

CME Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2022	Open Outcry AUG 2021	% CHG	ELEC AUG 2022	ELEC AUG 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
Interest Rate Futures												
1-MONTH EURODOLLAR	0	0	0.0%	0	0	0.0%	0	0	0.0%	281	0	0.0%
BSBY 3-MONTH FUTURES	0	0	0.0%	34,249	1,953	1,653.7%	0	0	0.0%	491,481	1,953	25,065.4%
EURODOLLARS	327,406	417,959	-21.7%	26,462,713	40,042,809	-33.9%	6,022,325	3,341,696	80.2%	313,023,550	385,385,684	-18.8%
SOFR	138,690	0	0.0%	43,487,351	2,711,084	1,504.1%	385,845	0	0.0%	252,365,900	18,864,454	1,237.8%
SONIA	0	0	0.0%	0	37,166	-100.0%	0	0	0.0%	1,293	758,269	-99.8%
TIIE	0	0	0.0%	100	364	-72.5%	0	0	0.0%	757	447	69.4%
Interest Rate Options												
EURODOLLARS	3,468,802	1,709,071	103.0%	3,041,169	892,729	240.7%	65,642,966	20,302,391	223.3%	28,244,016	10,448,504	170.3%
EURO MIDCURVE	1,604,394	10,294,746	-84.4%	944,158	4,466,659	-78.9%	38,752,819	84,890,587	-54.3%	19,986,079	42,093,139	-52.5%
SOFR	5,897,964	0	0.0%	2,411,026	50	4,821,952.0%	17,490,698	7,000	249,767.1%	7,113,049	1,342	529,933.5%
SOFR MIDCURVE	1,800,799	0	0.0%	851,565	0	0.0%	5,304,337	0	0.0%	2,100,316	60	3,500,426.7%
Equity Index Futures												
BITCOIN	0	0	0.0%	211,565	141,804	49.2%	0	0	0.0%	1,599,146	1,721,104	-7.1%
E-mini FTSE China 50	0	0	0.0%	64	211	-69.7%	0	0	0.0%	6,905	347	1,889.9%
E-MINI MIDCAP	0	0	0.0%	249,829	190,673	31.0%	0	0	0.0%	2,608,058	1,948,413	33.9%
E-MINI NASDAQ 100	0	0	0.0%	13,970,283	10,421,341	34.1%	0	0	0.0%	115,381,114	89,223,370	29.3%
E-MINI RUSSELL 1000	0	0	0.0%	1,011	2,673	-62.2%	0	0	0.0%	23,098	31,141	-25.8%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	1,578	1,169	35.0%	0	0	0.0%	35,559	20,788	71.1%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	4,209	2,439	72.6%	0	0	0.0%	61,972	60,329	2.7%
E-MINI RUSSELL 2000	0	0	0.0%	4,140,664	3,636,736	13.9%	0	0	0.0%	39,026,152	31,951,522	22.1%
E-MINI S&P500	0	0	0.0%	38,337,308	24,895,767	54.0%	0	0	0.0%	314,302,767	257,117,463	22.2%
E-MINI S&P500 ESG	0	0	0.0%	14,920	5,667	163.3%	0	0	0.0%	192,830	97,600	97.6%
ETHER	0	-	-	2	-	-	0	-	-	2	-	-
ETHER FUTURES	0	0	0.0%	141,801	95,197	49.0%	0	0	0.0%	1,028,588	429,829	139.3%
FT-SE 100	0	0	0.0%	60	0	0.0%	0	0	0.0%	1,304	191	582.7%
FTSE Emerging	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%
IBOVESPA INDEX	0	0	0.0%	30	391	-92.3%	0	0	0.0%	475	1,639	-71.0%
MICRO BITCOIN	0	0	0.0%	202,989	295,595	-31.3%	0	0	0.0%	2,766,482	1,723,356	60.5%
MICRO E-MINI NASDAQ 100	0	0	0.0%	28,667,304	16,000,710	79.2%	0	0	0.0%	251,083,283	154,367,071	62.7%
MICRO E-MINI RUSSELL 2000	0	0	0.0%	1,926,648	2,756,828	-30.1%	0	0	0.0%	23,477,697	24,831,651	-5.5%
MICRO E-MINI S&P500	0	0	0.0%	26,196,251	13,547,604	93.4%	0	0	0.0%	222,300,686	141,543,317	57.1%
MICRO ETHER	0	-	-	405,639	-	-	0	-	-	3,422,934	-	-
NASDAQ-100 VOLATILITY	0	0	0.0%	88	6	1,366.7%	0	0	0.0%	18,429	62	29,624.2%

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Equity Index Futures												
NASDAQ BIOTECH SECTOR	0	0	0.0%	100	286	-65.0%	0	0	0.0%	1,369	4,633	-70.5%
