

CME Exchange Volume Comparison Report - Monthly

	Open Outcry MAR 2019	Open Outcry MAR 2018	% CHG	ELEC MAR 2019	ELEC MAR 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG
Interest Rate Futures												
1-MONTH EURODOLLAR	0	0	0.0%	50	5,552	-99.1%	0	0	0.0%	115	12,829	-99.1%
EURODOLLARS	682,846	1,111,558	-38.6%	67,703,928	84,822,480	-20.2%	2,126,540	3,053,489	-30.4%	172,121,837	240,355,898	-28.4%
SOFR	0	-	-	782,170	-	-	0	-	-	1,722,014	-	-
SONIA	0	-	-	168,036	-	-	0	-	-	460,866	-	-
Interest Rate Options												
EURODOLLARS	14,329,698	11,311,949	26.7%	7,759,714	4,921,042	57.7%	37,812,019	35,883,364	5.4%	19,050,274	17,711,450	7.6%
EURO MIDCURVE	7,320,311	11,135,124	-34.3%	5,924,411	5,706,771	3.8%	23,123,913	36,393,205	-36.5%	16,700,038	20,750,585	-19.5%

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Equity Index Futures												
BITCOIN FUTURES	0	0	0.0%	75,167	54,072	39.0%	0	0	0.0%	266,514	113,017	135.8%
E-mini FTSE 100 (USD)	0	0	0.0%	0	2,505	-100.0%	0	0	0.0%	336	6,252	-94.6%
E-mini FTSE China 50	0	0	0.0%	52	964	-94.6%	0	0	0.0%	693	4,489	-84.6%
E-MINI MIDCAP	0	0	0.0%	504,307	531,351	-5.1%	0	0	0.0%	1,080,656	1,261,181	-14.3%
E-MINI NASDAQ 100	0	0	0.0%	10,745,074	12,170,109	-11.7%	0	0	0.0%	29,232,193	29,092,576	0.5%
E-MINI RUSSELL 1000	0	0	0.0%	4,022	10,604	-62.1%	0	0	0.0%	8,906	29,060	-69.4%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	4,279	10,669	-59.9%	0	0	0.0%	7,405	22,252	-66.7%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	11,914	9,637	23.6%	0	0	0.0%	23,888	26,992	-11.5%
E-MINI RUSSELL 2000	0	0	0.0%	4,009,970	3,710,853	8.1%	0	0	0.0%	8,837,934	8,864,263	-0.3%
E-MINI S&P500	0	0	0.0%	38,473,212	47,115,197	-18.3%	0	0	0.0%	97,589,494	118,217,816	-17.4%
E-MINI S&P REAL ESTATE SEL	0	0	0.0%	9,966	6,282	58.6%	0	0	0.0%	21,106	11,081	90.5%
FT-SE 100	0	0	0.0%	0	2,432	-100.0%	0	0	0.0%	372	4,788	-92.2%
FTSE Emerging	0	0	0.0%	1,926	90	2,040.0%	0	0	0.0%	6,796	487	1,295.5%
IBOVESPA INDEX	0	0	0.0%	508	605	-16.0%	0	0	0.0%	2,293	3,400	-32.6%
NASDAQ BIOTECH	0	0	0.0%	244	0	0.0%	0	0	0.0%	326	0	0.0%
NIFTY 50	0	0	0.0%	0	760	-100.0%	0	0	0.0%	0	54,444	-100.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	290,565	530,369	-45.2%	0	0	0.0%	665,226	1,418,280	-53.1%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	842,475	1,282,949	-34.3%	228	0	0.0%	2,166,810	3,478,837	-37.7%
S&P 500	61,518	109,423	-43.8%	1,387	5,349	-74.1%	79,048	152,798	-48.3%	4,704	21,991	-78.6%
S&P 500/GI	0	0	0.0%	20	26	-23.1%	0	0	0.0%	20	26	-23.1%
S&P 500/VALUE	0	0	0.0%	11,036	2,266	387.0%	0	0	0.0%	29,696	9,719	205.5%
S&P 600 SMALLCAP EMINI	0	-	-	0	-	-	0	-	-	0	-	-
