

## CME Exchange Volume Comparison Report - Monthly

	Open Outcry MAR 2020	Open Outcry MAR 2019	% CHG	ELEC MAR 2020	ELEC MAR 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
<b>Interest Rate Futures</b>												
1-MONTH EURODOLLAR	0	0	0.0%	89	50	78.0%	0	0	0.0%	111	115	-3.5%
EURODOLLARS	1,371,494	682,846	100.8%	105,383,306	67,703,928	55.7%	2,619,681	2,126,540	23.2%	217,072,513	172,121,837	26.1%
SOFR	0	0	0.0%	1,273,969	782,170	62.9%	0	0	0.0%	3,279,124	1,722,014	90.4%
SONIA	0	0	0.0%	3,136	168,036	-98.1%	0	0	0.0%	408,076	460,866	-11.5%
<b>Interest Rate Options</b>												
EURODOLLARS	17,393,038	14,329,698	21.4%	27,035,777	7,759,714	248.4%	48,129,596	37,812,019	27.3%	52,550,747	19,050,274	175.9%
EURO MIDCURVE	3,678,372	7,320,311	-49.8%	5,990,892	5,924,411	1.1%	12,810,071	23,123,913	-44.6%	14,917,189	16,700,038	-10.7%
SOFR	0	-	-	235	-	-	10	-	-	265	-	-
<b>Equity Index Futures</b>												
BITCOIN FUTURES	0	0	0.0%	164,917	75,167	119.4%	0	0	0.0%	583,794	266,514	119.0%
E-MINI COM SERVICES SELEC	0	0	0.0%	5,261	6,188	-15.0%	0	0	0.0%	8,099	11,670	-30.6%
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	52	-100.0%	0	0	0.0%	0	693	-100.0%
E-MINI MIDCAP	0	0	0.0%	728,254	504,307	44.4%	0	0	0.0%	1,405,530	1,080,656	30.1%
E-MINI NASDAQ 100	0	0	0.0%	17,327,196	10,745,074	61.3%	0	0	0.0%	44,785,741	29,232,193	53.2%
E-MINI RUSSELL 1000	0	0	0.0%	11,811	4,022	193.7%	0	0	0.0%	17,545	8,906	97.0%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	7,521	4,279	75.8%	0	0	0.0%	11,706	7,405	58.1%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	8,265	11,914	-30.6%	0	0	0.0%	17,113	23,888	-28.4%
E-MINI RUSSELL 2000	0	0	0.0%	6,962,822	4,009,970	73.6%	0	0	0.0%	13,808,636	8,837,934	56.2%
E-MINI S&P500	0	0	0.0%	78,292,256	38,473,212	103.5%	0	0	0.0%	160,760,105	97,589,494	64.7%
E-MINI S&P REAL ESTATE SEL	0	0	0.0%	14,202	3,778	275.9%	0	0	0.0%	33,281	9,436	252.7%
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%	828	1,926	-57.0%	0	0	0.0%	4,291	6,796	-36.9%
IBOVESPA INDEX	0	0	0.0%	451	508	-11.2%	0	0	0.0%	2,115	2,293	-7.8%
MICRO E-MINI NASDAQ 100	0	-	-	18,682,574	-	-	0	-	-	33,882,205	-	-
MICRO E-MINI RUSSELL 2000	0	-	-	2,723,180	-	-	0	-	-	4,863,844	-	-
MICRO E-MINI S&P500	0	-	-	25,105,613	-	-	0	-	-	42,611,918	-	-
NASDAQ BIOTECH	0	0	0.0%	1,175	244	381.6%	0	0	0.0%	2,627	326	705.8%
Nearby BTIC+	0	-	-	0	-	-	0	-	-	200	-	-

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<b>Equity Index Futures</b>												
NIFTY 50	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	438,195	290,565	50.8%	0	0	0.0%	985,571	665,226	48.2%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	2,355,068	842,475	179.5%	0	228	-100.0%	4,643,120	2,166,810	114.3%
S&P 500	24,201	61,518	-60.7%	8,131	1,387	486.2%	33,712	79,048	-57.4%	12,039	4,704	155.9%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	59,118	10,731	450.9%	0	0	0.0%	95,004	29,331	223.9%
S&P 500/GI	0	0	0.0%	0	20	-100.0%	0	0	0.0%	0	20	-100.0%