Nearby BTIC+	0	0	0.0%	300	0	0.0%	0	0	0.0%	4,450	356	1,150.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	82,865	94,278	-12.1%	0	0	0.0%	934,974	967,252	-3.3%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	578,657	502,039	15.3%	0	0	0.0%	6,289,001	4,978,689	26.3%
PHLX SEMICONDUCTOR SECT	0	-	-	26	-	-	0	-	-	26	-	-
S&P 500	0	0	0.0%	8	768	-99.0%	0	0	0.0%	1,825	12,519	-85.4%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	16,277	4,789	239.9%	0	0	0.0%	233,813	114,080	105.0%
S&P 500/GI	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
S&P 500 QUARLY DIVIDEND IN	0	0	0.0%	1,926	0	0.0%	0	0	0.0%	11,787	724	1,528.0%
S&P 600 SMALLCAP EMINI	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
S&P BIOTECHNOLOGY SECTO	0	-	-	5,807	-	-	0	-	-	5,807	-	-
S&P COMMUNICATION SERVIC	0	0	0.0%	1,725	1,147	50.4%	0	0	0.0%	25,000	20,366	22.8%
S&P CONSUMER DISCRETION	0	0	0.0%	3,217	4,598	-30.0%	0	0	0.0%	53,354	74,646	-28.5%
S&P CONSUMER STAPLES SE	0	0	0.0%	13,502	10,201	32.4%	0	0	0.0%	123,502	128,337	-3.8%
S&P ENERGY SECTOR	0	0	0.0%	30,228	17,608	71.7%	0	0	0.0%	351,412	209,878	67.4%
S&P FINANCIAL SECTOR	0	0	0.0%	8,859	12,144	-27.1%	0	0	0.0%	184,451	250,148	-26.3%
S&P HEALTH CARE SECTOR	0	0	0.0%	6,671	8,465	-21.2%	0	0	0.0%	141,794	108,155	31.1%
S&P INDUSTRIAL SECTOR	0	0	0.0%	6,646	5,958	11.5%	0	0	0.0%	101,413	81,997	23.7%
S&P MATERIALS SECTOR	0	0	0.0%	5,655	5,422	4.3%	0	0	0.0%	61,913	67,077	-7.7%
S&P OIL & GAS EXPLORATION	0	-	-	3,134	-	-	0	-	-	3,134	-	-
S&P REAL ESTATE SECTOR	0	0	0.0%	1,135	1,502	-24.4%	0	0	0.0%	30,275	29,433	2.9%
S&P REGIONAL BANKS SECTO	0	-	-	287	-	-	0	-	-	287	-	-
S&P RETAIL SECTOR	0	-	-	1,787	-	-	0	-	-	1,787	-	-
S&P TECHNOLOGY SECTOR	0	0	0.0%	9,269	6,063	52.9%	0	0	0.0%	140,598	87,434	60.8%
S&P UTILITIES SECTOR	0	0	0.0%	11,988	14,122	-15.1%	0	0	0.0%	130,953	115,523	13.4%
S&P VALUE INDEX FUTURES	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
WATER INDEX FUTURES	0	0	0.0%	25	67	-62.7%	0	0	0.0%	592	925	-36.0%
YEN DENOMINATED TOPIX	0	0	0.0%	2,558	3,873	-34.0%	0	0	0.0%	18,196	13,710	32.7%

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Equity Index Options												
BITCOIN OPTIONS	0	0	0.0%	1,747	831	110.2%	0	0	0.0%	11,298	9,039	25.0%
E-MINI NASDAQ 100	0	0	0.0%	892,403	614,763	45.2%	0	0	0.0%	7,860,966	4,383,348	79.3%
E-mini Russell 2000	0	0	0.0%	79,252	112,150	-29.3%	0	0	0.0%	864,149	709,836	21.7%
E-MINI RUSSELL 2000	0	0	0.0%	31,256	33,490	-6.7%	0	0	0.0%	257,899	227,863	13.2%
E-mini S&P 500	0	0	0.0%	9,551,042	6,561,128	45.6%	0	0	0.0%	86,644,099	52,891,876	63.8%
E-MINI S&P500	0	0	0.0%	11,050,744	5,988,691	84.5%	0	0	0.0%	81,628,426	45,744,056	78.4%
EOM S&P 500	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2,156	-100.0%
MICRO BITCOIN	0	-	-	12,832	-	-	0	-	-	52,141	-	-
Micro E-mini Nasdaq-100	0	0	0.0%	33,182	29,009	14.4%	0	0	0.0%	355,334	206,988	71.7%
MICRO E-MINI NASDAQ 100	0	0	0.0%	10,075	6,633	51.9%	0	0	0.0%	97,547	42,636	128.8%
Micro E-mini S&P 500	0	0	0.0%	193,756	145,485	33.2%	0	0	0.0%	1,861,669	1,123,218	65.7%
