

## CME Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2017	Open Outcry FEB 2016	% CHG	ELEC FEB 2017	ELEC FEB 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG
<b>Interest Rate Futures</b>												
EURODOLLARS	561,280	669,094	-16.1%	55,861,780	57,625,955	-3.1%	1,261,466	1,616,803	-22.0%	116,944,286	116,682,063	0.2%
1-MONTH EURODOLLAR	0	0	0.0%	2,539	790	221.4%	0	0	0.0%	3,273	1,756	86.4%
2YR BUNDLE	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EURO 5YR BUNDLE	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
3YR BUNDLE	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
<b>Interest Rate Options</b>												
EURODOLLARS	10,816,273	11,488,024	-5.8%	3,923,350	2,834,228	38.4%	18,765,493	28,823,685	-34.9%	6,695,564	6,426,807	4.2%
EURO MIDCURVE	10,297,258	8,870,541	16.1%	5,095,400	3,979,876	28.0%	20,781,138	20,661,778	0.6%	8,758,689	9,095,184	-3.7%

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<b>Equity Index Futures</b>												
E-MINI S&P500	0	0	0.0%	26,765,076	42,452,120	-37.0%	0	0	0.0%	55,320,060	90,365,175	-38.8%
S&P 500	54,183	73,802	-26.6%	4,855	16,181	-70.0%	95,593	149,695	-36.1%	9,843	33,475	-70.6%
S&P 600 SMALLCAP EMINI	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
E-MINI MIDCAP	0	0	0.0%	251,339	437,214	-42.5%	0	0	0.0%	601,899	941,464	-36.1%
S&P 400 MIDCAP	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
S&P 500 GROWTH	0	0	0.0%	7	14	-50.0%	0	0	0.0%	15	26	-42.3%
S&P 500/VALUE	0	0	0.0%	3,566	3,522	1.2%	0	0	0.0%	9,935	9,029	10.0%
E-MINI RUSSELL 1000	0	0	0.0%	705	650	8.5%	0	0	0.0%	1,288	2,191	-41.2%
E-MINI NASDAQ 100	0	0	0.0%	3,369,572	6,763,962	-50.2%	0	0	0.0%	6,971,447	14,910,488	-53.2%
NASDAQ	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	256,616	520,736	-50.7%	0	0	0.0%	540,952	1,023,158	-47.1%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	821,587	1,652,228	-50.3%	0	0	0.0%	1,918,540	3,350,754	-42.7%
DJ US REAL ESTATE	0	-	-	2,225	-	-	0	-	-	2,505	-	-
NASDAQ BIOTECH	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
E-MICRO NIFTY	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
S&P ENERGY SECTOR	0	0	0.0%	11,266	7,631	47.6%	0	0	0.0%	20,203	17,482	15.6%
S&P FINANCIAL SECTOR	0	0	0.0%	10,278	6,673	54.0%	0	0	0.0%	19,396	14,569	33.1%
S&P TECHNOLOGY SECTOR	0	0	0.0%	4,983	2,594	92.1%	0	0	0.0%	8,282	6,658	24.4%
S&P CONSUMER DSCRTNRY S	0	0	0.0%	4,555	5,866	-22.3%	0	0	0.0%	9,645	12,134	-20.5%
S&P HEALTH CARE SECTOR	0	0	0.0%	8,240	8,543	-3.5%	0	0	0.0%	16,807	16,651	0.9%
S&P MATERIALS SECTOR	0	0	0.0%	4,227	4,664	-9.4%	0	0	0.0%	7,649	7,761	-1.4%
S&P INDUSTRIAL SECTOR	0	0	0.0%	5,423	2,251	140.9%	0	0	0.0%	8,604	4,489	91.7%