S&P 500 QUARLY DIVIDEND IN	0	0	0.0%	1,431	281	409.3%	0	0	0.0%	2,151	341	530.8%
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%	18,268	7,870	132.1%	0	0	0.0%	30,970	27,074	14.4%
S&P CONSUMER STAPLES SE	0	0	0.0%	17,637	18,164	-2.9%	0	0	0.0%	35,589	37,392	-4.8%
S&P ENERGY SECTOR	0	0	0.0%	38,490	21,876	75.9%	0	0	0.0%	66,509	46,351	43.5%
S&P FINANCIAL SECTOR	0	0	0.0%	39,538	16,600	138.2%	0	0	0.0%	70,384	43,686	61.1%
S&P HEALTH CARE SECTOR	0	0	0.0%	36,024	15,638	130.4%	0	0	0.0%	54,996	37,371	47.2%
S&P INDUSTRIAL SECTOR	0	0	0.0%	19,019	8,454	125.0%	0	0	0.0%	34,473	28,672	20.2%
S&P MATERIALS SECTOR	0	0	0.0%	7,647	9,264	-17.5%	0	0	0.0%	18,354	20,894	-12.2%
S&P TECHNOLOGY SECTOR	0	0	0.0%	26,240	12,036	118.0%	0	0	0.0%	45,700	40,429	13.0%
S&P UTILITIES SECTOR	0	0	0.0%	33,693	25,729	31.0%	0	0	0.0%	61,862	60,418	2.4%
S&P VALUE INDEX FUTURES	0	0	0.0%	0	24	-100.0%	0	0	0.0%	0	24	-100.0%
YEN DENOMINATED TOPIX	0	0	0.0%	10,311	21,518	-52.1%	0	0	0.0%	29,238	32,346	-9.6%

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<b>Equity Index Options</b>												
BITCOIN FUTURES	0	-	-	201	-	-	0	-	-	739	-	-
E-MINI NASDAQ 100	0	0	0.0%	336,149	185,126	81.6%	0	0	0.0%	1,236,780	613,923	101.5%
E-MINI RUSSELL 2000	0	0	0.0%	21,536	10,849	98.5%	0	0	0.0%	64,261	32,074	100.4%
E-MINI S&P500	250	0	0.0%	15,085,764	4,922,171	206.5%	250	0	0.0%	30,739,524	13,477,404	128.1%
EOM E-MINI RUSSELL 2000 EN	0	0	0.0%	7,774	14,170	-45.1%	0	0	0.0%	24,316	20,338	19.6%
EOM EMINI S&P	0	0	0.0%	2,268,253	1,988,523	14.1%	0	0	0.0%	8,749,434	5,276,541	65.8%
EOM S&P 500	6,743	142,364	-95.3%	0	0	0.0%	303,360	379,013	-20.0%	0	0	0.0%
EOW1 E-MINI RUSSELL 2000 W	0	0	0.0%	9,598	4,137	132.0%	0	0	0.0%	22,808	6,380	257.5%
EOW1 EMINI S&P 500	0	0	0.0%	1,584,169	597,072	165.3%	0	0	0.0%	4,137,538	2,314,447	78.8%
EOW1 S&P 500	46,013	22,840	101.5%	0	0	0.0%	157,788	190,632	-17.2%	0	0	0.0%
EOW2 E-MINI RUSSELL 2000 W	0	0	0.0%	1,516	4,283	-64.6%	0	0	0.0%	12,230	6,982	75.2%
EOW2 EMINI S&P 500	0	0	0.0%	1,473,529	934,682	57.7%	0	0	0.0%	3,893,746	2,790,176	39.6%
EOW2 S&P 500	63,729	108,285	-41.1%	0	0	0.0%	252,530	432,519	-41.6%	0	0	0.0%
EOW3 E-MINI RUSSELL 2000 W	0	0	0.0%	26,571	11,168	137.9%	0	0	0.0%	75,111	23,324	222.0%
EOW3 EMINI S&P 500	0	0	0.0%	3,927,053	1,983,287	98.0%	0	0	0.0%	9,351,039	7,156,857	30.7%
EOW3 S&P 500	26,678	54,355	-50.9%	0	0	0.0%	266,271	432,692	-38.5%	0	0	0.0%
EOW4 E-MINI RUSSELL 2000 W	0	0	0.0%	1,775	5,153	-65.6%	0	0	0.0%	7,704	8,645	-10.9%
EOW4 EMINI S&P 500	0	0	0.0%	1,099,604	1,087,485	1.1%	0	0	0.0%	2,167,271	3,020,004	-28.2%
S&P 500	152,691	276,585	-44.8%	2,440	0	0.0%	677,812	754,806	-10.2%	2,440	0	0.0%
	0	-	-	169	-	-	0	-	-	471	-	-
<b>FX Futures</b>												
AD/CD CROSS RATES	0	0	0.0%	13	17	-23.5%	0	0	0.0%	33	52	-36.5%
AD/JY CROSS RATES	0	0	0.0%	5,513	2,282	141.6%	0	0	0.0%	9,934	7,145	39.0%
AD/NE CROSS RATES	0	0	0.0%	876	125	600.8%	0	0	0.0%	1,443	132	993.2%