S&P CONSUMER DSCRTNRY S	0	0	0.0%	7,870	20,999	-62.5%	0	0	0.0%	27,074	39,276	-31.1%
S&P CONSUMER STAPLES SE	0	0	0.0%	18,164	25,481	-28.7%	0	0	0.0%	37,392	42,643	-12.3%
S&P ENERGY SECTOR	0	0	0.0%	21,876	26,073	-16.1%	0	0	0.0%	46,351	53,529	-13.4%
S&P FINANCIAL SECTOR	0	0	0.0%	16,600	51,623	-67.8%	0	0	0.0%	43,686	82,603	-47.1%
S&P HEALTH CARE SECTOR	0	0	0.0%	15,638	22,037	-29.0%	0	0	0.0%	37,371	39,115	-4.5%
S&P INDUSTRIAL SECTOR	0	0	0.0%	8,454	18,811	-55.1%	0	0	0.0%	28,672	32,297	-11.2%
S&P MATERIALS SECTOR	0	0	0.0%	9,264	10,768	-14.0%	0	0	0.0%	20,894	23,843	-12.4%
S&P TECHNOLOGY SECTOR	0	0	0.0%	12,036	31,992	-62.4%	0	0	0.0%	40,429	53,803	-24.9%
S&P UTILITIES SECTOR	0	0	0.0%	25,729	36,231	-29.0%	0	0	0.0%	60,418	64,184	-5.9%
YEN DENOMINATED TOPIX	0	0	0.0%	21,518	392	5,389.3%	0	0	0.0%	32,346	1,005	3,118.5%

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Equity Index Options												
E-MINI NASDAQ 100	0	0	0.0%	185,126	232,997	-20.5%	0	0	0.0%	613,923	868,907	-29.3%
E-MINI RUSSELL 2000	0	0	0.0%	10,849	25,315	-57.1%	0	0	0.0%	32,074	58,719	-45.4%
E-MINI S&P500	0	315	-100.0%	4,922,171	7,064,137	-30.3%	0	4,955	-100.0%	13,477,404	22,683,798	-40.6%
EOM E-MINI RUSSELL 2000 EN	0	0	0.0%	14,170	14,552	-2.6%	0	0	0.0%	20,338	26,346	-22.8%
EOM EMINI S&P	0	0	0.0%	1,988,523	3,239,347	-38.6%	0	0	0.0%	5,276,541	10,539,411	-49.9%
EOM S&P 500	142,364	133,286	6.8%	0	0	0.0%	379,013	909,089	-58.3%	0	0	0.0%
EOW1 E-MINI RUSSELL 2000 W	0	0	0.0%	2,241	3,493	-35.8%	0	0	0.0%	3,202	8,538	-62.5%
EOW1 E-MINI RUSSELL 2000 W	0	0	0.0%	1,896	4,147	-54.3%	0	0	0.0%	3,178	11,138	-71.5%
EOW1 EMINI S&P 500	0	0	0.0%	597,072	1,004,842	-40.6%	0	0	0.0%	2,314,447	3,686,724	-37.2%
EOW1 S&P 500	22,840	24,572	-7.0%	0	0	0.0%	190,632	201,409	-5.4%	0	0	0.0%
EOW2 E-MINI RUSSELL 2000 W	0	0	0.0%	4,283	7,543	-43.2%	0	0	0.0%	6,982	18,620	-62.5%
EOW2 EMINI S&P 500	0	0	0.0%	934,682	1,046,308	-10.7%	0	0	0.0%	2,790,176	4,853,007	-42.5%
EOW2 S&P 500	108,285	127,744	-15.2%	0	0	0.0%	432,519	505,758	-14.5%	0	0	0.0%
EOW3 E-MINI RUSSELL 2000 W	0	0	0.0%	11,168	44,098	-74.7%	0	0	0.0%	23,324	88,277	-73.6%
EOW3 EMINI S&P 500	0	0	0.0%	1,983,287	3,298,651	-39.9%	0	0	0.0%	7,156,857	14,418,599	-50.4%
EOW3 S&P 500	54,355	143,096	-62.0%	0	0	0.0%	432,692	1,371,336	-68.4%	0	0	0.0%
EOW4 E-MINI RUSSELL 2000 W	0	0	0.0%	5,153	16,540	-68.8%	0	0	0.0%	8,645	29,326	-70.5%
EOW4 EMINI S&P 500	0	0	0.0%	1,087,485	1,686,002	-35.5%	0	0	0.0%	3,020,004	4,658,495	-35.2%
S&P 500	276,585	427,092	-35.2%	0	0	0.0%	754,806	1,194,902	-36.8%	0	0	0.0%
FX Futures												
AD/CD CROSS RATES	0	0	0.0%	17	0	0.0%	0	0	0.0%	52	18	188.9%
AD/JY CROSS RATES	0	0	0.0%	2,282	4,921	-53.6%	0	0	0.0%	7,145	13,249	-46.1%
