

CME Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2023	Open Outcry JAN 2022	% CHG	ELEC JAN 2023	ELEC JAN 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	0	0.0%	0	0	0.0%	0	0	0.0%
BSBY 3-MONTH FUTURES	0	0	0.0%	3,236	119,316	-97.3%	0	0	0.0%	3,236	119,316	-97.3%
ESTR Basis Spread Futures	0	-	-	1,540	-	-	0	-	-	1,540	-	-
ESTR Futures	0	-	-	26,424	-	-	0	-	-	26,424	-	-
EURODOLLARS	121,556	677,563	-82.1%	8,360,362	51,580,026	-83.8%	121,556	677,563	-82.1%	8,360,362	51,580,026	-83.8%
FTIE	0	0	0.0%	140	83	68.7%	0	0	0.0%	140	83	68.7%
SOFR	533,632	910	58,540.9%	50,262,487	14,520,859	246.1%	533,632	910	58,540.9%	50,262,487	14,520,859	246.1%
SONIA	0	0	0.0%	42	340	-87.6%	0	0	0.0%	42	340	-87.6%
Interest Rate Options												
EURODOLLARS	760,588	11,761,785	-93.5%	1,935,166	6,147,249	-68.5%	760,588	11,761,785	-93.5%	1,935,166	6,147,249	-68.5%
EURO MIDCURVE	148,894	7,494,244	-98.0%	127,539	4,127,266	-96.9%	148,894	7,494,244	-98.0%	127,539	4,127,266	-96.9%
SOFR	19,430,559	93,150	20,759.4%	6,874,658	6,358	108,026.1%	19,430,559	93,150	20,759.4%	6,874,658	6,358	108,026.1%
SOFR MIDCURVE	4,812,574	54,950	8,658.1%	1,504,462	6,479	23,120.6%	4,812,574	54,950	8,658.1%	1,504,462	6,479	23,120.6%
SOFR MISCURVE	0	-	-	700	-	-	0	-	-	700	-	-
Equity Index Futures												
BITCOIN	0	0	0.0%	181,976	179,485	1.4%	0	0	0.0%	181,976	179,485	1.4%
E-mini FTSE China 50	0	0	0.0%	44	131	-66.4%	0	0	0.0%	44	131	-66.4%
E-MINI MIDCAP	0	0	0.0%	225,724	377,566	-40.2%	0	0	0.0%	225,724	377,566	-40.2%
E-MINI NASDAQ 100	0	0	0.0%	12,300,710	16,277,115	-24.4%	0	0	0.0%	12,300,710	16,277,115	-24.4%
E-MINI RUSSELL 1000	0	0	0.0%	620	2,925	-78.8%	0	0	0.0%	620	2,925	-78.8%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	913	5,177	-82.4%	0	0	0.0%	913	5,177	-82.4%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	1,850	5,690	-67.5%	0	0	0.0%	1,850	5,690	-67.5%
E-MINI RUSSELL 2000	0	0	0.0%	3,715,732	5,830,837	-36.3%	0	0	0.0%	3,715,732	5,830,837	-36.3%
E-MINI S&P500	0	0	0.0%	33,773,235	41,451,079	-18.5%	0	0	0.0%	33,773,235	41,451,079	-18.5%
E-MINI S&P500 ESG	0	0	0.0%	13,995	44,039	-68.2%	0	0	0.0%	13,995	44,039	-68.2%
ETHER	0	-	-	0	-	-	0	-	-	0	-	-
ETHER FUTURES	0	0	0.0%	107,612	120,168	-10.4%	0	0	0.0%	107,612	120,168	-10.4%
FT-SE 100	0	0	0.0%	0	154	-100.0%	0	0	0.0%	0	154	-100.0%
FTSE Emerging	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%

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Equity Index Futures												
IBOVESPA INDEX	0	0	0.0%	21	37	-43.2%	0	0	0.0%	21	37	-43.2%
MICRO BITCOIN	0	0	0.0%	143,627	418,160	-65.7%	0	0	0.0%	143,627	418,160	-65.7%
MICRO E-MINI NASDAQ 100	0	0	0.0%	23,067,082	35,462,095	-35.0%	0	0	0.0%	23,067,082	35,462,095	-35.0%
MICRO E-MINI RUSSELL 2000	0	0	0.0%	1,699,591	4,670,585	-63.6%	0	0	0.0%	1,699,591	4,670,585	-63.6%
MICRO E-MINI S&P500	0	0	0.0%	26,367,631	29,256,736	-9.9%	0	0	0.0%	26,367,631	29,256,736	-9.9%
