



## CME Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2018	Open Outcry APR 2017	% CHG	ELEC APR 2018	ELEC APR 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG
<b>Interest Rate Futures</b>												
1-MONTH EURODOLLAR	0	0	0.0%	1,282	8,012	-84.0%	0	0	0.0%	14,111	13,393	5.4%
EURODOLLARS	912,451	684,773	33.2%	51,962,886	50,119,573	3.7%	3,965,940	2,826,590	40.3%	292,318,784	238,056,890	22.8%
<b>Interest Rate Options</b>												
EURODOLLARS	9,070,866	10,469,494	-13.4%	3,757,117	5,026,231	-25.2%	44,954,230	41,474,949	8.4%	21,468,567	16,949,018	26.7%
EURO MIDCURVE	7,480,525	9,726,804	-23.1%	4,430,530	5,873,102	-24.6%	43,873,730	42,051,555	4.3%	25,181,115	20,790,889	21.1%

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<b>Equity Index Futures</b>												
BITCOIN FUTURES	0	-	-	78,590	-	-	0	-	-	191,607	-	-
E-mini FTSE 100 (USD)	0	0	0.0%	1,334	10	13,240.0%	0	0	0.0%	7,586	34	22,211.8%
E-mini FTSE China 50	0	0	0.0%	1,169	680	71.9%	0	0	0.0%	5,658	5,187	9.1%
E-MINI MIDCAP	0	0	0.0%	327,328	320,224	2.2%	0	0	0.0%	1,588,509	1,487,016	6.8%
E-MINI NASDAQ 100	0	0	0.0%	9,989,301	4,349,962	129.6%	0	0	0.0%	39,081,877	16,992,063	130.0%
E-MINI RUSSELL 1000	0	0	0.0%	7,354	875	740.5%	0	0	0.0%	36,414	4,237	759.4%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	10,128	1,387	630.2%	0	0	0.0%	32,380	2,716	1,092.2%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	6,648	1,747	280.5%	0	0	0.0%	33,640	7,373	356.3%
E-MINI RUSSELL 2000	0	-	-	2,188,717	-	-	0	-	-	11,052,980	-	-
E-MINI S&P500	0	0	0.0%	35,303,475	27,315,616	29.2%	0	0	0.0%	153,521,291	125,732,912	22.1%
E-MINI S&P REAL ESTATE SEL	0	0	0.0%	4,154	3,246	28.0%	0	0	0.0%	15,235	8,951	70.2%
FT-SE 100	0	0	0.0%	1,558	254	513.4%	0	0	0.0%	6,346	994	538.4%
FTSE Emerging	0	0	0.0%	25	0	0.0%	0	0	0.0%	512	72	611.1%
IBOVESPA INDEX	0	0	0.0%	1,569	702	123.5%	0	0	0.0%	4,969	2,822	76.1%
NASDAQ BIOTECH	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NIFTY 50	0	0	0.0%	0	14,295	-100.0%	0	0	0.0%	54,444	28,111	93.7%
NIKKEI 225 (\$) STOCK	0	0	0.0%	242,944	242,852	0.0%	0	0	0.0%	1,661,224	1,143,263	45.3%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	757,063	828,929	-8.7%	0	0	0.0%	4,235,900	3,787,973	11.8%
S&P 500	20,436	26,001	-21.4%	4,186	2,740	52.8%	173,234	300,908	-42.4%	26,177	20,364	28.5%
S&P 500/GI	0	0	0.0%	0	3	-100.0%	0	0	0.0%	26	55	-52.7%
S&P 500/VALUE	0	0	0.0%	4,822	5,324	-9.4%	0	0	0.0%	14,541	20,641	-29.6%
S&P CONSUMER DSCRTNRY S	0	0	0.0%	18,181	1,849	883.3%	0	0	0.0%	57,457	18,245	214.9%
S&P CONSUMER STAPLES SE	0	0	0.0%	7,377	2,496	195.6%	0	0	0.0%	50,020	28,981	72.6%
S&P ENERGY SECTOR	0	0	0.0%	16,453	8,124	102.5%	0	0	0.0%	69,982	45,137	55.0%
