



CME Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2020	Open Outcry SEP 2019	% CHG	ELEC SEP 2020	ELEC SEP 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG
Interest Rate Futures												
1-MONTH EURODOLLAR	0	0	0.0%	8	9	-11.1%	0	0	0.0%	826	404	104.5%
EURODOLLARS	119,188	630,735	-81.1%	27,180,906	51,687,242	-47.4%	2,830,768	7,120,405	-60.2%	403,290,035	544,721,716	-26.0%
SOFR	0	0	0.0%	1,131,612	1,016,098	11.4%	0	0	0.0%	8,018,301	5,992,910	33.8%
SONIA	0	0	0.0%	189,924	165,858	14.5%	0	0	0.0%	1,475,958	1,618,270	-8.8%
Interest Rate Options												
EURODOLLARS	1,968,619	12,757,966	-84.6%	2,178,917	7,783,813	-72.0%	51,292,387	128,288,388	-60.0%	100,928,341	74,343,952	35.8%
EURO MIDCURVE	2,037,095	4,044,144	-49.6%	2,016,266	3,443,875	-41.5%	16,353,574	61,898,067	-73.6%	43,870,982	50,237,978	-12.7%
SOFR	0	-	-	0	-	-	10	-	-	1,012	-	-
Equity Index Futures												
BITCOIN FUTURES	0	0	0.0%	201,375	101,454	98.5%	0	0	0.0%	1,580,405	1,295,335	22.0%
E-MINI COM SERVICES SELEC	0	0	0.0%	6,208	4,633	34.0%	0	0	0.0%	22,503	24,730	-9.0%
E-mini FTSE 100 (USD)	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	336	-100.0%
E-mini FTSE China 50	0	0	0.0%	0	0	0.0%	0	0	0.0%	2	711	-99.7%
E-MINI MIDCAP	0	0	0.0%	487,148	422,925	15.2%	0	0	0.0%	3,396,792	3,060,282	11.0%
E-MINI NASDAQ 100	0	0	0.0%	16,080,698	9,521,636	68.9%	0	0	0.0%	112,544,837	90,348,006	24.6%
E-MINI RUSSELL 1000	0	0	0.0%	7,202	4,627	55.7%	0	0	0.0%	34,126	31,626	7.9%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	5,653	4,715	19.9%	0	0	0.0%	28,265	32,575	-13.2%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	12,937	11,187	15.6%	0	0	0.0%	55,327	68,157	-18.8%
E-MINI RUSSELL 2000	0	0	0.0%	4,999,987	4,109,954	21.7%	0	0	0.0%	39,232,642	27,906,279	40.6%
E-MINI S&P500	0	0	0.0%	49,926,461	35,205,790	41.8%	0	0	0.0%	398,694,529	304,267,517	31.0%
E-MINI S&P REAL ESTATE SEL	0	0	0.0%	5,832	6,615	-11.8%	0	0	0.0%	48,730	27,144	79.5%
FT-SE 100	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	372	-100.0%
FTSE Emerging	0	0	0.0%	45	2,637	-98.3%	0	0	0.0%	4,545	19,288	-76.4%
IBOVESPA INDEX	0	0	0.0%	147	956	-84.6%	0	0	0.0%	4,094	5,942	-31.1%
MICRO E-MINI NASDAQ 100	0	0	0.0%	22,193,044	3,702,224	499.5%	0	0	0.0%	122,781,960	20,691,712	493.4%
MICRO E-MINI RUSSELL 2000	0	0	0.0%	2,014,024	633,799	217.8%	0	0	0.0%	18,263,463	3,201,233	470.5%
MICRO E-MINI S&P500	0	0	0.0%	23,799,628	5,328,816	346.6%	0	0	0.0%	168,087,271	28,793,695	483.8%
NASDAQ BIOTECH	0	0	0.0%	463	937	-50.6%	0	0	0.0%	4,778	3,176	50.4%
Nearby BTIC+	0	-	-	0	-	-	0	-	-	200	-	-

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Equity Index Futures												
NIFTY 50	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	178,015	257,971	-31.0%	0	0	0.0%	1,867,328	2,035,974	-8.3%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	855,293	871,392	-1.8%	0	228	-100.0%	9,138,499	7,403,051	23.4%
S&P 500	0	49,102	-100.0%	205	2,264	-90.9%	33,712	215,538	-84.4%	19,282	14,565	32.4%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	18,225	6,133	197.2%	0	0	0.0%	212,650	84,801	150.8%
