



## CME Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 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	438,794	496,302	-11.6%	48,695,511	49,997,844	-2.6%	4,520,610	4,123,784	9.6%	407,354,338	400,654,539	1.7%
1-MONTH EURODOLLAR	0	0	0.0%	504	3,839	-86.9%	0	0	0.0%	9,734	43,570	-77.7%
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	8,531,878	7,466,651	14.3%	3,028,773	2,046,786	48.0%	85,189,128	54,313,872	56.8%	23,935,733	10,862,158	120.4%
EURO MIDCURVE	4,026,788	6,935,235	-41.9%	1,867,112	2,593,611	-28.0%	53,793,853	63,489,605	-15.3%	24,219,602	16,350,983	48.1%

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<b>Equity Index Futures</b>												
E-MINI S&P500	0	0	0.0%	33,323,073	46,257,304	-28.0%	0	0	0.0%	315,162,818	272,090,609	15.8%
S&P 500	48,117	79,550	-39.5%	20,056	28,055	-28.5%	858,579	1,059,003	-18.9%	152,437	139,234	9.5%
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%	304,023	471,317	-35.5%	0	0	0.0%	3,403,063	3,340,536	1.9%
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%	4	3	33.3%	0	0	0.0%	167	229	-27.1%
S&P 500/VALUE	0	0	0.0%	686	2	34,200.0%	0	0	0.0%	26,649	238	11,097.1%
E-MINI RUSSELL 1000	0	-	-	63	-	-	0	-	-	3,780	-	-
E-MINI NASDAQ 100	0	0	0.0%	4,025,428	7,319,539	-45.0%	0	0	0.0%	44,100,061	43,272,031	1.9%
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%	231,894	448,037	-48.2%	0	0	0.0%	3,168,987	2,821,704	12.3%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	883,594	1,546,656	-42.9%	0	0	0.0%	10,412,991	8,560,003	21.6%
DJ US REAL ESTATE	0	-	-	3	-	-	0	-	-	3	-	-
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	690	-100.0%	0	0	0.0%	0	690	-100.0%
S&P ENERGY SECTOR	0	0	0.0%	12,612	10,217	23.4%	0	0	0.0%	68,954	48,004	43.6%
S&P FINANCIAL SECTOR	0	0	0.0%	4,385	3,671	19.4%	0	0	0.0%	51,006	17,227	196.1%
S&P TECHNOLOGY SECTOR	0	0	0.0%	2,423	1,951	24.2%	0	0	0.0%	36,148	20,856	73.3%
S&P CONSUMER DSCRTNRY S	0	0	0.0%	3,080	4,126	-25.4%	0	0	0.0%	37,592	44,495	-15.5%
S&P HEALTH CARE SECTOR	0	0	0.0%	6,119	5,518	10.9%	0	0	0.0%	60,693	67,575	-10.2%
S&P MATERIALS SECTOR	0	0	0.0%	4,209	1,777	136.9%	0	0	0.0%	33,769	24,203	39.5%
S&P INDUSTRIAL SECTOR	0	0	0.0%	1,306	1,926	-32.2%	0	0	0.0%	21,531	17,621	22.2%
S&P CONSUMER STAPLES SE	0	0	0.0%	2,538	2,151	18.0%	0	0	0.0%	55,789	27,628	101.9%
S&P UTILITIES SECTOR	0	0	0.0%	12,740	8,542	49.1%	0	0	0.0%	94,895	70,025	35.5%
IBOVESPA INDEX	0	0	0.0%	816	501	62.9%	0	0	0.0%	5,479	3,166	73.1%
E-MINI RUSSELL 1000 VALUE	0	-	-	224	-	-	0	-	-	3,999	-	-
FT-SE 100	0	-	-	1,268	-	-	0	-	-	13,961	-	-
E-MINI RUSSELL 1000 GROWT	0	-	-	79	-	-	0	-	-	2,355	-	-

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<b>Equity Index Options</b>												
E-MINI S&P500	0	35,400	-100.0%	2,913,647	9,027,777	-67.7%	110,315	168,505	-34.5%	41,619,425	51,720,822	-19.5%
S&P 500	248,482	1,118,782	-77.8%	0	23	-100.0%	4,679,432	6,219,046	-24.8%	0	106	-100.0%
E-MINI MIDCAP	0	0	0.0%	6	0	0.0%	0	0	0.0%	16	28	-42.9%