S&P FINANCIAL SECTOR	0	0	0.0%	29,026	11,144	160.5%	0	0	0.0%	111,629	53,580	108.3%
S&P HEALTH CARE SECTOR	0	0	0.0%	10,315	4,167	147.5%	0	0	0.0%	49,430	38,826	27.3%
S&P INDUSTRIAL SECTOR	0	0	0.0%	14,762	1,109	1,231.1%	0	0	0.0%	47,059	14,872	216.4%
S&P MATERIALS SECTOR	0	0	0.0%	6,526	2,692	142.4%	0	0	0.0%	30,369	20,667	46.9%
S&P TECHNOLOGY SECTOR	0	0	0.0%	19,182	2,040	840.3%	0	0	0.0%	72,985	19,583	272.7%
S&P UTILITIES SECTOR	0	0	0.0%	17,540	6,746	160.0%	0	0	0.0%	81,724	55,418	47.5%
YEN DENOMINATED TOPIX	0	-	-	52	-	-	0	-	-	1,057	-	-

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<b>Equity Index Options</b>												
E-MINI MIDCAP	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
E-MINI NASDAQ 100	0	0	0.0%	257,136	126,039	104.0%	0	0	0.0%	1,126,043	675,677	66.7%
E-MINI RUSSELL 2000	0	-	-	5,124	-	-	0	-	-	63,843	-	-
E-MINI S&P500	0	0	0.0%	4,864,439	3,021,978	61.0%	4,955	0	0.0%	27,548,237	15,848,497	73.8%
EOM E-MINI RUSSELL 2000 EN	0	-	-	1,984	-	-	0	-	-	28,330	-	-
EOM EMINI S&P	0	0	0.0%	1,892,120	2,201,165	-14.0%	0	0	0.0%	12,431,531	8,400,810	48.0%
EOM S&P 500	86,640	166,336	-47.9%	0	0	0.0%	995,729	738,336	34.9%	0	0	0.0%
EOW1 E-MINI RUSSELL 2000 W	0	-	-	2,425	-	-	0	-	-	10,963	-	-
EOW1 E-MINI RUSSELL 2000 W	0	-	-	3,008	-	-	0	-	-	14,146	-	-
EOW1 EMINI S&P 500	0	0	0.0%	1,274,677	1,310,244	-2.7%	0	0	0.0%	4,961,401	4,804,539	3.3%
EOW1 S&P 500	74,428	97,157	-23.4%	0	0	0.0%	275,837	307,170	-10.2%	0	0	0.0%
EOW2 E-MINI RUSSELL 2000 W	0	-	-	4,609	-	-	0	-	-	23,229	-	-
EOW2 EMINI S&P 500	0	0	0.0%	1,697,501	1,139,512	49.0%	0	0	0.0%	6,550,508	4,584,010	42.9%
EOW2 S&P 500	137,389	64,364	113.5%	0	0	0.0%	643,147	611,824	5.1%	0	0	0.0%
EOW3 E-MINI RUSSELL 2000 W	0	-	-	22,614	-	-	0	-	-	110,891	-	-
EOW3 EMINI S&P 500	0	0	0.0%	4,642,092	4,384,632	5.9%	0	0	0.0%	19,060,691	15,666,845	21.7%
EOW3 S&P 500	337,128	400,561	-15.8%	0	0	0.0%	1,708,464	1,511,394	13.0%	0	0	0.0%
EOW4 E-MINI RUSSELL 2000 W	0	-	-	3,856	-	-	0	-	-	33,182	-	-
EOW4 EMINI S&P 500	0	0	0.0%	1,228,546	59,717	1,957.3%	0	0	0.0%	5,887,041	3,514,793	67.5%
S&P 500	194,223	176,543	10.0%	0	0	0.0%	1,389,125	1,152,442	20.5%	0	0	0.0%
<b>FX Futures</b>												
AD/CD CROSS RATES	0	0	0.0%	4	6	-33.3%	0	0	0.0%	22	21	4.8%
AD/JY CROSS RATES	0	0	0.0%	2,477	1,519	63.1%	0	0	0.0%	15,726	7,697	104.3%
AD/NE CROSS RATES	0	0	0.0%	62	36	72.2%	0	0	0.0%	335	110	204.5%
AUSTRALIAN DOLLAR	0	0	0.0%	1,924,572	1,545,274	24.5%	0	747	-100.0%	9,545,866	7,134,063	33.8%
BDI	0	0	0.0%	0	1,201	-100.0%	0	0	0.0%	0	5,403	-100.0%
BP/JY CROSS RATES	0	0	0.0%	2,811	2,421	16.1%	0	0	0.0%	14,521	9,003	61.3%
BP/SF CROSS RATES	0	0	0.0%	275	288	-4.5%	0	0	0.0%	1,167	308	278.9%
BRAZIL REAL	0	0	0.0%	103,598	52,961	95.6%	0	0	0.0%	361,358	173,832	107.9%
