

CME Exchange Volume Comparison Report - Monthly

	Open Outcry MAY 2021	Open Outcry MAY 2020	% CHG	ELEC MAY 2021	ELEC MAY 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
Interest Rate Futures												
1-MONTH EURODOLLAR	0	0	0.0%	0	108	-100.0%	0	0	0.0%	0	462	-100.0%
EURODOLLARS	324,122	0	0.0%	40,315,125	34,276,494	17.6%	2,037,375	2,619,681	-22.2%	239,473,585	290,689,913	-17.6%
SOFR	0	0	0.0%	2,283,266	604,009	278.0%	0	0	0.0%	11,221,046	4,455,871	151.8%
SONIA	0	0	0.0%	87,840	159,440	-44.9%	0	0	0.0%	642,219	682,947	-6.0%
TIIE	0	-	-	50	-	-	0	-	-	50	-	-
Interest Rate Options												
EURODOLLARS	2,607,200	0	0.0%	1,396,962	10,838,610	-87.1%	13,897,621	48,129,596	-71.1%	7,185,212	86,523,600	-91.7%
EURO MIDCURVE	9,705,825	0	0.0%	4,197,137	5,777,159	-27.3%	50,713,552	12,810,071	295.9%	26,302,195	26,270,827	0.1%
SOFR	1,100	0	0.0%	500	295	69.5%	3,100	10	30,900.0%	1,280	787	62.6%
Equity Index Futures												
BITCOIN FUTURES	0	0	0.0%	837,201	171,338	388.6%	0	0	0.0%	1,853,389	877,802	111.1%
E-MINI COM SERVICES SELEC	0	0	0.0%	2,410	1,182	103.9%	0	0	0.0%	13,141	10,502	25.1%
E-mini FTSE 100 (USD)	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
E-mini FTSE China 50	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
E-MINI MIDCAP	0	0	0.0%	211,311	222,856	-5.2%	0	0	0.0%	1,211,688	1,862,731	-35.0%
E-MINI NASDAQ 100	0	0	0.0%	10,501,741	9,122,924	15.1%	0	0	0.0%	57,749,944	63,101,171	-8.5%
E-MINI RUSSELL 1000	0	0	0.0%	3,808	1,225	210.9%	0	0	0.0%	15,311	20,465	-25.2%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	1,132	846	33.8%	0	0	0.0%	12,008	13,478	-10.9%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	3,235	2,658	21.7%	0	0	0.0%	40,612	24,052	68.9%
E-MINI RUSSELL 2000	0	0	0.0%	3,498,342	4,015,984	-12.9%	0	0	0.0%	20,307,678	21,574,245	-5.9%
E-MINI S&P500	0	0	0.0%	32,374,658	35,125,177	-7.8%	0	0	0.0%	171,346,027	233,808,187	-26.7%
E-MINI S&P500 ESG	0	0	0.0%	11,824	8,773	34.8%	0	0	0.0%	68,300	35,277	93.6%
E-MINI S&P REAL ESTATE SEL	0	0	0.0%	2,789	1,048	166.1%	0	0	0.0%	15,841	35,731	-55.7%
ETHER FUTURES	0	-	-	117,817	-	-	0	-	-	197,017	-	-
FT-SE 100	0	0	0.0%	4	0	0.0%	0	0	0.0%	8	0	0.0%
FTSE Emerging	0	0	0.0%	0	50	-100.0%	0	0	0.0%	5	4,420	-99.9%
IBOVESPA INDEX	0	0	0.0%	88	388	-77.3%	0	0	0.0%	1,043	3,106	-66.4%
MICRO E-MINI NASDAQ 100	0	0	0.0%	20,783,449	13,122,727	58.4%	0	0	0.0%	105,899,406	58,897,221	79.8%
MICRO E-MINI RUSSELL 2000	0	0	0.0%	2,939,895	2,250,246	30.6%	0	0	0.0%	17,134,486	9,007,132	90.2%

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Equity Index Futures												
MICRO E-MINI S&P500	0	0	0.0%	18,620,138	19,684,699	-5.4%	0	0	0.0%	99,347,226	82,122,115	21.0%
NASDAQ-100 VOLATILITY	0	-	-	22	-	-	0	-	-	32	-	-
NASDAQ BIOTECH	0	0	0.0%	438	152	188.2%	0	0	0.0%	2,724	2,802	-2.8%
Nearby BTIC+	0	0	0.0%	0	0	0.0%	0	0	0.0%	104	200	-48.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	101,536	109,851	-7.6%	0	0	0.0%	646,542	1,219,039	-47.0%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	587,269	683,388	-14.1%	0	0	0.0%	3,233,213	6,124,978	-47.2%
