

CME Exchange Volume Comparison Report - Monthly

	Open Outcry MAY 2023	Open Outcry MAY 2022	% CHG	ELEC MAY 2023	ELEC MAY 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	170	-100.0%	0	0	0.0%	6	227	-97.4%
BSBY 3-MONTH FUTURES	0	0	0.0%	3,235	59,866	-94.6%	0	0	0.0%	27,412	422,570	-93.5%
ESTR Basis Spread Futures	0	-	-	178	-	-	0	-	-	4,846	-	-
ESTR Futures	0	-	-	44,247	-	-	0	-	-	177,484	-	-
EURODOLLARS	100	318,838	-100.0%	504,689	30,472,977	-98.3%	256,840	3,474,839	-92.6%	27,670,851	228,570,994	-87.9%
FTIIE	0	0	0.0%	80	23	247.8%	0	0	0.0%	1,183	466	153.9%
SOFR	509,362	17,887	2,747.7%	72,510,557	30,820,084	135.3%	4,135,355	68,587	5,929.4%	354,480,365	132,644,567	167.2%
SONIA	0	0	0.0%	10	0	0.0%	0	0	0.0%	178	1,046	-83.0%
Interest Rate Options												
EURODOLLARS	106,280	6,918,416	-98.5%	486,192	2,655,028	-81.7%	1,876,670	49,756,298	-96.2%	7,075,289	19,961,303	-64.6%
EURO MIDCURVE	0	4,275,541	-100.0%	0	2,213,365	-100.0%	396,228	31,998,044	-98.8%	201,525	16,190,922	-98.8%
SOFR	23,851,073	2,017,626	1,082.1%	9,093,557	525,919	1,629.1%	118,606,546	3,561,092	3,230.6%	46,319,549	756,908	6,019.6%
SOFR MIDCURVE	2,988,065	549,852	443.4%	1,049,472	90,411	1,060.8%	22,694,970	1,669,393	1,259.5%	8,650,916	362,485	2,286.6%
SOFR MISCURVE	0	-	-	0	-	-	0	-	-	700	-	-
Equity Index Futures												
BITCOIN	0	0	0.0%	200,452	240,374	-16.6%	0	0	0.0%	1,007,009	899,427	12.0%
E-mini FTSE China 50	0	0	0.0%	0	417	-100.0%	0	0	0.0%	44	6,087	-99.3%
E-MINI MIDCAP	0	0	0.0%	259,547	275,047	-5.6%	0	0	0.0%	1,367,564	1,677,588	-18.5%
E-MINI NASDAQ 100	0	0	0.0%	14,309,612	15,645,484	-8.5%	0	0	0.0%	68,346,854	73,695,661	-7.3%
E-MINI RUSSELL 1000	0	0	0.0%	936	2,510	-62.7%	0	0	0.0%	8,372	15,469	-45.9%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	2,003	2,943	-31.9%	0	0	0.0%	8,964	26,479	-66.1%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	2,253	4,533	-50.3%	0	0	0.0%	17,575	33,835	-48.1%
E-MINI RUSSELL 2000	0	0	0.0%	4,554,181	4,925,297	-7.5%	0	0	0.0%	22,151,674	25,239,084	-12.2%
E-MINI S&P500	0	0	0.0%	35,395,685	42,178,038	-16.1%	0	0	0.0%	189,642,854	194,450,907	-2.5%
E-MINI S&P500 ESG	0	0	0.0%	11,733	11,906	-1.5%	0	0	0.0%	88,397	139,497	-36.6%
ETHER	0	-	-	0	-	-	0	-	-	0	-	-
ETHER FUTURES	0	0	0.0%	87,250	136,058	-35.9%	0	0	0.0%	557,417	540,329	3.2%
FT-SE 100	0	0	0.0%	180	245	-26.5%	0	0	0.0%	355	1,137	-68.8%
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%	74	54	37.0%	0	0	0.0%	206	340	-39.4%
MICRO BITCOIN	0	0	0.0%	210,821	473,453	-55.5%	0	0	0.0%	1,069,941	2,002,604	-46.6%
MICRO E-MINI NASDAQ 100	0	0	0.0%	20,140,806	36,898,456	-45.4%	0	0	0.0%	109,318,949	162,683,834	-32.8%
MICRO E-MINI RUSSELL 2000	0	0	0.0%	1,771,141	3,759,964	-52.9%	0	0	0.0%	8,558,254	16,863,431	-49.2%
MICRO E-MINI S&P500	0	0	0.0%	20,503,731	32,902,509	-37.7%	0	0	0.0%	117,844,524	141,190,858	-16.5%
MICRO ETHER	0	0	0.0%	168,584	546,231	-69.1%	0	0	0.0%	1,058,222	2,122,115	-50.1%
NASDAQ-100 VOLATILITY	0	0	0.0%	1	2,791	-100.0%	0	0	0.0%	3,203	16,936	-81.1%
NASDAQ BIOTECH SECTOR	0	0	0.0%	0	53	-100.0%	0	0	0.0%	745	631	18.1%
Nearby BTIC+	0	0	0.0%	0	250	-100.0%	0	0	0.0%	0	2,600	-100.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	136,487	114,518	19.2%	0	0	0.0%	509,567	633,260	-19.5%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	670,175	750,606	-10.7%	0	0	0.0%	2,855,417	4,167,581	-31.5%
