0%
CAD/USD THURSDAY WKLY O	0	-	-	307	-	-	0	-	-	2,264	-	-
CAD/USD THURSDAY WKLY O	0	-	-	112	-	-	0	-	-	2,257	-	-
CAD/USD THURSDAY WKLY O	0	-	-	164	-	-	0	-	-	2,404	-	-
CAD/USD THURSDAY WKLY O	0	-	-	7	-	-	0	-	-	3,529	-	-
CAD/USD THURSDAY WKLY O	0	-	-	0	-	-	0	-	-	1,972	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	183	-	-	0	-	-	2,811	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	492	-	-	0	-	-	4,960	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	40	-	-	0	-	-	2,757	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	460	-	-	0	-	-	1,304	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	0	-	-	0	-	-	808	-	-
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	65	14	364.3%	0	0	0.0%	5,572	7,674	-27.4%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,920	1,703	71.5%	0	0	0.0%	15,310	24,219	-36.8%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	867	7,347	-88.2%	0	0	0.0%	15,237	39,900	-61.8%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,228	2,207	1.0%	0	0	0.0%	20,719	31,922	-35.1%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	5,541	-100.0%	0	0	0.0%	7,528	9,867	-23.7%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	334	370	-9.7%	0	0	0.0%	9,404	6,230	50.9%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	620	1,990	-68.8%	0	0	0.0%	8,157	8,587	-5.0%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	140	887	-84.2%	0	0	0.0%	6,012	10,147	-40.8%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,244	1,191	4.5%	0	0	0.0%	8,794	13,162	-33.2%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,131	4,112	-48.2%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	5,011	4,228	18.5%	0	0	0.0%	24,535	33,709	-27.2%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	2	-100.0%	0	0	0.0%	135	575	-76.5%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	1,201	1	120,000.0%	0	0	0.0%	5,443	835	551.9%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	1,066	393	171.2%	0	0	0.0%	4,789	859	457.5%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	5,323	47	11,225.5%	0	0	0.0%	12,307	997	1,134.4%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	68	-100.0%	0	0	0.0%	3,057	82	3,628.0%
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%
EUR/USD MONDAY OPTION W	0	0	0.0%	158	1,184	-86.7%	0	0	0.0%	13,375	11,438	16.9%
EUR/USD MONDAY OPTION W	0	0	0.0%	775	855	-9.4%	0	0	0.0%	12,018	18,364	-34.6%
EUR/USD MONDAY OPTION W	0	0	0.0%	2,149	1,634	31.5%	0	0	0.0%	9,395	7,412	26.8%
EUR/USD MONDAY OPTION W	0	0	0.0%	170	1,417	-88.0%	0	0	0.0%	12,694	19,426	-34.7%

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FX Options												
EUR/USD MONDAY OPTION W	0	0	0.0%	1,106	0	0.0%	0	0	0.0%	2,061	2,856	-27.8%
EUR/USD MONTHLY OPTIONS	0	0	0.0%	235,739	262,664	-10.3%	0	0	0.0%	1,589,215	1,605,650	-1.0%
EUR/USD THURSDAY WKLY O	0	-	-	861	-	-	0	-	-	6,215	-	-
EUR/USD THURSDAY WKLY O	0	-	-	285	-	-	0	-	-	4,484	-	-
EUR/USD THURSDAY WKLY O	0	-	-	40	-	-	0	-	-	4,528	-	-
EUR/USD THURSDAY WKLY O	0	-	-	481	-	-	0	-	-	6,799	-	-
EUR/USD THURSDAY WKLY O	0	-	-	0	-	-	0	-	-	99	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	1,015	-	-	0	-	-	1,709	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	458	-	-	0	-	-	5,352	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	677	-	-	0	-	-	5,585	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	421	-	-	0	-	-	3,758	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	0	-	-	0	-	-	1,419	-	-
