

CME Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 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	8	-100.0%	0	0	0.0%	6	289	-97.9%
BSBY 3-MONTH FUTURES	0	0	0.0%	441	22,242	-98.0%	0	0	0.0%	31,804	513,723	-93.8%
ESTR Basis Spread Futures	0	-	-	1,816	-	-	0	-	-	12,608	-	-
ESTR Futures	0	-	-	200,796	-	-	0	-	-	796,873	-	-
EURODOLLARS	0	809,604	-100.0%	0	26,337,559	-100.0%	258,492	6,831,929	-96.2%	27,895,109	339,361,109	-91.8%
FTIIE	0	0	0.0%	32	124	-74.2%	0	0	0.0%	1,774	881	101.4%
SOFR	322,976	408,389	-20.9%	62,569,439	53,523,997	16.9%	5,868,157	794,234	638.8%	610,032,296	305,889,897	99.4%
SONIA	0	0	0.0%	48	0	0.0%	0	0	0.0%	257	1,293	-80.1%
Interest Rate Options												
EURODOLLARS	0	5,588,862	-100.0%	0	4,546,835	-100.0%	1,894,920	71,231,828	-97.3%	7,456,246	32,790,851	-77.3%
EURO MIDCURVE	0	1,497,258	-100.0%	0	899,079	-100.0%	396,228	40,250,077	-99.0%	201,525	20,885,158	-99.0%
SOFR	10,187,155	8,989,587	13.3%	6,228,308	2,644,891	135.5%	167,739,164	26,480,285	533.4%	72,680,427	9,757,940	644.8%
SOFR MIDCURVE	4,176,482	2,985,624	39.9%	2,346,686	921,569	154.6%	39,077,342	8,289,961	371.4%	15,592,315	3,021,885	416.0%
SOFR MISCURVE	0	-	-	0	-	-	0	-	-	700	-	-
Equity Index Futures												
BITCOIN	0	0	0.0%	180,488	263,861	-31.6%	0	0	0.0%	1,858,120	1,863,007	-0.3%
E-mini FTSE China 50	0	0	0.0%	0	101	-100.0%	0	0	0.0%	44	7,006	-99.4%
E-MINI MIDCAP	0	0	0.0%	320,701	426,371	-24.8%	0	0	0.0%	2,470,313	3,034,429	-18.6%
E-MINI NASDAQ 100	0	0	0.0%	13,948,359	17,618,900	-20.8%	0	0	0.0%	124,201,884	133,000,014	-6.6%
E-MINI RUSSELL 1000	0	0	0.0%	5,125	5,558	-7.8%	0	0	0.0%	23,596	28,656	-17.7%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	5,722	8,336	-31.4%	0	0	0.0%	23,196	43,895	-47.2%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	10,136	14,448	-29.8%	0	0	0.0%	44,127	76,420	-42.3%
E-MINI RUSSELL 2000	0	0	0.0%	4,923,481	6,431,639	-23.4%	0	0	0.0%	40,462,625	45,457,791	-11.0%
E-MINI S&P500	0	0	0.0%	38,985,244	59,405,939	-34.4%	0	0	0.0%	335,418,355	373,708,706	-10.2%
E-MINI S&P500 ESG	0	0	0.0%	29,096	41,404	-29.7%	0	0	0.0%	171,661	234,234	-26.7%
ETHER	0	0	0.0%	0	5	-100.0%	0	0	0.0%	0	7	-100.0%
ETHER FUTURES	0	0	0.0%	78,082	161,276	-51.6%	0	0	0.0%	891,400	1,189,864	-25.1%
FT-SE 100	0	0	0.0%	107	75	42.7%	0	0	0.0%	751	1,379	-45.5%
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%	9	54	-83.3%	0	0	0.0%	298	529	-43.7%
MICRO BITCOIN	0	0	0.0%	117,844	235,507	-50.0%	0	0	0.0%	1,775,540	3,001,989	-40.9%
MICRO E-MINI NASDAQ 100	0	0	0.0%	23,844,479	33,070,474	-27.9%	0	0	0.0%	201,618,674	284,153,757	-29.0%
MICRO E-MINI RUSSELL 2000	0	0	0.0%	1,153,149	2,445,573	-52.8%	0	0	0.0%	14,308,647	25,923,270	-44.8%
MICRO E-MINI S&P500	0	0	0.0%	18,645,561	35,111,542	-46.9%	0	0	0.0%	192,247,845	257,412,228	-25.3%
MICRO ETHER	0	0	0.0%	83,356	498,477	-83.3%	0	0	0.0%	1,555,069	3,921,411	-60.3%
NASDAQ-100 VOLATILITY	0	0	0.0%	0	20	-100.0%	0	0	0.0%	3,203	18,449	-82.6%
NASDAQ BIOTECH SECTOR	0	0	0.0%	32	589	-94.6%	0	0	0.0%	1,189	1,958	-39.3%
Nearby BTIC+	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	4,450	-100.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	164,463	137,941	19.2%	0	0	0.0%	1,240,973	1,072,915	15.7%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	674,044	865,701	-22.1%	0	0	0.0%	5,641,863	7,154,702	-21.1%