PHLX SEMICONDUCTOR SECT	0	-	-	489	-	-	0	-	-	1,780	-	-
S&P 500	0	0	0.0%	1,844	1,336	38.0%	0	0	0.0%	14,259	1,746	716.7%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	34,839	41,694	-16.4%	0	0	0.0%	152,166	160,602	-5.3%
S&P 500 QUARLY DIVIDEND IN	0	0	0.0%	12,399	2,344	429.0%	0	0	0.0%	55,094	3,271	1,584.3%
S&P BIOTECHNOLOGY SECTO	0	-	-	570	-	-	0	-	-	3,508	-	-
S&P COMMUNICATION SERVIC	0	0	0.0%	2,166	3,368	-35.7%	0	0	0.0%	14,044	15,482	-9.3%
S&P CONSUMER DISCRETION	0	0	0.0%	4,918	4,060	21.1%	0	0	0.0%	24,647	34,487	-28.5%
S&P CONSUMER STAPLES SE	0	0	0.0%	11,568	18,211	-36.5%	0	0	0.0%	70,868	73,459	-3.5%
S&P ENERGY SECTOR	0	0	0.0%	16,865	34,025	-50.4%	0	0	0.0%	117,311	198,625	-40.9%
S&P FINANCIAL SECTOR	0	0	0.0%	13,613	21,823	-37.6%	0	0	0.0%	91,252	117,122	-22.1%
S&P HEALTH CARE SECTOR	0	0	0.0%	7,314	20,110	-63.6%	0	0	0.0%	56,853	92,124	-38.3%
S&P INDUSTRIAL SECTOR	0	0	0.0%	7,458	11,867	-37.2%	0	0	0.0%	48,176	64,332	-25.1%
S&P MATERIALS SECTOR	0	0	0.0%	5,593	8,503	-34.2%	0	0	0.0%	37,586	36,415	3.2%
S&P OIL & GAS EXPLORATION	0	-	-	115	-	-	0	-	-	1,053	-	-
S&P REAL ESTATE SECTOR	0	0	0.0%	1,574	2,449	-35.7%	0	0	0.0%	21,945	18,005	21.9%
S&P REGIONAL BANKS SECTO	0	-	-	1,233	-	-	0	-	-	4,825	-	-
S&P RETAIL SECTOR	0	-	-	144	-	-	0	-	-	1,555	-	-
S&P TECHNOLOGY SECTOR	0	0	0.0%	5,574	15,059	-63.0%	0	0	0.0%	51,955	97,042	-46.5%
S&P UTILITIES SECTOR	0	0	0.0%	11,704	17,127	-31.7%	0	0	0.0%	78,767	85,243	-7.6%
S&P VALUE INDEX FUTURES	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TOPIX (USD)	0	-	-	30	-	-	0	-	-	169	-	-
TOPIX (YEN)	0	0	0.0%	149	100	49.0%	0	0	0.0%	1,132	15,268	-92.6%
WATER INDEX FUTURES	0	0	0.0%	19	66	-71.2%	0	0	0.0%	103	546	-81.1%

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Equity Index Options												
BITCOIN OPTIONS	0	0	0.0%	2,543	2,457	3.5%	0	0	0.0%	13,598	6,501	109.2%
E-MINI NASDAQ 100	0	0	0.0%	1,399,373	1,513,168	-7.5%	0	0	0.0%	5,588,686	4,917,421	13.7%
E-MINI RUSSELL 2000	0	0	0.0%	200,197	153,370	30.5%	0	0	0.0%	746,462	796,301	-6.3%
E-MINI S&P500	0	0	0.0%	24,238,280	23,083,730	5.0%	0	0	0.0%	115,868,878	108,484,149	6.8%
EOM S&P 500	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ETHER OPTIONS	0	-	-	1,334	-	-	0	-	-	3,990	-	-
EVENT CONTRACT S&P 500	0	-	-	10,206	-	-	0	-	-	24,708	-	-
MICRO BITCOIN	0	0	0.0%	7,810	8,534	-8.5%	0	0	0.0%	38,340	12,207	214.1%
MICRO E-MINI NASDAQ 100	0	0	0.0%	56,900	59,126	-3.8%	0	0	0.0%	269,023	326,345	-17.6%
Micro E-mini S&P 500	0	0	0.0%	220,568	228,475	-3.5%	0	0	0.0%	1,243,559	1,250,871	-0.6%
MICRO ETHER	0	0	0.0%	42,643	6,554	550.6%	0	0	0.0%	82,015	9,224	789.1%
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%	1	68	-98.5%	0	0	0.0%	154	204	-24.5%
AD/JY CROSS RATES	0	0	0.0%	863	5,043	-82.9%	0	0	0.0%	7,661	28,058	-72.7%
AD/NE CROSS RATES	0	0	0.0%	3,205	1,694	89.2%	0	0	0.0%	12,892	8,524	51.2%
AUSTRALIAN DOLLAR	0	0	0.0%	1,811,442	2,193,548	-17.4%	0	0	0.0%	9,404,365	9,807,919	-4.1%
BP/JY CROSS RATES	0	0	0.0%	855	3,203	-73.3%	0	0	0.0%	11,945	17,289	-30.9%
BP/SF CROSS RATES	0	0	0.0%	1,262	1,602	-21.2%	0	0	0.0%	12,101	10,227	18.3%
BRAZIL REAL	0	0	0.0%	217,600	314,884	-30.9%	0	0	0.0%	1,256,936	1,474,480	-14.8%