MICRO ETHER	0	-	-	95,795	-	-	0	-	-	143,414	-	-
S&P 500	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	200	-100.0%
FX Futures												
AD/CD CROSS RATES	0	0	0.0%	17	2	750.0%	0	0	0.0%	352	148	137.8%
AD/JY CROSS RATES	0	0	0.0%	2,760	1,925	43.4%	0	0	0.0%	38,096	17,023	123.8%
AD/NE CROSS RATES	0	0	0.0%	2,306	717	221.6%	0	0	0.0%	14,826	2,003	640.2%
AUSTRALIAN DOLLAR	0	0	0.0%	2,000,439	1,645,519	21.6%	0	0	0.0%	16,247,327	16,311,741	-0.4%
BP/JY CROSS RATES	0	0	0.0%	2,791	2,076	34.4%	0	0	0.0%	28,160	19,223	46.5%
BP/SF CROSS RATES	0	0	0.0%	1,663	1,003	65.8%	0	0	0.0%	14,144	5,242	169.8%
BRAZIL REAL	0	0	0.0%	249,316	277,599	-10.2%	0	0	0.0%	2,250,765	1,928,430	16.7%
BRITISH POUND	0	0	0.0%	2,415,490	1,588,222	52.1%	0	0	0.0%	18,531,315	15,395,349	20.4%
CANADIAN DOLLAR	0	0	0.0%	1,775,728	1,501,279	18.3%	0	0	0.0%	14,305,385	13,056,643	9.6%
CD/JY CROSS RATES	0	0	0.0%	3	253	-98.8%	0	0	0.0%	272	1,364	-80.1%
CHINESE RENMINBI (CNH)	0	0	0.0%	24,825	15,564	59.5%	0	0	0.0%	203,875	129,995	56.8%
CZECK KORUNA (EC)	0	0	0.0%	0	0	0.0%	0	0	0.0%	19	2	850.0%
CZECK KORUNA (US)	0	0	0.0%	0	0	0.0%	0	0	0.0%	18	5	260.0%
EC/AD CROSS RATES	0	0	0.0%	4,058	1,873	116.7%	0	0	0.0%	39,665	33,653	17.9%
EC/CD CROSS RATES	0	0	0.0%	4,298	2,639	62.9%	0	0	0.0%	62,744	49,305	27.3%
EC/NOK CROSS RATES	0	0	0.0%	959	161	495.7%	0	0	0.0%	9,421	4,131	128.1%
EC/SEK CROSS RATES	0	0	0.0%	3,634	101	3,498.0%	0	0	0.0%	18,478	4,374	322.5%
EFX/BP CROSS RATES	0	0	0.0%	62,119	29,186	112.8%	0	0	0.0%	692,536	401,750	72.4%
EFX/JY CROSS RATES	0	0	0.0%	27,992	15,351	82.3%	0	0	0.0%	420,508	276,827	51.9%
EFX/SF CROSS RATES	0	0	0.0%	20,654	15,200	35.9%	0	0	0.0%	312,221	161,883	92.9%
E-MICRO USD/CAD	0	0	0.0%	50	100	-50.0%	0	0	0.0%	1,735	252	588.5%
E-MICRO USD/CHF	0	0	0.0%	33	17	94.1%	0	0	0.0%	644	29	2,120.7%

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FX Futures												
E-MICRO USD/JPY	0	0	0.0%	2,411	9	26,688.9%	0	0	0.0%	148,344	9	1,648,166.7%
E-MINI EURO FX	0	0	0.0%	169,440	76,370	121.9%	0	0	0.0%	1,145,385	992,307	15.4%
E-MINI JAPANESE YEN	0	0	0.0%	17,648	9,115	93.6%	0	0	0.0%	83,175	71,929	15.6%
EURO FX	0	0	0.0%	4,999,374	2,900,806	72.3%	0	0	0.0%	37,540,672	31,252,269	20.1%
HUNGARIAN FORINT (EC)	0	0	0.0%	0	0	0.0%	0	0	0.0%	2	0	0.0%
HUNGARIAN FORINT (US)	0	0	0.0%	2	11	-81.8%	0	0	0.0%	38	137	-72.3%
INDIAN RUPEE	0	0	0.0%	31,072	10,049	209.2%	0	0	0.0%	183,433	107,880	70.0%
JAPANESE YEN	0	0	0.0%	3,655,597	1,958,118	86.7%	0	0	0.0%	24,105,582	17,062,871	41.3%
KOREAN WON	0	0	0.0%	200	383	-47.8%	0	0	0.0%	2,623	10,951	-76.0%
MEXICAN PESO	0	0	0.0%	1,045,472	969,802	7.8%	0	0	0.0%	8,912,578	8,655,033	3.0%
MICRO AUD/USD	0	0	0.0%	241,468	166,180	45.3%	0	0	0.0%	2,077,650	1,685,694	23.3%
MICRO CAD/USD	0	0	0.0%	49,861	60,041	-17.0%	0	0	0.0%	458,300	437,065	4.9%
MICRO CHF/USD	0	0	0.0%	17,658	7,044	150.7%	0	0	0.0%	131,962	69,867	88.9%
MICRO EUR/USD	0	0	0.0%	833,954	378,855	120.1%	0	0	0.0%	5,975,266	3,916,474	52.6%
MICRO GBP/USD	0	0	0.0%	110,406	64,643	70.8%	0	0	0.0%	785,537	577,692	36.0%