BRITISH POUND	3	2	50.0%	2,244,468	1,999,789	12.2%	7	248	-97.2%	10,906,803	9,549,708	14.2%
CANADIAN DOLLAR	1	4	-75.0%	1,527,425	1,269,615	20.3%	33	766	-95.7%	6,934,957	5,473,973	26.7%
CD/JY CROSS RATES	0	0	0.0%	218	154	41.6%	0	0	0.0%	320	432	-25.9%

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<b>FX Futures</b>												
CHINESE RENMINBI (CNH)	0	0	0.0%	1,781	528	237.3%	0	0	0.0%	9,505	5,803	63.8%
EC/AD CROSS RATES	0	0	0.0%	662	1,814	-63.5%	0	0	0.0%	5,553	9,505	-41.6%
EC/CD CROSS RATES	0	0	0.0%	1,947	1,944	0.2%	0	0	0.0%	14,917	11,872	25.6%
EC/NOK CROSS RATES	0	0	0.0%	302	11	2,645.5%	0	0	0.0%	1,227	126	873.8%
EC/SEK CROSS RATES	0	0	0.0%	140	126	11.1%	0	0	0.0%	3,048	604	404.6%
EFX/BP CROSS RATES	0	0	0.0%	56,167	47,181	19.0%	0	0	0.0%	305,144	219,308	39.1%
EFX/JY CROSS RATES	0	0	0.0%	45,633	52,913	-13.8%	0	0	0.0%	300,640	190,990	57.4%
EFX/SF CROSS RATES	0	0	0.0%	14,611	22,723	-35.7%	0	0	0.0%	103,943	110,353	-5.8%
E-MICRO AUD/USD	0	0	0.0%	84,891	60,039	41.4%	0	0	0.0%	399,501	321,952	24.1%
E-MICRO CAD/USD	0	0	0.0%	13,835	17,020	-18.7%	0	0	0.0%	75,105	60,367	24.4%
E-MICRO CHF/USD	0	0	0.0%	1,026	840	22.1%	0	0	0.0%	5,178	3,593	44.1%
E-MICRO EUR/USD	0	0	0.0%	356,765	234,641	52.0%	0	0	0.0%	1,565,214	1,064,540	47.0%
E-MICRO GBP/USD	0	0	0.0%	45,062	58,988	-23.6%	0	0	0.0%	234,221	254,618	-8.0%
E-MICRO INR/USD	0	0	0.0%	3,317	2,682	23.7%	0	0	0.0%	12,967	9,437	37.4%
E-MICRO JPY/USD	0	0	0.0%	33,026	41,769	-20.9%	0	0	0.0%	139,772	203,482	-31.3%
E-MICRO USD/CAD	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
E-MICRO USD/CHF	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
E-MICRO USD/CNH	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
E-MICRO USD/JPY	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
E-MINI EURO FX	0	0	0.0%	63,198	73,178	-13.6%	0	0	0.0%	395,854	333,248	18.8%
E-MINI JAPANESE YEN	0	0	0.0%	10,054	26,059	-61.4%	0	0	0.0%	51,195	124,102	-58.7%
EURO FX	9	512	-98.2%	4,391,968	3,334,399	31.7%	437	1,608	-72.8%	21,691,316	17,027,516	27.4%
HUNGARIAN FORINT (EC)	0	-	-	0	-	-	0	-	-	0	-	-
INDIAN RUPEE	0	0	0.0%	69,277	26,122	165.2%	0	0	0.0%	350,314	110,857	216.0%
JAPANESE YEN	7	1,172	-99.4%	2,594,103	2,981,741	-13.0%	17	7,362	-99.8%	12,988,936	13,547,965	-4.1%
KOREAN WON	0	0	0.0%	149	11	1,254.5%	0	0	0.0%	1,187	55	2,058.2%
MEXICAN PESO	0	0	0.0%	1,194,946	824,666	44.9%	0	5	-100.0%	5,198,019	3,891,070	33.6%
NEW ZEALND DOLLAR	0	0	0.0%	583,105	315,259	85.0%	0	0	0.0%	2,621,373	1,879,172	39.5%
NKR/USD CROSS RATE	0	0	0.0%	3,455	799	332.4%	0	0	0.0%	13,658	7,034	94.2%
POLISH ZLOTY (EC)	0	0	0.0%	4	71	-94.4%	0	0	0.0%	48	135	-64.4%
POLISH ZLOTY (US)	0	0	0.0%	68	40	70.0%	0	0	0.0%	438	508	-13.8%
RMB USD	0	0	0.0%	0	2	-100.0%	0	0	0.0%	15	121	-87.6%
