

## CME Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2020	Open Outcry FEB 2019	% CHG	ELEC FEB 2020	ELEC FEB 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%	0	5	-100.0%	0	0	0.0%	22	65	-66.2%
EURODOLLARS	751,324	687,108	9.3%	68,812,484	44,797,039	53.6%	1,248,187	1,443,694	-13.5%	111,689,207	104,417,909	7.0%
SOFR	0	0	0.0%	1,197,189	569,631	110.2%	0	0	0.0%	2,005,155	939,844	113.3%
SONIA	0	0	0.0%	193,874	163,395	18.7%	0	0	0.0%	404,940	292,830	38.3%
<b>Interest Rate Options</b>												
EURODOLLARS	20,023,274	9,577,951	109.1%	17,085,665	5,674,564	201.1%	30,736,558	23,482,321	30.9%	25,514,970	11,290,560	126.0%
EURO MIDCURVE	4,869,336	7,745,698	-37.1%	5,046,003	4,487,064	12.5%	9,131,699	15,803,602	-42.2%	8,926,297	10,775,627	-17.2%
SOFR	0	-	-	18	-	-	10	-	-	30	-	-
<b>Equity Index Futures</b>												
BITCOIN FUTURES	0	0	0.0%	192,905	100,199	92.5%	0	0	0.0%	418,877	191,347	118.9%
E-MINI COM SERVICES SELEC	0	0	0.0%	1,924	2,133	-9.8%	0	0	0.0%	2,838	5,482	-48.2%
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	53	-100.0%	0	0	0.0%	0	641	-100.0%
E-MINI MIDCAP	0	0	0.0%	357,822	278,508	28.5%	0	0	0.0%	677,276	576,349	17.5%
E-MINI NASDAQ 100	0	0	0.0%	15,405,169	7,695,031	100.2%	0	0	0.0%	27,458,545	18,487,119	48.5%
E-MINI RUSSELL 1000	0	0	0.0%	3,480	2,299	51.4%	0	0	0.0%	5,734	4,884	17.4%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	2,025	1,451	39.6%	0	0	0.0%	4,185	3,126	33.9%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	4,756	4,166	14.2%	0	0	0.0%	8,848	11,974	-26.1%
E-MINI RUSSELL 2000	0	0	0.0%	3,605,010	1,958,449	84.1%	0	0	0.0%	6,845,814	4,827,964	41.8%
E-MINI S&P500	0	0	0.0%	45,828,998	25,331,804	80.9%	0	0	0.0%	82,467,849	59,116,282	39.5%
E-MINI S&P REAL ESTATE SEL	0	0	0.0%	11,446	2,148	432.9%	0	0	0.0%	19,079	5,658	237.2%
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%	1,029	2,911	-64.7%	0	0	0.0%	3,463	4,870	-28.9%
IBOVESPA INDEX	0	0	0.0%	823	1,266	-35.0%	0	0	0.0%	1,664	1,785	-6.8%
MICRO E-MINI NASDAQ 100	0	-	-	9,386,304	-	-	0	-	-	15,199,631	-	-
MICRO E-MINI RUSSELL 2000	0	-	-	1,317,027	-	-	0	-	-	2,140,664	-	-
MICRO E-MINI S&P500	0	-	-	10,840,494	-	-	0	-	-	17,506,305	-	-
NASDAQ BIOTECH	0	0	0.0%	871	78	1,016.7%	0	0	0.0%	1,452	82	1,670.7%
Nearby BTIC+	0	-	-	200	-	-	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%	342,660	162,867	110.4%	0	0	0.0%	547,376	374,661	46.1%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	1,404,874	595,285	136.0%	0	228	-100.0%	2,288,052	1,324,335	72.8%
S&P 500	5,708	8,390	-32.0%	2,663	1,006	164.7%	9,511	17,530	-45.7%	3,908	3,317	17.8%
S&P 500 ANNUAL DIVIDEND IN	0	0	0.0%	25,742	9,937	159.1%	0	0	0.0%	35,886	18,600	92.9%
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%	530	40	1,225.0%	0	0	0.0%	720	60	1,100.0%
S&P 600 SMALLCAP EMINI	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
S&P CONSUMER DSCRTNRY S	0	0	0.0%	7,126	5,436	31.1%	0	0	0.0%	12,702	19,204	-33.9%
S&P CONSUMER STAPLES SE	0	0	0.0%	9,678	7,197	34.5%	0	0	0.0%	17,952	19,228	-6.6%
S&P ENERGY SECTOR	0	0	0.0%	16,261	5,829	179.0%	0	0	0.0%	28,019	24,475	14.5%