MICRO ETHER	0	0	0.0%	212,170	431,958	-50.9%	0	0	0.0%	212,170	431,958	-50.9%
NASDAQ-100 VOLATILITY	0	0	0.0%	2,676	7,212	-62.9%	0	0	0.0%	2,676	7,212	-62.9%
NASDAQ BIOTECH SECTOR	0	0	0.0%	204	147	38.8%	0	0	0.0%	204	147	38.8%
Nearby BTIC+	0	0	0.0%	0	50	-100.0%	0	0	0.0%	0	50	-100.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	93,947	150,350	-37.5%	0	0	0.0%	93,947	150,350	-37.5%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	559,056	850,461	-34.3%	0	0	0.0%	559,056	850,461	-34.3%
PHLX SEMICONDUCTOR SECT	0	-	-	155	-	-	0	-	-	155	-	-
S&P 500	0	0	0.0%	1,762	0	0.0%	0	0	0.0%	1,762	0	0.0%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	13,763	23,964	-42.6%	0	0	0.0%	13,763	23,964	-42.6%
S&P 500 QUARLY DIVIDEND IN	0	0	0.0%	7,867	161	4,786.3%	0	0	0.0%	7,867	161	4,786.3%
S&P BIOTECHNOLOGY SECTO	0	-	-	327	-	-	0	-	-	327	-	-
S&P COMMUNICATION SERVIC	0	0	0.0%	1,244	2,346	-47.0%	0	0	0.0%	1,244	2,346	-47.0%
S&P CONSUMER DISCRETION	0	0	0.0%	2,138	9,690	-77.9%	0	0	0.0%	2,138	9,690	-77.9%
S&P CONSUMER STAPLES SE	0	0	0.0%	13,249	8,836	49.9%	0	0	0.0%	13,249	8,836	49.9%
S&P ENERGY SECTOR	0	0	0.0%	14,294	17,984	-20.5%	0	0	0.0%	14,294	17,984	-20.5%
S&P FINANCIAL SECTOR	0	0	0.0%	9,360	18,323	-48.9%	0	0	0.0%	9,360	18,323	-48.9%
S&P HEALTH CARE SECTOR	0	0	0.0%	5,103	16,213	-68.5%	0	0	0.0%	5,103	16,213	-68.5%
S&P INDUSTRIAL SECTOR	0	0	0.0%	5,685	16,421	-65.4%	0	0	0.0%	5,685	16,421	-65.4%
S&P MATERIALS SECTOR	0	0	0.0%	4,370	5,355	-18.4%	0	0	0.0%	4,370	5,355	-18.4%
S&P OIL & GAS EXPLORATION	0	-	-	137	-	-	0	-	-	137	-	-
S&P REAL ESTATE SECTOR	0	0	0.0%	2,223	2,624	-15.3%	0	0	0.0%	2,223	2,624	-15.3%
S&P REGIONAL BANKS SECTO	0	-	-	202	-	-	0	-	-	202	-	-
S&P RETAIL SECTOR	0	-	-	129	-	-	0	-	-	129	-	-
S&P TECHNOLOGY SECTOR	0	0	0.0%	5,702	30,611	-81.4%	0	0	0.0%	5,702	30,611	-81.4%
S&P UTILITIES SECTOR	0	0	0.0%	10,282	17,704	-41.9%	0	0	0.0%	10,282	17,704	-41.9%
S&P VALUE INDEX FUTURES	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
TOPIX (USD)	0	-	-	0	-	-	0	-	-	0	-	-
TOPIX (YEN)	0	0	0.0%	234	3,938	-94.1%	0	0	0.0%	234	3,938	-94.1%
WATER INDEX FUTURES	0	0	0.0%	37	184	-79.9%	0	0	0.0%	37	184	-79.9%

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Equity Index Options												
BITCOIN OPTIONS	0	0	0.0%	2,750	1,246	120.7%	0	0	0.0%	2,750	1,246	120.7%
E-MINI NASDAQ 100	0	0	0.0%	852,475	900,498	-5.3%	0	0	0.0%	852,475	900,498	-5.3%
E-mini Russell 2000	0	0	0.0%	76,474	160,950	-52.5%	0	0	0.0%	76,474	160,950	-52.5%
E-MINI RUSSELL 2000	0	0	0.0%	19,228	35,272	-45.5%	0	0	0.0%	19,228	35,272	-45.5%
E-mini S&P 500	0	0	0.0%	10,522,056	14,590,855	-27.9%	0	0	0.0%	10,522,056	14,590,855	-27.9%
E-MINI S&P500	0	0	0.0%	11,114,130	9,598,609	15.8%	0	0	0.0%	11,114,130	9,598,609	15.8%
EOM S&P 500	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
ETHER OPTIONS	0	-	-	402	-	-	0	-	-	402	-	-