S&P 500	0	0	0.0%	1,825	1,481	23.2%	0	33,712	-100.0%	11,379	16,643	-31.6%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	17,364	14,295	21.5%	0	0	0.0%	73,327	137,888	-46.8%
S&P 500/GI	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
S&P 500 QUARLY DIVIDEND IN	0	0	0.0%	60	2,059	-97.1%	0	0	0.0%	507	5,182	-90.2%
S&P 600 SMALLCAP EMINI	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
S&P CONSUMER DSCRTNRY S	0	0	0.0%	7,346	2,490	195.0%	0	0	0.0%	55,209	35,941	53.6%
S&P CONSUMER STAPLES SE	0	0	0.0%	8,631	4,434	94.7%	0	0	0.0%	71,366	44,089	61.9%
S&P ENERGY SECTOR	0	0	0.0%	20,877	8,834	136.3%	0	0	0.0%	135,844	87,209	55.8%
S&P FINANCIAL SECTOR	0	0	0.0%	17,234	7,050	144.5%	0	0	0.0%	153,718	87,093	76.5%
S&P HEALTH CARE SECTOR	0	0	0.0%	9,490	5,566	70.5%	0	0	0.0%	63,852	66,359	-3.8%
S&P INDUSTRIAL SECTOR	0	0	0.0%	6,684	3,560	87.8%	0	0	0.0%	43,530	42,428	2.6%
S&P MATERIALS SECTOR	0	0	0.0%	5,388	2,173	148.0%	0	0	0.0%	40,056	23,522	70.3%
S&P TECHNOLOGY SECTOR	0	0	0.0%	7,934	3,234	145.3%	0	0	0.0%	54,843	52,009	5.4%
S&P UTILITIES SECTOR	0	0	0.0%	11,684	6,184	88.9%	0	0	0.0%	68,980	72,778	-5.2%
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	-	-	68	-	-	0	-	-	736	-	-
YEN DENOMINATED TOPIX	0	0	0.0%	964	5,082	-81.0%	0	0	0.0%	6,803	41,354	-83.5%

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Equity Index Options												
BITCOIN FUTURES	0	0	0.0%	1,153	1,631	-29.3%	0	0	0.0%	6,348	3,141	102.1%
E-MINI NASDAQ 100	0	0	0.0%	583,656	247,300	136.0%	0	0	0.0%	2,590,906	1,681,012	54.1%
E-MINI RUSSELL 2000	0	0	0.0%	28,784	28,278	1.8%	0	0	0.0%	151,711	98,974	53.3%
E-MINI S&P500	0	0	0.0%	6,440,219	5,992,928	7.5%	0	250	-100.0%	28,336,594	42,194,900	-32.8%
EOM E-MINI RUSSELL 2000 EN	0	0	0.0%	18,104	12,780	41.7%	0	0	0.0%	105,264	42,929	145.2%
EOM EMINI S&P	0	0	0.0%	1,863,656	1,669,716	11.6%	0	0	0.0%	9,167,289	11,871,854	-22.8%
EOM S&P 500	0	0	0.0%	40	0	0.0%	0	303,360	-100.0%	1,340	0	0.0%
EOW1 E-MINI RUSSELL 2000 W	0	0	0.0%	11,350	2,560	343.4%	0	0	0.0%	46,085	26,924	71.2%
EOW1 EMINI S&P 500	0	0	0.0%	1,318,055	533,087	147.2%	0	0	0.0%	4,720,811	5,579,537	-15.4%
EOW1 S&P 500	0	0	0.0%	0	0	0.0%	0	157,788	-100.0%	0	0	0.0%
EOW2 E-MINI RUSSELL 2000 W	0	0	0.0%	14,500	4,553	218.5%	0	0	0.0%	63,837	18,127	252.2%
EOW2 EMINI S&P 500	0	0	0.0%	1,579,751	724,745	118.0%	0	0	0.0%	5,438,847	5,421,580	0.3%
EOW2 S&P 500	0	0	0.0%	0	0	0.0%	0	252,530	-100.0%	0	0	0.0%
EOW3 E-MINI RUSSELL 2000 W	0	0	0.0%	25,655	11,701	119.3%	0	0	0.0%	135,035	103,564	30.4%
EOW3 EMINI S&P 500	0	0	0.0%	2,302,144	1,909,672	20.6%	0	0	0.0%	10,421,957	13,810,884	-24.5%
EOW3 S&P 500	0	0	0.0%	0	0	0.0%	0	266,271	-100.0%	0	0	0.0%
EOW4 E-MINI RUSSELL 2000 W	0	0	0.0%	519	5,049	-89.7%	0	0	0.0%	56,769	15,097	276.0%
EOW4 EMINI S&P 500	0	0	0.0%	63,853	942,634	-93.2%	0	0	0.0%	2,989,152	4,012,360	-25.5%
MICRO E-MINI NASDAQ 100	0	-	-	51,437	-	-	0	-	-	138,730	-	-
MICRO E-MINI S&P500	0	-	-	160,451	-	-	0	-	-	679,956	-	-
S&P 500	0	0	0.0%	0	1,960	-100.0%	0	677,812	-100.0%	200	6,249	-96.8%
