

CME Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2021	Open Outcry SEP 2020	% CHG	ELEC SEP 2021	ELEC SEP 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	8	-100.0%	0	0	0.0%	0	826	-100.0%
EURODOLLARS	467,695	119,188	292.4%	43,041,936	27,180,906	58.4%	3,809,391	2,830,768	34.6%	428,429,573	403,290,035	6.2%
SOFR	0	0	0.0%	2,840,199	1,131,612	151.0%	0	0	0.0%	21,704,653	8,018,301	170.7%
SONIA	0	0	0.0%	20,755	189,924	-89.1%	0	0	0.0%	779,024	1,475,958	-47.2%
TIIE	0	-	-	292	-	-	0	-	-	739	-	-
Interest Rate Options												
EURODOLLARS	2,219,835	1,968,619	12.8%	1,423,607	2,178,917	-34.7%	22,522,226	51,292,387	-56.1%	11,872,111	100,928,341	-88.2%
EURO MIDCURVE	9,140,071	2,037,095	348.7%	4,197,461	2,016,266	108.2%	94,030,658	16,353,574	475.0%	46,290,600	43,870,982	5.5%
SOFR	310	0	0.0%	0	0	0.0%	7,310	10	73,000.0%	1,402	1,012	38.5%
Equity Index Futures												
BITCOIN FUTURES	0	0	0.0%	593,358	201,375	194.7%	0	0	0.0%	4,037,818	1,580,405	155.5%
E-MINI COM SERVICES SELEC	0	0	0.0%	6,012	6,208	-3.2%	0	0	0.0%	26,378	22,503	17.2%
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%	174	0	0.0%	0	0	0.0%	521	2	25,950.0%
E-MINI MIDCAP	0	0	0.0%	367,825	487,148	-24.5%	0	0	0.0%	2,316,238	3,396,792	-31.8%
E-MINI NASDAQ 100	0	0	0.0%	13,262,873	16,080,698	-17.5%	0	0	0.0%	102,486,243	112,544,837	-8.9%
E-MINI RUSSELL 1000	0	0	0.0%	9,489	7,202	31.8%	0	0	0.0%	40,630	34,126	19.1%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	8,399	5,653	48.6%	0	0	0.0%	29,187	28,265	3.3%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	14,667	12,937	13.4%	0	0	0.0%	74,996	55,327	35.6%
E-MINI RUSSELL 2000	0	0	0.0%	5,196,403	4,999,987	3.9%	0	0	0.0%	37,147,925	39,232,642	-5.3%
E-MINI S&P500	0	0	0.0%	41,675,276	49,923,266	-16.5%	0	0	0.0%	298,792,739	398,640,485	-25.0%
E-MINI S&P500 ESG	0	0	0.0%	22,742	3,195	611.8%	0	0	0.0%	120,342	54,044	122.7%
E-MINI S&P REAL ESTATE SEL	0	0	0.0%	11,069	5,832	89.8%	0	0	0.0%	40,502	48,730	-16.9%
ETHER FUTURES	0	-	-	130,506	-	-	0	-	-	560,335	-	-
FT-SE 100	0	0	0.0%	10	0	0.0%	0	0	0.0%	201	0	0.0%
FTSE Emerging	0	0	0.0%	0	45	-100.0%	0	0	0.0%	5	4,545	-99.9%
IBOVESPA INDEX	0	0	0.0%	215	147	46.3%	0	0	0.0%	1,854	4,094	-54.7%
MICRO E-MINI NASDAQ 100	0	0	0.0%	19,222,879	22,193,044	-13.4%	0	0	0.0%	173,589,950	122,781,960	41.4%
MICRO E-MINI RUSSELL 2000	0	0	0.0%	3,566,315	2,014,024	77.1%	0	0	0.0%	28,397,966	18,263,463	55.5%

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Equity Index Futures												
MICRO E-MINI S&P500	0	0	0.0%	19,180,797	23,799,628	-19.4%	0	0	0.0%	160,724,114	168,087,271	-4.4%
NASDAQ-100 VOLATILITY	0	-	-	33	-	-	0	-	-	95	-	-
NASDAQ BIOTECH	0	0	0.0%	850	463	83.6%	0	0	0.0%	5,483	4,778	14.8%
Nearby BTIC+	0	0	0.0%	0	0	0.0%	0	0	0.0%	356	200	78.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	215,279	178,015	20.9%	0	0	0.0%	1,182,531	1,867,328	-36.7%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	932,062	855,293	9.0%	0	0	0.0%	5,910,751	9,138,499	-35.3%
S&P 500	0	0	0.0%	66	205	-67.8%	0	33,712	-100.0%	12,585	19,282	-34.7%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	9,474	18,225	-48.0%	0	0	0.0%	123,554	212,650	-41.9%