S&P CONSUMER STAPLES SE	0	0	0.0%	5,102	4,641	9.9%	0	0	0.0%	9,189	9,714	-5.4%
S&P UTILITIES SECTOR	0	0	0.0%	11,928	8,598	38.7%	0	0	0.0%	22,397	16,783	33.5%
IBOVESPA INDEX	0	0	0.0%	1,127	521	116.3%	0	0	0.0%	1,460	879	66.1%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	1,403	918	52.8%	0	0	0.0%	2,592	2,028	27.8%
FT-SE 100	0	0	0.0%	1,612	1,316	22.5%	0	0	0.0%	4,235	3,690	14.8%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	370	400	-7.5%	0	0	0.0%	666	1,160	-42.6%
NIFTY 50	0	0	0.0%	4,478	9,004	-50.3%	0	0	0.0%	7,734	17,282	-55.2%

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<b>Equity Index Options</b>												
E-MINI S&P500	0	21,515	-100.0%	4,516,097	7,233,923	-37.6%	0	47,365	-100.0%	7,493,660	15,499,343	-51.7%
S&P 500	379,711	947,480	-59.9%	0	0	0.0%	542,316	1,916,295	-71.7%	0	0	0.0%
E-MINI MIDCAP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1	-100.0%
E-MINI NASDAQ 100	0	0	0.0%	157,594	220,145	-28.4%	0	0	0.0%	329,302	564,958	-41.7%
NASDAQ	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EOM S&P 500	165,306	133,844	23.5%	0	0	0.0%	354,112	259,978	36.2%	0	0	0.0%
EOM EMINI S&P	0	0	0.0%	1,573,906	917,740	71.5%	0	0	0.0%	3,331,532	2,432,418	37.0%
EOW1 S&P 500	72,641	55,301	31.4%	0	0	0.0%	132,185	86,538	52.7%	0	0	0.0%
EOW1 EMINI S&P 500	0	0	0.0%	1,125,344	1,173,805	-4.1%	0	0	0.0%	2,159,089	1,780,489	21.3%
EOW2 S&P 500	185,743	95,289	94.9%	0	0	0.0%	323,247	151,451	113.4%	0	0	0.0%
EOW2 EMINI S&P 500	0	0	0.0%	1,117,505	1,183,920	-5.6%	0	0	0.0%	2,292,053	2,033,442	12.7%
EOW4 EMINI S&P 500	0	0	0.0%	894,234	983,336	-9.1%	0	0	0.0%	1,947,608	2,325,072	-16.2%
EOW3 S&P 500	329,649	19,645	1,578.0%	0	0	0.0%	701,832	19,645	3,472.6%	0	0	0.0%
EOW3 EMINI S&P 500	0	0	0.0%	3,469,333	4,518	76,689.1%	0	0	0.0%	7,451,246	4,518	164,823.6%
<b>FX Futures</b>												
AUSTRALIAN DOLLAR	61	39	56.4%	1,498,528	1,873,929	-20.0%	346	50	592.0%	3,292,947	4,142,679	-20.5%
BRITISH POUND	2	49	-95.9%	1,972,657	2,020,198	-2.4%	2	266	-99.2%	4,456,619	3,934,928	13.3%
BRAZIL REAL	0	0	0.0%	37,367	61,256	-39.0%	0	0	0.0%	72,123	101,409	-28.9%
CANADIAN DOLLAR	210	109	92.7%	1,089,845	1,482,861	-26.5%	212	143	48.3%	2,487,590	3,273,194	-24.0%
E-MINI EURO FX	0	0	0.0%	70,045	88,901	-21.2%	0	0	0.0%	158,168	199,585	-20.8%
EURO FX	95	1,214	-92.2%	3,642,840	4,541,318	-19.8%	138	2,037	-93.2%	7,945,759	8,598,782	-7.6%
E-MINI JAPANESE YEN	0	0	0.0%	24,511	44,222	-44.6%	0	0	0.0%	61,575	85,715	-28.2%
JAPANESE YEN	1,440	292	393.2%	2,731,385	3,983,894	-31.4%	5,096	638	698.7%	6,551,757	7,603,434	-13.8%
MEXICAN PESO	0	0	0.0%	707,432	1,176,669	-39.9%	0	0	0.0%	1,780,909	2,264,279	-21.3%