PHLX SEMICONDUCTOR SECT	0	0	0.0%	166	608	-72.7%	0	0	0.0%	2,143	634	238.0%
S&P 500	0	0	0.0%	2,273	18	12,527.8%	0	0	0.0%	23,783	1,843	1,190.5%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	61,144	22,805	168.1%	0	0	0.0%	310,850	256,618	21.1%
S&P 500 QUARLY DIVIDEND IN	0	0	0.0%	12,941	3,552	264.3%	0	0	0.0%	88,137	15,339	474.6%
S&P 600 SMALLCAP EMINI	0	-	-	243	-	-	0	-	-	376	-	-
S&P BIOTECHNOLOGY SECTO	0	0	0.0%	507	1,400	-63.8%	0	0	0.0%	4,888	7,207	-32.2%
S&P COMMUNICATION SERVIC	0	0	0.0%	9,340	6,556	42.5%	0	0	0.0%	35,173	31,556	11.5%
S&P CONSUMER DISCRETION	0	0	0.0%	8,659	11,893	-27.2%	0	0	0.0%	49,609	65,247	-24.0%
S&P CONSUMER STAPLES SE	0	0	0.0%	35,025	36,401	-3.8%	0	0	0.0%	162,143	159,903	1.4%
S&P ENERGY SECTOR	0	0	0.0%	46,277	74,082	-37.5%	0	0	0.0%	221,548	425,494	-47.9%
S&P FINANCIAL SECTOR	0	0	0.0%	41,162	43,286	-4.9%	0	0	0.0%	201,195	227,737	-11.7%
S&P HEALTH CARE SECTOR	0	0	0.0%	25,587	31,136	-17.8%	0	0	0.0%	119,480	172,930	-30.9%
S&P INDUSTRIAL SECTOR	0	0	0.0%	21,285	21,389	-0.5%	0	0	0.0%	104,806	122,802	-14.7%
S&P MATERIALS SECTOR	0	0	0.0%	15,738	16,144	-2.5%	0	0	0.0%	74,725	78,057	-4.3%
S&P OIL & GAS EXPLORATION	0	0	0.0%	99	691	-85.7%	0	0	0.0%	1,593	3,825	-58.4%
S&P REAL ESTATE SECTOR	0	0	0.0%	17,134	9,006	90.3%	0	0	0.0%	57,801	39,281	47.1%
S&P REGIONAL BANKS SECTO	0	0	0.0%	642	1,280	-49.8%	0	0	0.0%	7,193	1,567	359.0%
S&P RETAIL SECTOR	0	0	0.0%	277	872	-68.2%	0	0	0.0%	2,029	2,659	-23.7%
S&P TECHNOLOGY SECTOR	0	0	0.0%	19,133	48,238	-60.3%	0	0	0.0%	101,805	188,836	-46.1%
S&P UTILITIES SECTOR	0	0	0.0%	31,781	32,952	-3.6%	0	0	0.0%	161,182	163,905	-1.7%
S&P VALUE INDEX FUTURES	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TOPIX (USD)	0	-	-	50	-	-	0	-	-	766	-	-
TOPIX (YEN)	0	0	0.0%	235	1,570	-85.0%	0	0	0.0%	2,238	19,766	-88.7%
WATER INDEX FUTURES	0	0	0.0%	0	0	0.0%	0	0	0.0%	128	592	-78.4%

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Equity Index Options												
BITCOIN OPTIONS	0	0	0.0%	2,156	1,611	33.8%	0	0	0.0%	23,945	12,909	85.5%
E-MINI NASDAQ 100	0	0	0.0%	1,476,991	1,151,523	28.3%	0	0	0.0%	12,163,259	9,012,489	35.0%
E-MINI RUSSELL 2000	0	0	0.0%	93,546	109,310	-14.4%	0	0	0.0%	1,224,960	1,231,358	-0.5%
E-MINI S&P500	0	0	0.0%	28,414,854	27,454,717	3.5%	0	0	0.0%	218,167,279	195,727,242	11.5%
EOM S&P 500	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ETHER OPTIONS	0	0	0.0%	2,137	98	2,080.6%	0	0	0.0%	11,236	98	11,365.3%
EVENT CONTRACT S&P 500	0	-	-	11,617	-	-	0	-	-	54,141	-	-
MICRO BITCOIN	0	0	0.0%	9,664	11,819	-18.2%	0	0	0.0%	95,168	63,960	48.8%
MICRO E-MINI NASDAQ 100	0	0	0.0%	51,731	45,890	12.7%	0	0	0.0%	503,292	498,771	0.9%
Micro E-mini S&P 500	0	0	0.0%	281,117	252,242	11.4%	0	0	0.0%	2,123,847	2,113,911	0.5%
MICRO ETHER	0	0	0.0%	17,176	59,201	-71.0%	0	0	0.0%	156,771	202,615	-22.6%
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%	3	114	-97.4%	0	0	0.0%	170	466	-63.5%
AD/JY CROSS RATES	0	0	0.0%	1,534	3,762	-59.2%	0	0	0.0%	13,253	41,858	-68.3%
AD/NE CROSS RATES	0	0	0.0%	3,926	14,868	-73.6%	0	0	0.0%	28,717	29,694	-3.3%
AUSTRALIAN DOLLAR	0	0	0.0%	2,797,457	2,765,464	1.2%	0	0	0.0%	18,366,001	19,012,791	-3.4%
BP/JY CROSS RATES	0	0	0.0%	1,708	12,524	-86.4%	0	0	0.0%	19,133	40,684	-53.0%
BP/SF CROSS RATES	0	0	0.0%	1,034	4,578	-77.4%	0	0	0.0%	18,142	18,722	-3.1%