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%	40	90	-55.6%	0	0	0.0%	764	8,304	-90.8%
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%	12,777	13,814	-7.5%	0	0	0.0%	87,423	63,572	37.5%
S&P CONSUMER STAPLES SE	0	0	0.0%	34,215	28,300	20.9%	0	0	0.0%	162,552	111,151	46.2%
S&P ENERGY SECTOR	0	0	0.0%	47,780	38,226	25.0%	0	0	0.0%	257,658	165,347	55.8%
S&P FINANCIAL SECTOR	0	0	0.0%	42,587	24,652	72.8%	0	0	0.0%	292,735	160,079	82.9%
S&P HEALTH CARE SECTOR	0	0	0.0%	32,063	21,229	51.0%	0	0	0.0%	140,218	116,561	20.3%
S&P INDUSTRIAL SECTOR	0	0	0.0%	15,595	18,045	-13.6%	0	0	0.0%	97,592	81,299	20.0%
S&P MATERIALS SECTOR	0	0	0.0%	13,723	8,319	65.0%	0	0	0.0%	80,800	45,501	77.6%
S&P TECHNOLOGY SECTOR	0	0	0.0%	24,976	22,962	8.8%	0	0	0.0%	112,410	98,137	14.5%
S&P UTILITIES SECTOR	0	0	0.0%	30,969	22,979	34.8%	0	0	0.0%	146,492	130,562	12.2%
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	-	-	19	-	-	0	-	-	944	-	-
YEN DENOMINATED TOPIX	0	0	0.0%	3,912	5,928	-34.0%	0	0	0.0%	17,622	64,567	-72.7%



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Equity Index Options												
BITCOIN FUTURES	0	0	0.0%	1,146	3,520	-67.4%	0	0	0.0%	10,185	10,888	-6.5%
E-MINI NASDAQ 100	0	0	0.0%	596,300	496,096	20.2%	0	0	0.0%	4,979,648	3,120,855	59.6%
E-MINI RUSSELL 2000	0	0	0.0%	28,635	17,983	59.2%	0	0	0.0%	256,498	160,725	59.6%
E-MINI S&P500	0	0	0.0%	8,928,815	6,659,244	34.1%	0	250	-100.0%	54,672,871	67,765,785	-19.3%
EOM E-MINI RUSSELL 2000 EN	0	0	0.0%	19,273	7,833	146.0%	0	0	0.0%	182,701	77,024	137.2%
EOM EMINI S&P	0	0	0.0%	2,301,136	1,911,410	20.4%	0	0	0.0%	16,389,977	18,353,247	-10.7%
EOM S&P 500	0	0	0.0%	0	0	0.0%	0	303,360	-100.0%	2,158	0	0.0%
EOW1 E-MINI RUSSELL 2000 W	0	0	0.0%	16,536	3,754	340.5%	0	0	0.0%	100,283	42,172	137.8%
EOW1 EMINI S&P 500	0	0	0.0%	1,513,859	1,427,566	6.0%	0	0	0.0%	9,145,329	9,642,961	-5.2%
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%	14,958	4,594	225.6%	0	0	0.0%	117,658	36,301	224.1%
EOW2 EMINI S&P 500	0	0	0.0%	1,281,390	1,140,123	12.4%	0	0	0.0%	9,557,262	9,859,840	-3.1%
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%	33,564	10,336	224.7%	0	0	0.0%	278,740	159,514	74.7%
EOW3 EMINI S&P 500	0	0	0.0%	2,094,812	1,807,661	15.9%	0	0	0.0%	18,831,882	21,671,286	-13.1%
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%	19,338	3,829	405.0%	0	0	0.0%	134,123	31,535	325.3%
EOW4 EMINI S&P 500	0	0	0.0%	1,628,276	1,370,387	18.8%	0	0	0.0%	7,786,897	8,218,331	-5.2%
MICRO E-MINI NASDAQ	0	0	0.0%	9,833	2,712	262.6%	0	0	0.0%	52,469	2,763	1,799.0%
MICRO E-MINI NASDAQ END O	0	0	0.0%	8,701	1,640	430.5%	0	0	0.0%	65,910	1,640	3,918.9%
MICRO E-MINI NASDAQ WEEKL	0	0	0.0%	22,641	5,370	321.6%	0	0	0.0%	172,420	5,446	3,066.0%
MICRO E-MINI S&P 500	0	0	0.0%	45,328	33,258	36.3%	0	0	0.0%	255,464	33,515	662.2%
MICRO E-MINI S&P 500 END OF	0	0	0.0%	49,090	38,387	27.9%	0	0	0.0%	312,518	38,747	706.6%
MICRO E-MINI S&P 500 WEEKL	0	0	0.0%	108,943	89,284	22.0%	0	0	0.0%	758,597	90,355	739.6%
S&P 500	0	0	0.0%	0	400	-100.0%	0	677,812	-100.0%	200	7,513	-97.3%