AUSTRALIAN DOLLAR	0	0	0.0%	3,284,692	2,268,426	44.8%	0	0	0.0%	7,703,899	6,463,496	19.2%
BP/JY CROSS RATES	0	0	0.0%	6,858	2,892	137.1%	0	0	0.0%	11,859	6,132	93.4%
BP/SF CROSS RATES	0	0	0.0%	1,203	401	200.0%	0	0	0.0%	1,934	1,153	67.7%
BRAZIL REAL	0	0	0.0%	249,115	124,695	99.8%	0	0	0.0%	607,242	299,923	102.5%
BRITISH POUND	0	0	0.0%	3,508,015	3,346,492	4.8%	0	0	0.0%	7,738,509	7,866,501	-1.6%
CANADIAN DOLLAR	0	0	0.0%	2,718,362	1,859,130	46.2%	0	3	-100.0%	5,995,303	4,625,023	29.6%
CD/JY CROSS RATES	0	0	0.0%	139	16	768.8%	0	0	0.0%	216	18	1,100.0%
CHINESE RENMINBI (CNH)	0	0	0.0%	29,261	20,530	42.5%	0	0	0.0%	65,753	78,389	-16.1%

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<b>FX Futures</b>												
CZECK KORUNA (EC)	0	0	0.0%	9	4	125.0%	0	0	0.0%	14	10	40.0%
CZECK KORUNA (US)	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EC/AD CROSS RATES	0	0	0.0%	13,118	9,699	35.3%	0	0	0.0%	26,844	13,435	99.8%
EC/CD CROSS RATES	0	0	0.0%	13,469	7,152	88.3%	0	0	0.0%	16,758	8,721	92.2%
EC/NOK CROSS RATES	0	0	0.0%	158	979	-83.9%	0	0	0.0%	416	1,290	-67.8%
EC/SEK CROSS RATES	0	0	0.0%	1,729	1,258	37.4%	0	0	0.0%	2,609	1,808	44.3%
EFX/BP CROSS RATES	0	0	0.0%	168,821	156,788	7.7%	0	0	0.0%	283,263	293,846	-3.6%
EFX/JY CROSS RATES	0	0	0.0%	146,343	138,984	5.3%	0	0	0.0%	259,659	209,267	24.1%
EFX/SF CROSS RATES	0	0	0.0%	93,959	46,541	101.9%	0	0	0.0%	144,368	84,288	71.3%
E-MINI EURO FX	0	0	0.0%	307,874	124,814	146.7%	0	0	0.0%	451,615	280,268	61.1%
E-MINI JAPANESE YEN	0	0	0.0%	73,361	11,339	547.0%	0	0	0.0%	108,446	37,286	190.8%
EURO FX	8	3	166.7%	7,871,983	5,446,392	44.5%	36	11	227.3%	15,905,307	12,877,406	23.5%
HUNGARIAN FORINT (EC)	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
HUNGARIAN FORINT (US)	0	0	0.0%	17	0	0.0%	0	0	0.0%	27	4	575.0%
INDIAN RUPEE	0	0	0.0%	31,398	72,076	-56.4%	0	0	0.0%	98,017	243,565	-59.8%
JAPANESE YEN	0	0	0.0%	4,861,617	2,891,845	68.1%	0	0	0.0%	11,365,535	7,558,341	50.4%
KOREAN WON	0	0	0.0%	898	318	182.4%	0	0	0.0%	1,896	691	174.4%
MEXICAN PESO	0	0	0.0%	2,221,150	1,812,278	22.6%	0	0	0.0%	4,571,114	4,055,730	12.7%
MICRO AUD/USD	0	0	0.0%	379,239	122,996	208.3%	0	0	0.0%	565,939	378,921	49.4%
MICRO CAD/USD	0	0	0.0%	36,565	17,822	105.2%	0	0	0.0%	70,770	47,320	49.6%
MICRO CHF/USD	0	0	0.0%	4,544	2,787	63.0%	0	0	0.0%	13,917	6,083	128.8%
MICRO EUR/USD	0	0	0.0%	750,385	254,721	194.6%	0	0	0.0%	1,112,161	764,470	45.5%
MICRO GBP/USD	0	0	0.0%	55,217	76,546	-27.9%	0	0	0.0%	147,073	157,491	-6.6%
MICRO INR/USD	0	0	0.0%	2,024	4,411	-54.1%	0	0	0.0%	9,461	15,745	-39.9%
MICRO JPY/USD	0	0	0.0%	69,908	25,058	179.0%	0	0	0.0%	114,135	88,646	28.8%
NEW ZEALND DOLLAR	0	0	0.0%	1,039,160	642,826	61.7%	0	0	0.0%	2,196,348	1,778,504	23.5%
NKR/USD CROSS RATE	0	0	0.0%	9,353	5,897	58.6%	0	0	0.0%	23,241	9,575	142.7%
POLISH ZLOTY (EC)	0	0	0.0%	147	160	-8.1%	0	0	0.0%	147	223	-34.1%
POLISH ZLOTY (US)	0	0	0.0%	1,425	114	1,150.0%	0	0	0.0%	2,268	323	602.2%
RMB USD	0	0	0.0%	1	0	0.0%	0	0	0.0%	3	1	200.0%