S&P FINANCIAL SECTOR	0	0	0.0%	18,739	6,674	180.8%	0	0	0.0%	30,846	27,086	13.9%
S&P HEALTH CARE SECTOR	0	0	0.0%	10,868	6,083	78.7%	0	0	0.0%	18,972	21,733	-12.7%
S&P INDUSTRIAL SECTOR	0	0	0.0%	10,474	4,956	111.3%	0	0	0.0%	15,454	20,218	-23.6%
S&P MATERIALS SECTOR	0	0	0.0%	5,617	3,712	51.3%	0	0	0.0%	10,707	11,630	-7.9%
S&P TECHNOLOGY SECTOR	0	0	0.0%	12,915	6,530	97.8%	0	0	0.0%	19,460	28,393	-31.5%
S&P UTILITIES SECTOR	0	0	0.0%	17,015	9,214	84.7%	0	0	0.0%	28,169	34,689	-18.8%
S&P VALUE INDEX FUTURES	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
YEN DENOMINATED TOPIX	0	0	0.0%	4,547	9,674	-53.0%	0	0	0.0%	18,927	10,828	74.8%

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<b>Equity Index Options</b>												
BITCOIN FUTURES	0	-	-	401	-	-	0	-	-	538	-	-
E-MINI NASDAQ 100	0	0	0.0%	524,091	151,730	245.4%	0	0	0.0%	900,631	428,797	110.0%
E-MINI RUSSELL 2000	0	0	0.0%	32,267	17,037	89.4%	0	0	0.0%	42,725	21,225	101.3%
E-MINI S&P500	0	0	0.0%	9,918,487	4,335,292	128.8%	0	0	0.0%	15,653,760	8,555,233	83.0%
EOM E-MINI RUSSELL 2000 EN	0	0	0.0%	8,957	3,598	148.9%	0	0	0.0%	16,542	6,168	168.2%
EOM EMINI S&P	0	0	0.0%	3,698,367	1,374,848	169.0%	0	0	0.0%	6,481,181	3,288,018	97.1%
EOM S&P 500	174,026	87,600	98.7%	0	0	0.0%	296,617	236,649	25.3%	0	0	0.0%
EOW1 E-MINI RUSSELL 2000 W	0	0	0.0%	8,023	1,429	461.4%	0	0	0.0%	13,210	2,243	488.9%
EOW1 EMINI S&P 500	0	0	0.0%	1,512,636	574,970	163.1%	0	0	0.0%	2,553,369	1,717,375	48.7%
EOW1 S&P 500	62,177	61,845	0.5%	0	0	0.0%	111,775	167,792	-33.4%	0	0	0.0%
EOW2 E-MINI RUSSELL 2000 W	0	0	0.0%	6,371	1,381	361.3%	0	0	0.0%	10,714	2,699	297.0%
EOW2 EMINI S&P 500	0	0	0.0%	1,336,632	851,165	57.0%	0	0	0.0%	2,420,217	1,855,494	30.4%
EOW2 S&P 500	65,525	124,311	-47.3%	0	0	0.0%	188,801	324,234	-41.8%	0	0	0.0%
EOW3 E-MINI RUSSELL 2000 W	0	0	0.0%	22,639	5,933	281.6%	0	0	0.0%	48,540	12,156	299.3%
EOW3 EMINI S&P 500	0	0	0.0%	2,636,077	1,791,405	47.2%	0	0	0.0%	5,423,986	5,173,570	4.8%
EOW3 S&P 500	113,077	156,291	-27.6%	0	0	0.0%	239,593	378,337	-36.7%	0	0	0.0%
EOW4 E-MINI RUSSELL 2000 W	0	0	0.0%	316	2,428	-87.0%	0	0	0.0%	5,929	3,492	69.8%
EOW4 EMINI S&P 500	0	0	0.0%	108,044	884,238	-87.8%	0	0	0.0%	1,067,667	1,932,519	-44.8%
S&P 500	276,855	184,497	50.1%	0	0	0.0%	525,121	478,221	9.8%	0	0	0.0%
	0	-	-	209	-	-	0	-	-	302	-	-
<b>FX Futures</b>												
AD/CD CROSS RATES	0	0	0.0%	11	18	-38.9%	0	0	0.0%	20	35	-42.9%
AD/JY CROSS RATES	0	0	0.0%	2,280	2,282	-0.1%	0	0	0.0%	4,421	4,863	-9.1%
AD/NE CROSS RATES	0	0	0.0%	165	4	4,025.0%	0	0	0.0%	567	7	8,000.0%
AUSTRALIAN DOLLAR	0	0	0.0%	2,328,010	2,000,849	16.4%	0	0	0.0%	4,419,207	4,195,070	5.3%
BP/JY CROSS RATES	0	0	0.0%	2,368	934	153.5%	0	0	0.0%	5,001	3,240	54.4%
BP/SF CROSS RATES	0	0	0.0%	438	136	222.1%	0	0	0.0%	731	752	-2.8%
BRAZIL REAL	0	0	0.0%	183,201	77,105	137.6%	0	0	0.0%	358,127	175,228	104.4%
BRITISH POUND	0	0	0.0%	2,260,960	2,148,576	5.2%	0	0	0.0%	4,230,494	4,520,009	-6.4%
CANADIAN DOLLAR	0	0	0.0%	1,766,380	1,248,451	41.5%	0	3	-100.0%	3,276,941	2,765,893	18.5%
CD/JY CROSS RATES	0	0	0.0%	44	0	0.0%	0	0	0.0%	77	2	3,750.0%