S&P 500/GI	0	0	0.0%	0	20	-100.0%	0	0	0.0%	0	60	-100.0%
S&P 500 QUARLY DIVIDEND IN	0	0	0.0%	90	260	-65.4%	0	0	0.0%	8,304	1,201	591.4%
S&P 600 SMALLCAP EMINI	0	0	0.0%	0	17	-100.0%	0	0	0.0%	0	17	-100.0%
S&P CONSUMER DSCRTNRY S	0	0	0.0%	13,814	10,016	37.9%	0	0	0.0%	63,572	63,320	0.4%
S&P CONSUMER STAPLES SE	0	0	0.0%	28,300	20,341	39.1%	0	0	0.0%	111,151	98,995	12.3%
S&P ENERGY SECTOR	0	0	0.0%	38,226	20,733	84.4%	0	0	0.0%	165,347	106,817	54.8%
S&P FINANCIAL SECTOR	0	0	0.0%	24,652	32,235	-23.5%	0	0	0.0%	160,079	168,893	-5.2%
S&P HEALTH CARE SECTOR	0	0	0.0%	21,229	19,369	9.6%	0	0	0.0%	116,561	101,161	15.2%
S&P INDUSTRIAL SECTOR	0	0	0.0%	18,045	15,234	18.5%	0	0	0.0%	81,299	74,079	9.7%
S&P MATERIALS SECTOR	0	0	0.0%	8,319	6,946	19.8%	0	0	0.0%	45,501	52,389	-13.1%
S&P TECHNOLOGY SECTOR	0	0	0.0%	22,962	13,615	68.7%	0	0	0.0%	98,137	89,846	9.2%
S&P UTILITIES SECTOR	0	0	0.0%	22,979	27,262	-15.7%	0	0	0.0%	130,562	150,922	-13.5%
S&P VALUE INDEX FUTURES	0	0	0.0%	0	24	-100.0%	0	0	0.0%	0	72	-100.0%
YEN DENOMINATED TOPIX	0	0	0.0%	5,928	18,655	-68.2%	0	0	0.0%	64,567	169,769	-62.0%

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Equity Index Options												
BITCOIN FUTURES	0	-	-	3,520	-	-	0	-	-	10,888	-	-
E-MINI NASDAQ 100	0	0	0.0%	496,096	183,264	170.7%	0	0	0.0%	3,120,855	1,894,249	64.8%
E-MINI RUSSELL 2000	0	0	0.0%	17,983	23,441	-23.3%	0	0	0.0%	160,725	132,623	21.2%
E-MINI S&P500	0	200	-100.0%	6,659,244	6,191,829	7.5%	250	600	-58.3%	67,765,785	49,042,465	38.2%
EOM E-MINI RUSSELL 2000 EN	0	0	0.0%	7,833	9,150	-14.4%	0	0	0.0%	77,024	81,175	-5.1%
EOM EMINI S&P	0	0	0.0%	1,949,797	1,656,695	17.7%	0	0	0.0%	18,391,994	17,690,898	4.0%
EOM S&P 500	0	72,441	-100.0%	1,640	0	0.0%	303,360	1,091,477	-72.2%	1,640	0	0.0%
EOW1 E-MINI RUSSELL 2000 W	0	0	0.0%	3,754	3,956	-5.1%	0	0	0.0%	42,172	31,976	31.9%
EOW1 EMINI S&P 500	0	0	0.0%	1,427,566	1,020,536	39.9%	0	0	0.0%	9,642,961	8,915,392	8.2%
EOW1 S&P 500	0	97,437	-100.0%	21,081	0	0.0%	157,788	634,339	-75.1%	21,495	0	0.0%
EOW2 E-MINI RUSSELL 2000 W	0	0	0.0%	4,594	7,069	-35.0%	0	0	0.0%	36,301	46,764	-22.4%
EOW2 EMINI S&P 500	0	0	0.0%	1,140,123	956,457	19.2%	0	0	0.0%	9,859,840	9,035,178	9.1%
EOW2 S&P 500	0	157,872	-100.0%	16,831	0	0.0%	252,530	1,137,568	-77.8%	16,888	0	0.0%
EOW3 E-MINI RUSSELL 2000 W	0	0	0.0%	10,336	25,267	-59.1%	0	0	0.0%	159,514	117,388	35.9%
EOW3 EMINI S&P 500	0	0	0.0%	1,807,661	1,873,687	-3.5%	0	0	0.0%	21,671,286	20,927,300	3.6%
EOW3 S&P 500	0	58,476	-100.0%	18,336	0	0.0%	266,271	1,111,614	-76.0%	18,602	0	0.0%
EOW4 E-MINI RUSSELL 2000 W	0	0	0.0%	3,829	4,619	-17.1%	0	0	0.0%	31,535	30,071	4.9%
EOW4 EMINI S&P 500	0	0	0.0%	1,370,387	938,427	46.0%	0	0	0.0%	8,218,331	7,806,465	5.3%
EOW4 S&P 500	0	-	-	38,406	-	-	0	-	-	38,816	-	-
MICRO E-MINI NASDAQ 100	0	-	-	2,712	-	-	0	-	-	2,763	-	-
MICRO E-MINI S&P500	0	-	-	33,258	-	-	0	-	-	33,515	-	-
S&P 500	0	282,369	-100.0%	400	0	0.0%	677,812	2,140,720	-68.3%	7,513	0	0.0%
FX Futures												
