

## CME Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2017	Open Outcry SEP 2016	% CHG	ELEC SEP 2017	ELEC SEP 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	626,060	388,932	61.0%	53,616,859	48,518,680	10.5%	5,541,844	4,909,542	12.9%	479,347,129	455,873,018	5.1%
1-MONTH EURODOLLAR	0	0	0.0%	2,893	587	392.8%	0	0	0.0%	45,264	10,321	338.6%
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	7,137,812	9,247,607	-22.8%	3,705,799	2,908,881	27.4%	75,167,205	94,436,735	-20.4%	35,905,953	26,844,614	33.8%
EURO MIDCURVE	8,480,060	4,635,093	83.0%	7,194,571	2,092,468	243.8%	76,748,925	58,428,946	31.4%	48,656,060	26,312,070	84.9%

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<b>Equity Index Futures</b>												
E-MINI S&P500	0	0	0.0%	33,269,343	49,659,658	-33.0%	0	0	0.0%	281,912,462	364,822,476	-22.7%
S&P 500	135,054	219,948	-38.6%	3,236	9,160	-64.7%	665,109	1,078,527	-38.3%	39,166	93,799	-58.2%
S&P 600 SMALLCAP EMINI	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
E-MINI MIDCAP	0	0	0.0%	411,458	596,353	-31.0%	0	0	0.0%	3,258,413	3,999,416	-18.5%
S&P 400 MIDCAP	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
S&P 500 GROWTH	0	0	0.0%	85	41	107.3%	0	0	0.0%	232	208	11.5%
S&P 500/VALUE	0	0	0.0%	4,188	553	657.3%	0	0	0.0%	67,360	27,202	147.6%
E-MINI RUSSELL 2000	0	-	-	2,822,378	-	-	0	-	-	3,404,441	-	-
E-MINI RUSSELL 1000	0	0	0.0%	4,818	243	1,882.7%	0	0	0.0%	17,239	4,023	328.5%
E-MINI NASDAQ 100	0	0	0.0%	6,729,943	6,499,531	3.5%	0	0	0.0%	50,599,860	50,599,592	0.0%
NASDAQ	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	274,544	324,186	-15.3%	0	0	0.0%	2,352,757	3,493,173	-32.6%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	852,391	1,141,610	-25.3%	0	0	0.0%	8,049,488	11,554,601	-30.3%
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	0.0%	-	0	0.0%	-	0	0.0%
S&P ENERGY SECTOR	0	0	0.0%	15,450	15,798	-2.2%	0	0	0.0%	95,757	84,752	13.0%
S&P FINANCIAL SECTOR	0	0	0.0%	25,292	11,996	110.8%	0	0	0.0%	143,232	63,002	127.3%
S&P TECHNOLOGY SECTOR	0	0	0.0%	13,151	9,621	36.7%	0	0	0.0%	49,392	45,769	7.9%
S&P CONSUMER DSCRTNRY S	0	0	0.0%	6,450	6,360	1.4%	0	0	0.0%	37,786	43,952	-14.0%
S&P HEALTH CARE SECTOR	0	0	0.0%	15,505	9,569	62.0%	0	0	0.0%	83,994	70,262	19.5%
S&P MATERIALS SECTOR	0	0	0.0%	10,791	6,833	57.9%	0	0	0.0%	53,741	40,602	32.4%
S&P INDUSTRIAL SECTOR	0	0	0.0%	9,453	3,971	138.1%	0	0	0.0%	42,253	25,502	65.7%
S&P CONSUMER STAPLES SE	0	0	0.0%	32,441	13,881	133.7%	0	0	0.0%	78,550	69,670	12.7%
S&P UTILITIES SECTOR	0	0	0.0%	33,802	12,744	165.2%	0	0	0.0%	136,501	107,639	26.8%
