



## CME Exchange Volume Comparison Report - Monthly

	Open Outcry OCT 2016	Open Outcry OCT 2015	% CHG	ELEC OCT 2016	ELEC OCT 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG
<b>Interest Rate Futures</b>												
EUROYEN	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EURODOLLARS	406,790	585,340	-30.5%	41,410,245	43,700,269	-5.2%	5,316,332	5,120,887	3.8%	497,283,263	490,994,395	1.3%
1-MONTH EURODOLLAR	0	0	0.0%	391	1,727	-77.4%	0	0	0.0%	10,712	48,849	-78.1%
2YR BUNDLE	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	595	-100.0%
EURO 5YR BUNDLE	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	38	-100.0%
3YR BUNDLE	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	168	-100.0%
<b>Interest Rate Options</b>												
EURODOLLARS	6,429,982	7,472,803	-14.0%	2,316,002	1,835,345	26.2%	100,866,717	70,198,915	43.7%	29,160,616	14,770,760	97.4%
EURO MIDCURVE	5,057,832	8,909,621	-43.2%	2,152,778	3,111,626	-30.8%	63,486,778	78,508,111	-19.1%	28,464,848	21,417,571	32.9%

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<b>Equity Index Futures</b>												
E-MINI S&P500	0	0	0.0%	32,449,166	36,178,872	-10.3%	0	0	0.0%	397,271,642	357,099,484	11.2%
S&P 500	35,316	60,866	-42.0%	5,535	12,638	-56.2%	1,113,843	1,432,990	-22.3%	99,334	163,658	-39.3%
S&P 600 SMALLCAP EMINI	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
E-MINI MIDCAP	0	0	0.0%	327,545	387,165	-15.4%	0	0	0.0%	4,326,961	4,333,090	-0.1%
S&P 400 MIDCAP	0	0	0.0%	0	0	0.0%	0	39	-100.0%	0	0	0.0%
S&P 500 GROWTH	0	0	0.0%	12	8	50.0%	0	0	0.0%	220	332	-33.7%
S&P 500/VALUE	0	0	0.0%	300	8	3,650.0%	0	0	0.0%	27,502	294	9,254.4%
E-MINI RUSSELL 1000	0	0	0.0%	131	153	-14.4%	0	0	0.0%	4,154	156	2,562.8%
E-MINI NASDAQ 100	0	0	0.0%	4,683,119	5,733,066	-18.3%	0	0	0.0%	55,282,711	56,246,490	-1.7%
NASDAQ	0	0	0.0%	0	0	0.0%	0	23,063	-100.0%	0	2,120	-100.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	193,521	265,088	-27.0%	0	0	0.0%	3,686,694	3,609,457	2.1%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	847,860	1,103,070	-23.1%	0	0	0.0%	12,402,461	11,202,671	10.7%
DJ US REAL ESTATE	0	-	-	492	-	-	0	-	-	1,567	-	-
NASDAQ BIOTECH	0	0	0.0%	18	0	0.0%	0	0	0.0%	18	0	0.0%
E-MICRO NIFTY	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1,018	-100.0%
S&P ENERGY SECTOR	0	0	0.0%	9,077	11,127	-18.4%	0	0	0.0%	93,829	66,623	40.8%
S&P FINANCIAL SECTOR	0	0	0.0%	6,370	3,085	106.5%	0	0	0.0%	69,372	24,707	180.8%
S&P TECHNOLOGY SECTOR	0	0	0.0%	2,166	3,882	-44.2%	0	0	0.0%	47,935	27,537	74.1%
S&P CONSUMER DSCRTNRY S	0	0	0.0%	6,074	3,777	60.8%	0	0	0.0%	50,026	57,360	-12.8%
S&P HEALTH CARE SECTOR	0	0	0.0%	4,393	16,771	-73.8%	0	0	0.0%	74,655	96,100	-22.3%
S&P MATERIALS SECTOR	0	0	0.0%	4,279	2,446	74.9%	0	0	0.0%	44,881	31,420	42.8%
S&P INDUSTRIAL SECTOR	0	0	0.0%	2,005	1,302	54.0%	0	0	0.0%	27,507	26,831	2.5%
