

CME Exchange Volume Comparison Report - Monthly

	Open Outcry MAY 2022	Open Outcry MAY 2021	% CHG	ELEC MAY 2022	ELEC MAY 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%	170	0	0.0%	0	0	0.0%	227	0	0.0%
BSBY 3-MONTH FUTURES	0	-	-	59,866	-	-	0	-	-	422,570	-	-
EURODOLLARS	318,838	324,122	-1.6%	30,472,977	40,315,125	-24.4%	3,474,839	2,037,375	70.6%	228,570,994	239,473,585	-4.6%
SOFR	17,887	0	0.0%	30,820,084	2,283,266	1,249.8%	68,587	0	0.0%	132,644,567	11,221,046	1,082.1%
SONIA	0	0	0.0%	0	87,840	-100.0%	0	0	0.0%	1,046	642,219	-99.8%
TIIE	0	0	0.0%	23	50	-54.0%	0	0	0.0%	466	50	832.0%
Interest Rate Options												
EURODOLLARS	6,918,416	2,607,200	165.4%	2,655,028	1,396,962	90.1%	49,756,298	13,897,621	258.0%	19,961,303	7,185,212	177.8%
EURO MIDCURVE	4,275,541	9,705,825	-55.9%	2,213,365	4,197,137	-47.3%	31,998,044	50,713,552	-36.9%	16,190,922	26,302,195	-38.4%
SOFR	2,017,626	1,100	#####	525,919	500	105,083.8%	3,561,092	3,100	114,773.9%	756,908	1,230	61,437.2%
SOFR MIDCURVE	549,852	0	0.0%	90,411	0	0.0%	1,669,393	0	0.0%	362,485	50	724,870.0%
Equity Index Futures												
BITCOIN	0	0	0.0%	240,374	231,280	3.9%	0	0	0.0%	899,427	1,247,468	-27.9%
E-MINI COM SERVICES SELEC	0	0	0.0%	3,368	2,410	39.8%	0	0	0.0%	15,482	13,141	17.8%
E-mini FTSE China 50	0	0	0.0%	417	0	0.0%	0	0	0.0%	6,087	0	0.0%
E-MINI MIDCAP	0	0	0.0%	275,047	211,311	30.2%	0	0	0.0%	1,677,588	1,211,688	38.5%
E-MINI NASDAQ 100	0	0	0.0%	15,645,484	10,501,741	49.0%	0	0	0.0%	73,695,661	57,749,944	27.6%
E-MINI RUSSELL 1000	0	0	0.0%	2,510	3,808	-34.1%	0	0	0.0%	15,469	15,311	1.0%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	2,943	1,132	160.0%	0	0	0.0%	26,479	12,008	120.5%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	4,533	3,235	40.1%	0	0	0.0%	33,835	40,612	-16.7%
E-MINI RUSSELL 2000	0	0	0.0%	4,925,297	3,498,342	40.8%	0	0	0.0%	25,239,084	20,307,678	24.3%
E-MINI S&P500	0	0	0.0%	42,178,038	32,374,658	30.3%	0	0	0.0%	194,450,907	171,346,027	13.5%
E-MINI S&P500 ESG	0	0	0.0%	11,906	11,824	0.7%	0	0	0.0%	139,497	68,300	104.2%
E-MINI S&P REAL ESTATE SEL	0	0	0.0%	2,449	2,789	-12.2%	0	0	0.0%	18,005	15,841	13.7%
ETHER FUTURES	0	0	0.0%	136,058	117,817	15.5%	0	0	0.0%	540,329	197,017	174.3%
FT-SE 100	0	0	0.0%	245	4	6,025.0%	0	0	0.0%	1,137	8	14,112.5%
FTSE Emerging	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%
IBOVESPA INDEX	0	0	0.0%	54	88	-38.6%	0	0	0.0%	340	1,043	-67.4%
MICRO BITCOIN	0	0	0.0%	473,453	605,921	-21.9%	0	0	0.0%	2,002,604	605,921	230.5%

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Equity Index Futures												
MICRO E-MINI NASDAQ 100	0	0	0.0%	36,898,456	20,783,449	77.5%	0	0	0.0%	162,683,834	105,899,406	53.6%
MICRO E-MINI RUSSELL 2000	0	0	0.0%	3,759,964	2,939,895	27.9%	0	0	0.0%	16,863,431	17,134,486	-1.6%
MICRO E-MINI S&P500	0	0	0.0%	32,902,509	18,620,138	76.7%	0	0	0.0%	141,190,858	99,347,226	42.1%