IBOVESPA INDEX	0	0	0.0%	192	519	-63.0%	0	0	0.0%	5,387	5,998	-10.2%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	4,284	306	1,300.0%	0	0	0.0%	19,140	4,305	344.6%
FT-SE 100	0	0	0.0%	907	441	105.7%	0	0	0.0%	4,731	5,881	-19.6%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	2,852	255	1,018.4%	0	0	0.0%	12,160	2,610	365.9%
E-MINI S&P REAL ESTATE SEL	0	0	0.0%	2,554	1,072	138.2%	0	0	0.0%	23,367	1,075	2,073.7%
NIFTY 50	0	0	0.0%	18,228	22,979	-20.7%	0	0	0.0%	102,998	90,777	13.5%
E-mini FTSE China 50	0	0	0.0%	1,449	833	73.9%	0	0	0.0%	13,045	7,784	67.6%
E-mini FTSE 100 (USD)	0	0	0.0%	266	0	0.0%	0	0	0.0%	386	373	3.5%
FTSE Emerging	0	0	0.0%	41	160	-74.4%	0	0	0.0%	269	1,357	-80.2%

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<b>Equity Index Options</b>												
E-MINI S&P500	0	0	0.0%	4,585,072	4,566,839	0.4%	1,935	110,315	-98.2%	37,701,121	46,186,264	-18.4%
S&P 500	320,586	208,661	53.6%	0	0	0.0%	2,862,171	4,888,093	-41.4%	0	0	0.0%
E-MINI MIDCAP	0	0	0.0%	0	1	-100.0%	0	0	0.0%	0	17	-100.0%
E-MINI RUSSELL 2000	0	-	-	10,761	-	-	0	-	-	19,673	-	-
E-MINI NASDAQ 100	0	0	0.0%	230,746	226,932	1.7%	0	0	0.0%	2,047,454	2,014,119	1.7%
NASDAQ	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EOM S&P 500	218,798	232,428	-5.9%	0	0	0.0%	1,614,894	1,601,900	0.8%	0	0	0.0%
EOM EMINI S&P	0	0	0.0%	2,073,790	2,454,627	-15.5%	0	0	0.0%	17,956,089	15,042,883	19.4%
EOW1 S&P 500	73,833	67,367	9.6%	0	0	0.0%	769,660	532,139	44.6%	0	0	0.0%
EOW1 EMINI S&P 500	0	0	0.0%	741,584	1,081,353	-31.4%	0	0	0.0%	9,476,222	8,773,016	8.0%
EOW2 S&P 500	136,564	154,814	-11.8%	0	0	0.0%	1,461,130	1,178,766	24.0%	0	0	0.0%
EOW2 EMINI S&P 500	0	0	0.0%	612,816	1,216,922	-49.6%	0	0	0.0%	9,615,381	9,083,066	5.9%
EOW4 EMINI S&P 500	0	0	0.0%	986,983	1,605,212	-38.5%	0	0	0.0%	8,560,142	10,267,526	-16.6%
EOM3 E-MINI S&P 500 END OF	0	-	-	1,704	-	-	0	-	-	2,400	-	-
EOW3 EMINI S&P 500	0	0	0.0%	2,524,133	3,617,473	-30.2%	3,000	27,000	-88.9%	30,570,939	15,668,092	95.1%
EOW3 S&P 500	360,150	319,152	12.8%	0	0	0.0%	3,174,627	2,038,521	55.7%	0	0	0.0%
E-mini Russell 2000	0	-	-	20,647	-	-	0	-	-	26,244	-	-
E-mini Russell 2000	0	-	-	3,052	-	-	0	-	-	4,690	-	-
<b>FX Futures</b>												
AUSTRALIAN DOLLAR	31	475	-93.5%	2,575,327	2,444,885	5.3%	1,537	1,452	5.9%	17,745,948	19,328,801	-8.2%
BRITISH POUND	0	139	-100.0%	3,395,872	2,533,332	34.0%	248	860	-71.2%	22,476,384	21,082,346	6.6%
BRAZIL REAL	0	0	0.0%	60,071	44,424	35.2%	0	0	0.0%	455,631	432,269	5.4%
CANADIAN DOLLAR	0	0	0.0%	2,127,458	1,856,703	14.6%	2,532	747	239.0%	14,379,196	14,130,042	1.8%