FX Futures												
AD/CD CROSS RATES	0	0	0.0%	10	3	233.3%	0	0	0.0%	158	80	97.5%
AD/JY CROSS RATES	0	0	0.0%	2,045	1,830	11.7%	0	0	0.0%	19,068	23,658	-19.4%
AD/NE CROSS RATES	0	0	0.0%	455	212	114.6%	0	0	0.0%	2,458	2,605	-5.6%
AUSTRALIAN DOLLAR	0	0	0.0%	2,435,332	2,412,955	0.9%	0	0	0.0%	18,747,073	19,623,823	-4.5%
BP/JY CROSS RATES	0	0	0.0%	3,312	3,189	3.9%	0	0	0.0%	22,535	29,734	-24.2%

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FX Futures												
BP/SF CROSS RATES	0	0	0.0%	1,710	369	363.4%	0	0	0.0%	6,952	3,902	78.2%
BRAZIL REAL	0	0	0.0%	182,967	203,149	-9.9%	0	0	0.0%	2,111,397	1,736,769	21.6%
BRITISH POUND	0	0	0.0%	2,393,155	2,931,860	-18.4%	0	0	0.0%	17,788,504	20,228,047	-12.1%
CANADIAN DOLLAR	0	0	0.0%	2,044,471	1,887,510	8.3%	0	0	0.0%	15,101,114	14,626,086	3.2%
CD/JY CROSS RATES	0	0	0.0%	96	7	1,271.4%	0	0	0.0%	1,460	375	289.3%
CHINESE RENMINBI (CNH)	0	0	0.0%	22,348	27,074	-17.5%	0	0	0.0%	152,343	173,514	-12.2%
CZECK KORUNA (EC)	0	0	0.0%	0	2	-100.0%	0	0	0.0%	2	26	-92.3%
CZECK KORUNA (US)	0	0	0.0%	3	1	200.0%	0	0	0.0%	8	1	700.0%
EC/AD CROSS RATES	0	0	0.0%	10,441	8,760	19.2%	0	0	0.0%	44,094	56,717	-22.3%
EC/CD CROSS RATES	0	0	0.0%	16,772	8,040	108.6%	0	0	0.0%	66,077	42,340	56.1%
EC/NOK CROSS RATES	0	0	0.0%	1,875	355	428.2%	0	0	0.0%	6,006	1,757	241.8%
EC/SEK CROSS RATES	0	0	0.0%	1,491	1,136	31.3%	0	0	0.0%	5,865	5,726	2.4%
EFX/BP CROSS RATES	0	0	0.0%	127,919	101,164	26.4%	0	0	0.0%	529,669	628,969	-15.8%
EFX/JY CROSS RATES	0	0	0.0%	115,979	74,992	54.7%	0	0	0.0%	392,806	547,183	-28.2%
EFX/SF CROSS RATES	0	0	0.0%	55,699	32,303	72.4%	0	0	0.0%	217,582	338,337	-35.7%
E-MICRO USD/CAD	0	-	-	94	-	-	0	-	-	346	-	-
E-MICRO USD/CHF	0	-	-	0	-	-	0	-	-	29	-	-
E-MICRO USD/JPY	0	-	-	113	-	-	0	-	-	122	-	-
E-MINI EURO FX	0	0	0.0%	120,064	203,084	-40.9%	0	0	0.0%	1,112,371	1,431,340	-22.3%
E-MINI JAPANESE YEN	0	0	0.0%	10,239	9,730	5.2%	0	0	0.0%	82,168	202,842	-59.5%
EURO FX	0	0	0.0%	5,000,579	5,835,258	-14.3%	0	36	-100.0%	36,252,848	42,226,147	-14.1%
HUNGARIAN FORINT (EC)	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	9	-100.0%
HUNGARIAN FORINT (US)	0	0	0.0%	31	27	14.8%	0	0	0.0%	168	100	68.0%
INDIAN RUPEE	0	0	0.0%	15,112	23,154	-34.7%	0	0	0.0%	122,992	238,275	-48.4%
JAPANESE YEN	0	0	0.0%	2,818,212	2,063,872	36.5%	0	0	0.0%	19,881,083	22,460,154	-11.5%
KOREAN WON	0	0	0.0%	398	633	-37.1%	0	0	0.0%	11,349	5,028	125.7%
MEXICAN PESO	0	0	0.0%	1,480,779	1,603,640	-7.7%	0	0	0.0%	10,135,812	10,831,072	-6.4%
MICRO AUD/USD	0	0	0.0%	184,515	264,283	-30.2%	0	0	0.0%	1,870,209	2,249,886	-16.9%
MICRO CAD/USD	0	0	0.0%	70,778	38,375	84.4%	0	0	0.0%	507,843	263,131	93.0%
MICRO CHF/USD	0	0	0.0%	9,751	7,637	27.7%	0	0	0.0%	79,618	35,664	123.2%
MICRO EUR/USD	0	0	0.0%	465,207	693,342	-32.9%	0	0	0.0%	4,381,681	4,451,974	-1.6%
MICRO GBP/USD	0	0	0.0%	88,199	137,954	-36.1%	0	0	0.0%	665,891	599,715	11.0%
MICRO INR/USD	0	0	0.0%	1,565	1,688	-7.3%	0	0	0.0%	16,346	20,041	-18.4%
MICRO JPY/USD	0	0	0.0%	39,505	24,714	59.8%	0	0	0.0%	300,001	269,350	11.4%
MICRO USD/CNH	0	-	-	0	-	-	0	-	-	36	-	-