BRITISH POUND	0	0	0.0%	2,040,064	2,170,093	-6.0%	0	0	0.0%	10,219,464	11,007,368	-7.2%
CANADIAN DOLLAR	0	0	0.0%	1,590,984	1,720,804	-7.5%	0	0	0.0%	8,439,659	8,326,735	1.4%
CD/JY CROSS RATES	0	0	0.0%	4	6	-33.3%	0	0	0.0%	10	251	-96.0%
CHILEAN PESO	0	0	0.0%	10	0	0.0%	0	0	0.0%	13	23	-43.5%
CHINESE RENMINBI (CNH)	0	0	0.0%	16,208	40,264	-59.7%	0	0	0.0%	114,932	129,678	-11.4%
CZECK KORUNA (EC)	0	0	0.0%	0	3	-100.0%	0	0	0.0%	4	16	-75.0%
CZECK KORUNA (US)	0	0	0.0%	3	4	-25.0%	0	0	0.0%	17	15	13.3%
EC/AD CROSS RATES	0	0	0.0%	1,224	4,307	-71.6%	0	0	0.0%	18,596	24,527	-24.2%
EC/CD CROSS RATES	0	0	0.0%	1,489	3,052	-51.2%	0	0	0.0%	24,496	34,233	-28.4%
EC/NOK CROSS RATES	0	0	0.0%	613	1,591	-61.5%	0	0	0.0%	5,118	6,162	-16.9%
EC/SEK CROSS RATES	0	0	0.0%	622	588	5.8%	0	0	0.0%	10,812	8,736	23.8%

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FX Futures												
EFX/BP CROSS RATES	0	0	0.0%	34,405	74,159	-53.6%	0	0	0.0%	244,318	440,542	-44.5%
EFX/JY CROSS RATES	0	0	0.0%	24,360	30,706	-20.7%	0	0	0.0%	189,443	277,814	-31.8%
EFX/SF CROSS RATES	0	0	0.0%	13,655	42,574	-67.9%	0	0	0.0%	94,771	204,976	-53.8%
E-MICRO USD/CAD	0	0	0.0%	117	152	-23.0%	0	0	0.0%	817	1,442	-43.3%
E-MICRO USD/CHF	0	0	0.0%	104	96	8.3%	0	0	0.0%	1,039	360	188.6%
E-MICRO USD/JPY	0	0	0.0%	3,115	15,976	-80.5%	0	0	0.0%	11,854	42,307	-72.0%
E-MINI EURO FX	0	0	0.0%	106,943	127,139	-15.9%	0	0	0.0%	668,962	646,126	3.5%
E-MINI JAPANESE YEN	0	0	0.0%	11,037	9,511	16.0%	0	0	0.0%	55,159	41,110	34.2%
EURO FX	0	0	0.0%	4,454,981	4,034,455	10.4%	0	0	0.0%	22,870,118	21,706,426	5.4%
HUNGARIAN FORINT (EC)	0	0	0.0%	0	1	-100.0%	0	0	0.0%	13	2	550.0%
HUNGARIAN FORINT (US)	0	0	0.0%	7	4	75.0%	0	0	0.0%	76	33	130.3%
INDIAN RUPEE	0	0	0.0%	23,714	17,800	33.2%	0	0	0.0%	149,753	97,568	53.5%
JAPANESE YEN	0	0	0.0%	3,702,561	2,943,077	25.8%	0	0	0.0%	16,691,854	13,421,333	24.4%
KOREAN WON	0	0	0.0%	277	253	9.5%	0	0	0.0%	1,102	1,999	-44.9%
MEXICAN PESO	0	0	0.0%	1,087,963	1,072,113	1.5%	0	0	0.0%	6,139,259	5,069,160	21.1%
MICRO AUD/USD	0	0	0.0%	228,707	315,396	-27.5%	0	0	0.0%	1,374,468	1,358,361	1.2%
MICRO CAD/USD	0	0	0.0%	47,619	75,059	-36.6%	0	0	0.0%	288,138	287,429	0.2%
MICRO CHF/USD	0	0	0.0%	13,815	18,799	-26.5%	0	0	0.0%	74,207	61,973	19.7%
MICRO EUR/USD	0	0	0.0%	572,054	690,536	-17.2%	0	0	0.0%	3,321,669	3,441,559	-3.5%
MICRO GBP/USD	0	0	0.0%	60,201	112,785	-46.6%	0	0	0.0%	344,346	437,089	-21.2%
MICRO INR/USD	0	0	0.0%	348	745	-53.3%	0	0	0.0%	2,670	4,063	-34.3%
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%	664,716	616,162	7.9%	0	0	0.0%	3,075,284	2,845,593	8.1%
NKR/USD CROSS RATE	0	0	0.0%	2,541	2,147	18.4%	0	0	0.0%	14,279	15,160	-5.8%
POLISH ZLOTY (EC)	0	0	0.0%	44	45	-2.2%	0	0	0.0%	101	653	-84.5%
POLISH ZLOTY (US)	0	0	0.0%	1,039	807	28.7%	0	0	0.0%	4,162	6,561	-36.6%
RMB USD	0	0	0.0%	0	0	0.0%	0	0	0.0%	5	5	0.0%
RUSSIAN RUBLE	0	0	0.0%	0	1,265	-100.0%	0	0	0.0%	0	575,914	-100.0%
S.AFRICAN RAND	0	0	0.0%	70,919	81,000	-12.4%	0	0	0.0%	313,362	416,842	-24.8%
SF/JY CROSS RATES	0	0	0.0%	285	541	-47.3%	0	0	0.0%	2,586	2,030	27.4%
SHEKEL	0	0	0.0%	40	15	166.7%	0	0	0.0%	345	59	484.7%
SKR/USD CROSS RATES	0	0	0.0%	3,859	4,977	-22.5%	0	0	0.0%	21,631	28,692	-24.6%
SWISS FRANC	0	0	0.0%	427,188	528,881	-19.2%	0	0	0.0%	2,162,047	2,391,620	-9.6%
TURKISH LIRA	0	0	0.0%	9	0	0.0%	0	0	0.0%	9	0	0.0%

