

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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CME Exchange Volume Comparison Report - Monthly

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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%

The information herein is taken from source believed to be reliable. However, it is intended for the purposes of information and education only and is not guaranteed by the CME Group as to accuracy, completeness, nor trading results and does not constitute advice or continue a solicitation of the purchase or sale of any futures or options. The Rules and Regulations of the CME Group should be consulted as the authoritative source on all current contract specifications and regulations. The previous year Average Daily Volume (ADV) may slightly differ for CBOT legacy products based on the way CME Group defines the number of trading days. The open interest values are based on preliminary open interest values only.

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%