MICRO INR/USD	0	0	0.0%	433	1,130	-61.7%	0	0	0.0%	5,830	14,781	-60.6%
MICRO JPY/USD	0	0	0.0%	0	31,784	-100.0%	0	0	0.0%	101,719	260,496	-61.0%
MICRO USD/CNH	0	0	0.0%	0	0	0.0%	0	0	0.0%	2	36	-94.4%
NEW ZEALND DOLLAR	0	0	0.0%	671,643	613,492	9.5%	0	0	0.0%	4,810,149	4,776,152	0.7%
NKR/USD CROSS RATE	0	0	0.0%	2,010	3,325	-39.5%	0	0	0.0%	22,765	36,621	-37.8%
POLISH ZLOTY (EC)	0	0	0.0%	18	32	-43.8%	0	0	0.0%	1,008	968	4.1%
POLISH ZLOTY (US)	0	0	0.0%	429	363	18.2%	0	0	0.0%	9,971	6,584	51.4%
RMB USD	0	0	0.0%	4	1	300.0%	0	0	0.0%	19	3	533.3%
RUSSIAN RUBLE	0	0	0.0%	78	102,943	-99.9%	0	0	0.0%	576,744	786,342	-26.7%
S.AFRICAN RAND	0	0	0.0%	70,996	65,412	8.5%	0	0	0.0%	727,428	427,478	70.2%
SF/JY CROSS RATES	0	0	0.0%	330	38	768.4%	0	0	0.0%	4,445	215	1,967.4%
SHEKEL	0	0	0.0%	10	1	900.0%	0	0	0.0%	108	16	575.0%
SKR/USD CROSS RATES	0	0	0.0%	4,275	5,852	-26.9%	0	0	0.0%	47,437	36,602	29.6%
SWISS FRANC	0	0	0.0%	542,057	437,440	23.9%	0	0	0.0%	4,223,550	3,820,337	10.6%
TURKISH LIRA	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	8	-100.0%
USDZAR	0	0	0.0%	0	4	-100.0%	0	0	0.0%	31	64	-51.6%
FX Options												
AUD/USD MONDAY OPTION W	0	0	0.0%	1	4	-75.0%	0	0	0.0%	1,699	2,429	-30.1%
AUD/USD MONDAY OPTION W	0	0	0.0%	99	300	-67.0%	0	0	0.0%	3,190	2,929	8.9%
AUD/USD MONDAY OPTION W	0	0	0.0%	208	249	-16.5%	0	0	0.0%	2,202	2,934	-24.9%
AUD/USD MONDAY OPTION W	0	0	0.0%	86	586	-85.3%	0	0	0.0%	2,875	3,598	-20.1%
AUD/USD MONDAY OPTION W	0	0	0.0%	439	1,347	-67.4%	0	0	0.0%	1,218	1,370	-11.1%

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FX Options												
AUD/USD MONTHLY OPTIONS	0	0	0.0%	60,739	58,043	4.6%	0	0	0.0%	549,315	381,391	44.0%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,416	234	505.1%	0	0	0.0%	4,395	4,231	3.9%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	689	2,456	-71.9%	0	0	0.0%	11,903	13,115	-9.2%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,356	2,072	-34.6%	0	0	0.0%	16,994	20,161	-15.7%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,181	1,965	11.0%	0	0	0.0%	12,497	22,728	-45.0%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	307	0	0.0%	0	0	0.0%	4,224	4,857	-13.0%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	131	360	-63.6%	0	0	0.0%	5,547	8,586	-35.4%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	483	668	-27.7%	0	0	0.0%	3,995	6,060	-34.1%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	55	59	-6.8%	0	0	0.0%	2,042	2,736	-25.4%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	347	195	77.9%	0	0	0.0%	4,494	7,525	-40.3%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	319	0	0.0%	0	0	0.0%	578	1,408	-58.9%
BRL/USD MONTHLY OPTIONS	0	0	0.0%	365	332	9.9%	0	0	0.0%	2,737	2,590	5.7%
CAD/USD MONDAY OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,288	5,961	-78.4%
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,078	1,118	-3.6%	0	0	0.0%	9,568	10,542	-9.2%
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,683	858	96.2%	0	0	0.0%	7,700	3,896	97.6%
CAD/USD MONDAY OPTIONS	0	0	0.0%	899	3,990	-77.5%	0	0	0.0%	6,202	14,203	-56.3%