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FX Futures												
USDZAR	0	0	0.0%	3	0	0.0%	0	0	0.0%	100	27	270.4%
FX Options												
AUD/USD MONDAY OPTION W	0	0	0.0%	241	148	62.8%	0	0	0.0%	686	1,597	-57.0%
AUD/USD MONDAY OPTION W	0	0	0.0%	332	388	-14.4%	0	0	0.0%	2,386	2,717	-12.2%
AUD/USD MONDAY OPTION W	0	0	0.0%	394	391	0.8%	0	0	0.0%	1,401	1,888	-25.8%
AUD/USD MONDAY OPTION W	0	0	0.0%	126	560	-77.5%	0	0	0.0%	1,208	2,173	-44.4%
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%	36,259	77,854	-53.4%	0	0	0.0%	240,108	343,702	-30.1%
AUD/USD THURSDAY WKLY O	0	-	-	83	-	-	0	-	-	155	-	-
AUD/USD THURSDAY WKLY O	0	-	-	215	-	-	0	-	-	267	-	-
AUD/USD THURSDAY WKLY O	0	-	-	0	-	-	0	-	-	1,104	-	-
AUD/USD THURSDAY WKLY O	0	-	-	11	-	-	0	-	-	391	-	-
AUD/USD THURSDAY WKLY O	0	-	-	0	-	-	0	-	-	11	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	19	-	-	0	-	-	201	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	20	-	-	0	-	-	1,091	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	108	-	-	0	-	-	446	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	11	-	-	0	-	-	301	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	100	-	-	0	-	-	205	-	-
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,064	0	0.0%	0	0	0.0%	1,064	1,420	-25.1%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	212	2,700	-92.1%	0	0	0.0%	7,215	10,528	-31.5%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,985	2,351	-15.6%	0	0	0.0%	7,867	12,065	-34.8%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,047	1,924	-45.6%	0	0	0.0%	8,361	8,160	2.5%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	434	0	0.0%	0	0	0.0%	1,383	1,720	-19.6%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	1,426	1,822	-21.7%	0	0	0.0%	2,223	4,930	-54.9%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	212	161	31.7%	0	0	0.0%	1,209	2,818	-57.1%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	82	590	-86.1%	0	0	0.0%	1,187	3,538	-66.4%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	94	1,094	-91.4%	0	0	0.0%	1,314	2,970	-55.8%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	212	0	0.0%	0	0	0.0%	522	211	147.4%
BRL/USD MONTHLY OPTIONS	0	0	0.0%	0	183	-100.0%	0	0	0.0%	205	1,964	-89.6%
CAD/USD MONDAY OPTIONS	0	0	0.0%	313	138	126.8%	0	0	0.0%	3,940	999	294.4%
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,919	756	153.8%	0	0	0.0%	7,975	6,600	20.8%
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,320	1,010	30.7%	0	0	0.0%	4,930	4,470	10.3%

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FX Options												
CAD/USD MONDAY OPTIONS	0	0	0.0%	660	254	159.8%	0	0	0.0%	4,506	4,700	-4.1%
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%	42,015	78,193	-46.3%	0	0	0.0%	298,212	320,409	-6.9%
CAD/USD THURSDAY WKLY O	0	-	-	975	-	-	0	-	-	1,570	-	-
CAD/USD THURSDAY WKLY O	0	-	-	249	-	-	0	-	-	872	-	-
CAD/USD THURSDAY WKLY O	0	-	-	409	-	-	0	-	-	1,773	-	-
CAD/USD THURSDAY WKLY O	0	-	-	402	-	-	0	-	-	1,767	-	-
CAD/USD THURSDAY WKLY O	0	-	-	0	-	-	0	-	-	1,586	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	518	-	-	0	-	-	1,720	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	534	-	-	0	-	-	3,604	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	612	-	-	0	-	-	2,027	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	384	-	-	0	-	-	608	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	732	-	-	0	-	-	808	-	-