MICRO ETHER	0	-	-	546,231	-	-	0	-	-	2,122,115	-	-
NASDAQ-100 VOLATILITY	0	0	0.0%	2,791	22	12,586.4%	0	0	0.0%	16,936	32	52,825.0%
NASDAQ BIOTECH	0	0	0.0%	53	438	-87.9%	0	0	0.0%	631	2,724	-76.8%
Nearby BTIC+	0	0	0.0%	250	0	0.0%	0	0	0.0%	2,600	104	2,400.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	114,518	101,536	12.8%	0	0	0.0%	633,260	646,542	-2.1%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	750,606	587,269	27.8%	0	0	0.0%	4,167,581	3,233,213	28.9%
S&P 500	0	0	0.0%	1,336	1,825	-26.8%	0	0	0.0%	1,746	11,379	-84.7%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	41,694	17,364	140.1%	0	0	0.0%	160,602	73,327	119.0%
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%	2,344	60	3,806.7%	0	0	0.0%	3,271	507	545.2%
S&P 600 SMALLCAP EMINI	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
S&P CONSUMER DSCRTNRY S	0	0	0.0%	4,060	7,346	-44.7%	0	0	0.0%	34,487	55,209	-37.5%
S&P CONSUMER STAPLES SE	0	0	0.0%	18,211	8,631	111.0%	0	0	0.0%	73,459	71,366	2.9%
S&P ENERGY SECTOR	0	0	0.0%	34,025	20,877	63.0%	0	0	0.0%	198,625	135,844	46.2%
S&P FINANCIAL SECTOR	0	0	0.0%	21,823	17,234	26.6%	0	0	0.0%	117,122	153,718	-23.8%
S&P HEALTH CARE SECTOR	0	0	0.0%	20,110	9,490	111.9%	0	0	0.0%	92,124	63,852	44.3%
S&P INDUSTRIAL SECTOR	0	0	0.0%	11,867	6,684	77.5%	0	0	0.0%	64,332	43,530	47.8%
S&P MATERIALS SECTOR	0	0	0.0%	8,503	5,388	57.8%	0	0	0.0%	36,415	40,056	-9.1%
S&P TECHNOLOGY SECTOR	0	0	0.0%	15,059	7,934	89.8%	0	0	0.0%	97,042	54,843	76.9%
S&P UTILITIES SECTOR	0	0	0.0%	17,127	11,684	46.6%	0	0	0.0%	85,243	68,980	23.6%
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%	66	68	-2.9%	0	0	0.0%	546	736	-25.8%
YEN DENOMINATED TOPIX	0	0	0.0%	100	964	-89.6%	0	0	0.0%	15,268	6,803	124.4%

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Equity Index Options												
BITCOIN OPTIONS	0	0	0.0%	2,457	1,153	113.1%	0	0	0.0%	6,501	6,348	2.4%
E-MINI NASDAQ 100	0	0	0.0%	1,513,168	583,656	159.3%	0	0	0.0%	4,917,421	2,590,906	89.8%
E-mini Russell 2000	0	0	0.0%	108,897	70,128	55.3%	0	0	0.0%	618,773	406,990	52.0%
E-MINI RUSSELL 2000	0	0	0.0%	44,473	28,784	54.5%	0	0	0.0%	177,528	151,711	17.0%
E-mini S&P 500	0	0	0.0%	11,555,833	7,127,459	62.1%	0	0	0.0%	58,007,346	32,738,056	77.2%
E-MINI S&P500	0	0	0.0%	11,527,897	6,440,219	79.0%	0	0	0.0%	50,476,803	28,336,594	78.1%
EOM S&P 500	0	0	0.0%	0	40	-100.0%	0	0	0.0%	0	1,340	-100.0%
MICRO BITCOIN	0	-	-	8,534	-	-	0	-	-	12,207	-	-
Micro E-mini Nasdaq-100	0	0	0.0%	46,026	43,105	6.8%	0	0	0.0%	259,688	116,613	122.7%
MICRO E-MINI NASDAQ 100	0	0	0.0%	13,100	8,332	57.2%	0	0	0.0%	66,657	22,117	201.4%
Micro E-mini S&P 500	0	0	0.0%	228,475	160,451	42.4%	0	0	0.0%	1,250,871	679,956	84.0%
MICRO ETHER	0	-	-	6,554	-	-	0	-	-	9,224	-	-
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%	68	84	-19.0%	0	0	0.0%	204	128	59.4%
AD/JY CROSS RATES	0	0	0.0%	5,043	1,715	194.1%	0	0	0.0%	28,058	10,627	164.0%