MICRO BITCOIN	0	-	-	3,280	-	-	0	-	-	3,280	-	-
Micro E-mini Nasdaq-100	0	0	0.0%	47,146	69,884	-32.5%	0	0	0.0%	47,146	69,884	-32.5%
MICRO E-MINI NASDAQ 100	0	0	0.0%	6,755	10,447	-35.3%	0	0	0.0%	6,755	10,447	-35.3%
Micro E-mini S&P 500	0	0	0.0%	281,309	302,657	-7.1%	0	0	0.0%	281,309	302,657	-7.1%
MICRO ETHER	0	-	-	3,129	-	-	0	-	-	3,129	-	-
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%	39	12	225.0%	0	0	0.0%	39	12	225.0%
AD/JY CROSS RATES	0	0	0.0%	1,228	2,393	-48.7%	0	0	0.0%	1,228	2,393	-48.7%
AD/NE CROSS RATES	0	0	0.0%	2,627	201	1,207.0%	0	0	0.0%	2,627	201	1,207.0%
AUSTRALIAN DOLLAR	0	0	0.0%	1,705,713	1,748,495	-2.4%	0	0	0.0%	1,705,713	1,748,495	-2.4%
BP/JY CROSS RATES	0	0	0.0%	2,677	2,642	1.3%	0	0	0.0%	2,677	2,642	1.3%
BP/SF CROSS RATES	0	0	0.0%	2,777	3,129	-11.2%	0	0	0.0%	2,777	3,129	-11.2%
BRAZIL REAL	0	0	0.0%	274,010	324,175	-15.5%	0	0	0.0%	274,010	324,175	-15.5%
BRITISH POUND	0	0	0.0%	1,703,054	1,917,538	-11.2%	0	0	0.0%	1,703,054	1,917,538	-11.2%
CANADIAN DOLLAR	0	0	0.0%	1,393,371	1,549,670	-10.1%	0	0	0.0%	1,393,371	1,549,670	-10.1%
CD/JY CROSS RATES	0	0	0.0%	3	126	-97.6%	0	0	0.0%	3	126	-97.6%
CHINESE RENMINBI (CNH)	0	0	0.0%	21,349	14,960	42.7%	0	0	0.0%	21,349	14,960	42.7%
CZECK KORUNA (EC)	0	0	0.0%	2	3	-33.3%	0	0	0.0%	2	3	-33.3%
CZECK KORUNA (US)	0	0	0.0%	0	1	-100.0%	0	0	0.0%	0	1	-100.0%
EC/AD CROSS RATES	0	0	0.0%	1,978	2,890	-31.6%	0	0	0.0%	1,978	2,890	-31.6%
EC/CD CROSS RATES	0	0	0.0%	3,475	4,024	-13.6%	0	0	0.0%	3,475	4,024	-13.6%
EC/NOK CROSS RATES	0	0	0.0%	770	614	25.4%	0	0	0.0%	770	614	25.4%

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FX Futures												
EC/SEK CROSS RATES	0	0	0.0%	2,061	1,202	71.5%	0	0	0.0%	2,061	1,202	71.5%
EFX/BP CROSS RATES	0	0	0.0%	30,315	42,460	-28.6%	0	0	0.0%	30,315	42,460	-28.6%
EFX/JY CROSS RATES	0	0	0.0%	27,235	33,706	-19.2%	0	0	0.0%	27,235	33,706	-19.2%
EFX/SF CROSS RATES	0	0	0.0%	14,240	22,451	-36.6%	0	0	0.0%	14,240	22,451	-36.6%
E-MICRO USD/CAD	0	0	0.0%	274	274	0.0%	0	0	0.0%	274	274	0.0%
E-MICRO USD/CHF	0	0	0.0%	241	14	1,621.4%	0	0	0.0%	241	14	1,621.4%
E-MICRO USD/JPY	0	0	0.0%	1,833	2,036	-10.0%	0	0	0.0%	1,833	2,036	-10.0%
E-MINI EURO FX	0	0	0.0%	149,705	114,623	30.6%	0	0	0.0%	149,705	114,623	30.6%
E-MINI JAPANESE YEN	0	0	0.0%	12,709	5,408	135.0%	0	0	0.0%	12,709	5,408	135.0%
EURO FX	0	0	0.0%	3,913,702	3,389,049	15.5%	0	0	0.0%	3,913,702	3,389,049	15.5%
HUNGARIAN FORINT (EC)	0	0	0.0%	1	0	0.0%	0	0	0.0%	1	0	0.0%
HUNGARIAN FORINT (US)	0	0	0.0%	9	23	-60.9%	0	0	0.0%	9	23	-60.9%
INDIAN RUPEE	0	0	0.0%	48,112	14,679	227.8%	0	0	0.0%	48,112	14,679	227.8%
JAPANESE YEN	0	0	0.0%	2,945,576	2,126,413	38.5%	0	0	0.0%	2,945,576	2,126,413	38.5%
KOREAN WON	0	0	0.0%	185	748	-75.3%	0	0	0.0%	185	748	-75.3%
MEXICAN PESO	0	0	0.0%	859,875	827,114	4.0%	0	0	0.0%	859,875	827,114	4.0%
MICRO AUD/USD	0	0	0.0%	306,076	239,696	27.7%	0	0	0.0%	306,076	239,696	27.7%