CHINESE RENMINBI (CNH)	0	0	0.0%	19,132	33,117	-42.2%	0	0	0.0%	36,492	57,859	-36.9%

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<b>FX Futures</b>												
CZECK KORUNA (EC)	0	0	0.0%	5	2	150.0%	0	0	0.0%	5	6	-16.7%
CZECK KORUNA (US)	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EC/AD CROSS RATES	0	0	0.0%	7,419	893	730.8%	0	0	0.0%	13,726	3,736	267.4%
EC/CD CROSS RATES	0	0	0.0%	1,901	531	258.0%	0	0	0.0%	3,289	1,569	109.6%
EC/NOK CROSS RATES	0	0	0.0%	155	112	38.4%	0	0	0.0%	258	311	-17.0%
EC/SEK CROSS RATES	0	0	0.0%	438	284	54.2%	0	0	0.0%	880	550	60.0%
EFX/BP CROSS RATES	0	0	0.0%	63,189	59,057	7.0%	0	0	0.0%	114,442	137,058	-16.5%
EFX/JY CROSS RATES	0	0	0.0%	71,707	27,589	159.9%	0	0	0.0%	113,316	70,283	61.2%
EFX/SF CROSS RATES	0	0	0.0%	26,099	14,965	74.4%	0	0	0.0%	50,409	37,747	33.5%
E-MINI EURO FX	0	0	0.0%	91,590	71,453	28.2%	0	0	0.0%	143,741	155,454	-7.5%
E-MINI JAPANESE YEN	0	0	0.0%	23,897	8,436	183.3%	0	0	0.0%	35,085	25,947	35.2%
EURO FX	28	5	460.0%	4,446,119	3,303,761	34.6%	28	8	250.0%	8,033,324	7,431,014	8.1%
HUNGARIAN FORINT (EC)	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
HUNGARIAN FORINT (US)	0	0	0.0%	1	0	0.0%	0	0	0.0%	10	4	150.0%
INDIAN RUPEE	0	0	0.0%	33,503	89,347	-62.5%	0	0	0.0%	66,619	171,489	-61.2%
JAPANESE YEN	0	0	0.0%	3,614,606	2,001,793	80.6%	0	0	0.0%	6,503,918	4,666,496	39.4%
KOREAN WON	0	0	0.0%	632	232	172.4%	0	0	0.0%	998	373	167.6%
MEXICAN PESO	0	0	0.0%	1,313,316	1,019,961	28.8%	0	0	0.0%	2,349,964	2,243,452	4.7%
MICRO AUD/USD	0	0	0.0%	95,002	122,629	-22.5%	0	0	0.0%	186,700	255,925	-27.0%
MICRO CAD/USD	0	0	0.0%	17,973	14,717	22.1%	0	0	0.0%	34,205	29,498	16.0%
MICRO CHF/USD	0	0	0.0%	3,806	1,825	108.5%	0	0	0.0%	9,373	3,296	184.4%
MICRO EUR/USD	0	0	0.0%	197,982	203,822	-2.9%	0	0	0.0%	361,776	509,749	-29.0%
MICRO GBP/USD	0	0	0.0%	48,031	33,057	45.3%	0	0	0.0%	91,856	80,945	13.5%
MICRO INR/USD	0	0	0.0%	3,752	5,832	-35.7%	0	0	0.0%	7,437	11,334	-34.4%
MICRO JPY/USD	0	0	0.0%	25,425	24,349	4.4%	0	0	0.0%	44,227	63,588	-30.4%
NEW ZEALND DOLLAR	0	0	0.0%	631,972	504,079	25.4%	0	0	0.0%	1,157,188	1,135,678	1.9%
NKR/USD CROSS RATE	0	0	0.0%	7,302	1,442	406.4%	0	0	0.0%	13,888	3,678	277.6%
POLISH ZLOTY (EC)	0	0	0.0%	0	32	-100.0%	0	0	0.0%	0	63	-100.0%
POLISH ZLOTY (US)	0	0	0.0%	466	131	255.7%	0	0	0.0%	843	209	303.3%
RMB USD	0	0	0.0%	2	0	0.0%	0	0	0.0%	2	1	100.0%
RUSSIAN RUBLE	0	0	0.0%	106,051	34,568	206.8%	0	0	0.0%	176,928	78,887	124.3%
S.AFRICAN RAND	0	0	0.0%	56,336	32,030	75.9%	0	0	0.0%	119,577	65,959	81.3%
SF/JY CROSS RATES	0	0	0.0%	95	2	4,650.0%	0	0	0.0%	130	7	1,757.1%
SHEKEL	0	0	0.0%	61	0	0.0%	0	0	0.0%	85	0	0.0%
SKR/USD CROSS RATES	0	0	0.0%	2,841	1,700	67.1%	0	0	0.0%	6,452	3,521	83.2%

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<b>FX Futures</b>												
SWISS FRANC	0	0	0.0%	644,010	338,982	90.0%	0	0	0.0%	1,216,575	802,822	51.5%
TURKISH LIRA	0	0	0.0%	2	0	0.0%	0	0	0.0%	2	0	0.0%
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	-	-	509	-	-	0	-	-	509	-	-