NEW ZEALND DOLLAR	0	0	0.0%	417,549	343,931	21.4%	0	0	0.0%	949,383	789,157	20.3%
NKR/USD CROSS RATE	0	0	0.0%	789	724	9.0%	0	0	0.0%	1,543	1,290	19.6%
RUSSIAN RUBLE	0	0	0.0%	20,688	27,544	-24.9%	0	0	0.0%	44,181	59,764	-26.1%
S.AFRICAN RAND	0	0	0.0%	25,394	9,755	160.3%	0	0	0.0%	52,899	21,334	148.0%
SWISS FRANC	0	0	0.0%	371,403	558,232	-33.5%	0	0	0.0%	843,989	963,787	-12.4%
AD/CD CROSS RATES	0	0	0.0%	1	9	-88.9%	0	0	0.0%	6	24	-75.0%
AD/JY CROSS RATES	0	0	0.0%	1,262	4,429	-71.5%	0	0	0.0%	2,948	12,712	-76.8%
AD/NE CROSS RATES	0	0	0.0%	25	66	-62.1%	0	0	0.0%	35	183	-80.9%

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<b>FX Futures</b>												
BP/JY CROSS RATES	0	0	0.0%	1,192	1,536	-22.4%	0	0	0.0%	3,629	3,476	4.4%
BP/SF CROSS RATES	0	0	0.0%	0	10	-100.0%	0	0	0.0%	0	26	-100.0%
CD/JY CROSS RATES	0	0	0.0%	0	4	-100.0%	0	0	0.0%	2	6	-66.7%
EC/AD CROSS RATES	0	0	0.0%	551	953	-42.2%	0	0	0.0%	892	3,421	-73.9%
EC/CD CROSS RATES	0	0	0.0%	1,571	2,698	-41.8%	0	0	0.0%	3,911	5,837	-33.0%
EC/NOK CROSS RATES	0	0	0.0%	41	0	0.0%	0	0	0.0%	79	3	2,533.3%
EC/SEK CROSS RATES	0	0	0.0%	63	54	16.7%	0	0	0.0%	133	61	118.0%
EFX/BP CROSS RATES	0	0	0.0%	32,706	61,765	-47.0%	0	0	0.0%	73,161	140,119	-47.8%
EFX/JY CROSS RATES	0	0	0.0%	32,293	40,928	-21.1%	0	0	0.0%	63,816	80,266	-20.5%
EFX/SF CROSS RATES	0	0	0.0%	17,483	29,043	-39.8%	0	0	0.0%	34,561	57,168	-39.5%
SF/JY CROSS RATES	0	-	-	0	-	-	0	-	-	0	-	-
SKR/USD CROSS RATES	0	0	0.0%	814	1,030	-21.0%	0	0	0.0%	1,803	1,887	-4.5%
HUNGARIAN FORINT (US)	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
POLISH ZLOTY (US)	0	0	0.0%	220	463	-52.5%	0	0	0.0%	408	870	-53.1%
POLISH ZLOTY (EC)	0	0	0.0%	3	819	-99.6%	0	0	0.0%	54	2,176	-97.5%
SHEKEL	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
RMB USD	0	0	0.0%	26	384	-93.2%	0	6	-100.0%	78	848	-90.8%
KOREAN WON	0	0	0.0%	2	15	-86.7%	0	0	0.0%	4	22	-81.8%
TURKISH LIRA	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
TURKISH LIRA (EU)	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
E-MICRO EUR/USD	0	0	0.0%	238,566	331,430	-28.0%	0	0	0.0%	561,272	764,222	-26.6%
E-MICRO GBP/USD	0	0	0.0%	56,177	65,633	-14.4%	0	0	0.0%	133,974	112,327	19.3%
E-MICRO USD/CAD	0	0	0.0%	0	2	-100.0%	0	0	0.0%	0	2	-100.0%
E-MICRO USD/CHF	0	0	0.0%	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%	0	0	0.0%
E-MICRO AUD/USD	0	0	0.0%	82,857	80,832	2.5%	0	0	0.0%	162,042	168,871	-4.0%
MICRO CHF/USD	0	0	0.0%	714	1,994	-64.2%	0	0	0.0%	1,600	4,089	-60.9%
INDIAN RUPEE	0	0	0.0%	25,628	10,338	147.9%	0	0	0.0%	47,921	22,693	111.2%
USDZAR	0	0	0.0%	0	4	-100.0%	0	0	0.0%	0	4	-100.0%
E-MICRO INR/USD	0	0	0.0%	1,545	516	199.4%	0	0	0.0%	4,191	613	583.7%