BRAZIL REAL	0	0	0.0%	322,712	243,094	32.8%	0	0	0.0%	2,422,164	2,493,859	-2.9%
BRITISH POUND	0	0	0.0%	2,681,318	4,372,787	-38.7%	0	0	0.0%	19,786,153	22,904,102	-13.6%
CANADIAN DOLLAR	0	0	0.0%	2,305,097	2,682,494	-14.1%	0	0	0.0%	15,637,484	16,987,879	-7.9%
CD/JY CROSS RATES	0	0	0.0%	136	15	806.7%	0	0	0.0%	533	287	85.7%
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%	41,908	49,260	-14.9%	0	0	0.0%	262,418	253,135	3.7%
CZECK KORUNA (EC)	0	0	0.0%	1	0	0.0%	0	0	0.0%	6	19	-68.4%
CZECK KORUNA (US)	0	0	0.0%	2	8	-75.0%	0	0	0.0%	35	26	34.6%
EC/AD CROSS RATES	0	0	0.0%	17,865	14,356	24.4%	0	0	0.0%	50,079	54,021	-7.3%
EC/CD CROSS RATES	0	0	0.0%	15,582	13,170	18.3%	0	0	0.0%	57,376	75,914	-24.4%
EC/NOK CROSS RATES	0	0	0.0%	1,046	8,867	-88.2%	0	0	0.0%	9,992	18,288	-45.4%
EC/SEK CROSS RATES	0	0	0.0%	3,048	3,883	-21.5%	0	0	0.0%	18,675	22,361	-16.5%

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FX Futures												
EFX/BP CROSS RATES	0	0	0.0%	155,819	192,559	-19.1%	0	0	0.0%	613,582	885,095	-30.7%
EFX/JY CROSS RATES	0	0	0.0%	110,680	100,695	9.9%	0	0	0.0%	450,737	521,203	-13.5%
EFX/SF CROSS RATES	0	0	0.0%	52,074	62,490	-16.7%	0	0	0.0%	208,376	374,711	-44.4%
E-MICRO USD/CAD	0	0	0.0%	95	83	14.5%	0	0	0.0%	1,069	1,818	-41.2%
E-MICRO USD/CHF	0	0	0.0%	117	63	85.7%	0	0	0.0%	1,319	707	86.6%
E-MICRO USD/JPY	0	0	0.0%	4,873	1,980	146.1%	0	0	0.0%	33,829	150,324	-77.5%
E-MINI EURO FX	0	0	0.0%	111,565	214,527	-48.0%	0	0	0.0%	1,092,959	1,359,912	-19.6%
E-MINI JAPANESE YEN	0	0	0.0%	10,249	22,461	-54.4%	0	0	0.0%	109,754	105,636	3.9%
EURO FX	0	0	0.0%	5,887,099	7,982,950	-26.3%	0	0	0.0%	42,715,899	45,523,622	-6.2%
HUNGARIAN FORINT (EC)	0	0	0.0%	15	0	0.0%	0	0	0.0%	37	2	1,750.0%
HUNGARIAN FORINT (US)	0	0	0.0%	1	4	-75.0%	0	0	0.0%	86	42	104.8%
INDIAN RUPEE	0	0	0.0%	18,904	44,018	-57.1%	0	0	0.0%	238,349	227,451	4.8%
JAPANESE YEN	0	0	0.0%	3,855,812	5,004,873	-23.0%	0	0	0.0%	32,223,149	29,110,455	10.7%
KOREAN WON	0	0	0.0%	857	260	229.6%	0	0	0.0%	3,757	2,883	30.3%
MEXICAN PESO	0	0	0.0%	1,935,477	1,942,344	-0.4%	0	0	0.0%	11,585,338	10,854,922	6.7%
MICRO AUD/USD	0	0	0.0%	250,855	276,759	-9.4%	0	0	0.0%	2,439,074	2,354,409	3.6%
MICRO CAD/USD	0	0	0.0%	43,112	69,404	-37.9%	0	0	0.0%	466,191	527,704	-11.7%
MICRO CHF/USD	0	0	0.0%	16,579	25,467	-34.9%	0	0	0.0%	141,014	157,429	-10.4%
MICRO EUR/USD	0	0	0.0%	522,155	1,023,632	-49.0%	0	0	0.0%	5,553,473	6,998,898	-20.7%
MICRO GBP/USD	0	0	0.0%	62,423	233,213	-73.2%	0	0	0.0%	617,356	1,018,750	-39.4%
MICRO INR/USD	0	0	0.0%	244	592	-58.8%	0	0	0.0%	3,822	6,422	-40.5%
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%	825,431	957,366	-13.8%	0	0	0.0%	5,873,244	5,767,515	1.8%
NKR/USD CROSS RATE	0	0	0.0%	5,011	4,212	19.0%	0	0	0.0%	29,543	26,977	9.5%
POLISH ZLOTY (EC)	0	0	0.0%	167	203	-17.7%	0	0	0.0%	537	1,211	-55.7%
POLISH ZLOTY (US)	0	0	0.0%	2,591	2,252	15.1%	0	0	0.0%	10,389	12,223	-15.0%
RMB USD	0	0	0.0%	0	10	-100.0%	0	0	0.0%	5	29	-82.8%
RUSSIAN RUBLE	0	0	0.0%	0	22	-100.0%	0	0	0.0%	0	576,766	-100.0%
S.AFRICAN RAND	0	0	0.0%	90,801	100,283	-9.5%	0	0	0.0%	717,575	827,711	-13.3%
SF/JY CROSS RATES	0	0	0.0%	779	704	10.7%	0	0	0.0%	4,926	5,149	-4.3%
SHEKEL	0	0	0.0%	439	38	1,055.3%	0	0	0.0%	1,203	146	724.0%
SKR/USD CROSS RATES	0	0	0.0%	7,026	11,374	-38.2%	0	0	0.0%	42,251	58,811	-28.2%