RUSSIAN RUBLE	0	0	0.0%	85,099	25,649	231.8%	0	0	0.0%	240,846	125,353	92.1%
S.AFRICAN RAND	0	0	0.0%	34,752	35,409	-1.9%	0	0	0.0%	160,345	166,465	-3.7%
SF/JY CROSS RATES	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%

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<b>FX Futures</b>												
SHEKEL	0	-	-	0	-	-	0	-	-	0	-	-
SKR/USD CROSS RATES	0	0	0.0%	3,355	1,414	137.3%	0	0	0.0%	12,317	7,310	68.5%
SWISS FRANC	0	0	0.0%	479,569	390,636	22.8%	0	0	0.0%	2,332,420	1,826,915	27.7%
TURKISH LIRA	0	0	0.0%	0	12	-100.0%	0	0	0.0%	0	12	-100.0%
USDZAR	0	0	0.0%	0	0	0.0%	0	0	0.0%	5	0	0.0%
<b>FX Options</b>												
AUD/USD PQO 2pm Fix	0	0	0.0%	121,428	62,439	94.5%	0	1,375	-100.0%	514,724	274,638	87.4%
AUSTRALIAN DLR (EU)	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2	-100.0%
AUSTRALIAN DOLLAR	0	150	-100.0%	0	20,874	-100.0%	0	2,423	-100.0%	0	145,056	-100.0%
BRITISH POUND	0	44	-100.0%	0	49,259	-100.0%	0	651	-100.0%	0	271,637	-100.0%
BRITISH POUND (EU)	0	0	0.0%	3	196	-98.5%	0	0	0.0%	117	821	-85.7%
CAD/USD PQO 2pm Fix	17	25	-32.0%	163,140	72,066	126.4%	1,609	1,765	-8.8%	674,782	291,630	131.4%
CANADIAN DOLLAR	0	61	-100.0%	0	23,156	-100.0%	0	1,682	-100.0%	0	128,097	-100.0%
CANADIAN DOLLAR (EU)	0	0	0.0%	0	5	-100.0%	0	0	0.0%	63	46	37.0%
CHF/USD PQO 2pm Fix	0	0	0.0%	3,446	1,423	142.2%	0	0	0.0%	8,405	8,034	4.6%
EFX/JY CROSS RATES	0	-	-	0	-	-	0	-	-	0	-	-
EURO FX	0	2,533	-100.0%	0	259,524	-100.0%	0	7,757	-100.0%	0	891,831	-100.0%
EURO FX (EU)	0	0	0.0%	0	23	-100.0%	0	0	0.0%	21	229	-90.8%
EUR/USD PQO 2pm Fix	243	3,587	-93.2%	582,666	479,007	21.6%	4,249	11,015	-61.4%	3,216,434	1,529,630	110.3%
GBP/USD PQO 2pm Fix	18	10	80.0%	208,991	107,202	95.0%	455	509	-10.6%	992,784	500,787	98.2%
JAPANESE YEN	0	1,506	-100.0%	0	62,626	-100.0%	0	7,502	-100.0%	0	415,149	-100.0%
JAPANESE YEN (EU)	0	0	0.0%	0	28	-100.0%	0	0	0.0%	0	133	-100.0%
JPY/USD PQO 2pm Fix	240	1,583	-84.8%	257,818	183,661	40.4%	3,153	24,810	-87.3%	1,107,618	816,622	35.6%
MEXICAN PESO	580	140	314.3%	4,653	614	657.8%	1,480	249	494.4%	7,026	17,506	-59.9%
RUSSIAN RUBLE	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SWISS FRANC	0	0	0.0%	0	468	-100.0%	0	0	0.0%	0	4,145	-100.0%
SWISS FRANC (EU)	0	0	0.0%	0	4	-100.0%	0	0	0.0%	0	5	-100.0%
<b>Foreign Exchange Futures</b>												
CHILEAN PESO	0	0	0.0%	747	380	96.6%	0	0	0.0%	7,659	909	742.6%

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<b>Foreign Exchange Options</b>												
AUD/USD PQO 2pm Fix	0	-	-	560	-	-	0	-	-	2,066	-	-
<b>Ag Products Futures</b>												
BUTTER CS	0	0	0.0%	3,296	2,683	22.8%	0	0	0.0%	18,563	11,873	56.3%
CASH-SETTLED CHEESE	0	0	0.0%	8,001	8,671	-7.7%	0	0	0.0%	36,754	44,999	-18.3%