E-MICRO JPY/USD	0	0	0.0%	49,697	35,411	40.3%	0	0	0.0%	117,877	59,115	99.4%
CHINESE RENMINBI (CNH)	0	0	0.0%	1,715	1,037	65.4%	0	0	0.0%	3,785	3,324	13.9%
FCXR	0	-	-	601	-	-	0	-	-	2,603	-	-
E-MICRO USD/CNH	0	0	0.0%	0	6	-100.0%	0	0	0.0%	0	38	-100.0%
E-MICRO CAD/USD	0	0	0.0%	11,838	16,446	-28.0%	0	0	0.0%	26,452	34,535	-23.4%

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<b>FX Options</b>												
AUSTRALIAN DOLLAR	698	1,013	-31.1%	42,416	120,870	-64.9%	1,908	1,533	24.5%	83,303	277,483	-70.0%
BRITISH POUND	476	4,055	-88.3%	101,806	240,041	-57.6%	564	12,014	-95.3%	184,385	433,110	-57.4%
CANADIAN DOLLAR	1,392	5,691	-75.5%	33,964	187,053	-81.8%	1,471	8,775	-83.2%	77,614	420,847	-81.6%
EURO FX	919	15,658	-94.1%	233,909	1,044,186	-77.6%	3,362	36,765	-90.9%	441,369	1,759,705	-74.9%
JAPANESE YEN	2,270	5,870	-61.3%	151,943	368,959	-58.8%	4,877	17,169	-71.6%	263,216	661,337	-60.2%
MEXICAN PESO	35	160	-78.1%	3,838	3,545	8.3%	99	160	-38.1%	15,700	6,220	152.4%
NEW ZEALND DOLLAR	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
RUSSIAN RUBLE	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
SWISS FRANC	0	103	-100.0%	1,806	9,081	-80.1%	0	123	-100.0%	3,108	18,535	-83.2%
JAPANESE YEN (EU)	0	0	0.0%	4	1,145	-99.7%	0	0	0.0%	93	1,798	-94.8%
EURO FX (EU)	0	0	0.0%	29	4,261	-99.3%	0	0	0.0%	84	10,198	-99.2%
CANADIAN DOLLAR (EU)	0	0	0.0%	14	478	-97.1%	0	0	0.0%	32	1,048	-96.9%
BRITISH POUND (EU)	0	0	0.0%	389	1,488	-73.9%	0	0	0.0%	458	3,517	-87.0%
AUSTRALIAN DLR (EU)	0	0	0.0%	0	504	-100.0%	0	0	0.0%	2	917	-99.8%
CHF/USD PQO 2pm Fix	0	-	-	1,728	-	-	0	-	-	4,719	-	-
CAD/USD PQO 2pm Fix	0	-	-	51,087	-	-	0	-	-	130,612	-	-
JPY/USD PQO 2pm Fix	2,926	-	-	128,367	-	-	19,413	-	-	344,029	-	-
GBP/USD PQO 2pm Fix	4	-	-	86,340	-	-	4	-	-	219,723	-	-
AUD/USD PQO 2pm Fix	0	-	-	47,617	-	-	300	-	-	102,174	-	-
EUR/USD PQO 2pm Fix	1,102	-	-	224,171	-	-	2,898	-	-	552,382	-	-

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<b>Commodities and Alternative Investments</b>												
<b>Futures</b>												
LIVE CATTLE	2,945	4,439	-33.7%	953,528	950,374	0.3%	5,879	9,430	-37.7%	2,248,635	2,072,638	8.5%
FEEDER CATTLE	36	4	800.0%	229,057	201,012	14.0%	129	44	193.2%	431,873	389,469	10.9%
LEAN HOGS	2,926	2,396	22.1%	735,995	641,794	14.7%	3,854	4,174	-7.7%	1,580,796	1,305,238	21.1%
LUMBER	0	0	0.0%	20,094	14,366	39.9%	0	0	0.0%	31,344	27,583	13.6%
MILK	135	16	743.8%	27,785	20,551	35.2%	303	16	1,793.8%	55,007	41,292	33.2%
MLK MID	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NFD MILK	0	0	0.0%	8,925	5,311	68.0%	0	0	0.0%	13,887	12,137	14.4%
BUTTER CS	0	0	0.0%	2,622	4,358	-39.8%	0	0	0.0%	5,015	7,181	-30.2%
CLASS IV MILK	41	0	0.0%	2,560	260	884.6%	41	0	0.0%	3,194	1,242	157.2%