FX Futures												
AD/CD CROSS RATES	0	0	0.0%	84	30	180.0%	0	0	0.0%	128	75	70.7%
AD/JY CROSS RATES	0	0	0.0%	1,715	2,269	-24.4%	0	0	0.0%	10,627	13,768	-22.8%
AD/NE CROSS RATES	0	0	0.0%	117	96	21.9%	0	0	0.0%	791	1,777	-55.5%
AUSTRALIAN DOLLAR	0	0	0.0%	1,742,671	1,727,068	0.9%	0	0	0.0%	10,531,487	10,854,593	-3.0%
BP/JY CROSS RATES	0	0	0.0%	1,986	4,461	-55.5%	0	0	0.0%	10,700	18,588	-42.4%
BP/SF CROSS RATES	0	0	0.0%	321	285	12.6%	0	0	0.0%	2,684	2,344	14.5%
BRAZIL REAL	0	0	0.0%	221,796	153,375	44.6%	0	0	0.0%	1,093,906	923,385	18.5%
BRITISH POUND	0	0	0.0%	1,785,172	1,632,093	9.4%	0	0	0.0%	9,192,681	10,698,395	-14.1%
CANADIAN DOLLAR	0	0	0.0%	1,423,367	1,115,676	27.6%	0	0	0.0%	7,889,139	8,334,674	-5.3%

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FX Futures												
CD/JY CROSS RATES	0	0	0.0%	8	80	-90.0%	0	0	0.0%	552	304	81.6%
CHINESE RENMINBI (CNH)	0	0	0.0%	17,103	16,062	6.5%	0	0	0.0%	75,929	93,734	-19.0%
CZECK KORUNA (EC)	0	0	0.0%	0	0	0.0%	0	0	0.0%	2	14	-85.7%
CZECK KORUNA (US)	0	-	-	0	-	-	0	-	-	3	-	-
EC/AD CROSS RATES	0	0	0.0%	2,313	2,466	-6.2%	0	0	0.0%	20,331	31,813	-36.1%
EC/CD CROSS RATES	0	0	0.0%	3,419	1,523	124.5%	0	0	0.0%	27,977	19,826	41.1%
EC/NOK CROSS RATES	0	0	0.0%	174	50	248.0%	0	0	0.0%	2,529	1,291	95.9%
EC/SEK CROSS RATES	0	0	0.0%	321	96	234.4%	0	0	0.0%	2,704	2,905	-6.9%
EFX/BP CROSS RATES	0	0	0.0%	22,409	35,726	-37.3%	0	0	0.0%	231,691	359,709	-35.6%
EFX/JY CROSS RATES	0	0	0.0%	19,485	28,289	-31.1%	0	0	0.0%	148,956	322,399	-53.8%
EFX/SF CROSS RATES	0	0	0.0%	11,432	37,284	-69.3%	0	0	0.0%	90,838	215,631	-57.9%
E-MINI EURO FX	0	0	0.0%	96,782	131,896	-26.6%	0	0	0.0%	665,175	711,503	-6.5%
E-MINI JAPANESE YEN	0	0	0.0%	6,471	13,191	-50.9%	0	0	0.0%	46,887	145,251	-67.7%
EURO FX	0	0	0.0%	3,265,220	3,029,687	7.8%	0	36	-100.0%	19,563,894	21,825,601	-10.4%
HUNGARIAN FORINT (EC)	0	0	0.0%	0	8	-100.0%	0	0	0.0%	0	8	-100.0%
HUNGARIAN FORINT (US)	0	0	0.0%	11	4	175.0%	0	0	0.0%	72	61	18.0%
INDIAN RUPEE	0	0	0.0%	9,368	17,811	-47.4%	0	0	0.0%	73,133	131,905	-44.6%
JAPANESE YEN	0	0	0.0%	1,960,285	1,463,267	34.0%	0	0	0.0%	10,573,635	14,343,892	-26.3%
KOREAN WON	0	0	0.0%	1,415	718	97.1%	0	0	0.0%	9,147	2,973	207.7%
MEXICAN PESO	0	0	0.0%	866,691	774,998	11.8%	0	0	0.0%	5,254,259	6,200,541	-15.3%
MICRO AUD/USD	0	0	0.0%	183,154	260,096	-29.6%	0	0	0.0%	1,177,672	1,088,312	8.2%
MICRO CAD/USD	0	0	0.0%	56,424	23,865	136.4%	0	0	0.0%	246,238	123,956	98.6%
MICRO CHF/USD	0	0	0.0%	7,890	1,832	330.7%	0	0	0.0%	46,594	16,972	174.5%
MICRO EUR/USD	0	0	0.0%	401,240	388,084	3.4%	0	0	0.0%	2,545,213	1,922,759	32.4%
MICRO GBP/USD	0	0	0.0%	67,459	65,290	3.3%	0	0	0.0%	347,990	257,962	34.9%
MICRO INR/USD	0	0	0.0%	1,659	1,557	6.6%	0	0	0.0%	10,909	12,974	-15.9%
MICRO JPY/USD	0	0	0.0%	31,430	18,876	66.5%	0	0	0.0%	153,179	160,096	-4.3%
MICRO USD/CNH	0	-	-	13	-	-	0	-	-	20	-	-
NEW ZEALND DOLLAR	0	0	0.0%	492,788	500,759	-1.6%	0	0	0.0%	2,973,456	3,130,264	-5.0%
NKR/USD CROSS RATE	0	0	0.0%	3,282	2,572	27.6%	0	0	0.0%	21,894	27,418	-20.1%