S&P CONSUMER STAPLES SE	0	0	0.0%	5,343	1,132	372.0%	0	0	0.0%	75,013	35,817	109.4%
S&P UTILITIES SECTOR	0	0	0.0%	11,646	7,432	56.7%	0	0	0.0%	119,285	88,415	34.9%
IBOVESPA INDEX	0	0	0.0%	1,204	580	107.6%	0	0	0.0%	7,202	4,173	72.6%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	49	85	-42.4%	0	0	0.0%	4,354	88	4,847.7%
FT-SE 100	0	0	0.0%	1,420	1,181	20.2%	0	0	0.0%	16,815	1,181	1,323.8%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	16	83	-80.7%	0	0	0.0%	2,626	86	2,953.5%
NIFTY 50	0	0	0.0%	13,294	1,773	649.8%	0	0	0.0%	104,071	12,554	729.0%

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<b>Equity Index Options</b>												
E-MINI S&P500	0	24,260	-100.0%	2,354,131	6,861,428	-65.7%	110,315	192,965	-42.8%	48,540,395	65,201,028	-25.6%
S&P 500	140,050	709,936	-80.3%	0	0	0.0%	5,028,143	7,621,574	-34.0%	0	106	-100.0%
E-MINI MIDCAP	0	0	0.0%	0	2	-100.0%	0	0	0.0%	17	30	-43.3%
E-MINI NASDAQ 100	0	0	0.0%	190,796	146,912	29.9%	0	0	0.0%	2,204,915	1,160,163	90.1%
NASDAQ	0	0	0.0%	0	0	0.0%	0	30	-100.0%	0	0	0.0%
EOM S&P 500	134,824	116,981	15.3%	0	0	0.0%	1,736,724	1,078,146	61.1%	0	0	0.0%
EOM EMINI S&P	0	0	0.0%	1,355,515	1,260,498	7.5%	0	1,500	-100.0%	16,398,398	11,335,399	44.7%
EOW1 S&P 500	93,078	37,542	147.9%	0	0	0.0%	625,217	329,208	89.9%	0	0	0.0%
EOW1 EMINI S&P 500	0	0	0.0%	1,184,812	1,059,894	11.8%	0	3,000	-100.0%	9,957,828	9,937,275	0.2%
EOW2 S&P 500	111,845	67,752	65.1%	0	0	0.0%	1,290,611	762,237	69.3%	0	0	0.0%
EOW2 EMINI S&P 500	0	0	0.0%	1,115,305	1,029,723	8.3%	0	0	0.0%	10,198,371	10,308,625	-1.1%
EOW4 EMINI S&P 500	0	0	0.0%	928,897	1,170,204	-20.6%	0	4,500	-100.0%	11,196,423	10,142,365	10.4%
EOW3 EMINI S&P 500	0	-	-	4,397,999	-	-	27,000	-	-	20,066,091	-	-
EOW3 S&P 500	434,322	-	-	0	-	-	2,472,843	-	-	0	-	-
<b>FX Futures</b>												
AUSTRALIAN DOLLAR	281	31	806.5%	1,857,451	1,749,541	6.2%	1,733	6,034	-71.3%	21,186,252	19,839,590	6.8%
BRITISH POUND	553	158	250.0%	2,709,798	1,632,281	66.0%	1,413	10,893	-87.0%	23,792,144	20,560,353	15.7%
BRAZIL REAL	0	0	0.0%	43,631	30,235	44.3%	0	30	-100.0%	475,900	369,762	28.7%
CANADIAN DOLLAR	230	124	85.5%	1,503,266	1,279,375	17.5%	977	7,522	-87.0%	15,633,308	14,551,673	7.4%
E-MINI EURO FX	0	0	0.0%	55,493	92,570	-40.1%	0	0	0.0%	749,420	1,271,760	-41.1%
EURO FX	394	2,305	-82.9%	3,340,405	4,429,154	-24.6%	7,802	54,864	-85.8%	39,537,916	54,775,407	-27.8%
E-MINI JAPANESE YEN	0	0	0.0%	18,458	12,719	45.1%	0	0	0.0%	326,031	182,922	78.2%
JAPANESE YEN	357	463	-22.9%	2,332,374	2,970,958	-21.5%	3,956	26,631	-85.1%	29,442,091	30,671,346	-4.0%
MEXICAN PESO	0	0	0.0%	1,086,633	841,977	29.1%	0	120,694	-100.0%	11,495,167	8,972,906	28.1%
NEW ZEALND DOLLAR	0	0	0.0%	470,683	432,505	8.8%	0	732	-100.0%	4,750,044	4,233,260	12.2%
NKR/USD CROSS RATE	0	0	0.0%	807	568	42.1%	0	0	0.0%	16,397	10,339	58.6%