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FX Futures												
NEW ZEALND DOLLAR	0	0	0.0%	646,505	660,873	-2.2%	0	0	0.0%	5,422,657	5,733,048	-5.4%
NKR/USD CROSS RATE	0	0	0.0%	6,607	5,811	13.7%	0	0	0.0%	43,228	43,469	-0.6%
POLISH ZLOTY (EC)	0	0	0.0%	342	117	192.3%	0	0	0.0%	1,310	576	127.4%
POLISH ZLOTY (US)	0	0	0.0%	1,536	1,560	-1.5%	0	0	0.0%	8,120	7,517	8.0%
RMB USD	0	0	0.0%	0	0	0.0%	0	0	0.0%	3	4	-25.0%
RUSSIAN RUBLE	0	0	0.0%	174,250	135,768	28.3%	0	0	0.0%	960,592	1,036,999	-7.4%
S.AFRICAN RAND	0	0	0.0%	98,080	110,718	-11.4%	0	0	0.0%	525,558	730,269	-28.0%
SF/JY CROSS RATES	0	0	0.0%	40	2	1,900.0%	0	0	0.0%	255	230	10.9%
SHEKEL	0	0	0.0%	2	11	-81.8%	0	0	0.0%	18	105	-82.9%
SKR/USD CROSS RATES	0	0	0.0%	8,622	6,380	35.1%	0	0	0.0%	45,224	35,838	26.2%
SWISS FRANC	0	0	0.0%	626,598	643,454	-2.6%	0	0	0.0%	4,446,935	5,413,829	-17.9%
TURKISH LIRA	0	0	0.0%	0	36	-100.0%	0	0	0.0%	8	88	-90.9%
USDZAR	0	0	0.0%	7	0	0.0%	0	0	0.0%	71	0	0.0%
FX Options												
AUD/USD MONDAY OPTION W	0	0	0.0%	683	611	11.8%	0	0	0.0%	3,112	3,387	-8.1%
AUD/USD MONDAY OPTION W	0	0	0.0%	302	180	67.8%	0	0	0.0%	3,231	1,672	93.2%
AUD/USD MONDAY OPTION W	0	0	0.0%	253	36	602.8%	0	0	0.0%	3,187	2,326	37.0%
AUD/USD MONDAY OPTION W	0	0	0.0%	398	548	-27.4%	0	0	0.0%	3,996	1,714	133.1%
AUD/USD MONDAY OPTION W	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,370	722	89.8%
AUD/USD MONTHLY OPTIONS	0	0	0.0%	55,025	55,285	-0.5%	0	0	0.0%	436,416	676,930	-35.5%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,881	2,245	28.3%	0	0	0.0%	7,112	5,398	31.8%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,865	851	119.2%	0	0	0.0%	14,980	37,913	-60.5%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,032	2,202	83.1%	0	0	0.0%	24,193	34,059	-29.0%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,153	3,657	13.6%	0	0	0.0%	26,881	37,531	-28.4%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	418	635	-34.2%	0	0	0.0%	5,275	13,238	-60.2%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	147	1,013	-85.5%	0	0	0.0%	8,733	11,544	-24.4%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	1,069	383	179.1%	0	0	0.0%	7,129	12,425	-42.6%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	205	193	6.2%	0	0	0.0%	2,941	7,402	-60.3%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	968	610	58.7%	0	0	0.0%	8,493	12,084	-29.7%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	577	1,472	-60.8%	0	0	0.0%	1,985	5,691	-65.1%
BRL/USD MONTHLY OPTIONS	0	0	0.0%	200	12	1,566.7%	0	0	0.0%	2,790	675	313.3%
CAD/USD MONDAY OPTIONS	0	0	0.0%	1,686	86	1,860.5%	0	0	0.0%	7,647	2,445	212.8%

CME Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2021	Open Outcry SEP 2020	% CHG	ELEC SEP 2021	ELEC SEP 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
FX Options												
CAD/USD MONDAY OPTIONS	0	0	0.0%	4,455	200	2,127.5%	0	0	0.0%	14,997	1,564	858.9%
CAD/USD MONDAY OPTIONS	0	0	0.0%	6,008	881	582.0%	0	0	0.0%	9,904	5,609	76.6%
CAD/USD MONDAY OPTIONS	0	0	0.0%	7,502	129	5,715.5%	0	0	0.0%	21,705	4,642	367.6%