AUD/USD MONTHLY OPTIONS	0	0	0.0%	108,028	63,376	70.5%	0	0	0.0%	190,415	137,275	38.7%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	3,201	-100.0%	0	0	0.0%	0	7,855	-100.0%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	9,315	0	0.0%	0	0	0.0%	15,694	5,997	161.7%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	7,179	4,709	52.5%	0	0	0.0%	11,796	12,517	-5.8%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	7,953	5,464	45.6%	0	0	0.0%	13,428	12,647	6.2%
AUD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	1,712	-100.0%	0	0	0.0%	4,805	1,712	180.7%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	2,134	1,498	42.5%	0	0	0.0%	3,590	2,407	49.1%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	1,773	1,259	40.8%	0	0	0.0%	3,509	4,029	-12.9%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	1,774	457	288.2%	0	0	0.0%	4,074	942	332.5%
AUD/USD WKLY WED OPTIONS	0	0	0.0%	4,926	1,184	316.0%	0	0	0.0%	6,180	2,051	201.3%
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	-	-	31	-	-	0	-	-	81	-	-
CAD/USD MONDAY OPTIONS	0	-	-	1	-	-	0	-	-	1	-	-
CAD/USD MONDAY OPTIONS	0	-	-	94	-	-	0	-	-	94	-	-
CAD/USD MONTHLY OPTIONS	0	184	-100.0%	66,872	51,550	29.7%	300	214	40.2%	108,270	110,112	-1.7%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	10,501	-100.0%	0	0	0.0%	0	17,742	-100.0%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	9,697	0	0.0%	0	0	0.0%	20,362	11,273	80.6%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	8,042	7,105	13.2%	0	0	0.0%	17,452	19,646	-11.2%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	10,963	10,665	2.8%	0	0	0.0%	19,088	16,824	13.5%
CAD/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	213	-100.0%	0	0	0.0%	10,608	213	4,880.3%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	2,684	1,214	121.1%	0	0	0.0%	4,361	3,760	16.0%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	1,369	3,989	-65.7%	0	0	0.0%	2,612	6,073	-57.0%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	2,495	1,914	30.4%	0	0	0.0%	5,611	4,051	38.5%
CAD/USD WKLY WED OPTIONS	0	0	0.0%	3,106	2,514	23.5%	0	0	0.0%	5,158	3,079	67.5%
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%	5,263	1,663	216.5%	0	0	0.0%	12,299	3,361	265.9%

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## CME Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2020	Open Outcry FEB 2019	% CHG	ELEC FEB 2020	ELEC FEB 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>FX Options</b>												
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	102	-100.0%	0	0	0.0%	0	108	-100.0%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	201	0	0.0%	0	0	0.0%	457	44	938.6%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	318	28	1,035.7%	0	0	0.0%	334	169	97.6%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	125	26	380.8%	0	0	0.0%	247	131	88.5%
CHF/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	0	0.0%	0	0	0.0%	841	0	0.0%
EUR/GBP MONTHLY OPTIONS	0	0	0.0%	0	25	-100.0%	0	0	0.0%	0	55	-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	-	-	1,083	-	-	0	-	-	1,083	-	-
EUR/USD MONDAY OPTION W	0	-	-	50	-	-	0	-	-	50	-	-
EUR/USD MONDAY OPTION W	0	-	-	337	-	-	0	-	-	337	-	-
EUR/USD MONDAY OPTION W	0	-	-	49	-	-	0	-	-	49	-	-