POLISH ZLOTY (EC)	0	0	0.0%	24	1	2,300.0%	0	0	0.0%	586	168	248.8%
POLISH ZLOTY (US)	0	0	0.0%	174	344	-49.4%	0	0	0.0%	4,397	2,931	50.0%
RMB USD	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3	-100.0%
RUSSIAN RUBLE	0	0	0.0%	56,344	84,873	-33.6%	0	0	0.0%	445,027	585,290	-24.0%
S.AFRICAN RAND	0	0	0.0%	48,322	69,613	-30.6%	0	0	0.0%	247,888	366,205	-32.3%

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FX Futures												
SF/JY CROSS RATES	0	0	0.0%	16	8	100.0%	0	0	0.0%	130	165	-21.2%
SHEKEL	0	0	0.0%	1	0	0.0%	0	0	0.0%	12	90	-86.7%
SKR/USD CROSS RATES	0	0	0.0%	3,406	2,186	55.8%	0	0	0.0%	20,444	18,877	8.3%
SWISS FRANC	0	0	0.0%	410,495	389,273	5.5%	0	0	0.0%	2,310,591	3,167,957	-27.1%
TURKISH LIRA	0	0	0.0%	0	5	-100.0%	0	0	0.0%	8	18	-55.6%
USDZAR	0	0	0.0%	0	0	0.0%	0	0	0.0%	49	0	0.0%
FX Options												
AUD/USD MONDAY OPTION W	0	0	0.0%	97	874	-88.9%	0	0	0.0%	2,036	1,951	4.4%
AUD/USD MONDAY OPTION W	0	0	0.0%	209	596	-64.9%	0	0	0.0%	1,740	1,027	69.4%
AUD/USD MONDAY OPTION W	0	0	0.0%	103	397	-74.1%	0	0	0.0%	1,945	806	141.3%
AUD/USD MONDAY OPTION W	0	0	0.0%	287	0	0.0%	0	0	0.0%	2,139	180	1,088.3%
AUD/USD MONDAY OPTION W	0	0	0.0%	0	0	0.0%	0	0	0.0%	23	103	-77.7%
AUD/USD MONTHLY OPTIONS	0	0	0.0%	34,194	82,442	-58.5%	0	0	0.0%	214,714	470,718	-54.4%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	138	-100.0%	0	0	0.0%	958	3,153	-69.6%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,968	1,797	9.5%	0	0	0.0%	8,560	26,972	-68.3%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,796	3,856	-27.5%	0	0	0.0%	12,916	22,858	-43.5%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,011	4,708	-57.3%	0	0	0.0%	16,222	23,991	-32.4%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	4,783	-100.0%	0	0	0.0%	3,069	10,547	-70.9%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	2,465	2,432	1.4%	0	0	0.0%	6,549	8,406	-22.1%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	767	2,596	-70.5%	0	0	0.0%	3,961	8,067	-50.9%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	210	869	-75.8%	0	0	0.0%	2,332	6,070	-61.6%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	1,074	1,487	-27.8%	0	0	0.0%	5,572	9,380	-40.6%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	564	3,619	-84.4%
BRL/USD MONTHLY OPTIONS	0	0	0.0%	147	234	-37.2%	0	0	0.0%	1,773	340	421.5%
CAD/USD MONDAY OPTIONS	0	0	0.0%	695	1,144	-39.2%	0	0	0.0%	4,219	1,650	155.7%
CAD/USD MONDAY OPTIONS	0	0	0.0%	2,338	1	233,700.0%	0	0	0.0%	4,977	102	4,779.4%
CAD/USD MONDAY OPTIONS	0	0	0.0%	255	229	11.4%	0	0	0.0%	1,516	620	144.5%
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,563	0	0.0%	0	0	0.0%	3,591	246	1,359.8%
CAD/USD MONDAY OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	612	102	500.0%
CAD/USD MONTHLY OPTIONS	0	0	0.0%	62,963	49,505	27.2%	0	430	-100.0%	261,295	272,298	-4.0%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	65	-100.0%	0	0	0.0%	6,368	6,030	5.6%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	7,432	1,641	352.9%	0	0	0.0%	19,202	30,541	-37.1%