DRY WHEY	0	0	0.0%	3,035	1,353	124.3%	0	0	0.0%	5,875	3,037	93.4%
GSCI EXCESS RETURN FUT	0	0	0.0%	33	0	0.0%	0	0	0.0%	39	43	-9.3%
GOLDMAN SACHS	0	0	0.0%	33,168	26,856	23.5%	0	0	0.0%	69,899	55,617	25.7%
HDD WEATHER	0	0	0.0%	0	2	-100.0%	0	0	0.0%	50	78	-35.9%
CDD WEATHER	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%
CDD SEASONAL STRIP	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%	50	0	0.0%
CAT WEATHER EUROPEAN	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
HDD EURO SEASONAL STRIP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CAT EURO SEASONAL STRIP	0	-	-	0	-	-	0	-	-	0	-	-
HOUSING INDEX	0	0	0.0%	8	8	0.0%	0	0	0.0%	33	17	94.1%
USD CRUDE PALM OIL	0	-	-	0	-	-	0	-	-	0	-	-
CASH-SETTLED CHEESE	0	0	0.0%	12,061	11,244	7.3%	0	0	0.0%	21,034	21,683	-3.0%
MALAYSIAN PALM SWAP	0	0	0.0%	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%
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 FEB 2017	Open Outcry FEB 2016	% CHG	ELEC FEB 2017	ELEC FEB 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG
<b>Commodities and Alternative Investments</b>												
<b>Options</b>												
LIVE CATTLE	62,237	150,042	-58.5%	149,943	212,913	-29.6%	108,347	311,110	-65.2%	363,540	441,635	-17.7%
FEEDER CATTLE	1,580	3,732	-57.7%	18,268	24,186	-24.5%	4,147	8,893	-53.4%	44,591	53,096	-16.0%
LEAN HOGS	33,752	32,033	5.4%	160,952	98,131	64.0%	53,702	75,618	-29.0%	278,670	220,514	26.4%
LUMBER	1	0	0.0%	1,328	1,020	30.2%	25	0	0.0%	2,400	2,072	15.8%
MILK	10,416	11,396	-8.6%	23,973	11,602	106.6%	25,470	20,738	22.8%	44,372	23,526	88.6%
MLK MID	45	18	150.0%	0	0	0.0%	241	84	186.9%	0	0	0.0%
NFD MILK	3,130	2,467	26.9%	4,575	878	421.1%	4,499	7,772	-42.1%	8,145	2,944	176.7%
BUTTER CS	665	1,819	-63.4%	160	159	0.6%	2,326	3,676	-36.7%	611	423	44.4%
CLASS IV MILK	927	0	0.0%	1,259	213	491.1%	1,403	183	666.7%	1,745	439	297.5%
DRY WHEY	106	104	1.9%	90	19	373.7%	761	124	513.7%	96	19	405.3%
HDD WEATHER	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%
HDD SEASONAL STRIP	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%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CAT WEATHER EUROPEAN	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
HDD EURO SEASONAL STRIP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
HOUSING INDEX	0	-	-	18	-	-	0	-	-	18	-	-
LV CATL CSO	427	25	1,608.0%	0	0	0.0%	796	25	3,084.0%	0	0	0.0%
CASH-SETTLED CHEESE	5,718	3,810	50.1%	2,949	2,872	2.7%	9,294	6,482	43.4%	7,652	5,662	35.1%
<b>Foreign Exchange Futures</b>												
CHILEAN PESO	0	0	0.0%	155	0	0.0%	0	6	-100.0%	222	0	0.0%
<b>TOTAL FUTURES GROUP</b>												