SWISS FRANC	0	0	0.0%	564,795	781,371	-27.7%	0	0	0.0%	4,065,905	5,004,921	-18.8%
TURKISH LIRA	0	0	0.0%	0	2	-100.0%	0	0	0.0%	20	2	900.0%

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FX Futures												
USDZAR	0	0	0.0%	10	0	0.0%	0	0	0.0%	115	31	271.0%
FX Options												
AUD/USD MONDAY OPTION W	0	0	0.0%	191	55	247.3%	0	0	0.0%	1,779	1,754	1.4%
AUD/USD MONDAY OPTION W	0	0	0.0%	187	53	252.8%	0	0	0.0%	3,670	3,243	13.2%
AUD/USD MONDAY OPTION W	0	0	0.0%	143	84	70.2%	0	0	0.0%	1,988	2,286	-13.0%
AUD/USD MONDAY OPTION W	0	0	0.0%	135	268	-49.6%	0	0	0.0%	2,674	3,143	-14.9%
AUD/USD MONDAY OPTION W	0	0	0.0%	0	0	0.0%	0	0	0.0%	490	1,218	-59.8%
AUD/USD MONTHLY OPTIONS	0	0	0.0%	67,666	80,112	-15.5%	0	0	0.0%	526,372	629,427	-16.4%
AUD/USD THURSDAY WKLY O	0	-	-	41	-	-	0	-	-	1,065	-	-
AUD/USD THURSDAY WKLY O	0	-	-	50	-	-	0	-	-	792	-	-
AUD/USD THURSDAY WKLY O	0	-	-	16	-	-	0	-	-	1,222	-	-
AUD/USD THURSDAY WKLY O	0	-	-	71	-	-	0	-	-	1,567	-	-
AUD/USD THURSDAY WKLY O	0	-	-	0	-	-	0	-	-	498	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	253	-	-	0	-	-	1,791	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	40	-	-	0	-	-	1,802	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	39	-	-	0	-	-	1,204	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	298	-	-	0	-	-	1,230	-	-
AUD/USD TUESDAY WKLY OPT	0	-	-	0	-	-	0	-	-	282	-	-
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	37	177	-79.1%	0	0	0.0%	4,305	4,572	-5.8%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	804	973	-17.4%	0	0	0.0%	11,777	12,876	-8.5%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,000	1,344	-25.6%	0	0	0.0%	12,820	18,338	-30.1%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	897	1,074	-16.5%	0	0	0.0%	14,199	13,571	4.6%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	889	972	-8.5%	0	0	0.0%	3,278	5,196	-36.9%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	649	82	691.5%	0	0	0.0%	4,336	5,629	-23.0%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	357	199	79.4%	0	0	0.0%	2,542	4,194	-39.4%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	282	202	39.6%	0	0	0.0%	2,864	5,318	-46.1%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	122	114	7.0%	0	0	0.0%	2,239	4,608	-51.4%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,279	578	121.3%
BRL/USD MONTHLY OPTIONS	0	0	0.0%	0	284	-100.0%	0	0	0.0%	345	3,021	-88.6%
CAD/USD MONDAY OPTIONS	0	0	0.0%	654	545	20.0%	0	0	0.0%	7,006	1,833	282.2%
CAD/USD MONDAY OPTIONS	0	0	0.0%	138	928	-85.1%	0	0	0.0%	9,194	10,496	-12.4%
CAD/USD MONDAY OPTIONS	0	0	0.0%	392	1,922	-79.6%	0	0	0.0%	6,475	9,622	-32.7%

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FX Options												
CAD/USD MONDAY OPTIONS	0	0	0.0%	2,473	804	207.6%	0	0	0.0%	8,127	7,006	16.0%
CAD/USD MONDAY OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	338	1,535	-78.0%
CAD/USD MONTHLY OPTIONS	0	0	0.0%	29,205	52,919	-44.8%	0	0	0.0%	442,593	539,224	-17.9%
CAD/USD THURSDAY WKLY O	0	-	-	212	-	-	0	-	-	2,488	-	-
CAD/USD THURSDAY WKLY O	0	-	-	561	-	-	0	-	-	2,864	-	-
CAD/USD THURSDAY WKLY O	0	-	-	247	-	-	0	-	-	2,852	-	-
CAD/USD THURSDAY WKLY O	0	-	-	937	-	-	0	-	-	4,851	-	-