CAD/USD MONDAY OPTIONS	0	0	0.0%	279	2,535	-89.0%	0	0	0.0%	1,535	3,147	-51.2%
CAD/USD MONTHLY OPTIONS	0	0	0.0%	55,780	91,710	-39.2%	0	0	0.0%	486,305	518,193	-6.2%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,243	32	13,159.4%	0	0	0.0%	11,917	15,009	-20.6%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,508	6,549	-46.4%	0	0	0.0%	27,727	37,122	-25.3%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	5,142	8,364	-38.5%	0	0	0.0%	45,042	55,470	-18.8%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,489	12,498	-80.1%	0	0	0.0%	34,411	60,886	-43.5%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2	0	0.0%	0	0	0.0%	9,869	15,578	-36.6%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,795	3,540	-49.3%	0	0	0.0%	8,025	12,867	-37.6%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	2,230	3,511	-36.5%	0	0	0.0%	10,817	15,571	-30.5%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,608	1,463	9.9%	0	0	0.0%	11,755	12,279	-4.3%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	407	1,179	-65.5%	0	0	0.0%	13,569	12,542	8.2%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	362	0	0.0%	0	0	0.0%	4,474	3,241	38.0%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	1,596	4,835	-67.0%	0	0	0.0%	35,305	37,633	-6.2%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	414	83	398.8%	0	0	0.0%	989	301	228.6%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	28	418	-93.3%	0	0	0.0%	863	2,193	-60.6%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	104	130	-20.0%	0	0	0.0%	963	1,543	-37.6%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	29	36	-19.4%	0	0	0.0%	1,026	2,330	-56.0%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	1	0	0.0%	0	0	0.0%	83	238	-65.1%
EUR/GBP MONTHLY OPTIONS	0	-	-	0	-	-	0	-	-	204	-	-
EUR/GBP WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
EUR/USD MONDAY OPTION W	0	0	0.0%	615	86	615.1%	0	0	0.0%	12,053	15,135	-20.4%
EUR/USD MONDAY OPTION W	0	0	0.0%	769	1,385	-44.5%	0	0	0.0%	19,133	13,014	47.0%
EUR/USD MONDAY OPTION W	0	0	0.0%	124	3,518	-96.5%	0	0	0.0%	7,536	11,718	-35.7%
EUR/USD MONDAY OPTION W	0	0	0.0%	468	882	-46.9%	0	0	0.0%	19,894	18,819	5.7%

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FX Options												
EUR/USD MONDAY OPTION W	0	0	0.0%	1,400	4,358	-67.9%	0	0	0.0%	4,256	5,945	-28.4%
EUR/USD MONTHLY OPTIONS	0	0	0.0%	197,166	164,035	20.2%	0	0	0.0%	1,802,816	1,596,948	12.9%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	10,847	153	6,989.5%	0	0	0.0%	46,854	30,487	53.7%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	9,060	15,396	-41.2%	0	0	0.0%	113,543	106,754	6.4%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	17,583	18,459	-4.7%	0	0	0.0%	128,265	157,413	-18.5%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	16,279	16,613	-2.0%	0	0	0.0%	148,452	142,210	4.4%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	27	0	0.0%	0	0	0.0%	43,231	58,205	-25.7%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	4,141	6,390	-35.2%	0	0	0.0%	45,389	53,000	-14.4%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	4,503	6,060	-25.7%	0	0	0.0%	40,765	58,951	-30.8%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	4,736	7,006	-32.4%	0	0	0.0%	42,581	56,826	-25.1%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	7,079	8,103	-12.6%	0	0	0.0%	48,237	71,764	-32.8%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	7,189	0	0.0%	0	0	0.0%	20,237	12,636	60.2%