AD/NE CROSS RATES	0	0	0.0%	1,694	117	1,347.9%	0	0	0.0%	8,524	791	977.6%
AUSTRALIAN DOLLAR	0	0	0.0%	2,193,548	1,742,671	25.9%	0	0	0.0%	9,807,919	10,531,487	-6.9%
BP/JY CROSS RATES	0	0	0.0%	3,203	1,986	61.3%	0	0	0.0%	17,289	10,700	61.6%
BP/SF CROSS RATES	0	0	0.0%	1,602	321	399.1%	0	0	0.0%	10,227	2,684	281.0%
BRAZIL REAL	0	0	0.0%	314,884	221,796	42.0%	0	0	0.0%	1,474,480	1,093,906	34.8%
BRITISH POUND	0	0	0.0%	2,170,093	1,785,172	21.6%	0	0	0.0%	11,007,368	9,192,681	19.7%
CANADIAN DOLLAR	0	0	0.0%	1,720,804	1,423,367	20.9%	0	0	0.0%	8,326,735	7,889,139	5.5%
CD/JY CROSS RATES	0	0	0.0%	6	8	-25.0%	0	0	0.0%	251	552	-54.5%
CHINESE RENMINBI (CNH)	0	0	0.0%	40,264	17,103	135.4%	0	0	0.0%	129,678	75,929	70.8%
CZECK KORUNA (EC)	0	0	0.0%	3	0	0.0%	0	0	0.0%	16	2	700.0%
CZECK KORUNA (US)	0	0	0.0%	4	0	0.0%	0	0	0.0%	15	3	400.0%
EC/AD CROSS RATES	0	0	0.0%	4,307	2,313	86.2%	0	0	0.0%	24,527	20,331	20.6%
EC/CD CROSS RATES	0	0	0.0%	3,052	3,419	-10.7%	0	0	0.0%	34,233	27,977	22.4%
EC/NOK CROSS RATES	0	0	0.0%	1,591	174	814.4%	0	0	0.0%	6,162	2,529	143.7%
EC/SEK CROSS RATES	0	0	0.0%	588	321	83.2%	0	0	0.0%	8,736	2,704	223.1%

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FX Futures												
EFX/BP CROSS RATES	0	0	0.0%	74,159	22,409	230.9%	0	0	0.0%	440,542	231,691	90.1%
EFX/JY CROSS RATES	0	0	0.0%	30,706	19,485	57.6%	0	0	0.0%	277,814	148,956	86.5%
EFX/SF CROSS RATES	0	0	0.0%	42,574	11,432	272.4%	0	0	0.0%	204,976	90,838	125.7%
E-MICRO USD/CAD	0	-	-	152	-	-	0	-	-	1,442	-	-
E-MICRO USD/CHF	0	-	-	96	-	-	0	-	-	360	-	-
E-MICRO USD/JPY	0	-	-	15,976	-	-	0	-	-	42,307	-	-
E-MINI EURO FX	0	0	0.0%	127,139	96,782	31.4%	0	0	0.0%	646,126	665,175	-2.9%
E-MINI JAPANESE YEN	0	0	0.0%	9,511	6,471	47.0%	0	0	0.0%	41,110	46,887	-12.3%
EURO FX	0	0	0.0%	4,034,455	3,265,220	23.6%	0	0	0.0%	21,706,426	19,563,894	11.0%
HUNGARIAN FORINT (EC)	0	0	0.0%	1	0	0.0%	0	0	0.0%	2	0	0.0%
HUNGARIAN FORINT (US)	0	0	0.0%	4	11	-63.6%	0	0	0.0%	33	72	-54.2%
INDIAN RUPEE	0	0	0.0%	17,800	9,368	90.0%	0	0	0.0%	97,568	73,133	33.4%
JAPANESE YEN	0	0	0.0%	2,943,077	1,960,285	50.1%	0	0	0.0%	13,421,333	10,573,635	26.9%
KOREAN WON	0	0	0.0%	253	1,415	-82.1%	0	0	0.0%	1,999	9,147	-78.1%
MEXICAN PESO	0	0	0.0%	1,072,113	866,691	23.7%	0	0	0.0%	5,069,160	5,254,259	-3.5%
MICRO AUD/USD	0	0	0.0%	315,396	183,154	72.2%	0	0	0.0%	1,358,361	1,177,672	15.3%
MICRO CAD/USD	0	0	0.0%	75,059	56,424	33.0%	0	0	0.0%	287,429	246,238	16.7%
MICRO CHF/USD	0	0	0.0%	18,799	7,890	138.3%	0	0	0.0%	61,973	46,594	33.0%
MICRO EUR/USD	0	0	0.0%	690,536	401,240	72.1%	0	0	0.0%	3,441,559	2,545,213	35.2%
MICRO GBP/USD	0	0	0.0%	112,785	67,459	67.2%	0	0	0.0%	437,089	347,990	25.6%
MICRO INR/USD	0	0	0.0%	745	1,659	-55.1%	0	0	0.0%	4,063	10,909	-62.8%
MICRO JPY/USD	0	0	0.0%	0	31,430	-100.0%	0	0	0.0%	101,719	153,179	-33.6%
MICRO USD/CNH	0	0	0.0%	0	13	-100.0%	0	0	0.0%	2	20	-90.0%