E-MINI NASDAQ 100	0	0	0.0%	216,473	151,570	42.8%	0	0	0.0%	1,787,187	935,690	91.0%
NASDAQ	0	0	0.0%	0	0	0.0%	0	30	-100.0%	0	0	0.0%
EOM S&P 500	118,220	128,338	-7.9%	0	0	0.0%	1,369,472	844,278	62.2%	0	0	0.0%
EOM EMINI S&P	0	1,500	-100.0%	1,613,558	1,291,119	25.0%	0	1,500	-100.0%	12,588,256	9,000,653	39.9%
EOW1 S&P 500	79,921	33,299	140.0%	0	0	0.0%	464,772	254,099	82.9%	0	0	0.0%
EOW1 EMINI S&P 500	0	3,000	-100.0%	1,192,254	1,247,127	-4.4%	0	3,000	-100.0%	7,691,663	7,462,917	3.1%
EOW2 S&P 500	137,476	97,426	41.1%	0	0	0.0%	1,023,952	632,619	61.9%	0	0	0.0%
EOW2 EMINI S&P 500	0	0	0.0%	1,031,963	1,223,878	-15.7%	0	0	0.0%	7,866,144	8,051,240	-2.3%
EOW4 EMINI S&P 500	0	4,500	-100.0%	1,053,465	1,884,601	-44.1%	0	4,500	-100.0%	8,662,314	7,829,570	10.6%
EOW3 EMINI S&P 500	0	-	-	2,986,537	-	-	27,000	-	-	12,050,619	-	-
EOW3 S&P 500	297,480	-	-	0	-	-	1,719,369	-	-	0	-	-
<b>FX Futures</b>												
AUSTRALIAN DOLLAR	228	82	178.0%	2,008,326	2,036,321	-1.4%	977	5,942	-83.6%	16,883,916	15,984,844	5.6%
BRITISH POUND	16	405	-96.0%	1,848,704	2,037,279	-9.3%	721	10,629	-93.2%	18,549,014	16,800,482	10.4%
BRAZIL REAL	0	0	0.0%	49,954	54,883	-9.0%	0	30	-100.0%	387,845	305,389	27.0%
CANADIAN DOLLAR	3	161	-98.1%	1,402,829	1,468,582	-4.5%	747	7,297	-89.8%	12,273,339	11,575,868	6.0%
E-MINI EURO FX	0	0	0.0%	48,572	114,590	-57.6%	0	0	0.0%	624,111	1,065,326	-41.4%
EURO FX	626	1,356	-53.8%	2,985,639	5,229,312	-42.9%	6,946	51,546	-86.5%	31,551,142	44,900,086	-29.7%
E-MINI JAPANESE YEN	0	0	0.0%	27,185	21,579	26.0%	0	0	0.0%	276,307	145,807	89.5%
JAPANESE YEN	540	413	30.8%	2,214,623	3,394,765	-34.8%	3,325	25,877	-87.2%	23,856,593	23,803,123	0.2%
MEXICAN PESO	0	0	0.0%	1,116,373	908,337	22.9%	0	120,694	-100.0%	8,703,100	7,008,975	24.2%
NEW ZEALND DOLLAR	0	0	0.0%	441,727	409,395	7.9%	0	732	-100.0%	3,571,395	3,364,971	6.1%
NKR/USD CROSS RATE	0	0	0.0%	1,721	533	222.9%	0	0	0.0%	11,711	7,478	56.6%
RUSSIAN RUBLE	0	0	0.0%	21,929	19,745	11.1%	0	4	-100.0%	216,124	136,799	58.0%
S.AFRICAN RAND	0	0	0.0%	20,907	11,617	80.0%	0	806	-100.0%	120,440	108,338	11.2%
SWISS FRANC	0	0	0.0%	416,263	427,792	-2.7%	0	1,073	-100.0%	3,670,290	3,700,114	-0.8%
AD/CD CROSS RATES	0	0	0.0%	0	22	-100.0%	0	0	0.0%	37	194	-80.9%
AD/JY CROSS RATES	0	0	0.0%	1,864	4,430	-57.9%	0	0	0.0%	31,637	28,479	11.1%
AD/NE CROSS RATES	0	0	0.0%	35	98	-64.3%	0	0	0.0%	629	471	33.5%

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<b>FX Futures</b>												
BP/JY CROSS RATES	0	0	0.0%	1,946	776	150.8%	0	0	0.0%	14,872	9,277	60.3%
BP/SF CROSS RATES	0	0	0.0%	7	48	-85.4%	0	0	0.0%	316	1,408	-77.6%
CD/JY CROSS RATES	0	0	0.0%	0	8	-100.0%	0	0	0.0%	10	149	-93.3%
EC/AD CROSS RATES	0	0	0.0%	933	709	31.6%	0	0	0.0%	12,614	11,068	14.0%
EC/CD CROSS RATES	0	0	0.0%	1,381	1,970	-29.9%	0	0	0.0%	17,923	19,517	-8.2%
EC/NOK CROSS RATES	0	0	0.0%	0	0	0.0%	0	21	-100.0%	7	18	-61.1%
EC/SEK CROSS RATES	0	0	0.0%	31	82	-62.2%	0	0	0.0%	491	554	-11.4%
