

## CME Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2017	Open Outcry AUG 2016	% CHG	ELEC AUG 2017	ELEC AUG 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	468,913	438,794	6.9%	43,437,061	48,695,511	-10.8%	4,915,784	4,520,610	8.7%	425,730,270	407,354,338	4.5%
1-MONTH EURODOLLAR	0	0	0.0%	2,237	504	343.8%	0	0	0.0%	42,371	9,734	335.3%
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	4,694,990	8,531,878	-45.0%	2,508,419	3,028,773	-17.2%	68,029,393	85,189,128	-20.1%	32,200,154	23,935,733	34.5%
EURO MIDCURVE	7,492,609	4,026,788	86.1%	6,734,332	1,867,112	260.7%	68,268,865	53,793,853	26.9%	41,461,489	24,219,602	71.2%

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<b>Equity Index Futures</b>												
E-MINI S&P500	0	0	0.0%	32,504,379	33,323,073	-2.5%	0	0	0.0%	248,643,119	315,162,818	-21.1%
S&P 500	25,750	48,117	-46.5%	4,247	5,559	-23.6%	530,055	858,579	-38.3%	35,930	84,639	-57.5%
S&P 600 SMALLCAP EMINI	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
E-MINI MIDCAP	0	0	0.0%	299,975	304,023	-1.3%	0	0	0.0%	2,846,955	3,403,063	-16.3%
S&P 400 MIDCAP	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
S&P 500 GROWTH	0	0	0.0%	3	4	-25.0%	0	0	0.0%	147	167	-12.0%
S&P 500/VALUE	0	0	0.0%	5,843	686	751.7%	0	0	0.0%	63,172	26,649	137.1%
E-MINI RUSSELL 2000	0	-	-	447,415	-	-	0	-	-	582,063	-	-
E-MINI RUSSELL 1000	0	0	0.0%	3,412	63	5,315.9%	0	0	0.0%	12,421	3,780	228.6%
E-MINI NASDAQ 100	0	0	0.0%	7,415,712	4,025,428	84.2%	0	0	0.0%	43,869,917	44,100,061	-0.5%
NASDAQ	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	218,230	231,894	-5.9%	0	0	0.0%	2,078,213	3,168,987	-34.4%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	828,791	883,594	-6.2%	0	0	0.0%	7,197,097	10,412,991	-30.9%
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%	8,918	12,612	-29.3%	0	0	0.0%	80,307	68,954	16.5%
S&P FINANCIAL SECTOR	0	0	0.0%	16,619	4,385	279.0%	0	0	0.0%	117,940	51,006	131.2%
S&P TECHNOLOGY SECTOR	0	0	0.0%	3,546	2,423	46.3%	0	0	0.0%	36,241	36,148	0.3%
S&P CONSUMER DSCRTNRY S	0	0	0.0%	3,138	3,080	1.9%	0	0	0.0%	31,336	37,592	-16.6%
S&P HEALTH CARE SECTOR	0	0	0.0%	4,215	6,119	-31.1%	0	0	0.0%	68,489	60,693	12.8%
S&P MATERIALS SECTOR	0	0	0.0%	3,220	4,209	-23.5%	0	0	0.0%	42,950	33,769	27.2%
S&P INDUSTRIAL SECTOR	0	0	0.0%	6,719	1,306	414.5%	0	0	0.0%	32,800	21,531	52.3%
S&P CONSUMER STAPLES SE	0	0	0.0%	2,177	2,538	-14.2%	0	0	0.0%	46,109	55,789	-17.4%
S&P UTILITIES SECTOR	0	0	0.0%	4,911	12,740	-61.5%	0	0	0.0%	102,699	94,895	8.2%
IBOVESPA INDEX	0	0	0.0%	1,027	816	25.9%	0	0	0.0%	5,195	5,479	-5.2%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	2,154	224	861.6%	0	0	0.0%	14,856	3,999	271.5%