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,701	0	0.0%	0	0	0.0%	2,701	5,805	-53.5%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,013	4,524	-77.6%	0	0	0.0%	12,024	19,690	-38.9%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,708	3,913	-30.8%	0	0	0.0%	12,090	26,133	-53.7%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,093	4,023	-48.0%	0	0	0.0%	15,588	25,984	-40.0%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	21	0	0.0%	0	0	0.0%	5,094	4,281	19.0%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	2,973	746	298.5%	0	0	0.0%	6,929	5,384	28.7%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	2,279	553	312.1%	0	0	0.0%	5,307	5,839	-9.1%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	731	1,477	-50.5%	0	0	0.0%	5,283	8,296	-36.3%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	827	1,875	-55.9%	0	0	0.0%	7,166	9,462	-24.3%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,242	0	0.0%	0	0	0.0%	2,131	2,938	-27.5%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	3,234	3,185	1.5%	0	0	0.0%	17,339	27,378	-36.7%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	133	10	1,230.0%	0	0	0.0%	133	530	-74.9%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	89	72	23.6%	0	0	0.0%	1,623	792	104.9%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	1,893	17	11,035.3%	0	0	0.0%	2,972	415	616.1%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	564	66	754.5%	0	0	0.0%	5,368	808	564.4%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	1	0	0.0%	0	0	0.0%	343	14	2,350.0%
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%
EURO FX	0	-	-	51	-	-	0	-	-	85	-	-
EUR/USD MONDAY OPTION W	0	0	0.0%	1,917	923	107.7%	0	0	0.0%	10,583	10,041	5.4%
EUR/USD MONDAY OPTION W	0	0	0.0%	3,405	2,071	64.4%	0	0	0.0%	10,378	15,479	-33.0%
EUR/USD MONDAY OPTION W	0	0	0.0%	247	1,288	-80.8%	0	0	0.0%	5,727	5,594	2.4%

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FX Options												
EUR/USD MONDAY OPTION W	0	0	0.0%	1,996	1,256	58.9%	0	0	0.0%	9,321	17,173	-45.7%
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%	237,024	213,743	10.9%	0	0	0.0%	1,155,232	1,157,925	-0.2%
EUR/USD THURSDAY WKLY O	0	-	-	3,052	-	-	0	-	-	4,083	-	-
EUR/USD THURSDAY WKLY O	0	-	-	293	-	-	0	-	-	4,042	-	-
EUR/USD THURSDAY WKLY O	0	-	-	1,456	-	-	0	-	-	1,846	-	-
EUR/USD THURSDAY WKLY O	0	-	-	196	-	-	0	-	-	5,514	-	-
EUR/USD THURSDAY WKLY O	0	-	-	0	-	-	0	-	-	12	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	25	-	-	0	-	-	636	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	17	-	-	0	-	-	558	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	1,527	-	-	0	-	-	3,622	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	169	-	-	0	-	-	3,211	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	1,291	-	-	0	-	-	1,419	-	-