CAD/USD MONDAY OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	3,147	3,085	2.0%
CAD/USD MONTHLY OPTIONS	0	0	0.0%	101,549	32,175	215.6%	0	430	-100.0%	619,742	441,504	40.4%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	11,817	5,447	116.9%	0	0	0.0%	26,826	11,477	133.7%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	5,808	5,588	3.9%	0	0	0.0%	42,930	63,244	-32.1%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	14,049	5,458	157.4%	0	0	0.0%	69,519	56,956	22.1%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	26,511	6,697	295.9%	0	0	0.0%	87,397	63,255	38.2%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,512	113	1,238.1%	0	0	0.0%	17,090	25,385	-32.7%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	5,461	323	1,590.7%	0	0	0.0%	18,328	20,377	-10.1%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,527	1,096	39.3%	0	0	0.0%	17,098	15,951	7.2%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	6,388	707	803.5%	0	0	0.0%	18,667	16,663	12.0%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	13,014	932	1,296.4%	0	0	0.0%	25,556	21,279	20.1%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	5,794	469	1,135.4%	0	0	0.0%	9,035	8,199	10.2%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	7,061	3,771	87.2%	0	0	0.0%	44,694	29,999	49.0%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	110	102	7.8%	0	0	0.0%	411	139	195.7%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	47	3	1,466.7%	0	0	0.0%	2,240	1,505	48.8%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	160	25	540.0%	0	0	0.0%	1,703	1,029	65.5%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	56	555	-89.9%	0	0	0.0%	2,386	1,432	66.6%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.0%	0	0	0.0%	238	906	-73.7%
EUR/GBP MONTHLY OPTIONS	0	0	0.0%	6	0	0.0%	0	0	0.0%	6	0	0.0%
EUR/GBP WKLY FRIDAY OPTIC	0	-	-	0	-	-	0	-	-	0	-	-
EUR/USD MONDAY OPTION W	0	0	0.0%	947	1,033	-8.3%	0	0	0.0%	16,082	12,242	31.4%
EUR/USD MONDAY OPTION W	0	0	0.0%	107	4,395	-97.6%	0	0	0.0%	13,121	11,719	12.0%
EUR/USD MONDAY OPTION W	0	0	0.0%	1,340	1,643	-18.4%	0	0	0.0%	13,058	18,974	-31.2%
EUR/USD MONDAY OPTION W	0	0	0.0%	5,771	2,757	109.3%	0	0	0.0%	24,590	19,336	27.2%
EUR/USD MONDAY OPTION W	0	0	0.0%	0	0	0.0%	0	0	0.0%	5,945	7,186	-17.3%
EUR/USD MONTHLY OPTIONS	0	0	0.0%	159,625	207,323	-23.0%	0	1,550	-100.0%	1,756,573	2,578,857	-31.9%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	18,619	16,462	13.1%	0	0	0.0%	49,106	27,537	78.3%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	10,646	14,066	-24.3%	0	62	-100.0%	117,400	180,169	-34.8%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	21,147	18,510	14.2%	0	0	0.0%	178,560	192,396	-7.2%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	24,589	20,531	19.8%	0	0	0.0%	166,799	201,301	-17.1%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,392	3,269	3.8%	0	0	0.0%	61,597	63,114	-2.4%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	4,347	8,997	-51.7%	0	0	0.0%	57,347	86,620	-33.8%

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FX Options												