FT-SE 100	0	0	0.0%	2,974	1,268	134.5%	0	0	0.0%	15,768	13,961	12.9%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	2,473	79	3,030.4%	0	0	0.0%	9,308	2,355	295.2%
E-MINI S&P REAL ESTATE SEL	0	0	0.0%	1,263	3	42,000.0%	0	0	0.0%	20,813	3	693,666.7%
NIFTY 50	0	0	0.0%	15,995	14,497	10.3%	0	0	0.0%	84,770	67,798	25.0%

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<b>Equity Index Options</b>												
E-MINI S&P500	0	0	0.0%	5,705,797	2,913,647	95.8%	1,935	110,315	-98.2%	33,116,049	41,619,425	-20.4%
S&P 500	483,641	248,482	94.6%	0	0	0.0%	2,541,585	4,679,432	-45.7%	0	0	0.0%
E-MINI MIDCAP	0	0	0.0%	0	6	-100.0%	0	0	0.0%	0	16	-100.0%
E-MINI RUSSELL 2000	0	-	-	6,724	-	-	0	-	-	8,912	-	-
E-MINI NASDAQ 100	0	0	0.0%	360,616	216,473	66.6%	0	0	0.0%	1,816,708	1,787,187	1.7%
NASDAQ	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EOM S&P 500	192,110	118,220	62.5%	0	0	0.0%	1,396,096	1,369,472	1.9%	0	0	0.0%
EOM EMINI S&P	0	0	0.0%	2,080,680	1,613,558	28.9%	0	0	0.0%	15,882,299	12,588,256	26.2%
EOW1 S&P 500	91,082	79,921	14.0%	0	0	0.0%	695,827	464,772	49.7%	0	0	0.0%
EOW1 EMINI S&P 500	0	0	0.0%	940,366	1,192,254	-21.1%	0	0	0.0%	8,734,638	7,691,663	13.6%
EOW2 S&P 500	197,130	137,476	43.4%	0	0	0.0%	1,324,566	1,023,952	29.4%	0	0	0.0%
EOW2 EMINI S&P 500	0	0	0.0%	1,383,549	1,031,963	34.1%	0	0	0.0%	9,002,565	7,866,144	14.4%
EOW4 EMINI S&P 500	0	0	0.0%	1,275,028	1,053,465	21.0%	0	0	0.0%	7,573,159	8,662,314	-12.6%
EOM3 E-MINI S&P 500 END OF	0	-	-	5,170	-	-	0	-	-	7,931	-	-
EOW3 EMINI S&P 500	3,000	0	0.0%	3,572,196	2,986,537	19.6%	3,000	27,000	-88.9%	28,046,806	12,050,619	132.7%
EOW3 S&P 500	375,215	297,480	26.1%	0	0	0.0%	2,814,477	1,719,369	63.7%	0	0	0.0%
<b>FX Futures</b>												
AUSTRALIAN DOLLAR	0	228	-100.0%	2,038,588	2,008,326	1.5%	1,506	977	54.1%	15,170,621	16,883,916	-10.1%
BRITISH POUND	0	16	-100.0%	2,120,911	1,848,704	14.7%	248	721	-65.6%	19,080,512	18,549,014	2.9%
BRAZIL REAL	0	0	0.0%	51,932	49,954	4.0%	0	0	0.0%	395,560	387,845	2.0%
CANADIAN DOLLAR	496	3	16,433.3%	1,514,219	1,402,829	7.9%	2,532	747	239.0%	12,251,738	12,273,339	-0.2%
E-MINI EURO FX	0	0	0.0%	97,241	48,572	100.2%	0	0	0.0%	729,262	624,111	16.8%
EURO FX	193	626	-69.2%	4,666,145	2,985,639	56.3%	2,459	6,946	-64.6%	35,506,637	31,551,142	12.5%
E-MINI JAPANESE YEN	0	0	0.0%	23,166	27,185	-14.8%	0	0	0.0%	269,426	276,307	-2.5%
JAPANESE YEN	882	540	63.3%	3,385,170	2,214,623	52.9%	8,676	3,325	160.9%	26,835,864	23,856,593	12.5%
MEXICAN PESO	0	0	0.0%	810,536	1,116,373	-27.4%	5	0	0.0%	7,820,400	8,703,100	-10.1%