MICRO CAD/USD	0	0	0.0%	65,149	70,506	-7.6%	0	0	0.0%	65,149	70,506	-7.6%
MICRO CHF/USD	0	0	0.0%	19,960	10,645	87.5%	0	0	0.0%	19,960	10,645	87.5%
MICRO EUR/USD	0	0	0.0%	772,030	662,889	16.5%	0	0	0.0%	772,030	662,889	16.5%
MICRO GBP/USD	0	0	0.0%	77,871	86,229	-9.7%	0	0	0.0%	77,871	86,229	-9.7%
MICRO INR/USD	0	0	0.0%	742	957	-22.5%	0	0	0.0%	742	957	-22.5%
MICRO JPY/USD	0	0	0.0%	0	49,770	-100.0%	0	0	0.0%	0	49,770	-100.0%
MICRO USD/CNH	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NEW ZEALND DOLLAR	0	0	0.0%	495,528	484,264	2.3%	0	0	0.0%	495,528	484,264	2.3%
NKR/USD CROSS RATE	0	0	0.0%	1,413	2,907	-51.4%	0	0	0.0%	1,413	2,907	-51.4%
POLISH ZLOTY (EC)	0	0	0.0%	20	40	-50.0%	0	0	0.0%	20	40	-50.0%
POLISH ZLOTY (US)	0	0	0.0%	539	566	-4.8%	0	0	0.0%	539	566	-4.8%
RMB USD	0	0	0.0%	5	1	400.0%	0	0	0.0%	5	1	400.0%
RUSSIAN RUBLE	0	0	0.0%	0	249,700	-100.0%	0	0	0.0%	0	249,700	-100.0%
S.AFRICAN RAND	0	0	0.0%	49,885	72,505	-31.2%	0	0	0.0%	49,885	72,505	-31.2%
SF/JY CROSS RATES	0	0	0.0%	278	72	286.1%	0	0	0.0%	278	72	286.1%
SHEKEL	0	0	0.0%	12	12	0.0%	0	0	0.0%	12	12	0.0%
SKR/USD CROSS RATES	0	0	0.0%	3,848	4,476	-14.0%	0	0	0.0%	3,848	4,476	-14.0%
SWISS FRANC	0	0	0.0%	387,869	430,106	-9.8%	0	0	0.0%	387,869	430,106	-9.8%

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FX Futures												
TURKISH LIRA	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
USDZAR	0	0	0.0%	0	5	-100.0%	0	0	0.0%	0	5	-100.0%
FX Options												
AUD/USD MONDAY OPTION W	0	0	0.0%	26	686	-96.2%	0	0	0.0%	26	686	-96.2%
AUD/USD MONDAY OPTION W	0	0	0.0%	420	114	268.4%	0	0	0.0%	420	114	268.4%
AUD/USD MONDAY OPTION W	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
AUD/USD MONDAY OPTION W	0	0	0.0%	763	268	184.7%	0	0	0.0%	763	268	184.7%
AUD/USD MONDAY OPTION W	0	0	0.0%	315	779	-59.6%	0	0	0.0%	315	779	-59.6%
AUD/USD MONTHLY OPTIONS	0	0	0.0%	32,927	62,986	-47.7%	0	0	0.0%	32,927	62,986	-47.7%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	738	1,865	-60.4%	0	0	0.0%	738	1,865	-60.4%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,924	2,790	-31.0%	0	0	0.0%	1,924	2,790	-31.0%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,973	2,740	-28.0%	0	0	0.0%	1,973	2,740	-28.0%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	153	267	-42.7%	0	0	0.0%	153	267	-42.7%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	250	728	-65.7%	0	0	0.0%	250	728	-65.7%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	183	154	18.8%	0	0	0.0%	183	154	18.8%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	363	841	-56.8%	0	0	0.0%	363	841	-56.8%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
BRL/USD MONTHLY OPTIONS	0	0	0.0%	4	992	-99.6%	0	0	0.0%	4	992	-99.6%
CAD/USD MONDAY OPTIONS	0	0	0.0%	125	49	155.1%	0	0	0.0%	125	49	155.1%
CAD/USD MONDAY OPTIONS	0	0	0.0%	849	1,051	-19.2%	0	0	0.0%	849	1,051	-19.2%