CAT EURO SEASONAL STRIP	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CATTLE	1,199	2,628	-54.4%	1,292,477	1,253,355	3.1%	5,819	13,142	-55.7%	5,477,108	5,047,160	8.5%
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	0	10	-100.0%	550	421	30.6%	0	60	-100.0%	2,440	5,331	-54.2%
DRY WHEY	0	0	0.0%	910	1,566	-41.9%	0	0	0.0%	4,750	10,149	-53.2%
FEEDER CATTLE	5	168	-97.0%	339,737	355,511	-4.4%	12	297	-96.0%	1,222,139	1,090,835	12.0%
GOLDMAN SACHS	0	0	0.0%	30,782	32,392	-5.0%	0	0	0.0%	124,730	138,120	-9.7%
GSCI EXCESS RETURN FUT	0	0	0.0%	0	0	0.0%	0	0	0.0%	296	327	-9.5%
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%	55	50	10.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	50	-100.0%
HOGS	1,555	2,034	-23.5%	960,469	682,839	40.7%	6,399	9,616	-33.5%	4,028,841	3,221,080	25.1%
HOUSING INDEX	0	0	0.0%	9	4	125.0%	0	0	0.0%	30	51	-41.2%
LUMBER	0	0	0.0%	22,439	21,607	3.9%	0	0	0.0%	73,814	67,762	8.9%
MALAYSIAN PALM SWAP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
MILK	0	3	-100.0%	18,985	20,260	-6.3%	212	584	-63.7%	78,446	108,720	-27.8%
MLK MID OPTIONS	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NFD MILK	5	0	0.0%	7,080	2,290	209.2%	43	0	0.0%	22,663	21,478	5.5%
PALM OIL	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	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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## CME Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2018	Open Outcry APR 2017	% CHG	ELEC APR 2018	ELEC APR 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG
<b>Ag Products Options</b>												
BUTTER CS	2,241	826	171.3%	2,935	177	1,558.2%	4,914	3,761	30.7%	8,391	989	748.4%
CASH-SETTLED CHEESE	2,821	3,230	-12.7%	5,574	3,770	47.9%	10,740	16,279	-34.0%	26,891	14,001	92.1%
CATTLE	29,285	52,946	-44.7%	272,589	222,874	22.3%	119,350	231,151	-48.4%	995,658	826,255	20.5%
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	259	148	75.0%	689	1,542	-55.3%	340	1,750	-80.6%	3,414	4,414	-22.7%
DRY WHEY	42	369	-88.6%	184	237	-22.4%	739	1,384	-46.6%	979	507	93.1%
FEEDER CATTLE	2,172	4,796	-54.7%	31,985	43,324	-26.2%	10,074	13,336	-24.5%	133,250	128,862	3.4%
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%	0	0	0.0%
HOGS	35,491	16,017	121.6%	175,363	155,857	12.5%	109,262	93,558	16.8%	655,555	609,994	7.5%
HOUSING INDEX	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	24	-100.0%
LUMBER	5	5	0.0%	1,904	1,628	17.0%	136	30	353.3%	7,396	5,024	47.2%
LV CATL CSO	10	200	-95.0%	0	0	0.0%	20	1,055	-98.1%	0	0	0.0%
MILK	6,760	11,810	-42.8%	21,471	18,280	17.5%	23,262	50,902	-54.3%	81,976	95,371	-14.0%
MLK MID OPTIONS	87	19	357.9%	0	0	0.0%	210	329	-36.2%	0	0	0.0%
NFD MILK	1,622	1,197	35.5%	7,572	925	718.6%	5,914	7,777	-24.0%	17,824	11,357	56.9%