CAD/USD THURSDAY WKLY O	0	-	-	0	-	-	0	-	-	2,323	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	59	-	-	0	-	-	3,088	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	583	-	-	0	-	-	5,565	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	500	-	-	0	-	-	3,264	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	1,680	-	-	0	-	-	2,986	-	-
CAD/USD TUESDAY WKLY OPT	0	-	-	0	-	-	0	-	-	917	-	-
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	209	1,002	-79.1%	0	0	0.0%	11,086	12,919	-14.2%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,377	1,535	-10.3%	0	0	0.0%	17,311	29,262	-40.8%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,081	4,764	-35.3%	0	0	0.0%	20,460	49,806	-58.9%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,215	7,708	-45.3%	0	0	0.0%	26,978	42,119	-35.9%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,191	2,751	16.0%	0	0	0.0%	10,973	12,620	-13.1%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	720	1,147	-37.2%	0	0	0.0%	11,442	9,172	24.7%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	910	404	125.2%	0	0	0.0%	9,757	11,221	-13.0%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	2,959	1,750	69.1%	0	0	0.0%	9,397	13,505	-30.4%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,727	564	206.2%	0	0	0.0%	10,594	14,133	-25.0%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,566	4,474	-20.3%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	3,768	4,237	-11.1%	0	0	0.0%	31,771	39,542	-19.7%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	56	0	0.0%	0	0	0.0%	2,103	989	112.6%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	61	8	662.5%	0	0	0.0%	5,542	871	536.3%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	236	38	521.1%	0	0	0.0%	6,919	1,001	591.2%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	465	181	156.9%	0	0	0.0%	15,761	1,207	1,205.8%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	473	34	1,291.2%	0	0	0.0%	3,534	117	2,920.5%
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%	1,480	4,350	-66.0%	0	0	0.0%	15,014	16,403	-8.5%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,672	3,272	-48.9%	0	0	0.0%	15,397	22,405	-31.3%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,825	2,124	-14.1%	0	0	0.0%	12,755	9,660	32.0%
EUR/USD MONDAY OPTION W	0	0	0.0%	597	4,943	-87.9%	0	0	0.0%	15,119	24,837	-39.1%

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FX Options												
EUR/USD MONDAY OPTION W	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,061	4,256	-51.6%
EUR/USD MONTHLY OPTIONS	0	0	0.0%	331,014	381,662	-13.3%	0	0	0.0%	2,162,534	2,184,478	-1.0%
EUR/USD THURSDAY WKLY O	0	-	-	544	-	-	0	-	-	6,924	-	-
EUR/USD THURSDAY WKLY O	0	-	-	944	-	-	0	-	-	6,400	-	-
EUR/USD THURSDAY WKLY O	0	-	-	808	-	-	0	-	-	5,362	-	-
EUR/USD THURSDAY WKLY O	0	-	-	1,313	-	-	0	-	-	8,160	-	-
EUR/USD THURSDAY WKLY O	0	-	-	0	-	-	0	-	-	380	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	1,320	-	-	0	-	-	3,883	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	81	-	-	0	-	-	5,637	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	473	-	-	0	-	-	6,080	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	465	-	-	0	-	-	4,302	-	-
EUR/USD TUESDAY WKLY OPT	0	-	-	0	-	-	0	-	-	1,588	-	-