RUSSIAN RUBLE	0	0	0.0%	225,483	105,758	113.2%	0	0	0.0%	402,411	184,645	117.9%
S.AFRICAN RAND	0	0	0.0%	103,615	59,847	73.1%	0	0	0.0%	223,192	125,806	77.4%
SF/JY CROSS RATES	0	0	0.0%	19	0	0.0%	0	0	0.0%	149	7	2,028.6%
SHEKEL	0	0	0.0%	5	0	0.0%	0	0	0.0%	90	0	0.0%
SKR/USD CROSS RATES	0	0	0.0%	8,211	4,565	79.9%	0	0	0.0%	14,663	8,086	81.3%

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<b>FX Futures</b>												
SWISS FRANC	0	0	0.0%	1,183,013	683,053	73.2%	0	0	0.0%	2,399,588	1,485,875	61.5%
TURKISH LIRA	0	0	0.0%	11	8	37.5%	0	0	0.0%	13	8	62.5%
USDZAR	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	20	-100.0%
<b>FX Options</b>												
AUD/USD MONDAY OPTION W	0	-	-	0	-	-	0	-	-	509	-	-
AUD/USD MONDAY OPTION W	0	-	-	69	-	-	0	-	-	69	-	-
AUD/USD MONDAY OPTION W	0	-	-	392	-	-	0	-	-	392	-	-
AUD/USD MONDAY OPTION W	0	-	-	103	-	-	0	-	-	103	-	-
AUD/USD MONTHLY OPTIONS	0	0	0.0%	128,537	70,117	83.3%	0	0	0.0%	318,952	207,392	53.8%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	90	248	-63.7%	0	0	0.0%	90	8,103	-98.9%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	7,796	1,753	344.7%	0	0	0.0%	23,490	7,750	203.1%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,429	6,562	-47.7%	0	0	0.0%	15,225	19,079	-20.2%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,855	10,751	-73.4%	0	0	0.0%	16,283	23,398	-30.4%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	6,096	-100.0%	0	0	0.0%	4,805	7,808	-38.5%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	1,245	3,526	-64.7%	0	0	0.0%	4,835	5,933	-18.5%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	1,142	1,266	-9.8%	0	0	0.0%	4,651	5,295	-12.2%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	806	985	-18.2%	0	0	0.0%	4,880	1,927	153.2%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	140	1,195	-88.3%	0	0	0.0%	6,320	3,246	94.7%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	2,596	671	286.9%
BRITISH POUND (EU)	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
BRL/USD MONTHLY OPTIONS	0	-	-	8	-	-	0	-	-	89	-	-
CAD/USD MONDAY OPTIONS	0	-	-	401	-	-	0	-	-	401	-	-
CAD/USD MONDAY OPTIONS	0	-	-	100	-	-	0	-	-	101	-	-
CAD/USD MONDAY OPTIONS	0	-	-	38	-	-	0	-	-	132	-	-
CAD/USD MONDAY OPTIONS	0	-	-	234	-	-	0	-	-	234	-	-
CAD/USD MONDAY OPTIONS	0	-	-	102	-	-	0	-	-	102	-	-
CAD/USD MONTHLY OPTIONS	130	27	381.5%	66,931	68,572	-2.4%	430	241	78.4%	175,201	178,684	-1.9%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	121	588	-79.4%	0	0	0.0%	121	18,330	-99.3%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	5,706	2,099	171.8%	0	0	0.0%	26,068	13,372	94.9%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	4,434	9,167	-51.6%	0	0	0.0%	21,886	28,813	-24.0%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,424	9,773	-75.2%	0	0	0.0%	21,512	26,597	-19.1%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	9,784	-100.0%	0	0	0.0%	10,608	9,997	6.1%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	2,357	4,609	-48.9%	0	0	0.0%	6,718	8,369	-19.7%