E-MINI EURO FX	0	0	0.0%	134,404	69,816	92.5%	0	0	0.0%	863,666	693,927	24.5%
EURO FX	142	462	-69.3%	5,837,373	4,646,369	25.6%	2,601	7,408	-64.9%	41,344,010	36,197,511	14.2%
E-MINI JAPANESE YEN	0	0	0.0%	17,745	31,266	-43.2%	0	0	0.0%	287,171	307,573	-6.6%
JAPANESE YEN	231	274	-15.7%	4,582,482	3,253,124	40.9%	8,907	3,599	147.5%	31,418,346	27,109,717	15.9%
MEXICAN PESO	0	0	0.0%	1,494,833	1,705,434	-12.3%	5	0	0.0%	9,315,233	10,408,534	-10.5%
NEW ZEALND DOLLAR	0	0	0.0%	690,635	707,966	-2.4%	0	0	0.0%	4,599,691	4,279,361	7.5%
NKR/USD CROSS RATE	0	0	0.0%	2,851	3,879	-26.5%	0	0	0.0%	16,742	15,590	7.4%
RUSSIAN RUBLE	0	0	0.0%	45,931	31,588	45.4%	0	0	0.0%	320,279	247,712	29.3%
S.AFRICAN RAND	0	0	0.0%	76,535	33,711	127.0%	0	0	0.0%	413,354	154,151	168.1%

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<b>FX Futures</b>												
SWISS FRANC	0	0	0.0%	769,279	580,259	32.6%	0	0	0.0%	5,158,302	4,250,549	21.4%
AD/CD CROSS RATES	0	0	0.0%	4	13	-69.2%	0	0	0.0%	37	50	-26.0%
AD/JY CROSS RATES	0	0	0.0%	4,024	3,850	4.5%	0	0	0.0%	21,946	35,487	-38.2%
AD/NE CROSS RATES	0	0	0.0%	39	41	-4.9%	0	0	0.0%	759	670	13.3%
BP/JY CROSS RATES	0	0	0.0%	4,402	2,432	81.0%	0	0	0.0%	25,244	17,304	45.9%
BP/SF CROSS RATES	0	0	0.0%	85	50	70.0%	0	0	0.0%	697	366	90.4%
CD/JY CROSS RATES	0	0	0.0%	2	1	100.0%	0	0	0.0%	554	11	4,936.4%
EC/AD CROSS RATES	0	0	0.0%	2,870	3,608	-20.5%	0	0	0.0%	21,541	16,222	32.8%
EC/CD CROSS RATES	0	0	0.0%	7,695	5,124	50.2%	0	0	0.0%	39,402	23,047	71.0%
EC/NOK CROSS RATES	0	0	0.0%	521	2	25,950.0%	0	0	0.0%	1,286	9	14,188.9%
EC/SEK CROSS RATES	0	0	0.0%	2,343	109	2,049.5%	0	0	0.0%	5,389	600	798.2%
EFX/BP CROSS RATES	0	0	0.0%	150,034	91,066	64.8%	0	0	0.0%	647,590	641,246	1.0%
EFX/JY CROSS RATES	0	0	0.0%	101,177	56,243	79.9%	0	0	0.0%	590,175	362,006	63.0%
EFX/SF CROSS RATES	0	0	0.0%	46,929	37,798	24.2%	0	0	0.0%	310,186	279,090	11.1%
SF/JY CROSS RATES	0	-	-	0	-	-	0	-	-	0	-	-
SKR/USD CROSS RATES	0	0	0.0%	3,843	2,472	55.5%	0	0	0.0%	18,898	13,916	35.8%
HUNGARIAN FORINT (US)	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
POLISH ZLOTY (US)	0	0	0.0%	75	675	-88.9%	0	0	0.0%	942	4,320	-78.2%
POLISH ZLOTY (EC)	0	0	0.0%	10	7	42.9%	0	0	0.0%	381	4,604	-91.7%
SHEKEL	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
RMB USD	0	0	0.0%	46	63	-27.0%	0	6	-100.0%	276	1,733	-84.1%
KOREAN WON	0	0	0.0%	38	43	-11.6%	0	0	0.0%	175	167	4.8%
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%	279,760	258,466	8.2%	0	0	0.0%	2,311,227	2,534,049	-8.8%
E-MICRO GBP/USD	0	0	0.0%	61,737	95,147	-35.1%	0	0	0.0%	521,478	702,641	-25.8%