GBP/USD MONDAY OPTION W	0	0	0.0%	1	0	0.0%	0	0	0.0%	4,137	3,127	32.3%
GBP/USD MONDAY OPTION W	0	0	0.0%	1,538	587	162.0%	0	0	0.0%	8,861	4,969	78.3%
GBP/USD MONDAY OPTION W	0	0	0.0%	89	180	-50.6%	0	0	0.0%	2,171	1,887	15.1%
GBP/USD MONDAY OPTION W	0	0	0.0%	139	1,483	-90.6%	0	0	0.0%	4,020	4,258	-5.6%
GBP/USD MONDAY OPTION W	0	0	0.0%	1,119	254	340.6%	0	0	0.0%	1,480	654	126.3%
GBP/USD MONTHLY OPTIONS	0	0	0.0%	76,519	57,377	33.4%	0	0	0.0%	570,138	580,486	-1.8%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,015	70	4,207.1%	0	0	0.0%	7,301	8,176	-10.7%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,353	3,759	-10.8%	0	0	0.0%	17,746	20,405	-13.0%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,214	1,979	11.9%	0	0	0.0%	21,478	22,804	-5.8%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,063	1,459	41.4%	0	0	0.0%	17,510	26,981	-35.1%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	726	0	0.0%	0	0	0.0%	6,292	7,912	-20.5%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	419	651	-35.6%	0	0	0.0%	9,625	9,388	2.5%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	401	108	271.3%	0	0	0.0%	3,911	5,270	-25.8%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	98	809	-87.9%	0	0	0.0%	7,311	5,597	30.6%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	959	522	83.7%	0	0	0.0%	7,330	8,036	-8.8%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	189	0	0.0%	0	0	0.0%	670	1,901	-64.8%
JPY/USD MONDAY OPTION WE	0	0	0.0%	4	0	0.0%	0	0	0.0%	2,901	3,096	-6.3%
JPY/USD MONDAY OPTION WE	0	0	0.0%	1,296	1,376	-5.8%	0	0	0.0%	7,326	4,290	70.8%
JPY/USD MONDAY OPTION WE	0	0	0.0%	776	879	-11.7%	0	0	0.0%	2,776	3,481	-20.3%
JPY/USD MONDAY OPTION WE	0	0	0.0%	853	369	131.2%	0	0	0.0%	7,994	1,662	381.0%
JPY/USD MONDAY OPTION WE	0	0	0.0%	196	2,384	-91.8%	0	0	0.0%	247	2,697	-90.8%
JPY/USD MONTHLY OPTIONS	0	0	0.0%	87,598	72,861	20.2%	0	0	0.0%	1,055,428	623,492	69.3%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	7,380	10	73,700.0%	0	0	0.0%	31,336	20,927	49.7%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	8,414	8,257	1.9%	0	0	0.0%	65,427	44,103	48.4%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	8,487	7,399	14.7%	0	0	0.0%	89,204	74,659	19.5%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	8,591	12,454	-31.0%	0	0	0.0%	83,367	70,284	18.6%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	123	0	0.0%	0	0	0.0%	28,022	25,004	12.1%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,044	2,709	-24.5%	0	0	0.0%	25,617	20,009	28.0%

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FX Options												