EUR/USD MONTHLY OPTIONS	614	816	-24.8%	455,039	321,098	41.7%	915	2,238	-59.1%	729,265	670,044	8.8%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	23,352	-100.0%	0	0	0.0%	0	51,514	-100.0%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	39,824	0	0.0%	0	0	0.0%	62,253	26,568	134.3%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	32,320	31,675	2.0%	0	0	0.0%	62,172	62,599	-0.7%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	48,047	30,222	59.0%	0	0	0.0%	75,161	94,708	-20.6%
EUR/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	1,185	-100.0%	0	0	0.0%	22,430	1,185	1,792.8%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	15,056	8,757	71.9%	0	0	0.0%	21,831	14,607	49.5%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	15,176	6,891	120.2%	0	0	0.0%	22,013	17,917	22.9%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	14,836	10,524	41.0%	0	0	0.0%	20,952	25,255	-17.0%
EUR/USD WKLY WED OPTIONS	0	0	0.0%	12,319	8,106	52.0%	0	0	0.0%	20,760	19,435	6.8%
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	-	-	619	-	-	0	-	-	619	-	-
GBP/USD MONTHLY OPTIONS	22	8	175.0%	115,008	120,755	-4.8%	52	133	-60.9%	196,120	291,475	-32.7%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	9,713	-100.0%	0	0	0.0%	0	19,577	-100.0%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	8,794	0	0.0%	0	0	0.0%	11,462	4,400	160.5%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	3,886	6,461	-39.9%	0	0	0.0%	8,939	19,060	-53.1%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	2,851	9,356	-69.5%	0	0	0.0%	11,832	17,682	-33.1%
GBP/USD WKLY FRIDAY OPTIC	0	0	0.0%	0	1,242	-100.0%	0	0	0.0%	6,129	1,242	393.5%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	2,770	1,281	116.2%	0	0	0.0%	6,039	3,738	61.6%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	608	2,256	-73.0%	0	0	0.0%	1,986	5,132	-61.3%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	3,230	3,910	-17.4%	0	0	0.0%	5,763	7,082	-18.6%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	348	5,146	-93.2%	0	0	0.0%	4,173	8,746	-52.3%
GBP/USD WKLY WED OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	4,403	5,260	-16.3%

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## CME Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2020	Open Outcry FEB 2019	% CHG	ELEC FEB 2020	ELEC FEB 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>FX Options</b>												
JAPANESE YEN (EU)	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
JPY/USD MONDAY OPTION WE	0	-	-	2,024	-	-	0	-	-	2,024	-	-
JPY/USD MONDAY OPTION WE	0	-	-	561	-	-	0	-	-	561	-	-
JPY/USD MONDAY OPTION WE	0	-	-	96	-	-	0	-	-	96	-	-
JPY/USD MONTHLY OPTIONS	616	10	6,060.0%	228,713	108,809	110.2%	627	20	3,035.0%	363,493	220,930	64.5%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	12,526	-100.0%	0	0	0.0%	0	28,240	-100.0%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	18,917	0	0.0%	0	0	0.0%	36,706	12,232	200.1%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	19,588	13,153	48.9%	0	0	0.0%	35,405	31,211	13.4%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	27,295	11,934	128.7%	0	0	0.0%	36,307	27,131	33.8%