RUSSIAN RUBLE	0	0	0.0%	12,807	9,304	37.7%	0	4	-100.0%	260,519	162,685	60.1%
S.AFRICAN RAND	0	0	0.0%	21,359	12,603	69.5%	0	806	-100.0%	175,510	154,233	13.8%
SWISS FRANC	0	0	0.0%	447,319	379,371	17.9%	0	1,073	-100.0%	4,697,868	4,502,103	4.3%
AD/CD CROSS RATES	0	0	0.0%	4	3	33.3%	0	0	0.0%	54	212	-74.5%
AD/JY CROSS RATES	0	0	0.0%	1,966	2,387	-17.6%	0	0	0.0%	37,453	35,867	4.4%
AD/NE CROSS RATES	0	0	0.0%	9	34	-73.5%	0	0	0.0%	679	532	27.6%

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<b>FX Futures</b>												
BP/JY CROSS RATES	0	0	0.0%	1,147	656	74.8%	0	0	0.0%	18,451	11,178	65.1%
BP/SF CROSS RATES	0	0	0.0%	65	22	195.5%	0	0	0.0%	431	1,485	-71.0%
CD/JY CROSS RATES	0	0	0.0%	0	17	-100.0%	0	0	0.0%	11	244	-95.5%
EC/AD CROSS RATES	0	0	0.0%	613	1,009	-39.2%	0	0	0.0%	16,835	17,741	-5.1%
EC/CD CROSS RATES	0	0	0.0%	1,727	827	108.8%	0	0	0.0%	24,774	23,805	4.1%
EC/NOK CROSS RATES	0	0	0.0%	0	0	0.0%	0	21	-100.0%	9	34	-73.5%
EC/SEK CROSS RATES	0	0	0.0%	108	36	200.0%	0	0	0.0%	708	681	4.0%
EFX/BP CROSS RATES	0	0	0.0%	67,431	45,390	48.6%	0	0	0.0%	708,677	585,847	21.0%
EFX/JY CROSS RATES	0	0	0.0%	24,328	33,804	-28.0%	0	0	0.0%	386,334	430,235	-10.2%
EFX/SF CROSS RATES	0	0	0.0%	24,758	20,889	18.5%	0	0	0.0%	303,848	295,906	2.7%
SF/JY CROSS RATES	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SKR/USD CROSS RATES	0	0	0.0%	1,059	680	55.7%	0	20	-100.0%	14,975	11,319	32.3%
CZECK KORUNA (US)	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CZECK KORUNA (EC)	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
HUNGARIAN FORINT (US)	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	2	-100.0%
HUNGARIAN FORINT (EC)	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
POLISH ZLOTY (US)	0	0	0.0%	1,059	1	105,800.0%	0	0	0.0%	5,379	1,095	391.2%
POLISH ZLOTY (EC)	0	0	0.0%	32	2	1,500.0%	0	0	0.0%	4,636	2	231,700.0%
SHEKEL	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	6	-100.0%
RMB USD	0	0	0.0%	49	374	-86.9%	6	0	0.0%	1,782	4,619	-61.4%
KOREAN WON	0	0	0.0%	0	3	-100.0%	0	0	0.0%	167	264	-36.7%
TURKISH LIRA	0	0	0.0%	0	5	-100.0%	0	0	0.0%	0	26	-100.0%
TURKISH LIRA (EU)	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
E-MICRO EUR/USD	0	0	0.0%	210,672	344,378	-38.8%	0	0	0.0%	2,744,721	3,723,657	-26.3%
E-MICRO GBP/USD	0	0	0.0%	138,409	39,838	247.4%	0	0	0.0%	841,050	427,848	96.6%
E-MICRO USD/CAD	0	0	0.0%	0	0	0.0%	0	0	0.0%	22	12	83.3%
E-MICRO USD/CHF	0	0	0.0%	0	0	0.0%	0	0	0.0%	1	3	-66.7%
E-MICRO USD/JPY	0	0	0.0%	0	0	0.0%	0	0	0.0%	4	102	-96.1%
E-MICRO AUD/USD	0	0	0.0%	100,626	61,402	63.9%	0	0	0.0%	1,022,659	557,653	83.4%
MICRO CHF/USD	0	0	0.0%	1,626	2,785	-41.6%	0	0	0.0%	18,793	24,038	-21.8%
INDIAN RUPEE	0	0	0.0%	10,602	10,432	1.6%	0	0	0.0%	120,440	114,282	5.4%
EURO QUARTERLY VARIANCE	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