NEW ZEALND DOLLAR	0	0	0.0%	505,052	441,727	14.3%	0	0	0.0%	3,909,056	3,571,395	9.5%
NKR/USD CROSS RATE	0	0	0.0%	1,445	1,721	-16.0%	0	0	0.0%	13,891	11,711	18.6%
RUSSIAN RUBLE	0	0	0.0%	29,029	21,929	32.4%	0	0	0.0%	274,348	216,124	26.9%
S.AFRICAN RAND	0	0	0.0%	44,527	20,907	113.0%	0	0	0.0%	336,819	120,440	179.7%
SWISS FRANC	0	0	0.0%	685,928	416,263	64.8%	0	0	0.0%	4,389,023	3,670,290	19.6%
AD/CD CROSS RATES	0	0	0.0%	4	0	0.0%	0	0	0.0%	33	37	-10.8%

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<b>FX Futures</b>												
AD/JY CROSS RATES	0	0	0.0%	2,432	1,864	30.5%	0	0	0.0%	17,922	31,637	-43.4%
AD/NE CROSS RATES	0	0	0.0%	101	35	188.6%	0	0	0.0%	720	629	14.5%
BP/JY CROSS RATES	0	0	0.0%	2,908	1,946	49.4%	0	0	0.0%	20,842	14,872	40.1%
BP/SF CROSS RATES	0	0	0.0%	15	7	114.3%	0	0	0.0%	612	316	93.7%
CD/JY CROSS RATES	0	0	0.0%	50	0	0.0%	0	0	0.0%	552	10	5,420.0%
EC/AD CROSS RATES	0	0	0.0%	1,008	933	8.0%	0	0	0.0%	18,671	12,614	48.0%
EC/CD CROSS RATES	0	0	0.0%	3,186	1,381	130.7%	0	0	0.0%	31,707	17,923	76.9%
EC/NOK CROSS RATES	0	0	0.0%	321	0	0.0%	0	0	0.0%	765	7	10,828.6%
EC/SEK CROSS RATES	0	0	0.0%	446	31	1,338.7%	0	0	0.0%	3,046	491	520.4%
EFX/BP CROSS RATES	0	0	0.0%	55,280	37,137	48.9%	0	0	0.0%	497,556	550,180	-9.6%
EFX/JY CROSS RATES	0	0	0.0%	72,748	18,340	296.7%	0	0	0.0%	488,998	305,763	59.9%
EFX/SF CROSS RATES	0	0	0.0%	35,360	15,581	126.9%	0	0	0.0%	263,257	241,292	9.1%
SF/JY CROSS RATES	0	-	-	0	-	-	0	-	-	0	-	-
SKR/USD CROSS RATES	0	0	0.0%	1,523	1,263	20.6%	0	0	0.0%	15,055	11,444	31.6%
HUNGARIAN FORINT (US)	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
POLISH ZLOTY (US)	0	0	0.0%	70	953	-92.7%	0	0	0.0%	867	3,645	-76.2%
POLISH ZLOTY (EC)	0	0	0.0%	18	5	260.0%	0	0	0.0%	371	4,597	-91.9%
SHEKEL	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
RMB USD	0	0	0.0%	28	22	27.3%	0	6	-100.0%	230	1,670	-86.2%
KOREAN WON	0	0	0.0%	8	6	33.3%	0	0	0.0%	137	124	10.5%
TURKISH LIRA	0	0	0.0%	0	0	0.0%	0	0	0.0%	12	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%	281,860	184,407	52.8%	0	0	0.0%	2,031,467	2,275,583	-10.7%
E-MICRO GBP/USD	0	0	0.0%	36,635	103,075	-64.5%	0	0	0.0%	459,741	607,494	-24.3%
E-MICRO USD/CAD	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	22	-100.0%
E-MICRO USD/CHF	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	1	-100.0%
E-MICRO USD/JPY	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	4	-100.0%
E-MICRO AUD/USD	0	0	0.0%	105,362	132,532	-20.5%	0	0	0.0%	682,310	800,483	-14.8%
MICRO CHF/USD	0	0	0.0%	1,023	1,286	-20.5%	0	0	0.0%	7,536	15,557	-51.6%
INDIAN RUPEE	0	0	0.0%	35,535	10,507	238.2%	0	0	0.0%	247,078	96,924	154.9%