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CME Exchange Volume Comparison Report - Monthly

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FX Options												
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	6,462	6,718	-3.8%	0	0	0.0%	29,519	32,725	-9.8%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	5,792	7,678	-24.6%	0	0	0.0%	32,529	36,719	-11.4%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	7,653	-100.0%	0	0	0.0%	9,870	19,083	-48.3%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,175	4,087	-71.3%	0	0	0.0%	5,088	11,207	-54.6%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,271	2,065	-38.5%	0	0	0.0%	6,181	10,688	-42.2%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	3,011	1,360	121.4%	0	0	0.0%	7,309	9,853	-25.8%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,188	4,500	-73.6%	0	0	0.0%	4,817	14,146	-65.9%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,221	5,417	-77.5%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	6,491	2,837	128.8%	0	0	0.0%	23,849	18,695	27.6%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.0%	0	0	0.0%	56	37	51.4%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	786	172	357.0%	0	0	0.0%	1,458	831	75.5%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	17	2	750.0%	0	0	0.0%	1,171	692	69.2%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	24	227	-89.4%	0	0	0.0%	1,901	742	156.2%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	11	-100.0%	0	0	0.0%	22	853	-97.4%
EUR/GBP MONTHLY OPTIONS	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EUR/GBP WKLY FRIDAY OPTIC	0	-	-	0	-	-	0	-	-	0	-	-
EUR/USD MONDAY OPTION W	0	0	0.0%	624	1,212	-48.5%	0	0	0.0%	6,144	3,207	91.6%
EUR/USD MONDAY OPTION W	0	0	0.0%	4,826	907	432.1%	0	0	0.0%	9,626	2,279	322.4%
EUR/USD MONDAY OPTION W	0	0	0.0%	2,457	1,184	107.5%	0	0	0.0%	3,691	3,262	13.2%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,412	1,779	-20.6%	0	0	0.0%	9,622	3,542	171.7%
EUR/USD MONDAY OPTION W	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,587	1,609	-1.4%
EUR/USD MONTHLY OPTIONS	0	0	0.0%	166,948	206,466	-19.1%	0	1,550	-100.0%	988,796	1,648,110	-40.0%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	491	-100.0%	0	0	0.0%	11,898	11,073	7.5%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	30,769	4,918	525.6%	0	62	-100.0%	69,132	103,544	-33.2%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	17,381	17,153	1.3%	0	0	0.0%	97,222	112,951	-13.9%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	22,802	18,989	20.1%	0	0	0.0%	86,418	117,974	-26.7%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	17,480	-100.0%	0	0	0.0%	33,497	40,757	-17.8%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	7,212	8,747	-17.5%	0	0	0.0%	33,018	46,215	-28.6%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	7,178	5,380	33.4%	0	0	0.0%	34,374	43,564	-21.1%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	4,999	4,420	13.1%	0	0	0.0%	34,515	38,392	-10.1%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	6,683	4,829	38.4%	0	0	0.0%	40,520	37,786	7.2%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	5,639	14,285	-60.5%