USDZAR	0	0	0.0%	0	29	-100.0%	0	0	0.0%	6	509	-98.8%
E-MICRO INR/USD	0	0	0.0%	1,921	157	1,123.6%	0	0	0.0%	20,903	2,445	754.9%
E-MICRO JPY/USD	0	0	0.0%	20,655	9,257	123.1%	0	0	0.0%	287,372	134,437	113.8%

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<b>FX Futures</b>												
CHINESE RENMINBI (CNH)	0	0	0.0%	1,480	1,445	2.4%	0	0	0.0%	13,455	8,658	55.4%
FCXRX	0	-	-	3,018	-	-	0	-	-	4,313	-	-
E-MICRO USD/CNH	0	0	0.0%	0	15	-100.0%	0	0	0.0%	61	310	-80.3%
E-MICRO CAD/USD	0	0	0.0%	22,946	16,496	39.1%	0	0	0.0%	211,628	134,527	57.3%
<b>FX Options</b>												
AUSTRALIAN DOLLAR	280	904	-69.0%	83,441	111,298	-25.0%	12,786	24,588	-48.0%	1,303,449	1,288,309	1.2%
BRITISH POUND	2,147	6,878	-68.8%	238,245	145,405	63.8%	34,110	106,327	-67.9%	1,994,472	2,142,364	-6.9%
BRAZIL REAL	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CANADIAN DOLLAR	1,357	514	164.0%	76,321	113,493	-32.8%	24,810	25,272	-1.8%	1,322,155	1,147,517	15.2%
EURO FX	5,290	18,906	-72.0%	428,776	836,806	-48.8%	102,424	289,366	-64.6%	6,452,556	10,190,870	-36.7%
JAPANESE YEN	2,757	10,356	-73.4%	206,021	282,566	-27.1%	62,668	117,956	-46.9%	2,856,815	2,337,450	22.2%
MEXICAN PESO	2,410	530	354.7%	5,984	1,565	282.4%	4,733	2,940	61.0%	33,102	11,600	185.4%
NEW ZEALND DOLLAR	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	13	-100.0%
RUSSIAN RUBLE	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
SWISS FRANC	0	50	-100.0%	4,110	11,470	-64.2%	272	4,166	-93.5%	61,773	132,724	-53.5%
JAPANESE YEN (EU)	0	0	0.0%	0	535	-100.0%	0	3	-100.0%	5,899	4,114	43.4%
EURO FX (EU)	5	0	0.0%	79	3,255	-97.6%	5	5	0.0%	28,458	49,809	-42.9%
SWISS FRANC (EU)	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CANADIAN DOLLAR (EU)	0	0	0.0%	15	7	114.3%	0	0	0.0%	1,804	1,373	31.4%
BRITISH POUND (EU)	0	0	0.0%	69	762	-90.9%	0	2	-100.0%	9,151	6,199	47.6%
AUSTRALIAN DLR (EU)	0	0	0.0%	0	38	-100.0%	0	0	0.0%	1,146	1,195	-4.1%
EUR/USD PQO 2pm Fix	1,190	-	-	100,906	-	-	1,702	-	-	149,951	-	-
GBP/USD PQO 2pm Fix	1,283	-	-	51,605	-	-	1,323	-	-	75,876	-	-
AUD/USD PQO 2pm Fix	1,680	-	-	22,261	-	-	1,980	-	-	36,437	-	-
CAD/USD PQO 2pm Fix	510	-	-	31,074	-	-	510	-	-	51,989	-	-
CHF/USD PQO 2pm Fix	0	-	-	1,418	-	-	0	-	-	2,457	-	-
JPY/USD PQO 2pm Fix	0	-	-	36,611	-	-	19	-	-	67,077	-	-



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<b>Commodities and Alternative Investments</b>												
<b>Futures</b>												
LIVE CATTLE	2,022	4,383	-53.9%	1,025,850	1,217,674	-15.8%	34,211	395,198	-91.3%	10,751,895	10,639,184	1.1%
FEEDER CATTLE	0	87	-100.0%	251,269	242,096	3.8%	280	42,730	-99.3%	2,145,270	2,027,324	5.8%
LEAN HOGS	3,518	5,417	-35.1%	758,013	711,244	6.6%	22,926	313,713	-92.7%	7,405,411	7,850,296	-5.7%
LUMBER	0	0	0.0%	16,400	20,973	-21.8%	0	1,357	-100.0%	147,382	171,632	-14.1%
MILK	284	51	456.9%	23,847	17,919	33.1%	1,157	3,228	-64.2%	253,888	223,868	13.4%