CAD/USD MONDAY OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,012	1,109	-8.7%	0	0	0.0%	1,012	1,109	-8.7%
CAD/USD MONDAY OPTIONS	0	0	0.0%	247	1,256	-80.3%	0	0	0.0%	247	1,256	-80.3%
CAD/USD MONTHLY OPTIONS	0	0	0.0%	67,702	76,633	-11.7%	0	0	0.0%	67,702	76,633	-11.7%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,249	9,319	-65.1%	0	0	0.0%	3,249	9,319	-65.1%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,055	5,747	-64.2%	0	0	0.0%	2,055	5,747	-64.2%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,196	5,442	-41.3%	0	0	0.0%	3,196	5,442	-41.3%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,418	567	150.1%	0	0	0.0%	1,418	567	150.1%

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CME Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2023	Open Outcry JAN 2022	% CHG	ELEC JAN 2023	ELEC JAN 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
FX Options												
CAD/USD WKLY WED OPTIONS	0	0	0.0%	720	1,813	-60.3%	0	0	0.0%	720	1,813	-60.3%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	669	1,227	-45.5%	0	0	0.0%	669	1,227	-45.5%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	2,283	1,922	18.8%	0	0	0.0%	2,283	1,922	18.8%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	3,969	11,168	-64.5%	0	0	0.0%	3,969	11,168	-64.5%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	106	296	-64.2%	0	0	0.0%	106	296	-64.2%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	191	300	-36.3%	0	0	0.0%	191	300	-36.3%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	637	297	114.5%	0	0	0.0%	637	297	114.5%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
EUR/GBP MONTHLY OPTIONS	0	0	0.0%	0	4	-100.0%	0	0	0.0%	0	4	-100.0%
EUR/GBP WKLY FRIDAY OPTIC	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EURODOLLARS	0	-	-	3,456	-	-	0	-	-	3,456	-	-
EUR/USD MONDAY OPTION W	0	0	0.0%	1,000	457	118.8%	0	0	0.0%	1,000	457	118.8%
EUR/USD MONDAY OPTION W	0	0	0.0%	2,389	2,319	3.0%	0	0	0.0%	2,389	2,319	3.0%
EUR/USD MONDAY OPTION W	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%	1,142	827	38.1%	0	0	0.0%	1,142	827	38.1%
EUR/USD MONDAY OPTION W	0	0	0.0%	955	2,856	-66.6%	0	0	0.0%	955	2,856	-66.6%
EUR/USD MONTHLY OPTIONS	0	0	0.0%	189,554	195,597	-3.1%	0	0	0.0%	189,554	195,597	-3.1%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	22,279	23,358	-4.6%	0	0	0.0%	22,279	23,358	-4.6%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	20,161	16,867	19.5%	0	0	0.0%	20,161	16,867	19.5%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	11,142	16,656	-33.1%	0	0	0.0%	11,142	16,656	-33.1%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	2,899	5,803	-50.0%	0	0	0.0%	2,899	5,803	-50.0%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	5,074	4,466	13.6%	0	0	0.0%	5,074	4,466	13.6%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	3,430	4,778	-28.2%	0	0	0.0%	3,430	4,778	-28.2%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	3,518	4,953	-29.0%	0	0	0.0%	3,518	4,953	-29.0%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