AD/NE CROSS RATES	0	0	0.0%	125	125	0.0%	0	0	0.0%	132	273	-51.6%
AUSTRALIAN DOLLAR	0	0	0.0%	2,268,426	2,566,193	-11.6%	0	0	0.0%	6,463,496	7,621,294	-15.2%
BDI	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
BP/JY CROSS RATES	0	0	0.0%	2,892	3,909	-26.0%	0	0	0.0%	6,132	11,710	-47.6%
BP/SF CROSS RATES	0	0	0.0%	401	433	-7.4%	0	0	0.0%	1,153	892	29.3%
BRAZIL REAL	0	0	0.0%	124,695	82,746	50.7%	0	0	0.0%	299,923	257,760	16.4%
BRITISH POUND	0	0	0.0%	3,346,492	3,008,241	11.2%	0	4	-100.0%	7,866,501	8,662,335	-9.2%
CANADIAN DOLLAR	0	0	0.0%	1,859,130	2,091,943	-11.1%	3	32	-90.6%	4,625,023	5,407,532	-14.5%
CD/JY CROSS RATES	0	0	0.0%	16	102	-84.3%	0	0	0.0%	18	102	-82.4%
CHINESE RENMINBI (CNH)	0	0	0.0%	20,530	3,245	532.7%	0	0	0.0%	78,389	7,724	914.9%

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FX Futures												
CZECK KORUNA (EC)	0	-	-	4	-	-	0	-	-	10	-	-
CZECK KORUNA (US)	0	-	-	0	-	-	0	-	-	0	-	-
EC/AD CROSS RATES	0	0	0.0%	9,699	2,949	228.9%	0	0	0.0%	13,435	4,891	174.7%
EC/CD CROSS RATES	0	0	0.0%	7,152	7,311	-2.2%	0	0	0.0%	8,721	12,970	-32.8%
EC/NOK CROSS RATES	0	0	0.0%	979	427	129.3%	0	0	0.0%	1,290	925	39.5%
EC/SEK CROSS RATES	0	0	0.0%	1,258	1,838	-31.6%	0	0	0.0%	1,808	2,908	-37.8%
EFX/BP CROSS RATES	0	0	0.0%	156,788	121,933	28.6%	0	0	0.0%	293,846	248,977	18.0%
EFX/JY CROSS RATES	0	0	0.0%	138,984	107,566	29.2%	0	0	0.0%	209,267	255,007	-17.9%
EFX/SF CROSS RATES	0	0	0.0%	46,541	39,998	16.4%	0	0	0.0%	84,288	89,332	-5.6%
E-MICRO AUD/USD	0	0	0.0%	122,996	94,520	30.1%	0	0	0.0%	378,921	314,610	20.4%
E-MICRO CAD/USD	0	0	0.0%	17,822	21,558	-17.3%	0	0	0.0%	47,320	61,270	-22.8%
E-MICRO CHF/USD	0	0	0.0%	2,787	1,322	110.8%	0	0	0.0%	6,083	4,152	46.5%
E-MICRO EUR/USD	0	0	0.0%	254,721	374,764	-32.0%	0	0	0.0%	764,470	1,208,449	-36.7%
E-MICRO GBP/USD	0	0	0.0%	76,546	55,294	38.4%	0	0	0.0%	157,491	189,159	-16.7%
E-MICRO INR/USD	0	0	0.0%	4,411	3,888	13.5%	0	0	0.0%	15,745	9,650	63.2%
E-MICRO JPY/USD	0	0	0.0%	25,058	40,873	-38.7%	0	0	0.0%	88,646	106,746	-17.0%
E-MINI EURO FX	0	0	0.0%	124,814	99,485	25.5%	0	0	0.0%	280,268	332,656	-15.7%
E-MINI JAPANESE YEN	0	0	0.0%	11,339	12,374	-8.4%	0	0	0.0%	37,286	41,141	-9.4%
EURO FX	3	8	-62.5%	5,446,392	6,273,308	-13.2%	11	428	-97.4%	12,877,406	17,299,348	-25.6%
HUNGARIAN FORINT (EC)	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HUNGARIAN FORINT (US)	0	-	-	0	-	-	0	-	-	4	-	-
INDIAN RUPEE	0	0	0.0%	72,076	64,409	11.9%	0	0	0.0%	243,565	281,037	-13.3%
JAPANESE YEN	0	5	-100.0%	2,891,845	3,537,625	-18.3%	0	10	-100.0%	7,558,341	10,394,833	-27.3%
KOREAN WON	0	0	0.0%	318	157	102.5%	0	0	0.0%	691	1,038	-33.4%
MEXICAN PESO	0	0	0.0%	1,812,278	1,622,355	11.7%	0	0	0.0%	4,055,730	4,003,073	1.3%