<b>TOTAL FUTURES GROUP</b>												
Interest Rate Futures	912,451	684,773	33.2%	51,964,168	50,127,585	3.7%	3,965,940	2,826,590	40.3%	292,332,895	238,070,283	22.8%
Equity Index Futures	20,436	26,001	-21.4%	49,069,779	33,129,213	48.1%	173,234	300,908	-42.4%	212,143,028	149,540,093	41.9%
FX Futures	20	1,690	-98.8%	15,978,177	13,451,950	18.8%	494	10,736	-95.4%	77,015,296	63,868,938	20.6%
Foreign Exchange Futures	0	0	0.0%	747	380	96.6%	0	0	0.0%	7,659	909	742.6%
Ag Products Futures	2,764	4,843	-42.9%	2,684,735	2,381,599	12.7%	12,485	23,699	-47.3%	11,090,629	9,767,985	13.5%
<b>TOTAL FUTURES</b>	<b>935,671</b>	<b>717,307</b>	<b>30.4%</b>	<b>119,697,606</b>	<b>99,090,727</b>	<b>20.8%</b>	<b>4,152,153</b>	<b>3,161,933</b>	<b>31.3%</b>	<b>592,589,507</b>	<b>461,248,208</b>	<b>28.5%</b>

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## CME Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2018	Open Outcry APR 2017	% CHG	ELEC APR 2018	ELEC APR 2017	% CHG	Open Outcry Y.T.D 2018	Open Outcry Y.T.D 2017	% CHG	ELEC Y.T.D 2018	ELEC Y.T.D 2017	% CHG
<b>TOTAL OPTIONS GROUP</b>												
Equity Index Options	829,808	904,961	-8.3%	15,900,131	12,243,287	29.9%	5,017,257	4,321,166	16.1%	77,850,036	53,495,171	45.5%
Interest Rate Options	16,551,391	20,196,298	-18.0%	8,187,647	10,899,333	-24.9%	88,827,960	83,526,504	6.3%	46,649,682	37,739,907	23.6%
FX Options	1,098	9,639	-88.6%	1,342,145	1,322,575	1.5%	10,946	59,738	-81.7%	6,521,974	5,295,998	23.1%
Ag Products Options	80,795	91,563	-11.8%	520,266	448,614	16.0%	284,961	421,312	-32.4%	1,931,334	1,696,798	13.8%
Foreign Exchange Options	0	-	-	560	-	-	0	-	-	2,066	-	-
<b>TOTAL OPTIONS</b>	<b>17,463,092</b>	<b>21,202,461</b>	<b>-17.6%</b>	<b>25,950,749</b>	<b>24,913,809</b>	<b>4.2%</b>	<b>94,141,124</b>	<b>88,328,720</b>	<b>6.6%</b>	<b>132,955,092</b>	<b>98,227,874</b>	<b>35.4%</b>
<b>TOTAL COMBINED</b>												
Interest Rate	17,463,842	20,881,071	-16.4%	60,151,815	61,026,918	-1.4%	92,793,900	86,353,094	7.5%	338,982,577	275,810,190	22.9%
Equity Index	850,244	930,962	-8.7%	64,969,910	45,372,500	43.2%	5,190,491	4,622,074	12.3%	289,993,064	203,035,264	42.8%
FX	1,118	11,329	-90.1%	17,320,322	14,774,525	17.2%	11,440	70,474	-83.8%	83,537,270	69,164,936	20.8%
Foreign Exchange	0	0	0.0%	1,307	380	243.9%	0	0	0.0%	9,725	909	969.9%
Ag Products	83,559	96,406	-13.3%	3,205,001	2,830,213	13.2%	297,446	445,011	-33.2%	13,021,963	11,464,783	13.6%
<b>GRAND TOTAL</b>	<b>18,398,763</b>	<b>21,919,768</b>	<b>-16.1%</b>	<b>145,648,355</b>	<b>124,004,536</b>	<b>17.5%</b>	<b>98,293,277</b>	<b>91,490,653</b>	<b>7.4%</b>	<b>725,544,599</b>	<b>559,476,082</b>	<b>29.7%</b>

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