EUR/USD WKLY WED OPTIONS	0	0	0.0%	3,390	6,418	-47.2%	0	0	0.0%	62,341	74,696	-16.5%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	3,558	6,222	-42.8%	0	0	0.0%	60,384	73,417	-17.8%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	8,230	7,615	8.1%	0	0	0.0%	79,994	69,044	15.9%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	12,756	10,836	17.7%	0	0	0.0%	25,392	34,150	-25.6%
GBP/USD MONDAY OPTION W	0	0	0.0%	967	1,492	-35.2%	0	0	0.0%	4,094	5,163	-20.7%
GBP/USD MONDAY OPTION W	0	0	0.0%	302	529	-42.9%	0	0	0.0%	5,271	3,175	66.0%
GBP/USD MONDAY OPTION W	0	0	0.0%	486	80	507.5%	0	0	0.0%	2,373	4,413	-46.2%
GBP/USD MONDAY OPTION W	0	0	0.0%	61	990	-93.8%	0	0	0.0%	4,319	6,585	-34.4%
GBP/USD MONDAY OPTION W	0	0	0.0%	0	0	0.0%	0	0	0.0%	654	1,435	-54.4%
GBP/USD MONTHLY OPTIONS	0	0	0.0%	68,422	105,464	-35.1%	0	64	-100.0%	648,908	771,133	-15.9%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,983	4,321	-7.8%	0	0	0.0%	12,159	8,058	50.9%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,564	1,790	-12.6%	0	0	0.0%	21,969	33,169	-33.8%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,674	5,464	-32.8%	0	0	0.0%	26,478	34,425	-23.1%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,592	1,979	81.5%	0	0	0.0%	30,573	29,672	3.0%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	491	1,034	-52.5%	0	0	0.0%	8,403	12,820	-34.5%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	259	982	-73.6%	0	0	0.0%	9,647	14,555	-33.7%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	308	1,255	-75.5%	0	0	0.0%	5,578	8,637	-35.4%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	174	2,864	-93.9%	0	0	0.0%	5,771	15,113	-61.8%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,298	1,140	13.9%	0	0	0.0%	9,334	11,682	-20.1%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	690	1,646	-58.1%	0	0	0.0%	2,591	7,180	-63.9%
JPY/USD MONDAY OPTION WE	0	0	0.0%	195	1,641	-88.1%	0	0	0.0%	3,291	7,600	-56.7%
JPY/USD MONDAY OPTION WE	0	0	0.0%	801	457	75.3%	0	0	0.0%	5,091	10,580	-51.9%
JPY/USD MONDAY OPTION WE	0	0	0.0%	201	1,020	-80.3%	0	0	0.0%	3,682	7,382	-50.1%
JPY/USD MONDAY OPTION WE	0	0	0.0%	1,694	833	103.4%	0	0	0.0%	3,356	3,946	-15.0%
JPY/USD MONDAY OPTION WE	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,697	2,653	1.7%
JPY/USD MONTHLY OPTIONS	0	0	0.0%	85,487	75,176	13.7%	0	727	-100.0%	708,979	1,102,893	-35.7%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	7,361	11,151	-34.0%	0	0	0.0%	28,288	16,840	68.0%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	5,875	7,245	-18.9%	0	0	0.0%	49,978	104,129	-52.0%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	9,161	10,821	-15.3%	0	0	0.0%	83,820	113,922	-26.4%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	10,011	10,533	-5.0%	0	0	0.0%	80,295	105,800	-24.1%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	364	1,692	-78.5%	0	0	0.0%	25,368	38,571	-34.2%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,647	2,286	15.8%	0	0	0.0%	22,656	46,221	-51.0%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,921	1,762	122.5%	0	0	0.0%	30,963	36,879	-16.0%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	1,507	2,821	-46.6%	0	0	0.0%	26,870	43,194	-37.8%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,983	2,247	32.8%	0	0	0.0%	25,858	46,001	-43.8%