GBP/USD MONDAY OPTION W	0	0	0.0%	52	1,479	-96.5%	0	0	0.0%	1,240	2,273	-45.4%
GBP/USD MONDAY OPTION W	0	0	0.0%	1,221	872	40.0%	0	0	0.0%	2,902	1,339	116.7%
GBP/USD MONDAY OPTION W	0	0	0.0%	101	1,678	-94.0%	0	0	0.0%	1,204	2,207	-45.4%

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FX Options												
GBP/USD MONDAY OPTION W	0	0	0.0%	50	1,633	-96.9%	0	0	0.0%	542	2,555	-78.8%
GBP/USD MONDAY OPTION W	0	0	0.0%	0	0	0.0%	0	0	0.0%	400	401	-0.2%
GBP/USD MONTHLY OPTIONS	0	0	0.0%	79,955	65,388	22.3%	0	64	-100.0%	374,940	448,436	-16.4%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	12	-100.0%	0	0	0.0%	1,768	3,267	-45.9%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,255	2,811	15.8%	0	0	0.0%	11,738	19,015	-38.3%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,015	4,606	-56.3%	0	0	0.0%	12,184	16,988	-28.3%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,719	4,705	-21.0%	0	0	0.0%	15,146	20,899	-27.5%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	1,233	-100.0%	0	0	0.0%	3,486	7,929	-56.0%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	2,164	2,174	-0.5%	0	0	0.0%	6,614	11,486	-42.4%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	344	2,156	-84.0%	0	0	0.0%	3,729	5,848	-36.2%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	450	1,868	-75.9%	0	0	0.0%	3,170	8,975	-64.7%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	888	4,383	-79.7%	0	0	0.0%	5,385	8,958	-39.9%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,655	5,190	-68.1%
JPY/USD MONDAY OPTION WE	0	0	0.0%	346	211	64.0%	0	0	0.0%	1,983	2,479	-20.0%
JPY/USD MONDAY OPTION WE	0	0	0.0%	776	1,760	-55.9%	0	0	0.0%	1,851	2,969	-37.7%
JPY/USD MONDAY OPTION WE	0	0	0.0%	241	552	-56.3%	0	0	0.0%	1,078	1,592	-32.3%
JPY/USD MONDAY OPTION WE	0	0	0.0%	364	0	0.0%	0	0	0.0%	881	1,235	-28.7%
JPY/USD MONDAY OPTION WE	0	0	0.0%	0	0	0.0%	0	0	0.0%	313	152	105.9%
JPY/USD MONTHLY OPTIONS	0	0	0.0%	68,166	72,261	-5.7%	0	727	-100.0%	380,073	768,901	-50.6%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	5	-100.0%	0	0	0.0%	8,167	5,689	43.6%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	9,197	2,488	269.7%	0	0	0.0%	26,291	61,318	-57.1%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	5,878	11,518	-49.0%	0	0	0.0%	42,792	76,109	-43.8%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	9,754	11,493	-15.1%	0	0	0.0%	40,303	64,526	-37.5%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	9,449	-100.0%	0	0	0.0%	16,475	25,863	-36.3%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,025	3,602	-43.8%	0	0	0.0%	11,591	31,974	-63.7%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,126	1,766	77.0%	0	0	0.0%	14,325	22,525	-36.4%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,448	2,792	23.5%	0	0	0.0%	12,425	29,395	-57.7%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,936	4,384	-33.0%	0	0	0.0%	13,628	33,783	-59.7%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,493	6,294	-60.4%