GBP/USD MONDAY OPTION W	0	0	0.0%	979	189	418.0%	0	0	0.0%	979	189	418.0%
GBP/USD MONDAY OPTION W	0	0	0.0%	1,758	1,104	59.2%	0	0	0.0%	1,758	1,104	59.2%
GBP/USD MONDAY OPTION W	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
GBP/USD MONDAY OPTION W	0	0	0.0%	237	286	-17.1%	0	0	0.0%	237	286	-17.1%
GBP/USD MONDAY OPTION W	0	0	0.0%	400	361	10.8%	0	0	0.0%	400	361	10.8%
GBP/USD MONTHLY OPTIONS	0	0	0.0%	56,886	59,945	-5.1%	0	0	0.0%	56,886	59,945	-5.1%

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	Open Outcry JAN 2023	Open Outcry JAN 2022	% CHG	ELEC JAN 2023	ELEC JAN 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
FX Options												
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,945	2,347	25.5%	0	0	0.0%	2,945	2,347	25.5%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,453	3,172	-54.2%	0	0	0.0%	1,453	3,172	-54.2%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,222	2,752	-55.6%	0	0	0.0%	1,222	2,752	-55.6%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	491	1,544	-68.2%	0	0	0.0%	491	1,544	-68.2%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	2,172	864	151.4%	0	0	0.0%	2,172	864	151.4%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,126	2,826	-60.2%	0	0	0.0%	1,126	2,826	-60.2%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	484	1,853	-73.9%	0	0	0.0%	484	1,853	-73.9%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
JPY/USD MONDAY OPTION WE	0	0	0.0%	167	153	9.2%	0	0	0.0%	167	153	9.2%
JPY/USD MONDAY OPTION WE	0	0	0.0%	393	1,737	-77.4%	0	0	0.0%	393	1,737	-77.4%
JPY/USD MONDAY OPTION WE	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
JPY/USD MONDAY OPTION WE	0	0	0.0%	1,349	466	189.5%	0	0	0.0%	1,349	466	189.5%
JPY/USD MONDAY OPTION WE	0	0	0.0%	1,047	51	1,952.9%	0	0	0.0%	1,047	51	1,952.9%
JPY/USD MONTHLY OPTIONS	0	0	0.0%	102,979	127,919	-19.5%	0	0	0.0%	102,979	127,919	-19.5%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	6,139	11,121	-44.8%	0	0	0.0%	6,139	11,121	-44.8%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	10,306	11,619	-11.3%	0	0	0.0%	10,306	11,619	-11.3%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	5,307	8,480	-37.4%	0	0	0.0%	5,307	8,480	-37.4%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,719	2,322	17.1%	0	0	0.0%	2,719	2,322	17.1%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,362	4,112	-18.2%	0	0	0.0%	3,362	4,112	-18.2%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	4,235	2,149	97.1%	0	0	0.0%	4,235	2,149	97.1%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,559	2,416	47.3%	0	0	0.0%	3,559	2,416	47.3%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MXN/USD MONTHLY OPTIONS	0	0	0.0%	204	1,766	-88.4%	0	0	0.0%	204	1,766	-88.4%