NEW ZEALND DOLLAR	0	0	0.0%	616,162	492,788	25.0%	0	0	0.0%	2,845,593	2,973,456	-4.3%
NKR/USD CROSS RATE	0	0	0.0%	2,147	3,282	-34.6%	0	0	0.0%	15,160	21,894	-30.8%
POLISH ZLOTY (EC)	0	0	0.0%	45	24	87.5%	0	0	0.0%	653	586	11.4%
POLISH ZLOTY (US)	0	0	0.0%	807	174	363.8%	0	0	0.0%	6,561	4,397	49.2%
RMB USD	0	0	0.0%	0	0	0.0%	0	0	0.0%	5	0	0.0%
RUSSIAN RUBLE	0	0	0.0%	1,265	56,344	-97.8%	0	0	0.0%	575,914	445,027	29.4%
S.AFRICAN RAND	0	0	0.0%	81,000	48,322	67.6%	0	0	0.0%	416,842	247,888	68.2%
SF/JY CROSS RATES	0	0	0.0%	541	16	3,281.3%	0	0	0.0%	2,030	130	1,461.5%
SHEKEL	0	0	0.0%	15	1	1,400.0%	0	0	0.0%	59	12	391.7%
SKR/USD CROSS RATES	0	0	0.0%	4,977	3,406	46.1%	0	0	0.0%	28,692	20,444	40.3%
SWISS FRANC	0	0	0.0%	528,881	410,495	28.8%	0	0	0.0%	2,391,620	2,310,591	3.5%
TURKISH LIRA	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	8	-100.0%

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FX Futures												
USDZAR	0	0	0.0%	0	0	0.0%	0	0	0.0%	27	49	-44.9%
FX Options												
AUD/USD MONDAY OPTION W	0	0	0.0%	148	97	52.6%	0	0	0.0%	1,597	2,036	-21.6%
AUD/USD MONDAY OPTION W	0	0	0.0%	388	209	85.6%	0	0	0.0%	2,717	1,740	56.1%
AUD/USD MONDAY OPTION W	0	0	0.0%	391	103	279.6%	0	0	0.0%	1,888	1,945	-2.9%
AUD/USD MONDAY OPTION W	0	0	0.0%	560	287	95.1%	0	0	0.0%	2,173	2,139	1.6%
AUD/USD MONDAY OPTION W	0	0	0.0%	0	0	0.0%	0	0	0.0%	779	23	3,287.0%
AUD/USD MONTHLY OPTIONS	0	0	0.0%	77,854	34,194	127.7%	0	0	0.0%	343,702	214,714	60.1%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,420	958	48.2%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,700	1,968	37.2%	0	0	0.0%	10,528	8,560	23.0%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,351	2,796	-15.9%	0	0	0.0%	12,065	12,916	-6.6%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,924	2,011	-4.3%	0	0	0.0%	8,160	16,222	-49.7%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,720	3,069	-44.0%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	1,822	2,465	-26.1%	0	0	0.0%	4,930	6,549	-24.7%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	161	767	-79.0%	0	0	0.0%	2,818	3,961	-28.9%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	97	210	-53.8%	0	0	0.0%	1,033	2,332	-55.7%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	1,094	1,074	1.9%	0	0	0.0%	2,970	5,572	-46.7%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	211	564	-62.6%
BRL/USD MONTHLY OPTIONS	0	0	0.0%	183	147	24.5%	0	0	0.0%	1,964	1,773	10.8%
CAD/USD MONDAY OPTIONS	0	0	0.0%	138	695	-80.1%	0	0	0.0%	999	4,219	-76.3%
CAD/USD MONDAY OPTIONS	0	0	0.0%	756	2,338	-67.7%	0	0	0.0%	6,600	4,977	32.6%
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,010	255	296.1%	0	0	0.0%	4,470	1,516	194.9%
CAD/USD MONDAY OPTIONS	0	0	0.0%	254	1,563	-83.7%	0	0	0.0%	4,700	3,591	30.9%
CAD/USD MONDAY OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,256	612	105.2%