EFX/BP CROSS RATES	0	0	0.0%	37,137	50,744	-26.8%	0	0	0.0%	550,180	462,233	19.0%
EFX/JY CROSS RATES	0	0	0.0%	18,340	39,928	-54.1%	0	0	0.0%	305,763	337,483	-9.4%
EFX/SF CROSS RATES	0	0	0.0%	15,581	27,186	-42.7%	0	0	0.0%	241,292	240,520	0.3%
SF/JY CROSS RATES	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SKR/USD CROSS RATES	0	0	0.0%	1,263	813	55.4%	0	20	-100.0%	11,444	8,625	32.7%
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%	953	16	5,856.3%	0	0	0.0%	3,645	996	266.0%
POLISH ZLOTY (EC)	0	0	0.0%	5	0	0.0%	0	0	0.0%	4,597	0	0.0%
SHEKEL	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	3	-100.0%
RMB USD	0	0	0.0%	22	1,095	-98.0%	6	0	0.0%	1,670	3,607	-53.7%
KOREAN WON	0	0	0.0%	6	12	-50.0%	0	0	0.0%	124	181	-31.5%
TURKISH LIRA	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	21	-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%	184,407	377,280	-51.1%	0	0	0.0%	2,275,583	2,996,089	-24.0%
E-MICRO GBP/USD	0	0	0.0%	103,075	47,988	114.8%	0	0	0.0%	607,494	344,795	76.2%
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	5	-100.0%	0	0	0.0%	4	76	-94.7%
E-MICRO AUD/USD	0	0	0.0%	132,532	58,986	124.7%	0	0	0.0%	800,483	428,651	86.7%
MICRO CHF/USD	0	0	0.0%	1,286	2,037	-36.9%	0	0	0.0%	15,557	18,716	-16.9%
INDIAN RUPEE	0	0	0.0%	10,507	13,000	-19.2%	0	0	0.0%	96,924	91,067	6.4%
EURO QUARTERLY VARIANCE	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
USDZAR	0	0	0.0%	0	103	-100.0%	0	0	0.0%	6	468	-98.7%
E-MICRO INR/USD	0	0	0.0%	2,865	113	2,435.4%	0	0	0.0%	14,162	2,176	550.8%
E-MICRO JPY/USD	0	0	0.0%	28,667	17,920	60.0%	0	0	0.0%	234,673	105,864	121.7%

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<b>FX Futures</b>												
CHINESE RENMINBI (CNH)	0	0	0.0%	883	1,064	-17.0%	0	0	0.0%	10,905	5,121	112.9%
FCXRX	0	-	-	58	-	-	0	-	-	468	-	-
E-MICRO USD/CNH	0	0	0.0%	0	2	-100.0%	0	0	0.0%	61	291	-79.0%
E-MICRO CAD/USD	0	0	0.0%	20,567	14,761	39.3%	0	0	0.0%	163,784	102,493	59.8%
<b>FX Options</b>												
AUSTRALIAN DOLLAR	2,680	485	452.6%	107,870	119,164	-9.5%	9,259	23,410	-60.4%	1,083,932	1,033,029	4.9%
BRITISH POUND	2,685	12,215	-78.0%	175,928	179,914	-2.2%	28,630	87,525	-67.3%	1,598,215	1,832,098	-12.8%
BRAZIL REAL	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CANADIAN DOLLAR	113	1,645	-93.1%	96,905	153,610	-36.9%	23,129	22,242	4.0%	1,134,145	926,701	22.4%
EURO FX	6,058	27,334	-77.8%	470,951	921,434	-48.9%	94,128	252,501	-62.7%	5,600,868	8,682,278	-35.5%
JAPANESE YEN	2,870	9,399	-69.5%	262,099	293,906	-10.8%	56,518	96,549	-41.5%	2,423,024	1,784,441	35.8%
MEXICAN PESO	468	190	146.3%	3,503	1,396	150.9%	1,233	2,410	-48.8%	19,978	9,266	115.6%
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	20	-100.0%	4,207	6,736	-37.5%	272	4,062	-93.3%	53,197	113,763	-53.2%
JAPANESE YEN (EU)	0	0	0.0%	95	323	-70.6%	0	3	-100.0%	5,898	2,860	106.2%
EURO FX (EU)	0	0	0.0%	586	3,155	-81.4%	0	5	-100.0%	28,313	44,372	-36.2%
SWISS FRANC (EU)	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CANADIAN DOLLAR (EU)	0	0	0.0%	18	94	-80.9%	0	0	0.0%	1,786	1,356	31.7%