MLK MID	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NFD MILK	13	137	-90.5%	5,419	5,057	7.2%	13	399	-96.7%	47,356	37,614	25.9%
BUTTER CS	0	0	0.0%	4,744	1,488	218.8%	0	0	0.0%	32,646	25,816	26.5%
CLASS IV MILK	70	0	0.0%	1,828	823	122.1%	70	149	-53.0%	11,234	9,239	21.6%
DRY WHEY	0	0	0.0%	1,820	1,777	2.4%	0	0	0.0%	12,366	16,390	-24.6%
GSCI EXCESS RETURN FUT	0	0	0.0%	0	0	0.0%	0	0	0.0%	1,119	255	338.8%
GOLDMAN SACHS	0	0	0.0%	33,492	28,243	18.6%	0	6,135	-100.0%	285,358	285,964	-0.2%
HDD WEATHER	0	0	0.0%	50	150	-66.7%	0	0	0.0%	328	227	44.5%
CDD WEATHER	0	0	0.0%	0	0	0.0%	0	0	0.0%	400	260	53.8%
HDD SEASONAL STRIP	0	0	0.0%	0	75	-100.0%	0	0	0.0%	0	127	-100.0%
CDD SEASONAL STRIP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	54	-100.0%
HDD WEATHER EUROPEAN	0	0	0.0%	0	0	0.0%	0	0	0.0%	100	0	0.0%
CAT WEATHER EUROPEAN	0	0	0.0%	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%	50	0	0.0%
CAT EURO SEASONAL STRIP	0	-	-	0	-	-	0	-	-	0	-	-
WKLY AVG TEMP	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
HOUSING INDEX	0	0	0.0%	14	9	55.6%	0	0	0.0%	93	66	40.9%
OTC SP GSCI ER SWAP	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
USD CRUDE PALM OIL	0	-	-	0	-	-	0	-	-	0	-	-
CASH-SETTLED CHEESE	0	0	0.0%	8,042	7,380	9.0%	6	0	0.0%	101,081	90,022	12.3%
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 OCT 2016	Open Outcry OCT 2015	% CHG	ELEC OCT 2016	ELEC OCT 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG
<b>Commodities and Alternative Investments</b>												
<b>Options</b>												
LIVE CATTLE	62,054	153,579	-59.6%	227,193	254,322	-10.7%	1,143,681	1,007,998	13.5%	2,387,344	2,064,703	15.6%
FEEDER CATTLE	5,402	4,583	17.9%	32,554	32,085	1.5%	45,857	36,801	24.6%	305,978	322,669	-5.2%
LEAN HOGS	33,690	58,718	-42.6%	189,256	153,159	23.6%	377,051	576,006	-34.5%	1,478,599	1,731,727	-14.6%
LUMBER	5	0	0.0%	1,675	981	70.7%	110	18	511.1%	10,268	11,550	-11.1%
MILK	10,694	7,899	35.4%	23,224	9,626	141.3%	125,744	100,155	25.5%	171,641	124,011	38.4%
MLK MID	43	61	-29.5%	0	0	0.0%	582	423	37.6%	0	0	0.0%
NFD MILK	1,462	5,730	-74.5%	1,941	1,876	3.5%	19,979	33,489	-40.3%	12,267	4,135	196.7%
BUTTER CS	615	230	167.4%	680	70	871.4%	9,552	9,468	0.9%	2,553	1,966	29.9%
CLASS IV MILK	409	938	-56.4%	682	515	32.4%	2,838	5,320	-46.7%	8,084	2,139	277.9%
DRY WHEY	121	25	384.0%	0	2	-100.0%	902	2,532	-64.4%	55	316	-82.6%
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%	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	0	0.0%	0	0	0.0%	0	0	0.0%	18	0	0.0%
LV CATL CSO	5	0	0.0%	0	0	0.0%	265	81	227.2%	0	0	0.0%
SBIN HURR	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CASH-SETTLED CHEESE	8,081	4,759	69.8%	2,367	1,807	31.0%	52,552	41,755	25.9%	23,117	15,080	53.3%
SNOWFALL	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