JPY/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	1,335	-100.0%	0	0	0.0%	15,582	1,335	1,067.2%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	16,790	2,620	540.8%	0	0	0.0%	22,485	4,002	461.8%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	6,272	2,410	160.2%	0	0	0.0%	9,597	6,389	50.2%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	6,053	3,008	101.2%	0	0	0.0%	9,799	4,790	104.6%
JPY/USD WKLY WED OPTIONS	0	0	0.0%	8,314	2,868	189.9%	0	0	0.0%	13,555	4,736	186.2%
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	1,840	600	206.7%	4,764	1,179	304.1%	1,840	900	104.4%	5,309	2,288	132.0%
MXN/USD WKLY FRIDAY OPTI	0	-	-	0	-	-	0	-	-	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%	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%	2,409	1,397	72.4%	0	0	0.0%	3,691	1,876	96.7%
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	-	-
NZD/USD WKLY FRIDAY OPTIO	0	0	0.0%	0	206	-100.0%	0	0	0.0%	0	206	-100.0%
NZD/USD WKLY FRIDAY OPTIO	0	-	-	0	-	-	0	-	-	0	-	-
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%



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	Open Outcry FEB 2020	Open Outcry FEB 2019	% CHG	ELEC FEB 2020	ELEC FEB 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>Foreign Exchange Options</b>												
AUD/USD WKLY WED OPTIONS	0	0	0.0%	2,085	851	145.0%	0	0	0.0%	2,597	1,372	89.3%
<b>Ag Products Futures</b>												
BUTTER CS	0	0	0.0%	7,753	3,006	157.9%	0	0	0.0%	15,987	7,768	105.8%
CASH-SETTLED CHEESE	0	0	0.0%	11,667	11,797	-1.1%	0	0	0.0%	21,990	27,202	-19.2%
CATTLE	665	1,954	-66.0%	1,449,729	1,135,805	27.6%	2,297	2,454	-6.4%	3,054,242	2,792,817	9.4%
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	46	38	21.1%	4,886	1,314	271.8%	61	65	-6.2%	7,199	5,347	34.6%
DRY WHEY	0	0	0.0%	2,178	1,593	36.7%	0	0	0.0%	3,503	3,383	3.5%
FEEDER CATTLE	0	0	0.0%	345,608	265,244	30.3%	20	0	0.0%	652,528	525,136	24.3%
GOLDMAN SACHS	0	0	0.0%	18,700	31,502	-40.6%	0	0	0.0%	37,466	62,932	-40.5%
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	1,029	1,053	-2.3%	975,018	981,726	-0.7%	1,736	2,339	-25.8%	2,322,880	2,090,831	11.1%
HOUSING INDEX	0	0	0.0%	38	2	1,800.0%	0	0	0.0%	54	5	980.0%
LUMBER	0	0	0.0%	20,019	14,574	37.4%	0	0	0.0%	31,424	28,918	8.7%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MILK	56	8	600.0%	29,595	24,893	18.9%	59	78	-24.4%	58,638	52,461	11.8%
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%	14,911	5,468	172.7%	0	0	0.0%	22,994	14,368	60.0%
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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<b>Ag Products Options</b>												
BUTTER CS	67	444	-84.9%	4,179	2,044	104.5%	197	2,530	-92.2%	7,551	6,948	8.7%
CASH-SETTLED CHEESE	4,501	4,209	6.9%	7,436	7,243	2.7%	7,352	7,273	1.1%	14,029	18,383	-23.7%
CATTLE	19,523	18,452	5.8%	267,328	144,052	85.6%	41,119	36,197	13.6%	465,568	289,716	60.7%
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	574	661	-13.2%	7,321	3,121	134.6%	850	1,334	-36.3%	11,451	8,377	36.7%
DRY WHEY	47	17	176.5%	520	730	-28.8%	74	42	76.2%	593	1,442	-58.9%