CAD/USD MONTHLY OPTIONS	0	0	0.0%	78,193	62,963	24.2%	0	0	0.0%	320,409	261,295	22.6%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.0%	0	0	0.0%	5,805	6,368	-8.8%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,524	7,432	-39.1%	0	0	0.0%	19,690	19,202	2.5%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,913	6,462	-39.4%	0	0	0.0%	26,133	29,519	-11.5%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,023	5,792	-30.5%	0	0	0.0%	25,984	32,529	-20.1%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.0%	0	0	0.0%	4,281	9,870	-56.6%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	746	1,175	-36.5%	0	0	0.0%	5,384	5,088	5.8%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	553	1,271	-56.5%	0	0	0.0%	5,839	6,181	-5.5%

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FX Options												
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,477	3,011	-50.9%	0	0	0.0%	8,296	7,309	13.5%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,875	1,188	57.8%	0	0	0.0%	9,462	4,817	96.4%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,938	1,221	140.6%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	3,185	6,491	-50.9%	0	0	0.0%	27,378	23,849	14.8%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	10	0	0.0%	0	0	0.0%	530	56	846.4%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	72	786	-90.8%	0	0	0.0%	792	1,458	-45.7%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	17	17	0.0%	0	0	0.0%	415	1,171	-64.6%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	66	24	175.0%	0	0	0.0%	808	1,901	-57.5%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.0%	0	0	0.0%	14	22	-36.4%
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%	923	624	47.9%	0	0	0.0%	10,041	6,144	63.4%
EUR/USD MONDAY OPTION W	0	0	0.0%	2,071	4,826	-57.1%	0	0	0.0%	15,479	9,626	60.8%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,288	2,457	-47.6%	0	0	0.0%	5,594	3,691	51.6%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,256	1,412	-11.0%	0	0	0.0%	17,173	9,622	78.5%
EUR/USD MONDAY OPTION W	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,856	1,587	80.0%
EUR/USD MONTHLY OPTIONS	0	0	0.0%	213,743	166,948	28.0%	0	0	0.0%	1,157,925	988,796	17.1%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	2	0	0.0%	0	0	0.0%	24,512	11,898	106.0%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	13,326	30,769	-56.7%	0	0	0.0%	79,726	69,132	15.3%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	15,007	17,381	-13.7%	0	0	0.0%	82,252	97,222	-15.4%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	15,132	22,802	-33.6%	0	0	0.0%	105,000	86,418	21.5%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.0%	0	0	0.0%	20,204	33,497	-39.7%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	4,416	7,212	-38.8%	0	0	0.0%	31,224	33,018	-5.4%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	3,290	7,178	-54.2%	0	0	0.0%	25,095	34,374	-27.0%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	5,324	4,999	6.5%	0	0	0.0%	27,875	34,515	-19.2%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	4,702	6,683	-29.6%	0	0	0.0%	29,211	40,520	-27.9%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	6,113	5,639	8.4%