<b>Foreign Exchange Futures</b>												
CHILEAN PESO	0	0	0.0%	0	7	-100.0%	6	0	0.0%	4	71	-94.4%

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## CME Exchange Volume Comparison Report - Monthly

	Open Outcry OCT 2016	Open Outcry OCT 2015	% CHG	ELEC OCT 2016	ELEC OCT 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG
<b>TOTAL FUTURES GROUP</b>												
Interest Rate Futures	406,790	585,340	-30.5%	41,410,636	43,701,996	-5.2%	5,316,332	5,120,887	3.8%	497,293,975	491,044,045	1.3%
Equity Index Futures	35,316	60,866	-42.0%	38,575,035	43,734,724	-11.8%	1,113,843	1,456,092	-23.5%	473,840,835	433,131,662	9.4%
FX Futures	1,815	3,081	-41.1%	14,536,794	14,465,534	0.5%	15,887	229,324	-93.1%	159,349,198	166,807,920	-4.5%
Commodities and Alternative Inve	5,907	10,075	-41.4%	2,130,788	2,254,908	-5.5%	58,663	762,909	-92.3%	21,195,977	21,378,338	-0.9%
Foreign Exchange Futures	0	0	0.0%	0	7	-100.0%	6	0	0.0%	4	71	-94.4%
<b>TOTAL FUTURES</b>	<b>449,828</b>	<b>659,362</b>	<b>-31.8%</b>	<b>96,653,253</b>	<b>104,157,169</b>	<b>-7.2%</b>	<b>6,504,731</b>	<b>7,569,212</b>	<b>-14.1%</b>	<b>1,151,679,989</b>	<b>1,112,362,036</b>	<b>3.5%</b>
<b>TOTAL OPTIONS GROUP</b>												
Equity Index Options	914,119	956,471	-4.4%	11,527,455	11,528,661	0.0%	11,290,853	9,993,160	13.0%	118,562,438	108,084,991	9.7%
Interest Rate Options	11,487,814	16,382,424	-29.9%	4,468,780	4,946,971	-9.7%	164,353,495	148,707,026	10.5%	57,625,464	36,188,331	59.2%
FX Options	18,909	38,138	-50.4%	1,286,936	1,507,200	-14.6%	247,342	570,625	-56.7%	14,454,567	17,313,537	-16.5%
Commodities and Alternative Inve	122,581	236,522	-48.2%	479,572	454,443	5.5%	1,779,113	1,814,046	-1.9%	4,399,924	4,278,296	2.8%
<b>TOTAL OPTIONS</b>	<b>12,543,423</b>	<b>17,613,555</b>	<b>-28.8%</b>	<b>17,762,743</b>	<b>18,437,275</b>	<b>-3.7%</b>	<b>177,670,803</b>	<b>161,084,857</b>	<b>10.3%</b>	<b>195,042,393</b>	<b>165,865,155</b>	<b>17.6%</b>
<b>TOTAL COMBINED</b>												
Interest Rate	11,894,604	16,967,764	-29.9%	45,879,416	48,648,967	-5.7%	169,669,827	153,827,913	10.3%	554,919,439	527,232,376	5.3%
Equity Index	949,435	1,017,337	-6.7%	50,102,490	55,263,385	-9.3%	12,404,696	11,449,252	8.3%	592,403,273	541,216,653	9.5%
FX	20,724	41,219	-49.7%	15,823,730	15,972,734	-0.9%	263,229	799,949	-67.1%	173,803,765	184,121,457	-5.6%
Commodities and Alternative Inve	128,488	246,597	-47.9%	2,610,360	2,709,351	-3.7%	1,837,776	2,576,955	-28.7%	25,595,901	25,656,634	-0.2%
Foreign Exchange	0	0	0.0%	0	7	-100.0%	6	0	0.0%	4	71	-94.4%
<b>GRAND TOTAL</b>	<b>12,993,251</b>	<b>18,272,917</b>	<b>-28.9%</b>	<b>114,415,996</b>	<b>122,594,444</b>	<b>-6.7%</b>	<b>184,175,534</b>	<b>168,654,069</b>	<b>9.2%</b>	<b>1,346,722,382</b>	<b>1,278,227,191</b>	<b>5.4%</b>

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