MXN/USD MONTHLY OPTIONS	0	0	0.0%	2,670	1,273	109.7%	0	1,840	-100.0%	5,680	7,459	-23.9%
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%	344	0	0.0%	0	0	0.0%	344	0	0.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	59	1	5,800.0%	0	0	0.0%	59	2	2,850.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	193	225	-14.2%	0	0	0.0%	193	810	-76.2%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	93	-100.0%	0	0	0.0%	0	143	-100.0%

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FX Options												
NZD/USD MONTHLY OPTIONS	0	0	0.0%	248	6	4,033.3%	0	0	0.0%	540	4,357	-87.6%
NZD/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%
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	0	0.0%	0	0	0.0%	0	375	-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	-	-	68	-	-
Foreign Exchange Futures												
CHILEAN PESO	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
Foreign Exchange Options												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	633	1,468	-56.9%	0	0	0.0%	3,426	5,184	-33.9%

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Ag Products Futures												
BUTTER CS	0	0	0.0%	3,702	4,132	-10.4%	0	0	0.0%	20,836	34,408	-39.4%
CASH-SETTLED CHEESE	0	0	0.0%	11,229	12,743	-11.9%	0	0	0.0%	61,718	73,089	-15.6%
CAT ASIA WEATHER	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CATTLE	0	0	0.0%	1,175,015	1,497,201	-21.5%	0	2,592	-100.0%	6,103,572	7,947,943	-23.2%
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%	764	1,960	-61.0%	0	65	-100.0%	3,206	15,907	-79.8%
DRY WHEY	0	0	0.0%	2,702	990	172.9%	0	0	0.0%	12,470	8,056	54.8%
FEEDER CATTLE	0	0	0.0%	201,385	181,226	11.1%	0	54	-100.0%	1,205,713	1,443,791	-16.5%
GOLDMAN SACHS	0	0	0.0%	9,445	14,026	-32.7%	0	0	0.0%	58,753	88,960	-34.0%
GSCI EXCESS RETURN FUT	0	0	0.0%	26	0	0.0%	0	0	0.0%	101	44	129.5%
HDD EURO SEASONAL STRIP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HDD SEASONAL STRIP	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
HDD WEATHER	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	25	-100.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HOGS	0	0	0.0%	1,043,499	995,195	4.9%	0	1,940	-100.0%	4,730,246	5,891,962	-19.7%
HOUSING INDEX	0	0	0.0%	11	12	-8.3%	0	0	0.0%	62	195	-68.2%
LUMBER	0	0	0.0%	12,601	7,353	71.4%	0	0	0.0%	50,477	62,286	-19.0%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MILK	0	0	0.0%	22,218	38,908	-42.9%	0	59	-100.0%	119,297	173,436	-31.2%
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%	5,423	5,692	-4.7%	0	0	0.0%	29,538	51,109	-42.2%
PACIFIC RIM DAT SS WTHR	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PORK CUTOUT	0	-	-	1,962	-	-	0	-	-	17,650	-	-
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												
BUTTER CS	0	0	0.0%	1,113	3,797	-70.7%	0	212	-100.0%	11,876	20,907	-43.2%
CASH-SETTLED CHEESE	0	0	0.0%	5,819	9,785	-40.5%	0	7,734	-100.0%	42,503	57,416	-26.0%
CATTLE	0	0	0.0%	160,305	271,175	-40.9%	0	59,913	-100.0%	964,892	1,331,185	-27.5%