FEEDER CATTLE	1,503	391	284.4%	32,801	17,300	89.6%	2,956	832	255.3%	60,343	42,769	41.1%
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	12,441	27,955	-55.5%	279,306	203,662	37.1%	27,641	60,652	-54.4%	651,747	423,053	54.1%
HOUSING INDEX	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
LUMBER	0	0	0.0%	1,684	1,182	42.5%	0	10	-100.0%	2,691	3,340	-19.4%
LV CATL CSO	0	35	-100.0%	0	0	0.0%	0	379	-100.0%	0	0	0.0%
MILK	1,098	2,340	-53.1%	38,797	29,236	32.7%	3,057	4,959	-38.4%	75,114	72,980	2.9%
MLK MID OPTIONS	13	1	1,200.0%	0	12	-100.0%	18	4	350.0%	0	64	-100.0%
NFD MILK	302	136	122.1%	12,456	6,453	93.0%	395	394	0.3%	19,509	21,861	-10.8%
<b>TOTAL FUTURES GROUP</b>												
Interest Rate Futures	751,324	687,108	9.3%	70,203,547	45,530,070	54.2%	1,248,187	1,443,694	-13.5%	114,099,324	105,650,648	8.0%
Equity Index Futures	5,708	8,390	-32.0%	88,849,992	36,214,936	145.3%	9,511	17,758	-46.4%	155,839,574	85,176,728	83.0%
FX Futures	28	5	460.0%	18,098,675	13,429,085	34.8%	28	11	154.5%	33,189,306	29,713,627	11.7%
Foreign Exchange Futures	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
Ag Products Futures	1,796	3,053	-41.2%	2,880,102	2,476,924	16.3%	4,173	4,936	-15.5%	6,228,930	5,611,168	11.0%
<b>TOTAL FUTURES</b>	<b>758,856</b>	<b>698,556</b>	<b>8.6%</b>	<b>180,032,316</b>	<b>97,651,015</b>	<b>84.4%</b>	<b>1,261,899</b>	<b>1,466,399</b>	<b>-13.9%</b>	<b>309,357,134</b>	<b>226,152,171</b>	<b>36.8%</b>

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<b>TOTAL OPTIONS GROUP</b>												
Equity Index Options	691,660	614,544	12.5%	19,813,517	9,995,454	98.2%	1,361,907	1,585,233	-14.1%	34,639,311	22,998,989	50.6%
Interest Rate Options	24,892,610	17,323,649	43.7%	22,131,686	10,161,628	117.8%	39,868,267	39,285,923	1.5%	34,441,297	22,066,187	56.1%
FX Options	3,092	1,618	91.1%	1,368,898	937,744	46.0%	3,734	3,505	6.5%	2,330,807	2,112,571	10.3%
Ag Products Options	40,069	54,641	-26.7%	651,828	415,035	57.1%	83,659	114,606	-27.0%	1,308,596	888,933	47.2%
Foreign Exchange Options	0	0	0.0%	2,085	851	145.0%	0	0	0.0%	2,597	1,372	89.3%
<b>TOTAL OPTIONS</b>	<b>25,627,431</b>	<b>17,994,452</b>	<b>42.4%</b>	<b>43,968,014</b>	<b>21,510,712</b>	<b>104.4%</b>	<b>41,317,567</b>	<b>40,989,267</b>	<b>0.8%</b>	<b>72,722,608</b>	<b>48,068,052</b>	<b>51.3%</b>
<b>TOTAL COMBINED</b>												
Interest Rate	25,643,934	18,010,757	42.4%	92,335,233	55,691,698	65.8%	41,116,454	40,729,617	0.9%	148,540,621	127,716,835	16.3%
Equity Index	697,368	622,934	11.9%	108,663,509	46,210,390	135.1%	1,371,418	1,602,991	-14.4%	190,478,885	108,175,717	76.1%
FX	3,120	1,623	92.2%	19,467,573	14,366,829	35.5%	3,762	3,516	7.0%	35,520,113	31,826,198	11.6%
Foreign Exchange	0	0	0.0%	2,085	851	145.0%	0	0	0.0%	2,597	1,372	89.3%
Ag Products	41,865	57,694	-27.4%	3,531,930	2,891,959	22.1%	87,832	119,542	-26.5%	7,537,526	6,500,101	16.0%
<b>GRAND TOTAL</b>	<b>26,386,287</b>	<b>18,693,008</b>	<b>41.2%</b>	<b>224,000,330</b>	<b>119,161,727</b>	<b>88.0%</b>	<b>42,579,466</b>	<b>42,455,666</b>	<b>0.3%</b>	<b>382,079,742</b>	<b>274,220,223</b>	<b>39.3%</b>