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FX Options												
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,338	3,427	-31.8%	0	0	0.0%	7,879	12,418	-36.6%
MXN/USD MONTHLY OPTIONS	0	0	0.0%	3,861	2,963	30.3%	0	1,840	-100.0%	11,742	14,205	-17.3%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	4,413	-100.0%	0	0	0.0%	0	4,413	-100.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	139	-100.0%	0	0	0.0%	604	1,748	-65.4%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.0%	0	0	0.0%	552	1,898	-70.9%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	300	750	-60.0%	0	0	0.0%	631	2,350	-73.1%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	152	-100.0%
NZD/USD MONTHLY OPTIONS	0	0	0.0%	29	19	52.6%	0	0	0.0%	1,358	4,654	-70.8%
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%	12	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	0.0%	0	93	-100.0%	0	0	0.0%	68	93	-26.9%
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%	49	469	-89.6%	0	0	0.0%	4,360	6,893	-36.7%

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Ag Products Futures												
BLOCK CHEESE	0	0	0.0%	185	165	12.1%	0	0	0.0%	5,729	2,225	157.5%
BUTTER CS	0	0	0.0%	3,224	3,331	-3.2%	0	0	0.0%	34,974	50,258	-30.4%
CASH-SETTLED CHEESE	0	0	0.0%	10,231	9,696	5.5%	0	0	0.0%	103,197	116,017	-11.1%
CAT ASIA WEATHER	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CATTLE	0	0	0.0%	1,363,846	1,330,828	2.5%	0	2,592	-100.0%	10,795,777	12,761,831	-15.4%
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	50	-100.0%
CLASS IV MILK	0	0	0.0%	1,887	1,580	19.4%	0	65	-100.0%	9,208	21,357	-56.9%
DRY WHEY	0	0	0.0%	1,147	831	38.0%	0	0	0.0%	18,158	12,488	45.4%
FEEDER CATTLE	0	0	0.0%	342,589	267,000	28.3%	0	54	-100.0%	2,341,625	2,470,304	-5.2%
GOLDMAN SACHS	0	0	0.0%	3,821	12,674	-69.9%	0	0	0.0%	80,816	137,826	-41.4%
GSCI EXCESS RETURN FUT	0	0	0.0%	50	41	22.0%	0	0	0.0%	151	85	77.6%
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	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%	1,098,116	1,233,413	-11.0%	0	1,940	-100.0%	8,930,968	9,969,071	-10.4%
HOUSING INDEX	0	0	0.0%	26	17	52.9%	0	0	0.0%	122	260	-53.1%
LUMBER	0	0	0.0%	6,134	10,839	-43.4%	0	0	0.0%	89,760	124,486	-27.9%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MILK	0	0	0.0%	22,038	26,834	-17.9%	0	59	-100.0%	211,404	316,340	-33.2%
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%	4,290	5,350	-19.8%	0	0	0.0%	47,300	73,938	-36.0%
PACIFIC RIM DAT SS WTHR	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
PORK CUTOUT	0	-	-	1,407	-	-	0	-	-	23,195	-	-
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%	540	371	45.6%	0	2,052	-100.0%	2,922	5,793	-49.6%
BUTTER CS	0	0	0.0%	1,137	1,496	-24.0%	0	212	-100.0%	16,760	27,349	-38.7%
CASH-SETTLED CHEESE	0	0	0.0%	1,489	7,563	-80.3%	0	5,682	-100.0%	57,727	97,364	-40.7%
CATTLE	0	0	0.0%	223,775	158,881	40.8%	0	59,913	-100.0%	1,714,603	2,022,471	-15.2%