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	755	3,547	-78.7%	0	0	0.0%	29,190	50,401	-42.1%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	9,486	6,385	48.6%	0	0	0.0%	154,001	119,928	28.4%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	37,504	16,315	129.9%	0	0	0.0%	224,608	144,580	55.4%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	20,325	11,452	77.5%	0	0	0.0%	243,619	159,904	52.4%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	14,932	14,798	0.9%	0	0	0.0%	34,918	58,029	-39.8%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	5,386	11,867	-54.6%	0	0	0.0%	42,676	57,256	-25.5%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	9,166	7,309	25.4%	0	0	0.0%	55,304	48,074	15.0%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	7,331	5,079	44.3%	0	0	0.0%	42,690	47,660	-10.4%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	7,293	7,733	-5.7%	0	0	0.0%	41,691	55,970	-25.5%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	14,869	20,237	-26.5%
EVENT CONTRACT EUR/USD	0	0	0.0%	6,812	1,690	303.1%	0	0	0.0%	51,626	1,690	2,954.8%
GBP/USD MONDAY OPTION W	0	0	0.0%	1,679	771	117.8%	0	0	0.0%	6,194	4,908	26.2%
GBP/USD MONDAY OPTION W	0	0	0.0%	192	1,342	-85.7%	0	0	0.0%	8,959	10,203	-12.2%
GBP/USD MONDAY OPTION W	0	0	0.0%	799	739	8.1%	0	0	0.0%	3,673	2,910	26.2%
GBP/USD MONDAY OPTION W	0	0	0.0%	3,155	860	266.9%	0	0	0.0%	6,907	4,880	41.5%
GBP/USD MONDAY OPTION W	0	0	0.0%	0	0	0.0%	0	0	0.0%	591	1,480	-60.1%
GBP/USD MONTHLY OPTIONS	0	0	0.0%	73,397	112,538	-34.8%	0	0	0.0%	554,017	682,676	-18.8%
GBP/USD THURSDAY WKLY O	0	-	-	595	-	-	0	-	-	2,253	-	-
GBP/USD THURSDAY WKLY O	0	-	-	88	-	-	0	-	-	1,720	-	-
GBP/USD THURSDAY WKLY O	0	-	-	115	-	-	0	-	-	2,310	-	-
GBP/USD THURSDAY WKLY O	0	-	-	361	-	-	0	-	-	1,326	-	-
GBP/USD THURSDAY WKLY O	0	-	-	0	-	-	0	-	-	363	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	477	-	-	0	-	-	1,504	-	-

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FX Options												
GBP/USD TUESDAY WKLY OPT	0	-	-	158	-	-	0	-	-	2,917	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	104	-	-	0	-	-	1,893	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	128	-	-	0	-	-	1,680	-	-
GBP/USD TUESDAY WKLY OPT	0	-	-	0	-	-	0	-	-	448	-	-
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	145	206	-29.6%	0	0	0.0%	6,628	7,507	-11.7%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,953	653	352.2%	0	0	0.0%	25,252	18,399	37.2%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,596	2,431	6.8%	0	0	0.0%	34,082	23,909	42.5%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,226	6,163	-47.7%	0	0	0.0%	21,942	23,673	-7.3%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,898	2,477	-23.4%	0	0	0.0%	6,641	8,769	-24.3%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,861	1,605	16.0%	0	0	0.0%	7,293	11,230	-35.1%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	305	382	-20.2%	0	0	0.0%	8,986	4,293	109.3%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,653	1,499	10.3%	0	0	0.0%	11,135	8,810	26.4%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	920	1,152	-20.1%	0	0	0.0%	6,374	8,482	-24.9%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,449	670	116.3%
JPY/USD MONDAY OPTION WE	0	0	0.0%	1,387	3,640	-61.9%	0	0	0.0%	5,511	6,541	-15.7%
JPY/USD MONDAY OPTION WE	0	0	0.0%	593	101	487.1%	0	0	0.0%	11,944	7,427	60.8%
JPY/USD MONDAY OPTION WE	0	0	0.0%	593	44	1,247.7%	0	0	0.0%	4,438	2,820	57.4%