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	51	321	-84.1%	0	0	0.0%	13,583	36,007	-62.3%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	22,596	4,298	425.7%	0	0	0.0%	122,060	104,483	16.8%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	44,030	13,093	236.3%	0	0	0.0%	162,995	110,682	47.3%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	12,809	15,353	-16.6%	0	0	0.0%	188,364	132,173	42.5%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	22,562	-100.0%	0	0	0.0%	19,227	43,204	-55.5%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	4,976	6,755	-26.3%	0	0	0.0%	31,598	41,248	-23.4%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	3,633	7,579	-52.1%	0	0	0.0%	39,367	36,262	8.6%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	2,651	4,632	-42.8%	0	0	0.0%	32,263	37,845	-14.7%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	2,805	7,215	-61.1%	0	0	0.0%	30,436	41,158	-26.1%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	10,434	13,048	-20.0%
EVENT CONTRACT EUR/USD	0	-	-	6,356	-	-	0	-	-	37,060	-	-
GBP/USD MONDAY OPTION W	0	0	0.0%	21	1,141	-98.2%	0	0	0.0%	4,357	4,136	5.3%
GBP/USD MONDAY OPTION W	0	0	0.0%	717	620	15.6%	0	0	0.0%	7,903	7,323	7.9%
GBP/USD MONDAY OPTION W	0	0	0.0%	80	82	-2.4%	0	0	0.0%	2,451	2,082	17.7%
GBP/USD MONDAY OPTION W	0	0	0.0%	173	848	-79.6%	0	0	0.0%	3,238	3,881	-16.6%
GBP/USD MONDAY OPTION W	0	0	0.0%	191	0	0.0%	0	0	0.0%	591	361	63.7%
GBP/USD MONTHLY OPTIONS	0	0	0.0%	55,764	75,740	-26.4%	0	0	0.0%	407,573	493,619	-17.4%
GBP/USD THURSDAY WKLY O	0	-	-	159	-	-	0	-	-	1,467	-	-
GBP/USD THURSDAY WKLY O	0	-	-	860	-	-	0	-	-	1,576	-	-
GBP/USD THURSDAY WKLY O	0	-	-	289	-	-	0	-	-	2,072	-	-
GBP/USD THURSDAY WKLY O	0	-	-	108	-	-	0	-	-	866	-	-
GBP/USD THURSDAY WKLY O	0	-	-	0	-	-	0	-	-	291	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	30	-	-	0	-	-	974	-	-

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FX Options												
GBP/USD TUESDAY WKLY OPT	0	-	-	293	-	-	0	-	-	2,533	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	86	-	-	0	-	-	1,677	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	132	-	-	0	-	-	1,416	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	0	-	-	0	-	-	341	-	-
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	15	-100.0%	0	0	0.0%	2,682	4,286	-37.4%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,623	1,567	131.2%	0	0	0.0%	21,372	14,393	48.5%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,755	2,615	43.6%	0	0	0.0%	27,728	19,264	43.9%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,699	787	242.9%	0	0	0.0%	14,719	15,447	-4.7%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	1,458	-100.0%	0	0	0.0%	4,028	5,566	-27.6%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,324	1,389	-4.7%	0	0	0.0%	5,303	9,206	-42.4%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	857	483	77.4%	0	0	0.0%	7,859	3,510	123.9%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	2,099	244	760.2%	0	0	0.0%	8,795	7,213	21.9%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	351	1,881	-81.3%	0	0	0.0%	5,063	6,371	-20.5%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	665	481	38.3%
JPY/USD MONDAY OPTION WE	0	0	0.0%	348	767	-54.6%	0	0	0.0%	3,851	2,897	32.9%
JPY/USD MONDAY OPTION WE	0	0	0.0%	505	238	112.2%	0	0	0.0%	11,147	6,030	84.9%
JPY/USD MONDAY OPTION WE	0	0	0.0%	104	352	-70.5%	0	0	0.0%	2,084	2,000	4.2%
JPY/USD MONDAY OPTION WE	0	0	0.0%	155	1,005	-84.6%	0	0	0.0%	5,829	7,141	-18.4%