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## CME Exchange Volume Comparison Report - Monthly

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<b>FX Options</b>												
CAD/USD WKLY WED OPTIONS	0	0	0.0%	5,270	2,448	115.3%	0	0	0.0%	7,882	8,521	-7.5%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	678	2,925	-76.8%	0	0	0.0%	6,289	6,976	-9.8%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	2,138	3,311	-35.4%	0	0	0.0%	7,296	6,390	14.2%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,503	1,760	-14.6%
CANADIAN DOLLAR (EU)	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CHF/USD MONTHLY OPTIONS	0	0	0.0%	1,675	1,472	13.8%	0	0	0.0%	13,974	4,833	189.1%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	2	0	0.0%	0	0	0.0%	2	108	-98.1%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	168	934	-82.0%	0	0	0.0%	625	978	-36.1%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	272	287	-5.2%	0	0	0.0%	606	456	32.9%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	232	170	36.5%	0	0	0.0%	479	301	59.1%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	601	-100.0%	0	0	0.0%	841	601	39.9%
EUR/GBP MONTHLY OPTIONS	0	0	0.0%	0	19	-100.0%	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	-	-	11	-	-	0	-	-	1,094	-	-
EUR/USD MONDAY OPTION W	0	-	-	1,038	-	-	0	-	-	1,088	-	-
EUR/USD MONDAY OPTION W	0	-	-	1,445	-	-	0	-	-	1,782	-	-
EUR/USD MONDAY OPTION W	0	-	-	1,068	-	-	0	-	-	1,117	-	-
EUR/USD MONDAY OPTION W	0	-	-	1,609	-	-	0	-	-	1,609	-	-
EUR/USD MONTHLY OPTIONS	635	1,635	-61.2%	513,280	402,270	27.6%	1,550	3,873	-60.0%	1,242,545	1,072,314	15.9%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	484	2,116	-77.1%	0	0	0.0%	484	53,630	-99.1%
EUR/USD WKLY FRIDAY OPTIC	62	0	0.0%	32,980	13,292	148.1%	62	0	0.0%	95,233	39,860	138.9%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	22,367	30,650	-27.0%	0	0	0.0%	84,539	93,249	-9.3%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	13,622	35,562	-61.7%	0	0	0.0%	88,783	130,270	-31.8%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	31,037	-100.0%	0	0	0.0%	22,430	32,222	-30.4%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	14,126	13,688	3.2%	0	0	0.0%	35,957	28,295	27.1%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	12,580	16,876	-25.5%	0	0	0.0%	34,593	34,793	-0.6%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	9,893	7,091	39.5%	0	0	0.0%	30,845	32,346	-4.6%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	10,146	13,700	-25.9%	0	0	0.0%	30,906	33,135	-6.7%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	9,542	11,688	-18.4%
GBP/USD MONDAY OPTION W	0	-	-	0	-	-	0	-	-	619	-	-
GBP/USD MONDAY OPTION W	0	-	-	2	-	-	0	-	-	2	-	-
GBP/USD MONDAY OPTION W	0	-	-	289	-	-	0	-	-	289	-	-
GBP/USD MONDAY OPTION W	0	-	-	401	-	-	0	-	-	401	-	-
GBP/USD MONTHLY OPTIONS	12	30	-60.0%	124,645	153,914	-19.0%	64	163	-60.7%	320,765	445,389	-28.0%