USDZAR	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	6	-100.0%
E-MICRO INR/USD	0	0	0.0%	2,197	2,865	-23.3%	0	0	0.0%	20,406	14,162	44.1%
E-MICRO JPY/USD	0	0	0.0%	30,881	28,667	7.7%	0	0	0.0%	327,675	234,673	39.6%
CHINESE RENMINBI (CNH)	0	0	0.0%	1,404	883	59.0%	0	0	0.0%	11,080	10,905	1.6%
FCXRX	0	0	0.0%	0	58	-100.0%	0	0	0.0%	6,243	468	1,234.0%

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<b>FX Futures</b>												
E-MICRO USD/CNH	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	61	-100.0%
E-MICRO CAD/USD	0	0	0.0%	24,740	20,567	20.3%	0	0	0.0%	151,043	163,784	-7.8%
<b>FX Options</b>												
AUSTRALIAN DOLLAR	0	2,680	-100.0%	0	107,870	-100.0%	2,674	9,259	-71.1%	200,250	1,083,932	-81.5%
BRITISH POUND	0	2,685	-100.0%	0	175,928	-100.0%	693	28,630	-97.6%	462,114	1,598,215	-71.1%
CANADIAN DOLLAR	0	113	-100.0%	0	96,905	-100.0%	4,597	23,129	-80.1%	183,080	1,134,145	-83.9%
EURO FX	0	6,058	-100.0%	0	470,951	-100.0%	8,535	94,128	-90.9%	1,287,538	5,600,868	-77.0%
JAPANESE YEN	0	2,870	-100.0%	0	262,099	-100.0%	8,468	56,518	-85.0%	544,469	2,423,024	-77.5%
MEXICAN PESO	0	468	-100.0%	235	3,503	-93.3%	749	1,233	-39.3%	20,371	19,978	2.0%
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	0	0.0%	0	4,207	-100.0%	0	272	-100.0%	5,710	53,197	-89.3%
JAPANESE YEN (EU)	0	0	0.0%	0	95	-100.0%	0	0	0.0%	180	5,898	-96.9%
EURO FX (EU)	0	0	0.0%	90	586	-84.6%	0	0	0.0%	436	28,313	-98.5%
SWISS FRANC (EU)	0	-	-	1	-	-	0	-	-	15	-	-
CANADIAN DOLLAR (EU)	0	0	0.0%	13	18	-27.8%	0	0	0.0%	111	1,786	-93.8%
BRITISH POUND (EU)	0	0	0.0%	443	100	343.0%	0	0	0.0%	1,765	9,066	-80.5%
AUSTRALIAN DLR (EU)	0	0	0.0%	0	22	-100.0%	0	0	0.0%	2	1,146	-99.8%
CHF/USD PQO 2pm Fix	0	0	0.0%	3,799	72	5,176.4%	0	0	0.0%	19,485	72	26,962.5%
GBP/USD PQO 2pm Fix	164	0	0.0%	230,638	801	28,693.8%	2,634	0	0.0%	1,365,764	801	170,407.4%
AUD/USD PQO 2pm Fix	163	0	0.0%	143,263	496	28,783.7%	4,338	0	0.0%	814,646	496	164,143.1%
EUR/USD PQO 2pm Fix	2,150	0	0.0%	1,063,210	1,439	73,785.3%	20,941	0	0.0%	4,551,816	1,439	316,218.0%
JPY/USD PQO 2pm Fix	3,229	0	0.0%	336,693	533	63,069.4%	30,535	0	0.0%	1,929,643	533	361,934.3%
CAD/USD PQO 2pm Fix	1,627	0	0.0%	165,426	595	27,702.7%	4,095	0	0.0%	961,161	595	161,439.7%

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<b>Commodities and Alternative Investments</b>												
<b>Futures</b>												
LIVE CATTLE	719	4,239	-83.0%	1,152,224	985,345	16.9%	31,057	29,273	6.1%	11,020,933	8,393,256	31.3%
FEEDER CATTLE	32	40	-20.0%	382,734	248,740	53.9%	455	212	114.6%	2,368,292	1,645,564	43.9%