AD/CD CROSS RATES	0	0	0.0%	3	16	-81.3%	0	0	0.0%	80	133	-39.8%
AD/JY CROSS RATES	0	0	0.0%	1,830	1,798	1.8%	0	0	0.0%	23,658	24,609	-3.9%
AD/NE CROSS RATES	0	0	0.0%	212	399	-46.9%	0	0	0.0%	2,605	1,284	102.9%
AUSTRALIAN DOLLAR	0	0	0.0%	2,412,955	2,103,582	14.7%	0	0	0.0%	19,623,823	18,997,885	3.3%
BP/JY CROSS RATES	0	0	0.0%	3,189	5,915	-46.1%	0	0	0.0%	29,734	28,449	4.5%
BP/SF CROSS RATES	0	0	0.0%	369	252	46.4%	0	0	0.0%	3,902	3,714	5.1%
BRAZIL REAL	0	0	0.0%	203,149	135,291	50.2%	0	0	0.0%	1,736,769	1,143,892	51.8%
BRITISH POUND	0	3	-100.0%	2,931,860	3,168,766	-7.5%	0	3	-100.0%	20,228,047	22,056,640	-8.3%

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FX Futures												
CANADIAN DOLLAR	0	0	0.0%	1,887,510	1,930,683	-2.2%	0	3	-100.0%	14,626,086	14,776,756	-1.0%
CD/JY CROSS RATES	0	0	0.0%	7	1	600.0%	0	0	0.0%	375	127	195.3%
CHINESE RENMINBI (CNH)	0	0	0.0%	27,074	34,786	-22.2%	0	0	0.0%	173,514	254,806	-31.9%
CZECK KORUNA (EC)	0	0	0.0%	2	12	-83.3%	0	0	0.0%	26	30	-13.3%
CZECK KORUNA (US)	0	0	0.0%	1	0	0.0%	0	0	0.0%	1	0	0.0%
EC/AD CROSS RATES	0	0	0.0%	8,760	6,888	27.2%	0	0	0.0%	56,717	42,652	33.0%
EC/CD CROSS RATES	0	0	0.0%	8,040	7,110	13.1%	0	0	0.0%	42,340	30,100	40.7%
EC/NOK CROSS RATES	0	0	0.0%	355	384	-7.6%	0	0	0.0%	1,757	4,422	-60.3%
EC/SEK CROSS RATES	0	0	0.0%	1,136	1,516	-25.1%	0	0	0.0%	5,726	6,305	-9.2%
EFX/BP CROSS RATES	0	0	0.0%	101,164	145,865	-30.6%	0	0	0.0%	628,969	848,681	-25.9%
EFX/JY CROSS RATES	0	0	0.0%	74,992	126,224	-40.6%	0	0	0.0%	547,183	618,453	-11.5%
EFX/SF CROSS RATES	0	0	0.0%	32,303	60,131	-46.3%	0	0	0.0%	338,337	320,581	5.5%
E-MINI EURO FX	0	0	0.0%	203,084	109,376	85.7%	0	0	0.0%	1,431,340	881,253	62.4%
E-MINI JAPANESE YEN	0	0	0.0%	9,730	21,019	-53.7%	0	0	0.0%	202,842	151,426	34.0%
EURO FX	0	3	-100.0%	5,835,258	5,661,531	3.1%	36	60	-40.0%	42,226,147	39,617,280	6.6%
HUNGARIAN FORINT (EC)	0	0	0.0%	0	0	0.0%	0	0	0.0%	9	0	0.0%
HUNGARIAN FORINT (US)	0	0	0.0%	27	1	2,600.0%	0	0	0.0%	100	9	1,011.1%
INDIAN RUPEE	0	0	0.0%	23,154	80,493	-71.2%	0	0	0.0%	238,275	652,663	-63.5%
JAPANESE YEN	0	0	0.0%	2,063,872	2,983,670	-30.8%	0	2	-100.0%	22,460,154	24,572,811	-8.6%
KOREAN WON	0	0	0.0%	633	392	61.5%	0	0	0.0%	5,028	2,731	84.1%
MEXICAN PESO	0	0	0.0%	1,603,640	1,375,714	16.6%	0	0	0.0%	10,831,072	11,473,436	-5.6%
MICRO AUD/USD	0	0	0.0%	264,283	67,895	289.3%	0	0	0.0%	2,249,886	961,239	134.1%
MICRO CAD/USD	0	0	0.0%	38,375	16,522	132.3%	0	0	0.0%	263,131	154,346	70.5%
MICRO CHF/USD	0	0	0.0%	7,637	3,795	101.2%	0	0	0.0%	35,664	25,860	37.9%
MICRO EUR/USD	0	0	0.0%	693,342	201,254	244.5%	0	0	0.0%	4,451,974	2,159,266	106.2%
MICRO GBP/USD	0	0	0.0%	137,954	53,918	155.9%	0	0	0.0%	599,715	396,919	51.1%
MICRO INR/USD	0	0	0.0%	1,688	4,812	-64.9%	0	0	0.0%	20,041	45,002	-55.5%
MICRO JPY/USD	0	0	0.0%	24,714	25,717	-3.9%	0	0	0.0%	269,350	262,337	2.7%
NEW ZEALND DOLLAR	0	0	0.0%	660,873	628,578	5.1%	0	0	0.0%	5,733,048	5,226,688	9.7%
NKR/USD CROSS RATE	0	0	0.0%	5,811	7,251	-19.9%	0	0	0.0%	43,469	43,412	0.1%
POLISH ZLOTY (EC)	0	0	0.0%	117	22	431.8%	0	0	0.0%	576	440	30.9%