GBP/USD MONDAY OPTION W	0	0	0.0%	217	52	317.3%	0	0	0.0%	2,723	1,240	119.6%
GBP/USD MONDAY OPTION W	0	0	0.0%	1,499	1,221	22.8%	0	0	0.0%	5,034	2,902	73.5%
GBP/USD MONDAY OPTION W	0	0	0.0%	115	101	13.9%	0	0	0.0%	1,660	1,204	37.9%
GBP/USD MONDAY OPTION W	0	0	0.0%	170	50	240.0%	0	0	0.0%	2,766	542	410.3%
GBP/USD MONDAY OPTION W	0	0	0.0%	0	0	0.0%	0	0	0.0%	361	400	-9.8%
GBP/USD MONTHLY OPTIONS	0	0	0.0%	74,566	79,955	-6.7%	0	0	0.0%	342,407	374,940	-8.7%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	1	0	0.0%	0	0	0.0%	2,815	1,768	59.2%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,908	3,255	20.1%	0	0	0.0%	12,169	11,738	3.7%

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FX Options												
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,074	2,015	2.9%	0	0	0.0%	14,530	12,184	19.3%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,489	3,719	-60.0%	0	0	0.0%	13,327	15,146	-12.0%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,774	3,486	8.3%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	303	2,164	-86.0%	0	0	0.0%	7,299	6,614	10.4%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	261	344	-24.1%	0	0	0.0%	2,561	3,729	-31.3%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,158	450	157.3%	0	0	0.0%	6,226	3,170	96.4%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	438	888	-50.7%	0	0	0.0%	4,027	5,385	-25.2%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	330	1,655	-80.1%
JPY/USD MONDAY OPTION WE	0	0	0.0%	89	346	-74.3%	0	0	0.0%	2,105	1,983	6.2%
JPY/USD MONDAY OPTION WE	0	0	0.0%	846	776	9.0%	0	0	0.0%	5,076	1,851	174.2%
JPY/USD MONDAY OPTION WE	0	0	0.0%	980	241	306.6%	0	0	0.0%	1,532	1,078	42.1%
JPY/USD MONDAY OPTION WE	0	0	0.0%	987	364	171.2%	0	0	0.0%	4,565	881	418.2%
JPY/USD MONDAY OPTION WE	0	0	0.0%	0	0	0.0%	0	0	0.0%	51	313	-83.7%
JPY/USD MONTHLY OPTIONS	0	0	0.0%	157,040	68,166	130.4%	0	0	0.0%	719,454	380,073	89.3%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.0%	0	0	0.0%	10,796	8,167	32.2%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	11,990	9,197	30.4%	0	0	0.0%	46,501	26,291	76.9%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	10,635	5,878	80.9%	0	0	0.0%	51,767	42,792	21.0%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	8,009	9,754	-17.9%	0	0	0.0%	47,897	40,303	18.8%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.0%	0	0	0.0%	15,568	16,475	-5.5%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	1,977	2,025	-2.4%	0	0	0.0%	15,253	11,591	31.6%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,421	3,126	9.4%	0	0	0.0%	15,018	14,325	4.8%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,921	3,448	-15.3%	0	0	0.0%	11,813	12,425	-4.9%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,893	2,936	32.6%	0	0	0.0%	14,676	13,628	7.7%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,857	2,493	14.6%