BRITISH POUND (EU)	0	0	0.0%	100	1,025	-90.2%	0	2	-100.0%	9,066	5,236	73.1%
AUSTRALIAN DLR (EU)	0	0	0.0%	22	67	-67.2%	0	0	0.0%	1,146	961	19.3%
OTC GBPUSD SUB	0	-	-	801	-	-	0	-	-	801	-	-
OTC EURUSD SUB	0	-	-	1,439	-	-	0	-	-	1,439	-	-
OTC USDCAD SUB	0	-	-	595	-	-	0	-	-	595	-	-
OTC AUDUSD SUB	0	-	-	496	-	-	0	-	-	496	-	-
OTC USDJPY SUB	0	-	-	533	-	-	0	-	-	533	-	-
OTC USDCHF SUB	0	-	-	72	-	-	0	-	-	72	-	-



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<b>Commodities and Alternative Investments</b>												
<b>Futures</b>												
LIVE CATTLE	4,239	3,669	15.5%	985,345	894,862	10.1%	29,273	386,057	-92.4%	8,393,256	8,082,452	3.8%
FEEDER CATTLE	40	113	-64.6%	248,740	216,006	15.2%	212	42,566	-99.5%	1,645,564	1,563,483	5.2%
LEAN HOGS	2,146	3,266	-34.3%	638,518	637,182	0.2%	16,622	304,837	-94.5%	5,804,905	6,398,425	-9.3%
LUMBER	0	0	0.0%	17,296	20,486	-15.6%	0	1,357	-100.0%	117,783	135,198	-12.9%
MILK	297	51	482.4%	30,080	16,364	83.8%	620	3,124	-80.2%	202,280	186,050	8.7%
MLK MID	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NFD MILK	0	3	-100.0%	4,417	4,184	5.6%	0	262	-100.0%	39,139	27,896	40.3%
BUTTER CS	0	0	0.0%	4,040	2,567	57.4%	0	0	0.0%	24,295	22,310	8.9%
CLASS IV MILK	0	0	0.0%	937	557	68.2%	0	149	-100.0%	7,858	6,725	16.8%
DRY WHEY	0	0	0.0%	1,617	2,004	-19.3%	0	0	0.0%	9,406	13,192	-28.7%
GSCI EXCESS RETURN FUT	0	0	0.0%	0	0	0.0%	0	0	0.0%	819	221	270.6%
GOLDMAN SACHS	0	0	0.0%	29,797	33,813	-11.9%	0	6,135	-100.0%	219,962	224,994	-2.2%
HDD WEATHER	0	0	0.0%	0	0	0.0%	0	0	0.0%	78	52	50.0%
CDD WEATHER	0	0	0.0%	50	10	400.0%	0	0	0.0%	400	260	53.8%
HDD SEASONAL STRIP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	52	-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%	5	5	0.0%	0	0	0.0%	68	54	25.9%
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	6	0	0.0%	8,932	7,235	23.5%	6	0	0.0%	84,690	72,710	16.5%
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 AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 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	75,050	97,515	-23.0%	227,537	189,006	20.4%	1,002,092	684,581	46.4%	1,908,572	1,533,360	24.5%
FEEDER CATTLE	5,390	3,409	58.1%	33,901	34,013	-0.3%	34,050	28,024	21.5%	241,597	252,481	-4.3%
LEAN HOGS	32,716	54,210	-39.6%	148,026	161,450	-8.3%	284,256	467,282	-39.2%	1,035,058	1,418,383	-27.0%
LUMBER	0	0	0.0%	950	1,370	-30.7%	105	18	483.3%	7,247	9,611	-24.6%
MILK	13,040	9,659	35.0%	22,857	10,497	117.7%	96,032	84,217	14.0%	124,365	104,607	18.9%
MLK MID	193	51	278.4%	0	0	0.0%	472	279	69.2%	0	0	0.0%
NFD MILK	1,243	2,568	-51.6%	1,068	436	145.0%	17,642	25,029	-29.5%	9,242	1,981	366.5%
BUTTER CS	754	1,139	-33.8%	95	440	-78.4%	8,103	8,646	-6.3%	1,669	1,618	3.2%
CLASS IV MILK	35	2	1,650.0%	1,274	31	4,009.7%	1,950	3,058	-36.2%	5,842	1,517	285.1%
DRY WHEY	121	60	101.7%	18	2	800.0%	751	2,379	-68.4%	55	310	-82.3%