POLISH ZLOTY (US)	0	0	0.0%	1,560	160	875.0%	0	0	0.0%	7,517	940	699.7%
RMB USD	0	0	0.0%	0	1	-100.0%	0	0	0.0%	4	7	-42.9%
RUSSIAN RUBLE	0	0	0.0%	135,768	151,524	-10.4%	0	0	0.0%	1,036,999	676,001	53.4%
S.AFRICAN RAND	0	0	0.0%	110,718	79,763	38.8%	0	0	0.0%	730,269	454,692	60.6%

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FX Futures												
SF/JY CROSS RATES	0	0	0.0%	2	4	-50.0%	0	0	0.0%	230	11	1,990.9%
SHEKEL	0	0	0.0%	11	0	0.0%	0	0	0.0%	105	0	0.0%
SKR/USD CROSS RATES	0	0	0.0%	6,380	4,641	37.5%	0	0	0.0%	35,838	24,493	46.3%
SWISS FRANC	0	0	0.0%	643,454	724,421	-11.2%	0	0	0.0%	5,413,829	5,136,404	5.4%
TURKISH LIRA	0	0	0.0%	36	8	350.0%	0	0	0.0%	88	68	29.4%
USDZAR	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	20	-100.0%
FX Options												
AUD/USD MONDAY OPTION W	0	-	-	611	-	-	0	-	-	3,387	-	-
AUD/USD MONDAY OPTION W	0	-	-	180	-	-	0	-	-	1,672	-	-
AUD/USD MONDAY OPTION W	0	-	-	36	-	-	0	-	-	2,326	-	-
AUD/USD MONDAY OPTION W	0	-	-	548	-	-	0	-	-	1,714	-	-
AUD/USD MONDAY OPTION W	0	-	-	0	-	-	0	-	-	722	-	-
AUD/USD MONTHLY OPTIONS	0	0	0.0%	55,285	72,234	-23.5%	0	0	0.0%	676,930	613,503	10.3%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,245	0	0.0%	0	0	0.0%	5,398	14,616	-63.1%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	851	5,858	-85.5%	0	0	0.0%	37,913	53,419	-29.0%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,202	3,945	-44.2%	0	0	0.0%	34,059	56,015	-39.2%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,657	4,091	-10.6%	0	0	0.0%	37,531	60,421	-37.9%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	635	0	0.0%	0	0	0.0%	13,238	16,035	-17.4%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	1,013	1,571	-35.5%	0	0	0.0%	11,544	15,574	-25.9%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	383	1,273	-69.9%	0	0	0.0%	12,425	16,139	-23.0%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	193	881	-78.1%	0	0	0.0%	7,402	7,112	4.1%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	610	1,723	-64.6%	0	0	0.0%	12,084	11,787	2.5%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	1,472	0	0.0%	0	0	0.0%	5,691	3,824	48.8%
BRITISH POUND (EU)	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
BRL/USD MONTHLY OPTIONS	0	0	0.0%	12	260	-95.4%	0	0	0.0%	675	396	70.5%
CAD/USD MONDAY OPTIONS	0	-	-	86	-	-	0	-	-	2,445	-	-
CAD/USD MONDAY OPTIONS	0	-	-	200	-	-	0	-	-	1,564	-	-
CAD/USD MONDAY OPTIONS	0	-	-	881	-	-	0	-	-	5,609	-	-
CAD/USD MONDAY OPTIONS	0	-	-	129	-	-	0	-	-	4,642	-	-
CAD/USD MONDAY OPTIONS	0	-	-	0	-	-	0	-	-	3,085	-	-
CAD/USD MONTHLY OPTIONS	0	42	-100.0%	32,175	46,479	-30.8%	430	909	-52.7%	441,504	466,695	-5.4%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	5,447	41	13,185.4%	0	0	0.0%	11,477	27,013	-57.5%

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FX Options												