MXN/USD MONTHLY OPTIONS	0	0	0.0%	608	2,670	-77.2%	0	0	0.0%	3,914	5,680	-31.1%
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	344	-100.0%	0	0	0.0%	17	344	-95.1%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	59	-100.0%	0	0	0.0%	0	59	-100.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	193	-100.0%	0	0	0.0%	0	193	-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%	18	248	-92.7%	0	0	0.0%	499	540	-7.6%
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	-	-
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%

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Foreign Exchange Futures												
CHILEAN PESO	0	-	-	0	-	-	0	-	-	23	-	-
Foreign Exchange Options												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	493	633	-22.1%	0	0	0.0%	2,505	3,426	-26.9%

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Ag Products Futures												
BLOCK CHEESE	0	0	0.0%	111	724	-84.7%	0	0	0.0%	1,153	3,552	-67.5%
BUTTER CS	0	0	0.0%	4,062	3,702	9.7%	0	0	0.0%	22,596	20,836	8.4%
CASH-SETTLED CHEESE	0	0	0.0%	8,517	10,505	-18.9%	0	0	0.0%	44,486	58,166	-23.5%
CAT ASIA WEATHER	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CATTLE	0	0	0.0%	1,297,009	1,175,015	10.4%	0	0	0.0%	6,375,472	6,103,572	4.5%
CAT WEATHER EUROPEAN	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%	2,762	764	261.5%	0	0	0.0%	12,191	3,206	280.3%
DRY WHEY	0	0	0.0%	1,011	2,702	-62.6%	0	0	0.0%	4,945	12,470	-60.3%
FEEDER CATTLE	0	0	0.0%	218,592	201,385	8.5%	0	0	0.0%	1,310,248	1,205,713	8.7%
GOLDMAN SACHS	0	0	0.0%	2,741	9,445	-71.0%	0	0	0.0%	15,644	58,753	-73.4%
GSCI EXCESS RETURN FUT	0	0	0.0%	22	26	-15.4%	0	0	0.0%	22	101	-78.2%
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	-	-
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%	1,035,125	1,043,499	-0.8%	0	0	0.0%	4,862,872	4,730,246	2.8%
HOUSING INDEX	0	0	0.0%	49	11	345.5%	0	0	0.0%	94	62	51.6%
LUMBER	0	0	0.0%	6,441	12,601	-48.9%	0	0	0.0%	39,257	50,477	-22.2%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MILK	0	0	0.0%	26,429	22,218	19.0%	0	0	0.0%	147,901	119,297	24.0%
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%	4,008	5,423	-26.1%	0	0	0.0%	32,134	29,538	8.8%
PACIFIC RIM DAT SS WTHR	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PORK CUTOOUT	0	0	0.0%	2,812	1,962	43.3%	0	0	0.0%	12,841	17,650	-27.2%
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%	0	175	-100.0%	0	0	0.0%	863	1,782	-51.6%
BUTTER CS	0	0	0.0%	1,085	1,113	-2.5%	0	0	0.0%	5,791	11,876	-51.2%
CASH-SETTLED CHEESE	0	0	0.0%	4,851	5,644	-14.1%	0	0	0.0%	32,929	40,721	-19.1%