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,040	3,186	-4.6%	0	0	0.0%	23,953	27,042	-11.4%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	4,414	3,002	47.0%	0	0	0.0%	23,068	25,363	-9.0%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,528	3,336	-24.2%	0	0	0.0%	31,257	22,875	36.6%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,775	0	0.0%	0	0	0.0%	11,330	5,541	104.5%
MXN/USD MONTHLY OPTIONS	0	0	0.0%	767	923	-16.9%	0	0	0.0%	5,192	7,881	-34.1%
MXN/USD WKLY FRIDAY OPTI	-	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%	17	604	-97.2%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	552	-100.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	331	-100.0%
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%	163	42	288.1%	0	0	0.0%	669	1,329	-49.7%
NZD/USD WKLY FRIDAY OPTIO	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NZD/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	12	-100.0%	0	0	0.0%	0	12	-100.0%
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%	0	68	-100.0%
Foreign Exchange Futures												
CHILEAN PESO	0	-	-	0	-	-	0	-	-	24	-	-
Foreign Exchange Options												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	129	277	-53.4%	0	0	0.0%	3,074	4,311	-28.7%



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Ag Products Futures												
BLOCK CHEESE	0	0	0.0%	167	741	-77.5%	0	0	0.0%	2,075	5,544	-62.6%
BUTTER CS	0	0	0.0%	3,681	3,337	10.3%	0	0	0.0%	34,071	31,750	7.3%
CASH-SETTLED CHEESE	0	0	0.0%	8,843	11,100	-20.3%	0	0	0.0%	76,334	92,966	-17.9%
CAT ASIA WEATHER	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CATTLE	0	0	0.0%	1,034,075	1,111,485	-7.0%	0	0	0.0%	9,643,185	9,431,931	2.2%
CAT WEATHER EUROPEAN	0	0	0.0%	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%	2,383	1,688	41.2%	0	0	0.0%	19,832	7,321	170.9%
DRY WHEY	0	0	0.0%	715	933	-23.4%	0	0	0.0%	7,712	17,011	-54.7%
FEEDER CATTLE	0	0	0.0%	318,597	314,462	1.3%	0	0	0.0%	2,178,403	1,999,036	9.0%
GOLDMAN SACHS	0	0	0.0%	3,060	4,116	-25.7%	0	0	0.0%	23,876	76,995	-69.0%
GSCI EXCESS RETURN FUT	0	0	0.0%	0	0	0.0%	0	0	0.0%	52	101	-48.5%
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	-	-
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%	875,397	785,763	11.4%	0	0	0.0%	7,690,300	7,832,852	-1.8%
HOUSING INDEX	0	0	0.0%	16	20	-20.0%	0	0	0.0%	134	96	39.6%
LUMBER	0	0	0.0%	11,954	8,460	41.3%	0	0	0.0%	66,484	83,626	-20.5%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MILK	0	0	0.0%	27,852	25,097	11.0%	0	0	0.0%	232,220	189,366	22.6%
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%	5,020	4,373	14.8%	0	0	0.0%	47,465	43,010	10.4%
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%	1,343	975	37.7%	0	0	0.0%	18,559	21,788	-14.8%
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%	32	72	-55.6%	0	0	0.0%	2,489	2,382	4.5%
BUTTER CS	0	0	0.0%	1,719	423	306.4%	0	0	0.0%	10,903	15,623	-30.2%
CASH-SETTLED CHEESE	0	0	0.0%	8,189	3,531	131.9%	0	0	0.0%	52,852	56,238	-6.0%
CATTLE	0	0	0.0%	230,289	186,486	23.5%	0	0	0.0%	1,703,430	1,490,828	14.3%