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	-	-
CLASS IV MILK	0	0	0.0%	5,602	1,254	346.7%	0	1,082	-100.0%	31,322	43,720	-28.4%
DRY WHEY	0	0	0.0%	92	88	4.5%	0	119	-100.0%	1,746	4,240	-58.8%
FEEDER CATTLE	0	0	0.0%	22,673	16,500	37.4%	0	4,252	-100.0%	193,216	227,237	-15.0%
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%	266,144	287,237	-7.3%	0	34,430	-100.0%	1,885,556	2,493,839	-24.4%
HOUSING INDEX	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
LUMBER	0	0	0.0%	520	644	-19.3%	0	0	0.0%	6,700	8,258	-18.9%
LV CATL CSO	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MILK	0	0	0.0%	23,693	23,809	-0.5%	0	3,323	-100.0%	221,457	424,436	-47.8%
MLK MID OPTIONS	0	0	0.0%	4	0	0.0%	0	31	-100.0%	15	86	-82.6%
NFD MILK	0	0	0.0%	2,255	4,316	-47.8%	0	494	-100.0%	31,413	59,166	-46.9%
PORK CUTOUT	0	-	-	10	-	-	0	-	-	749	-	-
TOTAL FUTURES GROUP												
Interest Rate Futures	467,695	119,188	292.4%	45,903,182	28,502,450	61.0%	3,809,391	2,830,768	34.6%	450,913,989	412,785,120	9.2%
Equity Index Futures	0	0	0.0%	104,685,429	120,997,134	-13.5%	0	33,712	-100.0%	817,020,509	877,067,308	-6.8%
FX Futures	0	0	0.0%	19,283,810	20,167,032	-4.4%	0	36	-100.0%	142,090,063	156,356,349	-9.1%
Foreign Exchange Futures	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
Ag Products Futures	0	0	0.0%	2,858,991	2,902,599	-1.5%	0	4,710	-100.0%	22,692,384	26,056,561	-12.9%
TOTAL FUTURES	467,695	119,188	292.4%	172,731,412	172,569,215	0.1%	3,809,391	2,869,226	32.8%	1,432,716,945	1,472,265,338	-2.7%

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CME Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2021	Open Outcry SEP 2020	% CHG	ELEC SEP 2021	ELEC SEP 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%	18,722,574	15,035,387	24.5%	0	1,658,011	-100.0%	124,063,790	139,330,443	-11.0%
Interest Rate Options	11,360,216	4,005,714	183.6%	5,621,068	4,195,183	34.0%	116,560,194	67,645,971	72.3%	58,164,113	144,800,335	-59.8%
FX Options	0	0	0.0%	797,168	737,286	8.1%	0	4,673	-100.0%	6,233,539	8,008,296	-22.2%
Ag Products Options	0	0	0.0%	547,934	502,159	9.1%	0	111,590	-100.0%	4,164,186	5,413,959	-23.1%
Foreign Exchange Options	0	0	0.0%	49	469	-89.6%	0	0	0.0%	4,360	6,893	-36.7%
TOTAL OPTIONS	11,360,216	4,005,714	183.6%	25,688,793	20,470,484	25.5%	116,560,194	69,420,245	67.9%	192,629,988	297,559,926	-35.3%
TOTAL COMBINED												
Interest Rate	11,827,911	4,124,902	186.7%	51,524,250	32,697,633	57.6%	120,369,585	70,476,739	70.8%	509,078,102	557,585,455	-8.7%
Equity Index	0	0	0.0%	123,408,003	136,032,521	-9.3%	0	1,691,723	-100.0%	941,084,299	1,016,397,751	-7.4%
FX	0	0	0.0%	20,080,978	20,904,318	-3.9%	0	4,709	-100.0%	148,323,602	164,364,645	-9.8%
Foreign Exchange	0	0	0.0%	49	469	-89.6%	0	0	0.0%	4,360	6,893	-36.7%
Ag Products	0	0	0.0%	3,406,925	3,404,758	0.1%	0	116,300	-100.0%	26,856,570	31,470,520	-14.7%
GRAND TOTAL	11,827,911	4,124,902	186.7%	198,420,205	193,039,699	2.8%	120,369,585	72,289,471	66.5%	1,625,346,933	1,769,825,264	-8.2%

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