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%	98,832	121,550	-18.7%	0	0	0.0%	781,142	922,033	-15.3%
MICRO CHF/USD	0	0	0.0%	1,038	1,610	-35.5%	0	0	0.0%	8,574	17,167	-50.1%
INDIAN RUPEE	0	0	0.0%	57,411	12,914	344.6%	0	0	0.0%	304,489	109,838	177.2%
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%	2,863	4,820	-40.6%	0	0	0.0%	23,269	18,982	22.6%
E-MICRO JPY/USD	0	0	0.0%	31,763	32,044	-0.9%	0	0	0.0%	359,438	266,717	34.8%

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<b>FX Futures</b>												
CHINESE RENMINBI (CNH)	0	0	0.0%	2,688	1,070	151.2%	0	0	0.0%	13,768	11,975	15.0%
FCXRX	0	0	0.0%	0	827	-100.0%	0	0	0.0%	6,243	1,295	382.1%
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%	35,050	24,898	40.8%	0	0	0.0%	186,093	188,682	-1.4%
<b>FX Options</b>												
AUSTRALIAN DOLLAR	0	3,247	-100.0%	0	136,076	-100.0%	2,674	12,506	-78.6%	200,250	1,220,008	-83.6%
BRITISH POUND	0	3,333	-100.0%	0	158,012	-100.0%	693	31,963	-97.8%	462,114	1,756,227	-73.7%
CANADIAN DOLLAR	0	324	-100.0%	0	111,689	-100.0%	4,597	23,453	-80.4%	183,080	1,245,834	-85.3%
EURO FX	0	3,006	-100.0%	0	422,912	-100.0%	8,535	97,134	-91.2%	1,287,538	6,023,780	-78.6%
JAPANESE YEN	0	3,393	-100.0%	0	227,770	-100.0%	8,468	59,911	-85.9%	544,469	2,650,794	-79.5%
MEXICAN PESO	21	1,090	-98.1%	99	7,140	-98.6%	770	2,323	-66.9%	20,470	27,118	-24.5%
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	4,466	-100.0%	0	272	-100.0%	5,710	57,663	-90.1%
JAPANESE YEN (EU)	0	0	0.0%	0	1	-100.0%	0	0	0.0%	180	5,899	-96.9%
EURO FX (EU)	0	0	0.0%	7	66	-89.4%	0	0	0.0%	443	28,379	-98.4%
SWISS FRANC (EU)	0	-	-	0	-	-	0	-	-	15	-	-
CANADIAN DOLLAR (EU)	0	0	0.0%	0	3	-100.0%	0	0	0.0%	111	1,789	-93.8%
BRITISH POUND (EU)	0	0	0.0%	881	16	5,406.3%	0	0	0.0%	2,646	9,082	-70.9%
AUSTRALIAN DLR (EU)	0	0	0.0%	0	0	0.0%	0	0	0.0%	2	1,146	-99.8%
CHF/USD PQO 2pm Fix	0	0	0.0%	2,829	967	192.6%	0	0	0.0%	22,314	1,039	2,047.6%
GBP/USD PQO 2pm Fix	2,054	40	5,035.0%	355,095	23,470	1,413.0%	4,688	40	11,620.0%	1,720,859	24,271	6,990.2%
AUD/USD PQO 2pm Fix	1,408	300	369.3%	148,084	13,680	982.5%	5,746	300	1,815.3%	962,730	14,176	6,691.3%
EUR/USD PQO 2pm Fix	3,564	512	596.1%	874,685	47,606	1,737.3%	24,505	512	4,686.1%	5,426,501	49,045	10,964.3%
JPY/USD PQO 2pm Fix	2,638	19	13,784.2%	362,722	29,933	1,111.8%	33,173	19	174,494.7%	2,292,365	30,466	7,424.3%
CAD/USD PQO 2pm Fix	26	0	0.0%	244,734	20,320	1,104.4%	4,121	0	0.0%	1,205,895	20,915	5,665.7%

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<b>Commodities and Alternative Investments</b>												