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	12,968	2	648,300.0%	0	0	0.0%	12,968	24,512	-47.1%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	13,420	13,326	0.7%	0	0	0.0%	92,551	79,726	16.1%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	8,648	15,007	-42.4%	0	0	0.0%	95,362	82,252	15.9%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	10,277	15,132	-32.1%	0	0	0.0%	158,066	105,000	50.5%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	256	0	0.0%	0	0	0.0%	8,521	20,204	-57.8%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	3,158	4,416	-28.5%	0	0	0.0%	21,338	31,224	-31.7%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	5,996	3,290	82.2%	0	0	0.0%	31,971	25,095	27.4%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	4,575	5,324	-14.1%	0	0	0.0%	25,253	27,875	-9.4%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	4,077	4,702	-13.3%	0	0	0.0%	22,893	29,211	-21.6%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	3,766	0	0.0%	0	0	0.0%	10,434	6,113	70.7%
EVENT CONTRACT EUR/USD	0	-	-	2,599	-	-	0	-	-	19,116	-	-
GBP/USD MONDAY OPTION W	0	0	0.0%	766	217	253.0%	0	0	0.0%	3,955	2,723	45.2%
GBP/USD MONDAY OPTION W	0	0	0.0%	1,647	1,499	9.9%	0	0	0.0%	6,177	5,034	22.7%
GBP/USD MONDAY OPTION W	0	0	0.0%	211	115	83.5%	0	0	0.0%	2,233	1,660	34.5%
GBP/USD MONDAY OPTION W	0	0	0.0%	1,468	170	763.5%	0	0	0.0%	2,730	2,766	-1.3%
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%	59,924	74,566	-19.6%	0	0	0.0%	285,181	342,407	-16.7%
GBP/USD THURSDAY WKLY O	0	-	-	222	-	-	0	-	-	1,218	-	-
GBP/USD THURSDAY WKLY O	0	-	-	143	-	-	0	-	-	655	-	-
GBP/USD THURSDAY WKLY O	0	-	-	123	-	-	0	-	-	1,526	-	-
GBP/USD THURSDAY WKLY O	0	-	-	79	-	-	0	-	-	547	-	-
GBP/USD THURSDAY WKLY O	0	-	-	0	-	-	0	-	-	61	-	-

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FX Options												
GBP/USD TUESDAY WKLY OPT	0	-	-	92	-	-	0	-	-	877	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	279	-	-	0	-	-	1,797	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	696	-	-	0	-	-	1,256	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	48	-	-	0	-	-	875	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	116	-	-	0	-	-	341	-	-
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,409	1	240,800.0%	0	0	0.0%	2,409	2,815	-14.4%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,145	3,908	-70.7%	0	0	0.0%	15,665	12,169	28.7%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	5,518	2,074	166.1%	0	0	0.0%	21,919	14,530	50.9%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,539	1,489	70.5%	0	0	0.0%	8,701	13,327	-34.7%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	508	0	0.0%	0	0	0.0%	3,149	3,774	-16.6%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	79	303	-73.9%	0	0	0.0%	3,563	7,299	-51.2%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	745	261	185.4%	0	0	0.0%	6,201	2,561	142.1%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	443	1,158	-61.7%	0	0	0.0%	4,549	6,226	-26.9%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,979	438	351.8%	0	0	0.0%	4,047	4,027	0.5%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	572	0	0.0%	0	0	0.0%	665	330	101.5%
JPY/USD MONDAY OPTION WE	0	0	0.0%	438	89	392.1%	0	0	0.0%	2,770	2,105	31.6%
JPY/USD MONDAY OPTION WE	0	0	0.0%	1,692	846	100.0%	0	0	0.0%	9,995	5,076	96.9%
JPY/USD MONDAY OPTION WE	0	0	0.0%	202	980	-79.4%	0	0	0.0%	1,935	1,532	26.3%
JPY/USD MONDAY OPTION WE	0	0	0.0%	3,035	987	207.5%	0	0	0.0%	5,419	4,565	18.7%
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%	127,860	157,040	-18.6%	0	0	0.0%	459,856	719,454	-36.1%