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<b>FX Options</b>												
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	357	188	89.9%	0	0	0.0%	357	19,765	-98.2%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,775	4,308	-12.4%	0	0	0.0%	15,237	8,708	75.0%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	1,873	9,560	-80.4%	0	0	0.0%	10,812	28,620	-62.2%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,089	14,040	-85.1%	0	0	0.0%	13,921	31,722	-56.1%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	13,640	-100.0%	0	0	0.0%	6,129	14,882	-58.8%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	1,562	7,244	-78.4%	0	0	0.0%	7,601	10,982	-30.8%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	610	5,317	-88.5%	0	0	0.0%	2,596	10,449	-75.2%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	322	6,434	-95.0%	0	0	0.0%	6,085	13,516	-55.0%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	362	5,395	-93.3%	0	0	0.0%	4,535	14,141	-67.9%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	4,403	5,260	-16.3%
JAPANESE YEN (EU)	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
JPY/USD MONDAY OPTION WE	0	-	-	175	-	-	0	-	-	2,199	-	-
JPY/USD MONDAY OPTION WE	0	-	-	136	-	-	0	-	-	697	-	-
JPY/USD MONDAY OPTION WE	0	-	-	933	-	-	0	-	-	933	-	-
JPY/USD MONDAY OPTION WE	0	-	-	385	-	-	0	-	-	481	-	-
JPY/USD MONDAY OPTION WE	0	-	-	152	-	-	0	-	-	152	-	-
JPY/USD MONTHLY OPTIONS	100	5	1,900.0%	212,287	132,323	60.4%	727	25	2,808.0%	575,780	353,253	63.0%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	114	415	-72.5%	0	0	0.0%	114	28,655	-99.6%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	18,995	4,677	306.1%	0	0	0.0%	55,701	16,909	229.4%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	23,179	17,823	30.1%	0	0	0.0%	58,584	49,034	19.5%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	7,257	18,485	-60.7%	0	0	0.0%	43,564	45,616	-4.5%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	13,433	-100.0%	0	0	0.0%	15,582	14,768	5.5%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	4,145	4,394	-5.7%	0	0	0.0%	26,630	8,396	217.2%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	9,356	4,946	89.2%	0	0	0.0%	18,953	11,335	67.2%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	13,485	4,417	205.3%	0	0	0.0%	23,284	9,207	152.9%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	13,410	3,920	242.1%	0	0	0.0%	26,965	8,656	211.5%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	4,224	1,787	136.4%
MXN/USD MONTHLY OPTIONS	0	0	0.0%	618	1,774	-65.2%	1,840	900	104.4%	5,927	4,062	45.9%
MXN/USD WKLY FRIDAY OPTI	0	-	-	0	-	-	0	-	-	0	-	-
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	145	-100.0%	0	0	0.0%	0	145	-100.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MXN/USD WKLY FRIDAY OPTI	0	0	0.0%	0	0	0.0%	0	0	0.0%	585	0	0.0%
MXN/USD WKLY FRIDAY OPTI	0	-	-	0	-	-	0	-	-	50	-	-
NZD/USD MONTHLY OPTIONS	0	0	0.0%	660	64	931.3%	0	0	0.0%	4,351	1,940	124.3%
