

## 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%

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 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>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%

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 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>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%

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 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>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%
FCXRX	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%

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 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>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	-	-

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 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>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%

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 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>

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 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>

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.