NEW ZEALND DOLLAR	0	0	0.0%	642,826	625,513	2.8%	0	0	0.0%	1,778,504	2,038,268	-12.7%
NKR/USD CROSS RATE	0	0	0.0%	5,897	5,266	12.0%	0	0	0.0%	9,575	10,203	-6.2%
POLISH ZLOTY (EC)	0	0	0.0%	160	10	1,500.0%	0	0	0.0%	223	44	406.8%
POLISH ZLOTY (US)	0	0	0.0%	114	125	-8.8%	0	0	0.0%	323	370	-12.7%
RMB USD	0	0	0.0%	0	1	-100.0%	0	0	0.0%	1	15	-93.3%
RUSSIAN RUBLE	0	0	0.0%	105,758	80,417	31.5%	0	0	0.0%	184,645	155,747	18.6%
S.AFRICAN RAND	0	0	0.0%	59,847	47,177	26.9%	0	0	0.0%	125,806	125,593	0.2%
SF/JY CROSS RATES	0	0	0.0%	0	0	0.0%	0	0	0.0%	7	0	0.0%
SHEKEL	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
SKR/USD CROSS RATES	0	0	0.0%	4,565	5,042	-9.5%	0	0	0.0%	8,086	8,962	-9.8%

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FX Futures												
SWISS FRANC	0	0	0.0%	683,053	641,959	6.4%	0	0	0.0%	1,485,875	1,852,851	-19.8%
TURKISH LIRA	0	0	0.0%	8	0	0.0%	0	0	0.0%	8	0	0.0%
USDZAR	0	0	0.0%	0	1	-100.0%	0	0	0.0%	20	5	300.0%
FX Options												
AUD/USD PQO 2pm Fix	0	0	0.0%	102,499	116,789	-12.2%	0	0	0.0%	290,602	393,296	-26.1%
AUSTRALIAN DLR (EU)	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
AUSTRALIAN DOLLAR	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
BRITISH POUND	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
BRITISH POUND (EU)	0	0	0.0%	0	7	-100.0%	0	0	0.0%	0	114	-100.0%
CAD/USD PQO 2pm Fix	27	692	-96.1%	113,276	159,588	-29.0%	241	1,592	-84.9%	307,809	511,642	-39.8%
CANADIAN DOLLAR	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CANADIAN DOLLAR (EU)	0	0	0.0%	0	1	-100.0%	0	0	0.0%	0	63	-100.0%
CHF/USD PQO 2pm Fix	0	0	0.0%	3,464	1,058	227.4%	0	0	0.0%	7,277	4,959	46.7%
EFX/BP CROSS RATES	0	-	-	19	-	-	0	-	-	74	-	-
EFX/JY CROSS RATES	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
EURO FX	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EURO FX (EU)	0	0	0.0%	0	5	-100.0%	0	0	0.0%	0	21	-100.0%
EUR/USD PQO 2pm Fix	1,635	549	197.8%	566,282	697,822	-18.9%	3,873	4,006	-3.3%	1,561,802	2,633,768	-40.7%
GBP/USD PQO 2pm Fix	30	72	-58.3%	220,040	227,149	-3.1%	163	437	-62.7%	603,434	783,793	-23.0%
JAPANESE YEN	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
JAPANESE YEN (EU)	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
JPY/USD PQO 2pm Fix	5	1,325	-99.6%	204,833	280,208	-26.9%	25	2,913	-99.1%	547,616	849,800	-35.6%
MEXICAN PESO	0	200	-100.0%	1,919	1,219	57.4%	900	900	0.0%	4,207	2,373	77.3%
NEW ZEALND DOLLAR	0	-	-	64	-	-	0	-	-	2,146	-	-
SWISS FRANC	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SWISS FRANC (EU)	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
Foreign Exchange Futures												
CHILEAN PESO	0	0	0.0%	0	1,758	-100.0%	0	0	0.0%	0	6,912	-100.0%