Interest Rate Futures	561,280	669,094	-16.1%	55,864,319	57,626,745	-3.1%	1,261,466	1,616,803	-22.0%	116,947,559	116,683,819	0.2%
Equity Index Futures	54,183	73,802	-26.6%	31,550,540	51,910,247	-39.2%	95,593	149,695	-36.1%	65,515,343	110,767,040	-40.9%
FX Futures	1,808	1,703	6.2%	13,168,024	16,901,289	-22.1%	5,794	3,140	84.5%	29,946,679	33,518,275	-10.7%
Commodities and Alternative Inve	6,083	6,855	-11.3%	2,028,871	1,877,489	8.1%	10,206	13,664	-25.3%	4,466,731	3,937,255	13.4%
Foreign Exchange Futures	0	0	0.0%	155	0	0.0%	0	6	-100.0%	222	0	0.0%
<b>TOTAL FUTURES</b>	<b>623,354</b>	<b>751,454</b>	<b>-17.0%</b>	<b>102,611,909</b>	<b>128,315,770</b>	<b>-20.0%</b>	<b>1,373,059</b>	<b>1,783,308</b>	<b>-23.0%</b>	<b>216,876,534</b>	<b>264,906,389</b>	<b>-18.1%</b>

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## CME Exchange Volume Comparison Report - Monthly

	Open Outcry FEB 2017	Open Outcry FEB 2016	% CHG	ELEC FEB 2017	ELEC FEB 2016	% CHG	Open Outcry Y.T.D 2017	Open Outcry Y.T.D 2016	% CHG	ELEC Y.T.D 2017	ELEC Y.T.D 2016	% CHG
<b>TOTAL OPTIONS GROUP</b>												
Equity Index Options	1,133,050	1,273,074	-11.0%	12,854,013	11,717,387	9.7%	2,053,692	2,481,272	-17.2%	25,004,490	24,640,241	1.5%
Interest Rate Options	21,113,531	20,358,565	3.7%	9,018,750	6,814,104	32.4%	39,546,631	49,485,463	-20.1%	15,454,253	15,521,991	-0.4%
FX Options	9,822	32,550	-69.8%	1,109,428	1,981,611	-44.0%	34,896	76,539	-54.4%	2,423,003	3,594,715	-32.6%
Commodities and Alternative Inve	119,004	205,446	-42.1%	363,515	351,993	3.3%	211,011	434,705	-51.5%	751,840	750,330	0.2%
<b>TOTAL OPTIONS</b>	<b>22,375,407</b>	<b>21,869,635</b>	<b>2.3%</b>	<b>23,345,706</b>	<b>20,865,095</b>	<b>11.9%</b>	<b>41,846,230</b>	<b>52,477,979</b>	<b>-20.3%</b>	<b>43,633,586</b>	<b>44,507,277</b>	<b>-2.0%</b>
<b>TOTAL COMBINED</b>												
Interest Rate	21,674,811	21,027,659	3.1%	64,883,069	64,440,849	0.7%	40,808,097	51,102,266	-20.1%	132,401,812	132,205,810	0.1%
Equity Index	1,187,233	1,346,876	-11.9%	44,404,553	63,627,634	-30.2%	2,149,285	2,630,967	-18.3%	90,519,833	135,407,281	-33.1%
FX	11,630	34,253	-66.0%	14,277,452	18,882,900	-24.4%	40,690	79,679	-48.9%	32,369,682	37,112,990	-12.8%
Commodities and Alternative Inve	125,087	212,301	-41.1%	2,392,386	2,229,482	7.3%	221,217	448,369	-50.7%	5,218,571	4,687,585	11.3%
Foreign Exchange	0	0	0.0%	155	0	0.0%	0	6	-100.0%	222	0	0.0%
<b>GRAND TOTAL</b>	<b>22,998,761</b>	<b>22,621,089</b>	<b>1.7%</b>	<b>125,957,615</b>	<b>149,180,865</b>	<b>-15.6%</b>	<b>43,219,289</b>	<b>54,261,287</b>	<b>-20.3%</b>	<b>260,510,120</b>	<b>309,413,666</b>	<b>-15.8%</b>

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