

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
Interest Rate Futures												
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%
Interest Rate Options												
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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Equity Index Futures												
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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Equity Index Options												
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	-	-
FX Futures												
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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FX Futures												
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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FX Futures												
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%
FX Options												
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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Commodities and Alternative Investments												
Futures												
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%



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
Commodities and Alternative Investments												
Options												
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%
Foreign Exchange Futures												
CHILEAN PESO	0	0	0.0%	0	7	-100.0%	6	0	0.0%	4	71	-94.4%

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.

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	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
TOTAL FUTURES GROUP												
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%
TOTAL FUTURES	449,828	659,362	-31.8%	96,653,253	104,157,169	-7.2%	6,504,731	7,569,212	-14.1%	1,151,679,989	1,112,362,036	3.5%
TOTAL OPTIONS GROUP												
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%
TOTAL OPTIONS	12,543,423	17,613,555	-28.8%	17,762,743	18,437,275	-3.7%	177,670,803	161,084,857	10.3%	195,042,393	165,865,155	17.6%
TOTAL COMBINED												
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%
GRAND TOTAL	12,993,251	18,272,917	-28.9%	114,415,996	122,594,444	-6.7%	184,175,534	168,654,069	9.2%	1,346,722,382	1,278,227,191	5.4%