LEAN HOGS	4,129	2,146	92.4%	971,278	638,518	52.1%	22,888	16,622	37.7%	7,281,538	5,804,905	25.4%
LUMBER	0	0	0.0%	15,662	17,296	-9.4%	0	0	0.0%	129,404	117,783	9.9%
MILK	125	297	-57.9%	30,844	30,080	2.5%	916	620	47.7%	220,825	202,280	9.2%
MLK MID	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NFD MILK	14	0	0.0%	5,553	4,417	25.7%	14	0	0.0%	39,252	39,139	0.3%
BUTTER CS	0	0	0.0%	4,084	4,040	1.1%	0	0	0.0%	24,572	24,295	1.1%
CLASS IV MILK	6	0	0.0%	1,084	937	15.7%	67	0	0.0%	8,557	7,858	8.9%
DRY WHEY	0	0	0.0%	1,209	1,617	-25.2%	0	0	0.0%	14,937	9,406	58.8%
GSCI EXCESS RETURN FUT	0	0	0.0%	0	0	0.0%	0	0	0.0%	702	819	-14.3%
GOLDMAN SACHS	0	0	0.0%	31,341	29,797	5.2%	0	0	0.0%	274,008	219,962	24.6%
HDD WEATHER	0	0	0.0%	0	0	0.0%	0	0	0.0%	50	78	-35.9%
CDD WEATHER	0	0	0.0%	0	50	-100.0%	0	0	0.0%	25	400	-93.8%
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	100	-50.0%
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	50	-100.0%
CAT 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%	18	5	260.0%	0	0	0.0%	100	68	47.1%
USD CRUDE PALM OIL	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CASH-SETTLED CHEESE	0	6	-100.0%	10,004	8,932	12.0%	0	6	-100.0%	77,940	84,690	-8.0%
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%



## CME Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2017	Open Outcry AUG 2016	% CHG	ELEC AUG 2017	ELEC AUG 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	40,253	75,050	-46.4%	183,859	227,537	-19.2%	420,883	1,002,092	-58.0%	1,568,871	1,908,572	-17.8%
FEEDER CATTLE	5,242	5,390	-2.7%	35,941	33,901	6.0%	32,933	34,050	-3.3%	242,817	241,597	0.5%
LEAN HOGS	41,991	32,716	28.4%	276,536	148,026	86.8%	235,235	284,256	-17.2%	1,405,322	1,035,058	35.8%
LUMBER	5	0	0.0%	1,015	950	6.8%	40	105	-61.9%	8,897	7,247	22.8%
MILK	14,160	13,040	8.6%	22,781	22,857	-0.3%	98,852	96,032	2.9%	188,009	124,365	51.2%
MLK MID	0	193	-100.0%	0	0	0.0%	501	472	6.1%	0	0	0.0%
NFD MILK	1,040	1,243	-16.3%	1,998	1,068	87.1%	11,817	17,642	-33.0%	20,874	9,242	125.9%
BUTTER CS	754	754	0.0%	1,420	95	1,394.7%	7,972	8,103	-1.6%	3,497	1,669	109.5%
CLASS IV MILK	132	35	277.1%	1,631	1,274	28.0%	2,335	1,950	19.7%	11,764	5,842	101.4%
DRY WHEY	2	121	-98.3%	69	18	283.3%	2,325	751	209.6%	1,176	55	2,038.2%
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	0	0.0%	10	0	0.0%	0	0	0.0%	35	18	94.4%
LV CATL CSO	0	5	-100.0%	0	0	0.0%	1,267	254	398.8%	0	0	0.0%
CASH-SETTLED CHEESE	3,098	7,363	-57.9%	3,487	1,390	150.9%	30,001	39,067	-23.2%	25,386	18,817	34.9%
<b>Foreign Exchange Futures</b>												
CHILEAN PESO	0	0	0.0%	4,000	0	0.0%	0	6	-100.0%	11,476	4	286,800.0%