JPY/USD THURSDAY WKLY OP	0	-	-	19	-	-	0	-	-	91	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	23	-	-	0	-	-	91	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	1	-	-	0	-	-	137	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	24	-	-	0	-	-	51	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	0	-	-	0	-	-	157	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	21	-	-	0	-	-	70	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	0	-	-	0	-	-	1,405	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	35	-	-	0	-	-	112	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	41	-	-	0	-	-	933	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	32	-	-	0	-	-	37	-	-
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	2,985	0	0.0%	0	0	0.0%	2,985	10,796	-72.4%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	5,541	11,990	-53.8%	0	0	0.0%	32,877	46,501	-29.3%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	5,187	10,635	-51.2%	0	0	0.0%	37,184	51,767	-28.2%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	3,705	8,009	-53.7%	0	0	0.0%	26,958	47,897	-43.7%

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FX Options												
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	1	0	0.0%	0	0	0.0%	4,386	15,568	-71.8%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	1,769	1,977	-10.5%	0	0	0.0%	11,927	15,253	-21.8%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,011	3,421	-41.2%	0	0	0.0%	12,417	15,018	-17.3%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,435	2,921	-16.6%	0	0	0.0%	17,381	11,813	47.1%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	1,387	3,893	-64.4%	0	0	0.0%	11,372	14,676	-22.5%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	1,804	0	0.0%	0	0	0.0%	3,102	2,857	8.6%
MXN/USD MONTHLY OPTIONS	0	0	0.0%	316	608	-48.0%	0	0	0.0%	1,454	3,914	-62.9%
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%	28	18	55.6%	0	0	0.0%	93	499	-81.4%
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%
PY/USD THURSDAY WKLY OPT	0	-	-	1	-	-	0	-	-	48	-	-
PY/USD TUESDAY WKLY OPT	0	-	-	45	-	-	0	-	-	900	-	-
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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	Open Outcry MAY 2023	Open Outcry MAY 2022	% CHG	ELEC MAY 2023	ELEC MAY 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%	614	111	453.2%	0	0	0.0%	1,797	1,153	55.9%
BUTTER CS	0	0	0.0%	4,144	4,062	2.0%	0	0	0.0%	16,912	22,596	-25.2%
CASH-SETTLED CHEESE	0	0	0.0%	15,888	8,517	86.5%	0	0	0.0%	63,685	44,486	43.2%
CAT ASIA WEATHER	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CATTLE	0	0	0.0%	1,561,932	1,297,009	20.4%	0	0	0.0%	6,701,225	6,375,472	5.1%
CAT WEATHER EUROPEAN	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CDD SEASONAL STRIP	0	0	0.0%	50	0	0.0%	0	0	0.0%	50	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%	2,144	2,762	-22.4%	0	0	0.0%	4,053	12,191	-66.8%
DRY WHEY	0	0	0.0%	1,541	1,011	52.4%	0	0	0.0%	6,258	4,945	26.6%
FEEDER CATTLE	0	0	0.0%	330,542	218,592	51.2%	0	0	0.0%	1,711,099	1,310,248	30.6%
GOLDMAN SACHS	0	0	0.0%	1,509	2,741	-44.9%	0	0	0.0%	8,762	15,644	-44.0%
GSCI EXCESS RETURN FUT	0	0	0.0%	0	22	-100.0%	0	0	0.0%	23	22	4.5%
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%	1,415,757	1,035,125	36.8%	0	0	0.0%	5,394,272	4,862,872	10.9%