JPY/USD MONDAY OPTION WE	0	0	0.0%	1,084	1,389	-22.0%	0	0	0.0%	7,261	9,383	-22.6%
JPY/USD MONDAY OPTION WE	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,177	247	781.4%
JPY/USD MONTHLY OPTIONS	0	0	0.0%	86,458	106,010	-18.4%	0	0	0.0%	836,636	1,161,438	-28.0%
JPY/USD THURSDAY WKLY OP	0	-	-	542	-	-	0	-	-	2,205	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	5	-	-	0	-	-	746	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	27	-	-	0	-	-	280	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	523	-	-	0	-	-	742	-	-
JPY/USD THURSDAY WKLY OP	0	-	-	0	-	-	0	-	-	277	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	1,288	-	-	0	-	-	1,459	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	565	-	-	0	-	-	3,937	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	206	-	-	0	-	-	2,419	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	1,858	-	-	0	-	-	3,453	-	-
JPY/USD TUESDAY WKLY OPT	0	-	-	0	-	-	0	-	-	140	-	-
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	241	492	-51.0%	0	0	0.0%	10,268	31,828	-67.7%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	4,044	3,893	3.9%	0	0	0.0%	54,434	69,320	-21.5%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	5,421	9,934	-45.4%	0	0	0.0%	62,412	99,138	-37.0%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	7,946	13,112	-39.4%	0	0	0.0%	65,644	96,479	-32.0%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	8,557	9,027	-5.2%	0	0	0.0%	18,790	37,049	-49.3%

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FX Options												
JPY/USD WKLY WED OPTIONS	0	0	0.0%	5,232	5,226	0.1%	0	0	0.0%	27,305	30,843	-11.5%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,538	6,494	-60.9%	0	0	0.0%	23,583	30,447	-22.5%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,445	5,381	-54.6%	0	0	0.0%	27,663	28,449	-2.8%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,370	8,037	-70.5%	0	0	0.0%	19,585	39,294	-50.2%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	6,503	11,330	-42.6%
MXN/USD MONTHLY OPTIONS	0	0	0.0%	453	1,320	-65.7%	0	0	0.0%	4,208	6,512	-35.4%
MXN/USD WKLY FRIDAY OPTI	0	-	-	0	-	-	0	-	-	5	-	-
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%	4	1	300.0%	0	0	0.0%	688	670	2.7%
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 SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 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%	1,272	208	511.5%	0	0	0.0%	4,484	2,283	96.4%
BUTTER CS	0	0	0.0%	3,873	2,369	63.5%	0	0	0.0%	32,347	36,440	-11.2%
CASH-SETTLED CHEESE	0	0	0.0%	11,319	8,345	35.6%	0	0	0.0%	116,611	84,679	37.7%
CAT ASIA WEATHER	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CATTLE	0	0	0.0%	1,382,014	1,326,823	4.2%	0	0	0.0%	12,259,736	10,970,008	11.8%
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%	3,839	1,816	111.4%	0	0	0.0%	12,048	21,648	-44.3%
DRY WHEY	0	0	0.0%	1,024	789	29.8%	0	0	0.0%	9,640	8,501	13.4%
FEEDER CATTLE	0	0	0.0%	432,301	338,861	27.6%	0	0	0.0%	3,252,269	2,517,264	29.2%
GOLDMAN SACHS	0	0	0.0%	1,890	2,098	-9.9%	0	0	0.0%	15,874	25,974	-38.9%
GSCI EXCESS RETURN FUT	0	0	0.0%	0	39	-100.0%	0	0	0.0%	23	91	-74.7%
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%	1,032,359	1,048,653	-1.6%	0	0	0.0%	9,811,390	8,738,953	12.3%
HOUSING INDEX	0	0	0.0%	17	7	142.9%	0	0	0.0%	145	141	2.8%