JPY/USD MONDAY OPTION WE	0	0	0.0%	1,130	0	0.0%	0	0	0.0%	2,177	51	4,168.6%
JPY/USD MONTHLY OPTIONS	0	0	0.0%	132,733	95,115	39.6%	0	0	0.0%	660,230	967,830	-31.8%
JPY/USD THURSDAY WKLY OP	0	-	-	1,502	-	-	0	-	-	1,644	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	606	-	-	0	-	-	716	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	12	-	-	0	-	-	235	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	10	-	-	0	-	-	149	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	0	-	-	0	-	-	253	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	19	-	-	0	-	-	110	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	38	-	-	0	-	-	3,367	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	159	-	-	0	-	-	2,127	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	529	-	-	0	-	-	1,513	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	0	-	-	0	-	-	37	-	-
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	2	16	-87.5%	0	0	0.0%	3,234	23,956	-86.5%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	9,491	2,669	255.6%	0	0	0.0%	46,156	57,013	-19.0%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	4,573	10,954	-58.3%	0	0	0.0%	48,349	80,717	-40.1%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	15,032	12,294	22.3%	0	0	0.0%	46,873	74,776	-37.3%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	12,191	-100.0%	0	0	0.0%	9,352	27,899	-66.5%

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FX Options												
JPY/USD WKLY WED OPTIONS	0	0	0.0%	6,956	4,094	69.9%	0	0	0.0%	20,538	23,573	-12.9%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	4,140	4,191	-1.2%	0	0	0.0%	18,720	20,913	-10.5%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,756	3,766	-0.3%	0	0	0.0%	23,364	18,654	25.2%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,218	7,037	-68.5%	0	0	0.0%	15,462	28,729	-46.2%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,102	7,555	-58.9%
MXN/USD MONTHLY OPTIONS	0	0	0.0%	1,561	89	1,653.9%	0	0	0.0%	3,305	4,425	-25.3%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	17	-100.0%
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%	77	3	2,466.7%	0	0	0.0%	221	506	-56.3%
NZD/USD WKLY FRIDAY OPTIO	0	-	-	0	-	-	0	-	-	2	-	-
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%
USD/CNH MONTHLY OPTIONS	0	-	-	0	-	-	0	-	-	51	-	-
USD/CNH WEEKLY FRIDAY OP	0	-	-	0	-	-	0	-	-	34	-	-
ZAR/USD MONTHLY OPTIONS	0	-	-	0	-	-	0	-	-	0	-	-

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	Open Outcry JUL 2023	Open Outcry JUL 2022	% CHG	ELEC JUL 2023	ELEC JUL 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%	730	390	87.2%	0	0	0.0%	2,921	1,908	53.1%
BUTTER CS	0	0	0.0%	3,108	3,920	-20.7%	0	0	0.0%	24,329	30,390	-19.9%
CASH-SETTLED CHEESE	0	0	0.0%	14,038	10,256	36.9%	0	0	0.0%	94,842	67,491	40.5%
CAT ASIA WEATHER	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CATTLE	0	0	0.0%	1,528,778	1,143,406	33.7%	0	0	0.0%	9,678,348	8,609,110	12.4%
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%	150	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%	1,402	3,122	-55.1%	0	0	0.0%	7,482	17,449	-57.1%
DRY WHEY	0	0	0.0%	811	820	-1.1%	0	0	0.0%	7,840	6,997	12.0%
FEEDER CATTLE	0	0	0.0%	360,188	296,538	21.5%	0	0	0.0%	2,415,225	1,859,806	29.9%
GOLDMAN SACHS	0	0	0.0%	1,687	2,349	-28.2%	0	0	0.0%	12,150	20,816	-41.6%
GSCI EXCESS RETURN FUT	0	0	0.0%	0	30	-100.0%	0	0	0.0%	23	52	-55.8%
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%	1,124,528	970,407	15.9%	0	0	0.0%	7,801,433	6,814,903	14.5%