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Foreign Exchange Options												
AUD/USD PQO 2pm Fix	0	0	0.0%	1,436	333	331.2%	0	0	0.0%	2,808	1,506	86.5%
Ag Products Futures												
BUTTER CS	0	0	0.0%	3,472	3,209	8.2%	0	0	0.0%	11,240	15,267	-26.4%
CASH-SETTLED CHEESE	0	0	0.0%	11,762	6,578	78.8%	0	0	0.0%	38,964	28,753	35.5%
CATTLE	1,744	2,233	-21.9%	1,775,624	1,618,850	9.7%	4,198	4,620	-9.1%	4,568,441	4,184,631	9.2%
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	28	0	0.0%	1,894	458	313.5%	93	0	0.0%	7,241	1,890	283.1%
DRY WHEY	0	0	0.0%	1,040	682	52.5%	0	0	0.0%	4,423	3,840	15.2%
FEEDER CATTLE	9	2	350.0%	368,993	339,713	8.6%	9	7	28.6%	894,129	882,402	1.3%
GOLDMAN SACHS	0	0	0.0%	27,033	34,285	-21.2%	0	0	0.0%	89,965	93,948	-4.2%
GSCI EXCESS RETURN FUT	0	0	0.0%	0	296	-100.0%	0	0	0.0%	0	296	-100.0%
HDD EURO SEASONAL STRIP	-	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	55	-100.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HOGS	2,882	1,664	73.2%	1,710,568	1,147,147	49.1%	5,221	4,844	7.8%	3,801,399	3,068,372	23.9%
HOUSING INDEX	0	0	0.0%	42	9	366.7%	0	0	0.0%	47	21	123.8%
LUMBER	0	0	0.0%	11,018	15,084	-27.0%	0	0	0.0%	39,936	51,375	-22.3%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MILK	3	0	0.0%	23,080	17,409	32.6%	81	212	-61.8%	75,541	59,461	27.0%
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%	6,607	5,600	18.0%	0	38	-100.0%	20,975	15,583	34.6%
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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	Open Outcry MAR 2019	Open Outcry MAR 2018	% CHG	ELEC MAR 2019	ELEC MAR 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG
Ag Products Options												
BUTTER CS	399	752	-46.9%	2,410	985	144.7%	2,929	2,673	9.6%	9,358	5,456	71.5%
CASH-SETTLED CHEESE	1,760	1,658	6.2%	6,907	3,361	105.5%	9,033	7,919	14.1%	25,290	21,317	18.6%
CATTLE	40,431	43,223	-6.5%	213,916	287,556	-25.6%	76,628	90,065	-14.9%	503,632	723,069	-30.3%
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%
CLASS IV MILK	573	9	6,266.7%	3,345	280	1,094.6%	1,907	81	2,254.3%	11,722	2,725	330.2%
DRY WHEY	22	139	-84.2%	1,000	215	365.1%	64	697	-90.8%	2,442	795	207.2%
FEEDER CATTLE	1,922	2,281	-15.7%	31,445	43,176	-27.2%	2,754	7,902	-65.1%	74,214	101,265	-26.7%
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%
HDD WEATHER EUROPEAN	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
HOGS	56,919	31,872	78.6%	488,806	191,607	155.1%	117,571	73,771	59.4%	911,859	480,192	89.9%
HOUSING INDEX	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
LUMBER	60	0	0.0%	2,165	1,551	39.6%	70	131	-46.6%	5,505	5,492	0.2%
LV CATL CSO	30	5	500.0%	0	0	0.0%	409	10	3,990.0%	0	0	0.0%