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%	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%	11	40	-72.5%	0	0	0.0%	11	40	-72.5%
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%
ZAR/USD MONTHLY OPTIONS	0	-	-	0	-	-	0	-	-	0	-	-

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	Open Outcry JAN 2023	Open Outcry JAN 2022	% CHG	ELEC JAN 2023	ELEC JAN 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
Foreign Exchange Futures												
CHILEAN PESO	0	-	-	3	-	-	0	-	-	3	-	-
Foreign Exchange Options												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	479	238	101.3%	0	0	0.0%	479	238	101.3%
OTC AUDUSD SUB	0	-	-	934	-	-	0	-	-	934	-	-
OTC EURUSD SUB	0	-	-	1,026	-	-	0	-	-	1,026	-	-
OTC GBPUSD SUB	0	-	-	1,634	-	-	0	-	-	1,634	-	-
OTC USDCAD SUB	0	-	-	550	-	-	0	-	-	550	-	-
OTC USDJPY SUB	0	-	-	857	-	-	0	-	-	857	-	-

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	Open Outcry JAN 2023	Open Outcry JAN 2022	% CHG	ELEC JAN 2023	ELEC JAN 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%	171	334	-48.8%	0	0	0.0%	171	334	-48.8%
BUTTER CS	0	0	0.0%	3,295	6,801	-51.6%	0	0	0.0%	3,295	6,801	-51.6%
CASH-SETTLED CHEESE	0	0	0.0%	11,455	11,517	-0.5%	0	0	0.0%	11,455	11,517	-0.5%
CAT ASIA WEATHER	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CATTLE	0	0	0.0%	1,431,231	1,416,311	1.1%	0	0	0.0%	1,431,231	1,416,311	1.1%
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%	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%	677	3,829	-82.3%	0	0	0.0%	677	3,829	-82.3%
DRY WHEY	0	0	0.0%	931	775	20.1%	0	0	0.0%	931	775	20.1%
FEEDER CATTLE	0	0	0.0%	270,997	240,412	12.7%	0	0	0.0%	270,997	240,412	12.7%
GOLDMAN SACHS	0	0	0.0%	2,041	3,437	-40.6%	0	0	0.0%	2,041	3,437	-40.6%
GSCI EXCESS RETURN FUT	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HDD EURO SEASONAL STRIP	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%	1,012,289	1,110,337	-8.8%	0	0	0.0%	1,012,289	1,110,337	-8.8%
HOUSING INDEX	0	0	0.0%	12	17	-29.4%	0	0	0.0%	12	17	-29.4%
LUMBER	0	0	0.0%	12,343	8,224	50.1%	0	0	0.0%	12,343	8,224	50.1%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MILK	0	0	0.0%	27,303	33,621	-18.8%	0	0	0.0%	27,303	33,621	-18.8%
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%	6,442	7,788	-17.3%	0	0	0.0%	6,442	7,788	-17.3%
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%	1,047	2,435	-57.0%	0	0	0.0%	1,047	2,435	-57.0%
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 JAN 2023	Open Outcry JAN 2022	% CHG	ELEC JAN 2023	ELEC JAN 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%	27	300	-91.0%	0	0	0.0%	27	300	-91.0%
BUTTER CS	0	0	0.0%	1,409	2,013	-30.0%	0	0	0.0%	1,409	2,013	-30.0%
CASH-SETTLED CHEESE	0	0	0.0%	5,153	11,742	-56.1%	0	0	0.0%	5,153	11,742	-56.1%
CATTLE	0	0	0.0%	208,376	173,757	19.9%	0	0	0.0%	208,376	173,757	19.9%