CATTLE	0	0	0.0%	223,894	160,305	39.7%	0	0	0.0%	1,090,030	964,892	13.0%
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%	6,853	3,303	107.5%	0	0	0.0%	33,205	15,468	114.7%
DRY WHEY	0	0	0.0%	61	184	-66.8%	0	0	0.0%	2,150	1,418	51.6%
FEEDER CATTLE	0	0	0.0%	33,947	23,787	42.7%	0	0	0.0%	176,627	108,627	62.6%
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%	237,386	211,098	12.5%	0	0	0.0%	1,185,799	929,113	27.6%
HOUSING INDEX	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
LUMBER	0	0	0.0%	344	1,074	-68.0%	0	0	0.0%	2,564	4,226	-39.3%
LV CATL CSO	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
MILK	0	0	0.0%	19,836	15,651	26.7%	0	0	0.0%	95,702	132,525	-27.8%
MLK MID OPTIONS	0	0	0.0%	0	2	-100.0%	0	0	0.0%	43	11	290.9%
NFD MILK	0	0	0.0%	2,621	4,573	-42.7%	0	0	0.0%	19,153	20,162	-5.0%
PORK CUTOUT	0	0	0.0%	0	88	-100.0%	0	0	0.0%	35	718	-95.1%
TOTAL FUTURES GROUP												
Interest Rate Futures	336,725	324,122	3.9%	61,353,120	42,686,281	43.7%	3,543,426	2,037,375	73.9%	361,639,870	251,336,900	43.9%
Equity Index Futures	0	0	0.0%	139,073,879	90,714,656	53.3%	0	0	0.0%	627,423,459	479,875,895	30.7%
FX Futures	0	0	0.0%	17,277,930	13,224,257	30.7%	0	0	0.0%	84,810,971	76,072,154	11.5%
Foreign Exchange Futures	0	-	-	0	-	-	0	-	-	23	-	-
Ag Products Futures	0	0	0.0%	2,609,691	2,489,982	4.8%	0	0	0.0%	12,881,856	12,413,639	3.8%
TOTAL FUTURES	336,725	324,122	3.9%	220,314,620	149,115,176	47.7%	3,543,426	2,037,375	73.9%	1,086,756,179	819,698,588	32.6%

CME Exchange Volume Comparison Report - Monthly

	Open Outcry MAY 2022	Open Outcry MAY 2021	% CHG	ELEC MAY 2022	ELEC MAY 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 OPTIONS GROUP												
Equity Index Options	0	0	0.0%	25,055,414	14,463,327	73.2%	0	0	0.0%	115,803,019	65,050,831	78.0%
Interest Rate Options	13,761,435	12,314,125	11.8%	5,484,723	5,594,599	-2.0%	86,984,827	64,614,273	34.6%	37,271,618	33,488,687	11.3%
FX Options	0	0	0.0%	760,578	625,067	21.7%	0	0	0.0%	3,914,710	3,205,199	22.1%
Ag Products Options	0	0	0.0%	530,878	426,997	24.3%	0	0	0.0%	2,644,891	2,231,539	18.5%
Foreign Exchange Options	0	0	0.0%	493	633	-22.1%	0	0	0.0%	2,505	3,426	-26.9%
TOTAL OPTIONS	13,761,435	12,314,125	11.8%	31,832,086	21,110,623	50.8%	86,984,827	64,614,273	34.6%	159,636,743	103,979,682	53.5%
TOTAL COMBINED												
Interest Rate	14,098,160	12,638,247	11.6%	66,837,843	48,280,880	38.4%	90,528,253	66,651,648	35.8%	398,911,488	284,825,587	40.1%
Equity Index	0	0	0.0%	164,129,293	105,177,983	56.0%	0	0	0.0%	743,226,478	544,926,726	36.4%
FX	0	0	0.0%	18,038,508	13,849,324	30.2%	0	0	0.0%	88,725,681	79,277,353	11.9%
Foreign Exchange	0	0	0.0%	493	633	-22.1%	0	0	0.0%	2,528	3,426	-26.2%
Ag Products	0	0	0.0%	3,140,569	2,916,979	7.7%	0	0	0.0%	15,526,747	14,645,178	6.0%
GRAND TOTAL	14,098,160	12,638,247	11.6%	252,146,706	170,225,799	48.1%	90,528,253	66,651,648	35.8%	1,246,392,922	923,678,270	34.9%