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	5,588	7,035	-20.6%	0	0	0.0%	63,244	61,417	3.0%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	5,458	8,353	-34.7%	0	0	0.0%	56,956	83,753	-32.0%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	6,697	6,140	9.1%	0	0	0.0%	63,255	88,685	-28.7%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	113	0	0.0%	0	0	0.0%	25,385	23,565	7.7%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	323	990	-67.4%	0	0	0.0%	20,377	25,476	-20.0%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,096	3,788	-71.1%	0	0	0.0%	15,951	29,948	-46.7%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	707	3,323	-78.7%	0	0	0.0%	16,663	27,681	-39.8%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	932	1,837	-49.3%	0	0	0.0%	21,279	23,929	-11.1%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	469	0	0.0%	0	0	0.0%	8,199	7,133	14.9%
CANADIAN DOLLAR (EU)	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	3,771	2,854	32.1%	0	0	0.0%	29,999	20,432	46.8%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	102	50	104.0%	0	0	0.0%	139	167	-16.8%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	3	219	-98.6%	0	0	0.0%	1,505	2,056	-26.8%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	25	229	-89.1%	0	0	0.0%	1,029	1,648	-37.6%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	555	218	154.6%	0	0	0.0%	1,432	993	44.2%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.0%	0	0	0.0%	906	613	47.8%
EUR/GBP MONTHLY OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	74	-100.0%
EUR/JPY MONTHLY OPTIONS	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EURO FX (EU)	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EUR/USD MONDAY OPTION W	0	-	-	1,033	-	-	0	-	-	12,242	-	-
EUR/USD MONDAY OPTION W	0	-	-	4,395	-	-	0	-	-	11,719	-	-
EUR/USD MONDAY OPTION W	0	-	-	1,643	-	-	0	-	-	18,974	-	-
EUR/USD MONDAY OPTION W	0	-	-	2,757	-	-	0	-	-	19,336	-	-
EUR/USD MONDAY OPTION W	0	-	-	0	-	-	0	-	-	7,186	-	-
EUR/USD MONTHLY OPTIONS	0	236	-100.0%	207,323	366,303	-43.4%	1,550	9,004	-82.8%	2,578,857	3,348,291	-23.0%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	16,462	103	15,882.5%	0	0	0.0%	27,537	86,090	-68.0%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	14,066	38,828	-63.8%	62	0	0.0%	180,169	247,432	-27.2%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	18,510	36,360	-49.1%	0	0	0.0%	192,396	274,634	-29.9%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	20,531	24,602	-16.5%	0	0	0.0%	201,301	323,163	-37.7%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,269	0	0.0%	0	0	0.0%	63,114	80,249	-21.4%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	8,997	14,328	-37.2%	0	0	0.0%	86,620	120,635	-28.2%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	6,418	12,280	-47.7%	0	0	0.0%	74,696	117,643	-36.5%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	6,222	20,681	-69.9%	0	0	0.0%	73,417	115,932	-36.7%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	7,615	14,658	-48.0%	0	0	0.0%	69,044	122,947	-43.8%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	10,836	0	0.0%	0	0	0.0%	34,150	29,955	14.0%

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FX Options												