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	-	-
CLASS IV MILK	0	0	0.0%	3,303	3,606	-8.4%	0	1,082	-100.0%	15,468	33,680	-54.1%
DRY WHEY	0	0	0.0%	184	613	-70.0%	0	119	-100.0%	1,418	3,187	-55.5%
FEEDER CATTLE	0	0	0.0%	23,787	23,128	2.8%	0	4,252	-100.0%	108,627	152,973	-29.0%
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	-	-
HOGS	0	0	0.0%	211,098	222,230	-5.0%	0	34,430	-100.0%	929,113	1,559,761	-40.4%
HOUSING INDEX	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
LUMBER	0	0	0.0%	1,074	249	331.3%	0	0	0.0%	4,226	5,004	-15.5%
LV CATL CSO	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MILK	0	0	0.0%	15,651	60,498	-74.1%	0	3,323	-100.0%	132,525	249,644	-46.9%
MLK MID OPTIONS	0	0	0.0%	2	4	-50.0%	0	31	-100.0%	11	17	-35.3%
NFD MILK	0	0	0.0%	4,573	3,069	49.0%	0	494	-100.0%	20,162	43,663	-53.8%
PORK CUTOUT	0	-	-	88	-	-	0	-	-	718	-	-
TOTAL FUTURES GROUP												
Interest Rate Futures	324,122	0	0.0%	42,686,281	35,040,051	21.8%	2,037,375	2,619,681	-22.2%	251,336,900	295,829,193	-15.0%
Equity Index Futures	0	0	0.0%	90,714,656	84,591,954	7.2%	0	33,712	-100.0%	479,875,895	479,457,149	0.1%
FX Futures	0	0	0.0%	13,224,257	11,997,743	10.2%	0	36	-100.0%	76,072,154	86,139,377	-11.7%
Foreign Exchange Futures	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
Ag Products Futures	0	0	0.0%	2,489,982	2,759,438	-9.8%	0	4,710	-100.0%	12,413,639	15,791,211	-21.4%
TOTAL FUTURES	324,122	0	0.0%	149,115,176	134,389,186	11.0%	2,037,375	2,658,139	-23.4%	819,698,588	877,216,930	-6.6%

CME Exchange Volume Comparison Report - Monthly

	Open Outcry MAY 2021	Open Outcry MAY 2020	% CHG	ELEC MAY 2021	ELEC MAY 2020	% CHG	Open Outcry Y.T.D 2021	Open Outcry Y.T.D 2020	% CHG	ELEC Y.T.D 2021	ELEC Y.T.D 2020	% CHG
TOTAL OPTIONS GROUP												
Equity Index Options	0	0	0.0%	14,463,327	12,088,594	19.6%	0	1,658,011	-100.0%	65,050,831	84,887,132	-23.4%
Interest Rate Options	12,314,125	0	0.0%	5,594,599	16,616,064	-66.3%	64,614,273	60,939,677	6.0%	33,488,687	112,795,214	-70.3%
FX Options	0	0	0.0%	625,067	709,936	-12.0%	0	4,673	-100.0%	3,205,199	5,013,781	-36.1%
Ag Products Options	0	0	0.0%	426,997	598,154	-28.6%	0	111,590	-100.0%	2,231,539	3,457,437	-35.5%
Foreign Exchange Options	0	0	0.0%	633	1,468	-56.9%	0	0	0.0%	3,426	5,184	-33.9%
TOTAL OPTIONS	12,314,125	0	0.0%	21,110,623	30,014,216	-29.7%	64,614,273	62,713,951	3.0%	103,979,682	206,158,748	-49.6%
TOTAL COMBINED												
Interest Rate	12,638,247	0	0.0%	48,280,880	51,656,115	-6.5%	66,651,648	63,559,358	4.9%	284,825,587	408,624,407	-30.3%
Equity Index	0	0	0.0%	105,177,983	96,680,548	8.8%	0	1,691,723	-100.0%	544,926,726	564,344,281	-3.4%
FX	0	0	0.0%	13,849,324	12,707,679	9.0%	0	4,709	-100.0%	79,277,353	91,153,158	-13.0%
Foreign Exchange	0	0	0.0%	633	1,468	-56.9%	0	0	0.0%	3,426	5,184	-33.9%
Ag Products	0	0	0.0%	2,916,979	3,357,592	-13.1%	0	116,300	-100.0%	14,645,178	19,248,648	-23.9%
GRAND TOTAL	12,638,247	0	0.0%	170,225,799	164,403,402	3.5%	66,651,648	65,372,090	2.0%	923,678,270	1,083,375,678	-14.7%