NZD/USD WKLY FRIDAY OPTIO	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%

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<b>FX Options</b>												
NZD/USD WKLY FRIDAY OPTIO	0	-	-	50	-	-	0	-	-	50	-	-
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	-	-	375	-	-	0	-	-	375	-	-
NZD/USD WKLY FRIDAY OPTIO	0	-	-	0	-	-	0	-	-	0	-	-
<b>Foreign Exchange Futures</b>												
CHILEAN PESO	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
<b>Foreign Exchange Options</b>												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	665	1,436	-53.7%	0	0	0.0%	3,262	2,808	16.2%

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<b>Ag Products Futures</b>												
BUTTER CS	0	0	0.0%	7,830	3,472	125.5%	0	0	0.0%	23,817	11,240	111.9%
CASH-SETTLED CHEESE	0	0	0.0%	22,296	11,762	89.6%	0	0	0.0%	44,286	38,964	13.7%
CATTLE	295	1,744	-83.1%	2,194,417	1,775,624	23.6%	2,592	4,198	-38.3%	5,248,659	4,568,441	14.9%
CAT WEATHER EUROPEAN	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	4	28	-85.7%	4,496	1,894	137.4%	65	93	-30.1%	11,695	7,241	61.5%
DRY WHEY	0	0	0.0%	2,639	1,040	153.8%	0	0	0.0%	6,142	4,423	38.9%
FEEDER CATTLE	34	9	277.8%	382,186	368,993	3.6%	54	9	500.0%	1,034,714	894,129	15.7%
GOLDMAN SACHS	0	0	0.0%	19,477	27,033	-28.0%	0	0	0.0%	56,943	89,965	-36.7%
GSCI EXCESS RETURN FUT	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HDD EURO SEASONAL STRIP	0	-	-	0	-	-	0	-	-	0	-	-
HDD SEASONAL STRIP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HDD WEATHER	0	0	0.0%	0	0	0.0%	0	0	0.0%	25	0	0.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HOGS	204	2,882	-92.9%	1,380,327	1,710,568	-19.3%	1,940	5,221	-62.8%	3,703,207	3,801,399	-2.6%
HOUSING INDEX	0	0	0.0%	79	42	88.1%	0	0	0.0%	133	47	183.0%
LUMBER	0	0	0.0%	14,385	11,018	30.6%	0	0	0.0%	45,809	39,936	14.7%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MILK	0	3	-100.0%	35,325	23,080	53.1%	59	81	-27.2%	93,963	75,541	24.4%
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%	13,434	6,607	103.3%	0	0	0.0%	36,428	20,975	73.7%
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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<b>Ag Products Options</b>												
BUTTER CS	15	399	-96.2%	6,502	2,410	169.8%	212	2,929	-92.8%	14,053	9,358	50.2%
CASH-SETTLED CHEESE	382	1,760	-78.3%	18,826	6,907	172.6%	7,734	9,033	-14.4%	32,855	25,290	29.9%
CATTLE	18,794	40,431	-53.5%	358,861	213,916	67.8%	59,913	76,628	-21.8%	824,429	503,632	63.7%
CAT WEATHER EUROPEAN	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	232	573	-59.5%	11,841	3,345	254.0%	1,082	1,907	-43.3%	23,292	11,722	98.7%
DRY WHEY	45	22	104.5%	1,377	1,000	37.7%	119	64	85.9%	1,970	2,442	-19.3%
FEEDER CATTLE	1,296	1,922	-32.6%	44,785	31,445	42.4%	4,252	2,754	54.4%	105,128	74,214	41.7%
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	6,789	56,919	-88.1%	367,917	488,806	-24.7%	34,430	117,571	-70.7%	1,019,664	911,859	11.8%
HOUSING INDEX	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