<b>TOTAL FUTURES GROUP</b>												
Interest Rate Futures	468,913	438,794	6.9%	43,439,298	48,696,015	-10.8%	4,915,784	4,520,610	8.7%	425,772,641	407,364,072	4.5%
Equity Index Futures	25,750	48,117	-46.5%	41,807,356	38,840,623	7.6%	530,055	858,579	-38.3%	306,038,615	376,917,127	-18.8%
FX Futures	1,571	1,413	11.2%	16,669,032	13,169,103	26.6%	15,426	12,722	21.3%	132,289,089	126,112,705	4.9%
Commodities and Alternative Inve	5,025	6,728	-25.3%	2,606,035	1,969,774	32.3%	55,397	46,733	18.5%	21,461,185	16,550,653	29.7%
Foreign Exchange Futures	0	0	0.0%	4,000	0	0.0%	0	6	-100.0%	11,476	4	286,800.0%
<b>TOTAL FUTURES</b>	<b>501,259</b>	<b>495,052</b>	<b>1.3%</b>	<b>104,525,721</b>	<b>102,675,515</b>	<b>1.8%</b>	<b>5,516,662</b>	<b>5,438,650</b>	<b>1.4%</b>	<b>885,573,006</b>	<b>926,944,561</b>	<b>-4.5%</b>

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	Open Outcry AUG 2017	Open Outcry AUG 2016	% CHG	ELEC AUG 2017	ELEC AUG 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	1,342,178	881,579	52.2%	15,330,126	11,007,903	39.3%	8,777,486	9,394,312	-6.6%	104,189,067	92,265,624	12.9%
Interest Rate Options	12,187,599	12,558,666	-3.0%	9,242,751	4,895,885	88.8%	136,298,258	138,982,981	-1.9%	73,661,643	48,155,335	53.0%
FX Options	7,333	14,874	-50.7%	1,943,811	1,126,220	72.6%	88,259	213,169	-58.6%	12,348,556	11,963,504	3.2%
Commodities and Alternative Inve	106,677	135,910	-21.5%	528,747	437,116	21.0%	844,161	1,484,774	-43.1%	3,476,648	3,352,482	3.7%
<b>TOTAL OPTIONS</b>	<b>13,643,787</b>	<b>13,591,029</b>	<b>0.4%</b>	<b>27,045,435</b>	<b>17,467,124</b>	<b>54.8%</b>	<b>146,008,164</b>	<b>150,075,236</b>	<b>-2.7%</b>	<b>193,675,914</b>	<b>155,736,945</b>	<b>24.4%</b>
<b>TOTAL COMBINED</b>												
Interest Rate	12,656,512	12,997,460	-2.6%	52,682,049	53,591,900	-1.7%	141,214,042	143,503,591	-1.6%	499,434,284	455,519,407	9.6%
Equity Index	1,367,928	929,696	47.1%	57,137,482	49,848,526	14.6%	9,307,541	10,252,891	-9.2%	410,227,682	469,182,751	-12.6%
FX	8,904	16,287	-45.3%	18,612,843	14,295,323	30.2%	103,685	225,891	-54.1%	144,637,645	138,076,209	4.8%
Commodities and Alternative Inve	111,702	142,638	-21.7%	3,134,782	2,406,890	30.2%	899,558	1,531,507	-41.3%	24,937,833	19,903,135	25.3%
Foreign Exchange	0	0	0.0%	4,000	0	0.0%	0	6	-100.0%	11,476	4	286,800.0%
<b>GRAND TOTAL</b>	<b>14,145,046</b>	<b>14,086,081</b>	<b>0.4%</b>	<b>131,571,156</b>	<b>120,142,639</b>	<b>9.5%</b>	<b>151,524,826</b>	<b>155,513,886</b>	<b>-2.6%</b>	<b>1,079,248,920</b>	<b>1,082,681,506</b>	<b>-0.3%</b>

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