GBP/USD MONDAY OPTION W	0	-	-	1,492	-	-	0	-	-	5,163	-	-
GBP/USD MONDAY OPTION W	0	-	-	529	-	-	0	-	-	3,175	-	-
GBP/USD MONDAY OPTION W	0	-	-	80	-	-	0	-	-	4,413	-	-
GBP/USD MONDAY OPTION W	0	-	-	990	-	-	0	-	-	6,585	-	-
GBP/USD MONDAY OPTION W	0	-	-	0	-	-	0	-	-	1,435	-	-
GBP/USD MONTHLY OPTIONS	0	48	-100.0%	105,464	134,100	-21.4%	64	872	-92.7%	771,133	1,087,534	-29.1%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,321	32	13,403.1%	0	0	0.0%	8,058	23,932	-66.3%
GBP/USD WKLY FRIDAY OPTIC	0	16	-100.0%	1,790	6,836	-73.8%	0	16	-100.0%	33,169	56,032	-40.8%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	5,464	6,365	-14.2%	0	0	0.0%	34,425	63,251	-45.6%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,979	4,499	-56.0%	0	0	0.0%	29,672	60,177	-50.7%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,034	0	0.0%	0	0	0.0%	12,820	25,313	-49.4%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	982	958	2.5%	0	0	0.0%	14,555	20,525	-29.1%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,255	1,514	-17.1%	0	0	0.0%	8,637	21,969	-60.7%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	2,864	1,097	161.1%	0	0	0.0%	15,113	23,654	-36.1%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,140	1,637	-30.4%	0	0	0.0%	11,682	20,873	-44.0%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,646	0	0.0%	0	0	0.0%	7,180	7,357	-2.4%
JAPANESE YEN (EU)	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
JPY/USD MONDAY OPTION WE	0	-	-	1,641	-	-	0	-	-	7,600	-	-
JPY/USD MONDAY OPTION WE	0	-	-	457	-	-	0	-	-	10,580	-	-
JPY/USD MONDAY OPTION WE	0	-	-	1,020	-	-	0	-	-	7,382	-	-
JPY/USD MONDAY OPTION WE	0	-	-	833	-	-	0	-	-	3,946	-	-
JPY/USD MONDAY OPTION WE	0	-	-	0	-	-	0	-	-	2,653	-	-
JPY/USD MONTHLY OPTIONS	0	30	-100.0%	75,176	124,325	-39.5%	727	193	276.7%	1,102,893	1,271,437	-13.3%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	11,151	0	0.0%	0	0	0.0%	16,840	44,503	-62.2%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	7,245	11,079	-34.6%	0	0	0.0%	104,129	90,144	15.5%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	10,821	16,254	-33.4%	0	0	0.0%	113,922	131,647	-13.5%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	10,533	9,268	13.6%	0	0	0.0%	105,800	128,723	-17.8%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	1,692	0	0.0%	0	0	0.0%	38,571	46,282	-16.7%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,286	7,813	-70.7%	0	0	0.0%	46,221	42,066	9.9%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	1,762	4,613	-61.8%	0	0	0.0%	36,879	38,087	-3.2%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,821	6,161	-54.2%	0	0	0.0%	43,194	36,453	18.5%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	2,247	4,450	-49.5%	0	0	0.0%	46,001	39,156	17.5%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	3,427	0	0.0%	0	0	0.0%	12,418	7,723	60.8%
MXN/USD MONTHLY OPTIONS	0	0	0.0%	2,963	809	266.3%	1,840	900	104.4%	14,205	12,285	15.6%
MXN/USD WKLY FRIDAY OPTI	0	-	-	4,413	-	-	0	-	-	4,413	-	-

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FX Options												