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%	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	2	150.0%	0	0	0.0%	254	81	213.6%	0	0	0.0%
SBIN HURR	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CASH-SETTLED CHEESE	7,363	1,825	303.5%	1,390	1,320	5.3%	39,067	32,616	19.8%	18,817	11,263	67.1%
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	0	0.0%	6	0	0.0%	4	64	-93.8%

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## CME Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 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	438,794	496,302	-11.6%	48,696,015	50,001,683	-2.6%	4,520,610	4,123,784	9.6%	407,364,072	400,698,910	1.7%
Equity Index Futures	48,117	79,550	-39.5%	38,840,623	56,111,983	-30.8%	858,579	1,082,105	-20.7%	376,917,127	330,568,194	14.0%
FX Futures	1,413	2,417	-41.5%	13,169,103	16,795,926	-21.6%	12,722	224,671	-94.3%	126,112,705	134,128,228	-6.0%
Commodities and Alternative Inve	6,728	7,102	-5.3%	1,969,774	1,835,275	7.3%	46,733	744,487	-93.7%	16,550,653	16,734,128	-1.1%
Foreign Exchange Futures	0	0	0.0%	0	0	0.0%	6	0	0.0%	4	64	-93.8%
<b>TOTAL FUTURES</b>	<b>495,052</b>	<b>585,371</b>	<b>-15.4%</b>	<b>102,675,515</b>	<b>124,744,867</b>	<b>-17.7%</b>	<b>5,438,650</b>	<b>6,175,047</b>	<b>-11.9%</b>	<b>926,944,561</b>	<b>882,129,524</b>	<b>5.1%</b>
<b>TOTAL OPTIONS GROUP</b>												
Equity Index Options	881,579	1,422,245	-38.0%	11,007,903	14,826,095	-25.8%	9,394,312	8,127,577	15.6%	92,265,624	85,001,026	8.5%
Interest Rate Options	12,558,666	14,401,886	-12.8%	4,895,885	4,640,397	5.5%	138,982,981	117,803,477	18.0%	48,155,335	27,213,141	77.0%
FX Options	14,874	51,288	-71.0%	1,126,220	1,680,824	-33.0%	213,169	488,709	-56.4%	11,963,504	14,436,374	-17.1%
Commodities and Alternative Inve	135,910	170,440	-20.3%	437,116	398,565	9.7%	1,484,774	1,336,210	11.1%	3,352,482	3,335,131	0.5%
<b>TOTAL OPTIONS</b>	<b>13,591,029</b>	<b>16,045,859</b>	<b>-15.3%</b>	<b>17,467,124</b>	<b>21,545,881</b>	<b>-18.9%</b>	<b>150,075,236</b>	<b>127,755,973</b>	<b>17.5%</b>	<b>155,736,945</b>	<b>129,985,672</b>	<b>19.8%</b>
<b>TOTAL COMBINED</b>												
Interest Rate	12,997,460	14,898,188	-12.8%	53,591,900	54,642,080	-1.9%	143,503,591	121,927,261	17.7%	455,519,407	427,912,051	6.5%
Equity Index	929,696	1,501,795	-38.1%	49,848,526	70,938,078	-29.7%	10,252,891	9,209,682	11.3%	469,182,751	415,569,220	12.9%
FX	16,287	53,705	-69.7%	14,295,323	18,476,750	-22.6%	225,891	713,380	-68.3%	138,076,209	148,564,602	-7.1%
Commodities and Alternative Inve	142,638	177,542	-19.7%	2,406,890	2,233,840	7.7%	1,531,507	2,080,697	-26.4%	19,903,135	20,069,259	-0.8%
Foreign Exchange	0	0	0.0%	0	0	0.0%	6	0	0.0%	4	64	-93.8%
<b>GRAND TOTAL</b>	<b>14,086,081</b>	<b>16,631,230</b>	<b>-15.3%</b>	<b>120,142,639</b>	<b>146,290,748</b>	<b>-17.9%</b>	<b>155,513,886</b>	<b>133,931,020</b>	<b>16.1%</b>	<b>1,082,681,506</b>	<b>1,012,115,196</b>	<b>7.0%</b>

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