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%	10,697	3,094	245.7%	0	0	0.0%	55,374	25,720	115.3%
DRY WHEY	0	0	0.0%	184	69	166.7%	0	0	0.0%	2,729	1,654	65.0%
FEEDER CATTLE	0	0	0.0%	42,199	21,039	100.6%	0	0	0.0%	285,404	170,543	67.4%
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%	244,160	193,411	26.2%	0	0	0.0%	1,824,746	1,619,412	12.7%
HOUSING INDEX	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
LUMBER	0	0	0.0%	373	430	-13.3%	0	0	0.0%	3,527	6,180	-42.9%
LV CATL CSO	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
MILK	0	0	0.0%	32,184	20,318	58.4%	0	0	0.0%	177,119	197,764	-10.4%
MLK MID OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	45	11	309.1%
NFD MILK	0	0	0.0%	3,561	1,749	103.6%	0	0	0.0%	28,590	29,158	-1.9%
PORK CUTOUT	0	0	0.0%	0	1	-100.0%	0	0	0.0%	35	739	-95.3%
TOTAL FUTURES GROUP												
Interest Rate Futures	466,096	417,959	11.5%	69,984,413	42,793,376	63.5%	6,408,170	3,341,696	91.8%	565,883,262	405,010,807	39.7%
Equity Index Futures	0	0	0.0%	115,264,895	72,688,141	58.6%	0	0	0.0%	986,189,194	712,335,080	38.4%
FX Futures	0	0	0.0%	19,065,981	12,962,030	47.1%	0	0	0.0%	145,274,259	122,806,253	18.3%
Foreign Exchange Futures	0	-	-	0	-	-	0	-	-	24	-	-
Ag Products Futures	0	0	0.0%	2,293,103	2,272,550	0.9%	0	0	0.0%	20,040,702	19,833,393	1.0%
TOTAL FUTURES	466,096	417,959	11.5%	206,608,392	130,716,097	58.1%	6,408,170	3,341,696	91.8%	1,717,387,441	1,259,985,533	36.3%
TOTAL OPTIONS GROUP												
Equity Index Options	0	0	0.0%	21,952,084	13,492,180	62.7%	0	0	0.0%	179,776,942	105,341,216	70.7%
Interest Rate Options	12,771,959	12,003,817	6.4%	7,247,918	5,359,438	35.2%	127,190,820	105,199,978	20.9%	57,443,460	52,543,045	9.3%
FX Options	0	0	0.0%	668,175	652,600	2.4%	0	0	0.0%	6,087,896	5,436,371	12.0%
Ag Products Options	0	0	0.0%	573,587	430,623	33.2%	0	0	0.0%	4,147,243	3,616,252	14.7%
Foreign Exchange Options	0	0	0.0%	129	277	-53.4%	0	0	0.0%	3,074	4,311	-28.7%
TOTAL OPTIONS	12,771,959	12,003,817	6.4%	30,441,893	19,935,118	52.7%	127,190,820	105,199,978	20.9%	247,458,615	166,941,195	48.2%

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CME Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2022	Open Outcry AUG 2021	% CHG	ELEC AUG 2022	ELEC AUG 2021	% CHG	Open Outcry Y.T.D 2022	Open Outcry Y.T.D 2021	% CHG	ELEC Y.T.D 2022	ELEC Y.T.D 2021	% CHG
TOTAL COMBINED												
Interest Rate	13,238,055	12,421,776	6.6%	77,232,331	48,152,814	60.4%	133,598,990	108,541,674	23.1%	623,326,722	457,553,852	36.2%
Equity Index	0	0	0.0%	137,216,979	86,180,321	59.2%	0	0	0.0%	1,165,966,136	817,676,296	42.6%
FX	0	0	0.0%	19,734,156	13,614,630	44.9%	0	0	0.0%	151,362,155	128,242,624	18.0%
Foreign Exchange	0	0	0.0%	129	277	-53.4%	0	0	0.0%	3,098	4,311	-28.1%
Ag Products	0	0	0.0%	2,866,690	2,703,173	6.0%	0	0	0.0%	24,187,945	23,449,645	3.1%
GRAND TOTAL	13,238,055	12,421,776	6.6%	237,050,285	150,651,215	57.4%	133,598,990	108,541,674	23.1%	1,964,846,056	1,426,926,728	37.7%

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