HOUSING INDEX	0	0	0.0%	18	7	157.1%	0	0	0.0%	106	118	-10.2%
LUMBER	0	0	0.0%	15,198	6,270	142.4%	0	0	0.0%	97,038	54,530	78.0%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MILK	0	0	0.0%	41,403	27,986	47.9%	0	0	0.0%	221,522	204,368	8.4%
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%	3,998	5,012	-20.2%	0	0	0.0%	34,172	42,445	-19.5%
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%	1,688	1,761	-4.1%	0	0	0.0%	10,747	17,216	-37.6%
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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	Open Outcry JUL 2023	Open Outcry JUL 2022	% CHG	ELEC JUL 2023	ELEC JUL 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 Options												
BLOCK CHEESE	0	0	0.0%	438	86	409.3%	0	0	0.0%	1,990	2,457	-19.0%
BUTTER CS	0	0	0.0%	2,236	1,243	79.9%	0	0	0.0%	13,684	9,184	49.0%
CASH-SETTLED CHEESE	0	0	0.0%	8,483	4,960	71.0%	0	0	0.0%	46,294	44,663	3.7%
CATTLE	0	0	0.0%	312,657	164,974	89.5%	0	0	0.0%	2,079,857	1,473,141	41.2%
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%	13,052	6,211	110.1%	0	0	0.0%	45,981	44,677	2.9%
DRY WHEY	0	0	0.0%	0	392	-100.0%	0	0	0.0%	73	2,545	-97.1%
FEEDER CATTLE	0	0	0.0%	49,872	37,123	34.3%	0	0	0.0%	394,577	243,205	62.2%
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%	339,354	212,690	59.6%	0	0	0.0%	2,114,350	1,580,586	33.8%
LUMBER	0	0	0.0%	280	291	-3.8%	0	0	0.0%	1,738	3,154	-44.9%
LV CATL CSO	0	-	-	0	-	-	0	-	-	60	-	-
MILK	0	0	0.0%	25,991	33,800	-23.1%	0	0	0.0%	153,026	144,935	5.6%
MLK MID OPTIONS	0	0	0.0%	4	0	0.0%	0	0	0.0%	19	45	-57.8%
NFD MILK	0	0	0.0%	2,868	3,028	-5.3%	0	0	0.0%	24,885	25,029	-0.6%
PORK CUTOUT	0	0	0.0%	4	0	0.0%	0	0	0.0%	11	35	-68.6%
TOTAL FUTURES GROUP												
Interest Rate Futures	401,277	742,571	-46.0%	54,850,772	59,811,472	-8.3%	5,401,607	5,942,074	-9.1%	505,110,474	495,898,849	1.9%
Equity Index Futures	0	0	0.0%	79,541,079	106,039,079	-25.0%	0	0	0.0%	714,165,835	870,924,299	-18.0%
FX Futures	0	0	0.0%	16,777,110	18,226,826	-8.0%	0	0	0.0%	126,333,824	126,208,302	0.1%
Ag Products Futures	0	0	0.0%	3,097,575	2,472,274	25.3%	0	0	0.0%	20,408,328	17,747,599	15.0%
TOTAL FUTURES	401,277	742,571	-46.0%	154,266,536	186,549,651	-17.3%	5,401,607	5,942,074	-9.1%	1,366,018,461	1,510,779,049	-9.6%

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	Open Outcry JUL 2023	Open Outcry JUL 2022	% CHG	ELEC JUL 2023	ELEC JUL 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%	22,212,599	18,829,046	18.0%	0	0	0.0%	171,898,290	157,824,858	8.9%
Interest Rate Options	14,743,301	10,807,196	36.4%	7,351,243	5,229,540	40.6%	180,045,002	114,418,861	57.4%	78,737,967	50,195,542	56.9%
FX Options	0	0	0.0%	736,044	748,993	-1.7%	0	0	0.0%	4,884,988	5,422,666	-9.9%
Ag Products Options	0	0	0.0%	755,239	464,798	62.5%	0	0	0.0%	4,876,545	3,573,656	36.5%
TOTAL OPTIONS	14,743,301	10,807,196	36.4%	31,055,125	25,272,377	22.9%	180,045,002	114,418,861	57.4%	260,397,790	217,016,722	20.0%
TOTAL COMBINED												
Interest Rate	15,144,578	11,549,767	31.1%	62,202,015	65,041,012	-4.4%	185,446,609	120,360,935	54.1%	583,848,441	546,094,391	6.9%
Equity Index	0	0	0.0%	101,753,678	124,868,125	-18.5%	0	0	0.0%	886,064,125	1,028,749,157	-13.9%
FX	0	0	0.0%	17,513,154	18,975,819	-7.7%	0	0	0.0%	131,218,812	131,630,968	-0.3%
Ag Products	0	0	0.0%	3,852,814	2,937,072	31.2%	0	0	0.0%	25,284,873	21,321,255	18.6%
GRAND TOTAL	15,144,578	11,549,767	31.1%	185,321,661	211,822,028	-12.5%	185,446,609	120,360,935	54.1%	1,626,416,251	1,727,795,771	-5.9%