LUMBER	0	0	0.0%	13,254	10,145	30.6%	0	0	0.0%	129,471	76,629	69.0%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MILK	0	0	0.0%	33,400	25,451	31.2%	0	0	0.0%	285,834	257,671	10.9%
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%	5,550	3,420	62.3%	0	0	0.0%	45,266	50,885	-11.0%
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%	1,162	1,206	-3.6%	0	0	0.0%	13,627	19,765	-31.1%
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 SEP 2023	Open Outcry SEP 2022	% CHG	ELEC SEP 2023	ELEC SEP 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%	858	20	4,190.0%	0	0	0.0%	3,786	2,509	50.9%
BUTTER CS	0	0	0.0%	1,069	1,190	-10.2%	0	0	0.0%	15,802	12,093	30.7%
CASH-SETTLED CHEESE	0	0	0.0%	7,742	3,709	108.7%	0	0	0.0%	60,423	56,561	6.8%
CATTLE	0	0	0.0%	350,190	230,958	51.6%	0	0	0.0%	2,742,431	1,934,388	41.8%
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%	8,652	12,478	-30.7%	0	0	0.0%	58,891	67,852	-13.2%
DRY WHEY	0	0	0.0%	278	0	0.0%	0	0	0.0%	1,545	2,729	-43.4%
FEEDER CATTLE	0	0	0.0%	77,694	37,296	108.3%	0	0	0.0%	538,831	322,700	67.0%
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%	275,880	242,841	13.6%	0	0	0.0%	2,771,180	2,067,587	34.0%
LUMBER	0	0	0.0%	1,297	203	538.9%	0	0	0.0%	3,610	3,730	-3.2%
LV CATL CSO	0	-	-	0	-	-	0	-	-	60	-	-
MILK	0	0	0.0%	16,760	28,834	-41.9%	0	0	0.0%	189,367	205,953	-8.1%
MLK MID OPTIONS	0	0	0.0%	3	0	0.0%	0	0	0.0%	22	45	-51.1%
NFD MILK	0	0	0.0%	7,161	2,411	197.0%	0	0	0.0%	38,781	31,001	25.1%
PORK CUTOUT	0	0	0.0%	0	0	0.0%	0	0	0.0%	111	35	217.1%
TOTAL FUTURES GROUP												
Interest Rate Futures	322,976	1,217,993	-73.5%	62,772,572	79,883,930	-21.4%	6,126,649	7,626,163	-19.7%	638,770,727	645,767,192	-1.1%
Equity Index Futures	0	0	0.0%	103,519,176	157,107,670	-34.1%	0	0	0.0%	925,692,964	1,143,296,864	-19.0%
FX Futures	0	0	0.0%	22,730,432	29,245,455	-22.3%	0	0	0.0%	165,935,259	174,519,738	-4.9%
Ag Products Futures	0	0	0.0%	2,923,274	2,770,230	5.5%	0	0	0.0%	25,988,915	22,810,932	13.9%
TOTAL FUTURES	322,976	1,217,993	-73.5%	191,945,454	269,007,285	-28.6%	6,126,649	7,626,163	-19.7%	1,756,387,865	1,986,394,726	-11.6%

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TOTAL OPTIONS GROUP												
Equity Index Options	0	0	0.0%	30,360,989	29,086,411	4.4%	0	0	0.0%	234,523,898	208,863,353	12.3%
Interest Rate Options	14,363,637	19,061,331	-24.6%	8,574,994	9,012,374	-4.9%	209,107,654	146,252,151	43.0%	95,931,213	66,455,834	44.4%
FX Options	0	0	0.0%	827,967	958,679	-13.6%	0	0	0.0%	6,448,660	7,049,649	-8.5%
Ag Products Options	0	0	0.0%	747,584	559,940	33.5%	0	0	0.0%	6,424,840	4,707,183	36.5%
TOTAL OPTIONS	14,363,637	19,061,331	-24.6%	40,511,534	39,617,404	2.3%	209,107,654	146,252,151	43.0%	343,328,611	287,076,019	19.6%
TOTAL COMBINED												
Interest Rate	14,686,613	20,279,324	-27.6%	71,347,566	88,896,304	-19.7%	215,234,303	153,878,314	39.9%	734,701,940	712,223,026	3.2%
Equity Index	0	0	0.0%	133,880,165	186,194,081	-28.1%	0	0	0.0%	1,160,216,862	1,352,160,217	-14.2%
FX	0	0	0.0%	23,558,399	30,204,134	-22.0%	0	0	0.0%	172,383,919	181,569,387	-5.1%
Ag Products	0	0	0.0%	3,670,858	3,330,170	10.2%	0	0	0.0%	32,413,755	27,518,115	17.8%
GRAND TOTAL	14,686,613	20,279,324	-27.6%	232,456,988	308,624,689	-24.7%	215,234,303	153,878,314	39.9%	2,099,716,476	2,273,470,745	-7.6%