MILK	2,071	6,163	-66.4%	26,873	16,424	63.6%	7,030	16,502	-57.4%	99,853	60,505	65.0%
MLK MID OPTIONS	4	39	-89.7%	34	0	0.0%	8	123	-93.5%	98	0	0.0%
NFD MILK	65	1,497	-95.7%	5,216	4,549	14.7%	459	4,292	-89.3%	27,077	10,252	164.1%
TOTAL FUTURES GROUP												
Interest Rate Futures	682,846	1,111,558	-38.6%	68,654,184	84,828,032	-19.1%	2,126,540	3,053,489	-30.4%	174,304,832	240,368,727	-27.5%
Equity Index Futures	61,518	109,423	-43.8%	55,143,273	65,691,496	-16.1%	79,276	152,798	-48.1%	140,320,001	163,073,249	-14.0%
FX Futures	3	13	-76.9%	20,352,042	21,651,323	-6.0%	14	474	-97.0%	50,065,669	61,037,119	-18.0%
Foreign Exchange Futures	0	0	0.0%	0	1,758	-100.0%	0	0	0.0%	0	6,912	-100.0%
Ag Products Futures	4,666	3,899	19.7%	3,941,133	3,189,320	23.6%	9,602	9,721	-1.2%	9,552,301	8,405,894	13.6%
TOTAL FUTURES	749,033	1,224,893	-38.8%	148,090,632	175,361,929	-15.6%	2,215,432	3,216,482	-31.1%	374,242,803	472,891,901	-20.9%

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.

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	Open Outcry MAR 2019	Open Outcry MAR 2018	% CHG	ELEC MAR 2019	ELEC MAR 2018	% CHG	Open Outcry Y.T.D 2019	Open Outcry Y.T.D 2018	% CHG	ELEC Y.T.D 2019	ELEC Y.T.D 2018	% CHG
TOTAL OPTIONS GROUP												
Equity Index Options	604,429	856,105	-29.4%	11,748,106	17,687,972	-33.6%	2,189,662	4,187,449	-47.7%	34,747,095	61,949,905	-43.9%
Interest Rate Options	21,650,009	22,447,073	-3.6%	13,684,125	10,627,813	28.8%	60,935,932	72,276,569	-15.7%	35,750,312	38,462,035	-7.1%
FX Options	1,697	2,838	-40.2%	1,212,396	1,483,846	-18.3%	5,202	9,848	-47.2%	3,324,967	5,179,829	-35.8%
Ag Products Options	104,256	87,638	19.0%	782,117	549,704	42.3%	218,862	204,166	7.2%	1,671,050	1,411,068	18.4%
Foreign Exchange Options	0	0	0.0%	1,436	333	331.2%	0	0	0.0%	2,808	1,506	86.5%
TOTAL OPTIONS	22,360,391	23,393,654	-4.4%	27,428,180	30,349,668	-9.6%	63,349,658	76,678,032	-17.4%	75,496,232	107,004,343	-29.4%
TOTAL COMBINED												
Interest Rate	22,332,855	23,558,631	-5.2%	82,338,309	95,455,845	-13.7%	63,062,472	75,330,058	-16.3%	210,055,144	278,830,762	-24.7%
Equity Index	665,947	965,528	-31.0%	66,891,379	83,379,468	-19.8%	2,268,938	4,340,247	-47.7%	175,067,096	225,023,154	-22.2%
FX	1,700	2,851	-40.4%	21,564,438	23,135,169	-6.8%	5,216	10,322	-49.5%	53,390,636	66,216,948	-19.4%
Foreign Exchange	0	0	0.0%	1,436	2,091	-31.3%	0	0	0.0%	2,808	8,418	-66.6%
Ag Products	108,922	91,537	19.0%	4,723,250	3,739,024	26.3%	228,464	213,887	6.8%	11,223,351	9,816,962	14.3%
GRAND TOTAL	23,109,424	24,618,547	-6.1%	175,518,812	205,711,597	-14.7%	65,565,090	79,894,514	-17.9%	449,739,035	579,896,244	-22.4%