HOUSING INDEX	0	0	0.0%	18	49	-63.3%	0	0	0.0%	82	94	-12.8%
LUMBER	0	0	0.0%	10,445	6,441	62.2%	0	0	0.0%	62,334	39,257	58.8%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MILK	0	0	0.0%	36,508	26,429	38.1%	0	0	0.0%	140,859	147,901	-4.8%
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%	4,350	4,008	8.5%	0	0	0.0%	25,754	32,134	-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%	1,830	2,812	-34.9%	0	0	0.0%	7,184	12,841	-44.1%
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 MAY 2023	Open Outcry MAY 2022	% CHG	ELEC MAY 2023	ELEC MAY 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%	273	0	0.0%	0	0	0.0%	980	863	13.6%
BUTTER CS	0	0	0.0%	2,802	1,085	158.2%	0	0	0.0%	10,048	5,791	73.5%
CASH-SETTLED CHEESE	0	0	0.0%	10,306	4,851	112.5%	0	0	0.0%	30,116	32,929	-8.5%
CATTLE	0	0	0.0%	273,368	223,894	22.1%	0	0	0.0%	1,335,695	1,090,030	22.5%
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%	5,830	6,853	-14.9%	0	0	0.0%	28,864	33,205	-13.1%
DRY WHEY	0	0	0.0%	0	61	-100.0%	0	0	0.0%	73	2,150	-96.6%
FEEDER CATTLE	0	0	0.0%	54,263	33,947	59.8%	0	0	0.0%	284,313	176,627	61.0%
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%	329,205	237,386	38.7%	0	0	0.0%	1,379,566	1,185,799	16.3%
LUMBER	0	0	0.0%	211	344	-38.7%	0	0	0.0%	1,092	2,564	-57.4%
LV CATL CSO	0	-	-	30	-	-	0	-	-	60	-	-
MILK	0	0	0.0%	22,472	19,836	13.3%	0	0	0.0%	108,407	95,702	13.3%
MLK MID OPTIONS	0	0	0.0%	3	0	0.0%	0	0	0.0%	15	43	-65.1%
NFD MILK	0	0	0.0%	2,579	2,621	-1.6%	0	0	0.0%	17,531	19,153	-8.5%
PORK CUTOUT	0	0	0.0%	0	0	0.0%	0	0	0.0%	7	35	-80.0%
TOTAL FUTURES GROUP												
Interest Rate Futures	509,462	336,725	51.3%	73,062,996	61,353,120	19.1%	4,392,195	3,543,426	24.0%	382,362,325	361,639,870	5.7%
Equity Index Futures	0	0	0.0%	98,565,830	139,073,879	-29.1%	0	0	0.0%	525,265,155	627,423,459	-16.3%
FX Futures	0	0	0.0%	17,243,075	17,277,930	-0.2%	0	0	0.0%	87,657,122	84,810,994	3.4%
Ag Products Futures	0	0	0.0%	3,387,272	2,609,691	29.8%	0	0	0.0%	14,144,349	12,881,856	9.8%
TOTAL FUTURES	509,462	336,725	51.3%	192,259,173	220,314,620	-12.7%	4,392,195	3,543,426	24.0%	1,009,428,951	1,086,756,179	-7.1%

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TOTAL OPTIONS GROUP												
Equity Index Options	0	0	0.0%	26,179,854	25,055,414	4.5%	0	0	0.0%	123,879,259	115,803,019	7.0%
Interest Rate Options	26,945,418	13,761,435	95.8%	10,629,221	5,484,723	93.8%	143,574,414	86,984,827	65.1%	62,247,979	37,271,618	67.0%
FX Options	0	0	0.0%	683,026	761,071	-10.3%	0	0	0.0%	3,464,648	3,917,215	-11.6%
Ag Products Options	0	0	0.0%	701,342	530,878	32.1%	0	0	0.0%	3,196,767	2,644,891	20.9%
TOTAL OPTIONS	26,945,418	13,761,435	95.8%	38,193,443	31,832,086	20.0%	143,574,414	86,984,827	65.1%	192,788,653	159,636,743	20.8%
TOTAL COMBINED												
Interest Rate	27,454,880	14,098,160	94.7%	83,692,217	66,837,843	25.2%	147,966,609	90,528,253	63.4%	444,610,304	398,911,488	11.5%
Equity Index	0	0	0.0%	124,745,684	164,129,293	-24.0%	0	0	0.0%	649,144,414	743,226,478	-12.7%
FX	0	0	0.0%	17,926,101	18,039,001	-0.6%	0	0	0.0%	91,121,770	88,728,209	2.7%
Ag Products	0	0	0.0%	4,088,614	3,140,569	30.2%	0	0	0.0%	17,341,116	15,526,747	11.7%
GRAND TOTAL	27,454,880	14,098,160	94.7%	230,452,616	252,146,706	-8.6%	147,966,609	90,528,253	63.4%	1,202,217,604	1,246,392,922	-3.5%