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	139	0	0.0%	0	0	0.0%	1,748	429	307.5%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,898	1,103	72.1%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	750	0	0.0%	0	0	0.0%	2,350	329	614.3%
MXN/USD WKLY FRIDAY OPTI	0	-	-	0	-	-	0	-	-	152	-	-
NZD/USD MONTHLY OPTIONS	0	0	0.0%	19	1,652	-98.8%	0	0	0.0%	4,654	4,975	-6.5%
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%	50	120	-58.3%
NZD/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	206	-100.0%
NZD/USD WKLY FRIDAY OPTIO	0	-	-	0	-	-	0	-	-	375	-	-
NZD/USD WKLY FRIDAY OPTIO	0	-	-	0	-	-	0	-	-	0	-	-
RUB/USD MONTHLY OPTIONS	0	-	-	93	-	-	0	-	-	93	-	-
Foreign Exchange Futures												
CHILEAN PESO	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Foreign Exchange Options												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	469	560	-16.3%	0	0	0.0%	6,893	7,063	-2.4%

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Ag Products Futures												
BUTTER CS	0	0	0.0%	3,331	3,483	-4.4%	0	0	0.0%	50,258	36,246	38.7%
CASH-SETTLED CHEESE	0	0	0.0%	9,861	10,073	-2.1%	0	0	0.0%	118,242	99,212	19.2%
CAT ASIA WEATHER	0	-	-	0	-	-	0	-	-	0	-	-
CATTLE	0	1,152	-100.0%	1,330,828	1,536,153	-13.4%	2,592	10,948	-76.3%	12,761,831	13,074,841	-2.4%
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%	50	25	100.0%
CLASS IV MILK	0	0	0.0%	1,580	2,576	-38.7%	65	158	-58.9%	21,357	21,523	-0.8%
DRY WHEY	0	0	0.0%	831	956	-13.1%	0	0	0.0%	12,488	10,931	14.2%
FEEDER CATTLE	0	0	0.0%	267,000	301,660	-11.5%	54	178	-69.7%	2,470,304	2,847,150	-13.2%
GOLDMAN SACHS	0	0	0.0%	12,674	27,240	-53.5%	0	0	0.0%	137,826	255,014	-46.0%
GSCI EXCESS RETURN FUT	0	0	0.0%	41	334	-87.7%	0	0	0.0%	85	334	-74.6%
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%	25	0	0.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HOGS	0	1,200	-100.0%	1,233,413	1,454,663	-15.2%	1,940	15,135	-87.2%	9,969,071	12,224,285	-18.4%
HOUSING INDEX	0	0	0.0%	17	18	-5.6%	0	0	0.0%	260	109	138.5%
LUMBER	0	0	0.0%	10,839	10,058	7.8%	0	0	0.0%	124,486	123,264	1.0%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MILK	0	2	-100.0%	26,834	34,943	-23.2%	59	262	-77.5%	316,340	233,014	35.8%
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%	5,350	5,925	-9.7%	0	19	-100.0%	73,938	56,690	30.4%
PACIFIC RIM DAT SS WTHR	0	-	-	0	-	-	0	-	-	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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Ag Products Options												
BUTTER CS	0	270	-100.0%	1,496	1,408	6.3%	212	4,464	-95.3%	27,349	24,903	9.8%
CASH-SETTLED CHEESE	0	1,940	-100.0%	7,934	6,976	13.7%	7,734	15,011	-48.5%	103,157	71,883	43.5%
CATTLE	0	30,669	-100.0%	158,881	198,675	-20.0%	59,913	230,977	-74.1%	2,022,471	1,583,666	27.7%
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%
CLASS IV MILK	0	123	-100.0%	1,254	2,345	-46.5%	1,082	3,532	-69.4%	43,720	30,866	41.6%
DRY WHEY	0	25	-100.0%	88	732	-88.0%	119	735	-83.8%	4,240	6,555	-35.3%