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%	6,824	7,361	-7.3%	0	0	0.0%	6,824	7,361	-7.3%
DRY WHEY	0	0	0.0%	23	0	0.0%	0	0	0.0%	23	0	0.0%
FEEDER CATTLE	0	0	0.0%	48,624	27,984	73.8%	0	0	0.0%	48,624	27,984	73.8%
HDD EURO SEASONAL STRIP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HDD SEASONAL STRIP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HDD WEATHER	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HOGS	0	0	0.0%	260,801	221,790	17.6%	0	0	0.0%	260,801	221,790	17.6%
LUMBER	0	0	0.0%	332	755	-56.0%	0	0	0.0%	332	755	-56.0%
LV CATL CSO	0	-	-	25	-	-	0	-	-	25	-	-
MILK	0	0	0.0%	21,676	21,932	-1.2%	0	0	0.0%	21,676	21,932	-1.2%
MLK MID OPTIONS	0	0	0.0%	3	2	50.0%	0	0	0.0%	3	2	50.0%
NFD MILK	0	0	0.0%	3,736	4,650	-19.7%	0	0	0.0%	3,736	4,650	-19.7%
PORK CUTOUT	0	0	0.0%	2	0	0.0%	0	0	0.0%	2	0	0.0%
TOTAL FUTURES GROUP												
Interest Rate Futures	655,188	678,473	-3.4%	58,654,231	66,220,624	-11.4%	655,188	678,473	-3.4%	58,654,231	66,220,624	-11.4%
Equity Index Futures	0	0	0.0%	102,566,679	135,716,511	-24.4%	0	0	0.0%	102,566,679	135,716,511	-24.4%
FX Futures	0	0	0.0%	15,300,371	14,516,419	5.4%	0	0	0.0%	15,300,371	14,516,419	5.4%
Foreign Exchange Futures	0	-	-	3	-	-	0	-	-	3	-	-
Ag Products Futures	0	0	0.0%	2,780,234	2,845,838	-2.3%	0	0	0.0%	2,780,234	2,845,838	-2.3%
TOTAL FUTURES	655,188	678,473	-3.4%	179,301,518	219,299,392	-18.2%	655,188	678,473	-3.4%	179,301,518	219,299,392	-18.2%

CME Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2023	Open Outcry JAN 2022	% CHG	ELEC JAN 2023	ELEC JAN 2022	% CHG	Open Outcry Y.T.D 2023	Open Outcry Y.T.D 2022	% CHG	ELEC Y.T.D 2023	ELEC Y.T.D 2022	% CHG
TOTAL OPTIONS GROUP												
Equity Index Options	0	0	0.0%	22,929,134	25,670,418	-10.7%	0	0	0.0%	22,929,134	25,670,418	-10.7%
Interest Rate Options	25,152,615	19,404,129	29.6%	10,442,525	10,287,352	1.5%	25,152,615	19,404,129	29.6%	10,442,525	10,287,352	1.5%
FX Options	0	0	0.0%	607,396	723,941	-16.1%	0	0	0.0%	607,396	723,941	-16.1%
Ag Products Options	0	0	0.0%	557,011	472,286	17.9%	0	0	0.0%	557,011	472,286	17.9%
Foreign Exchange Options	0	0	0.0%	5,480	238	2,202.5%	0	0	0.0%	5,480	238	2,202.5%
TOTAL OPTIONS	25,152,615	19,404,129	29.6%	34,541,546	37,154,235	-7.0%	25,152,615	19,404,129	29.6%	34,541,546	37,154,235	-7.0%
TOTAL COMBINED												
Interest Rate	25,807,803	20,082,602	28.5%	69,096,756	76,507,976	-9.7%	25,807,803	20,082,602	28.5%	69,096,756	76,507,976	-9.7%
Equity Index	0	0	0.0%	125,495,813	161,386,929	-22.2%	0	0	0.0%	125,495,813	161,386,929	-22.2%
FX	0	0	0.0%	15,907,767	15,240,360	4.4%	0	0	0.0%	15,907,767	15,240,360	4.4%
Foreign Exchange	0	0	0.0%	5,483	238	2,203.8%	0	0	0.0%	5,483	238	2,203.8%
Ag Products	0	0	0.0%	3,337,245	3,318,124	0.6%	0	0	0.0%	3,337,245	3,318,124	0.6%
GRAND TOTAL	25,807,803	20,082,602	28.5%	213,843,064	256,453,627	-16.6%	25,807,803	20,082,602	28.5%	213,843,064	256,453,627	-16.6%