LUMBER	0	60	-100.0%	1,423	2,165	-34.3%	0	70	-100.0%	4,114	5,505	-25.3%
LV CATL CSO	0	30	-100.0%	0	0	0.0%	0	409	-100.0%	0	0	0.0%
MILK	266	2,071	-87.2%	47,961	26,873	78.5%	3,323	7,030	-52.7%	123,075	99,853	23.3%
MLK MID OPTIONS	13	4	225.0%	11	34	-67.6%	31	8	287.5%	11	98	-88.8%
NFD MILK	99	65	52.3%	12,880	5,216	146.9%	494	459	7.6%	32,389	27,077	19.6%
<b>TOTAL FUTURES GROUP</b>												
Interest Rate Futures	1,371,494	682,846	100.8%	106,660,500	68,654,184	55.4%	2,619,681	2,126,540	23.2%	220,759,824	174,304,832	26.7%
Equity Index Futures	24,201	61,518	-60.7%	153,145,136	55,143,273	177.7%	33,712	79,276	-57.5%	308,984,710	140,320,001	120.2%
FX Futures	8	3	166.7%	29,478,276	20,352,042	44.8%	36	14	157.1%	62,667,582	50,065,669	25.2%
Foreign Exchange Futures	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Ag Products Futures	537	4,666	-88.5%	4,076,891	3,941,133	3.4%	4,710	9,602	-50.9%	10,305,821	9,552,301	7.9%
<b>TOTAL FUTURES</b>	<b>1,396,240</b>	<b>749,033</b>	<b>86.4%</b>	<b>293,360,803</b>	<b>148,090,632</b>	<b>98.1%</b>	<b>2,658,139</b>	<b>2,215,432</b>	<b>20.0%</b>	<b>602,717,937</b>	<b>374,242,803</b>	<b>61.0%</b>

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 MAR 2020	Open Outcry MAR 2019	% CHG	ELEC MAR 2020	ELEC MAR 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
<b>TOTAL OPTIONS GROUP</b>												
Equity Index Options	296,104	604,429	-51.0%	25,846,101	11,748,106	120.0%	1,658,011	2,189,662	-24.3%	60,485,412	34,747,095	74.1%
Interest Rate Options	21,071,410	21,650,009	-2.7%	33,026,904	13,684,125	141.4%	60,939,677	60,935,932	0.0%	67,468,201	35,750,312	88.7%
FX Options	939	1,697	-44.7%	1,316,543	1,212,396	8.6%	4,673	5,202	-10.2%	3,647,350	3,324,967	9.7%
Ag Products Options	27,931	104,256	-73.2%	872,384	782,117	11.5%	111,590	218,862	-49.0%	2,180,980	1,671,050	30.5%
Foreign Exchange Options	0	0	0.0%	665	1,436	-53.7%	0	0	0.0%	3,262	2,808	16.2%
<b>TOTAL OPTIONS</b>	<b>21,396,384</b>	<b>22,360,391</b>	<b>-4.3%</b>	<b>61,062,597</b>	<b>27,428,180</b>	<b>122.6%</b>	<b>62,713,951</b>	<b>63,349,658</b>	<b>-1.0%</b>	<b>133,785,205</b>	<b>75,496,232</b>	<b>77.2%</b>
<b>TOTAL COMBINED</b>												
Interest Rate	22,442,904	22,332,855	0.5%	139,687,404	82,338,309	69.7%	63,559,358	63,062,472	0.8%	288,228,025	210,055,144	37.2%
Equity Index	320,305	665,947	-51.9%	178,991,237	66,891,379	167.6%	1,691,723	2,268,938	-25.4%	369,470,122	175,067,096	111.0%
FX	947	1,700	-44.3%	30,794,819	21,564,438	42.8%	4,709	5,216	-9.7%	66,314,932	53,390,636	24.2%
Foreign Exchange	0	0	0.0%	665	1,436	-53.7%	0	0	0.0%	3,262	2,808	16.2%
Ag Products	28,468	108,922	-73.9%	4,949,275	4,723,250	4.8%	116,300	228,464	-49.1%	12,486,801	11,223,351	11.3%
<b>GRAND TOTAL</b>	<b>22,792,624</b>	<b>23,109,424</b>	<b>-1.4%</b>	<b>354,423,400</b>	<b>175,518,812</b>	<b>101.9%</b>	<b>65,372,090</b>	<b>65,565,090</b>	<b>-0.3%</b>	<b>736,503,142</b>	<b>449,739,035</b>	<b>63.8%</b>