FEEDER CATTLE	0	1,945	-100.0%	16,500	19,922	-17.2%	4,252	19,021	-77.6%	227,237	262,121	-13.3%
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%
HOGS	0	29,038	-100.0%	287,237	305,608	-6.0%	34,430	282,790	-87.8%	2,493,839	3,048,279	-18.2%
HOUSING INDEX	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	7	-100.0%
LUMBER	0	0	0.0%	644	998	-35.5%	0	70	-100.0%	8,258	15,853	-47.9%
LV CATL CSO	0	50	-100.0%	0	0	0.0%	0	529	-100.0%	0	0	0.0%
MILK	0	1,310	-100.0%	23,809	39,431	-39.6%	3,323	20,418	-83.7%	424,436	321,201	32.1%
MLK MID OPTIONS	0	4	-100.0%	0	0	0.0%	31	24	29.2%	86	194	-55.7%
NFD MILK	0	271	-100.0%	4,316	2,313	86.6%	494	1,819	-72.8%	59,166	49,375	19.8%
TOTAL FUTURES GROUP												
Interest Rate Futures	119,188	630,735	-81.1%	28,502,450	52,869,207	-46.1%	2,830,768	7,120,405	-60.2%	412,785,120	552,333,300	-25.3%
Equity Index Futures	0	49,102	-100.0%	120,997,134	60,385,392	100.4%	33,712	215,766	-84.4%	877,067,308	490,394,048	78.8%
FX Futures	0	6	-100.0%	20,167,032	19,932,101	1.2%	36	68	-47.1%	156,356,349	152,079,273	2.8%
Foreign Exchange Futures	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Ag Products Futures	0	2,354	-100.0%	2,902,599	3,388,082	-14.3%	4,710	26,700	-82.4%	26,056,561	28,982,638	-10.1%
TOTAL FUTURES	119,188	682,197	-82.5%	172,569,215	136,574,782	26.4%	2,869,226	7,362,939	-61.0%	1,472,265,338	1,223,789,259	20.3%



CME Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2020	Open Outcry SEP 2019	% CHG	ELEC SEP 2020	ELEC SEP 2019	% CHG	Open Outcry Y.T.D 2020	Open Outcry Y.T.D 2019	% CHG	ELEC Y.T.D 2020	ELEC Y.T.D 2019	% CHG
TOTAL OPTIONS GROUP												
Equity Index Options	0	668,795	-100.0%	15,035,387	12,894,397	16.6%	1,658,011	6,116,318	-72.9%	139,330,443	115,751,944	20.4%
Interest Rate Options	4,005,714	16,802,110	-76.2%	4,195,183	11,227,688	-62.6%	67,645,971	190,186,455	-64.4%	144,800,335	124,581,930	16.2%
FX Options	0	372	-100.0%	737,286	1,044,997	-29.4%	4,673	11,894	-60.7%	8,008,296	9,933,375	-19.4%
Ag Products Options	0	65,645	-100.0%	502,159	578,408	-13.2%	111,590	579,390	-80.7%	5,413,959	5,414,903	0.0%
Foreign Exchange Options	0	0	0.0%	469	560	-16.3%	0	0	0.0%	6,893	7,063	-2.4%
TOTAL OPTIONS	4,005,714	17,536,922	-77.2%	20,470,484	25,746,050	-20.5%	69,420,245	196,894,057	-64.7%	297,559,926	255,689,215	16.4%
TOTAL COMBINED												
Interest Rate	4,124,902	17,432,845	-76.3%	32,697,633	64,096,895	-49.0%	70,476,739	197,306,860	-64.3%	557,585,455	676,915,230	-17.6%
Equity Index	0	717,897	-100.0%	136,032,521	73,279,789	85.6%	1,691,723	6,332,084	-73.3%	1,016,397,751	606,145,992	67.7%
FX	0	378	-100.0%	20,904,318	20,977,098	-0.3%	4,709	11,962	-60.6%	164,364,645	162,012,648	1.5%
Foreign Exchange	0	0	0.0%	469	560	-16.3%	0	0	0.0%	6,893	7,063	-2.4%
Ag Products	0	67,999	-100.0%	3,404,758	3,966,490	-14.2%	116,300	606,090	-80.8%	31,470,520	34,397,541	-8.5%
GRAND TOTAL	4,124,902	18,219,119	-77.4%	193,039,699	162,320,832	18.9%	72,289,471	204,256,996	-64.6%	1,769,825,264	1,479,478,474	19.6%

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