<b>Futures</b>												
LIVE CATTLE	1,084	2,916	-62.8%	1,358,632	1,332,789	1.9%	32,141	32,189	-0.1%	12,379,565	9,726,045	27.3%
FEEDER CATTLE	0	68	-100.0%	319,319	248,437	28.5%	455	280	62.5%	2,687,611	1,894,001	41.9%
LEAN HOGS	2,153	2,786	-22.7%	1,112,382	842,493	32.0%	25,041	19,408	29.0%	8,393,920	6,647,398	26.3%
LUMBER	0	0	0.0%	15,795	13,199	19.7%	0	0	0.0%	145,199	130,982	10.9%
MILK	44	253	-82.6%	22,352	27,761	-19.5%	960	873	10.0%	243,177	230,041	5.7%
MLK MID	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NFD MILK	0	0	0.0%	4,848	2,798	73.3%	14	0	0.0%	44,100	41,937	5.2%
BUTTER CS	0	0	0.0%	3,673	3,607	1.8%	0	0	0.0%	28,245	27,902	1.2%
CLASS IV MILK	0	0	0.0%	542	1,548	-65.0%	67	0	0.0%	9,099	9,406	-3.3%
DRY WHEY	0	0	0.0%	1,232	1,140	8.1%	0	0	0.0%	16,169	10,546	53.3%
GSCI EXCESS RETURN FUT	0	0	0.0%	346	300	15.3%	0	0	0.0%	1,048	1,119	-6.3%
GOLDMAN SACHS	0	0	0.0%	31,886	31,904	-0.1%	0	0	0.0%	305,894	251,866	21.5%
HDD WEATHER	0	0	0.0%	0	200	-100.0%	0	0	0.0%	50	278	-82.0%
CDD WEATHER	0	0	0.0%	0	0	0.0%	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%	22	11	100.0%	0	0	0.0%	122	79	54.4%
USD CRUDE PALM OIL	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
CASH-SETTLED CHEESE	0	0	0.0%	9,515	8,349	14.0%	0	6	-100.0%	87,455	93,039	-6.0%
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 SEP 2017	Open Outcry SEP 2016	% CHG	ELEC SEP 2017	ELEC SEP 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	38,217	79,535	-51.9%	160,809	251,579	-36.1%	459,100	1,081,627	-57.6%	1,729,680	2,160,151	-19.9%
FEEDER CATTLE	6,697	6,405	4.6%	29,065	31,827	-8.7%	39,630	40,455	-2.0%	271,882	273,424	-0.6%
LEAN HOGS	34,600	59,105	-41.5%	244,127	254,285	-4.0%	269,835	343,361	-21.4%	1,649,449	1,289,343	27.9%
LUMBER	2	0	0.0%	1,190	1,346	-11.6%	42	105	-60.0%	10,087	8,593	17.4%
MILK	7,484	19,018	-60.6%	22,682	24,052	-5.7%	106,336	115,050	-7.6%	210,691	148,417	42.0%
MLK MID	25	67	-62.7%	0	0	0.0%	526	539	-2.4%	0	0	0.0%
NFD MILK	879	875	0.5%	2,703	1,084	149.4%	12,696	18,517	-31.4%	23,577	10,326	128.3%
BUTTER CS	1,819	834	118.1%	1,579	204	674.0%	9,791	8,937	9.6%	5,076	1,873	171.0%
CLASS IV MILK	153	479	-68.1%	1,328	1,560	-14.9%	2,488	2,429	2.4%	13,092	7,402	76.9%
DRY WHEY	267	30	790.0%	51	0	0.0%	2,592	781	231.9%	1,227	55	2,130.9%
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%	7	0	0.0%	0	0	0.0%	42	18	133.3%
LV CATL CSO	652	6	10,766.7%	0	0	0.0%	1,919	260	638.1%	0	0	0.0%
CASH-SETTLED CHEESE	9,875	5,404	82.7%	6,678	1,933	245.5%	39,876	44,471	-10.3%	32,064	20,750	54.5%
<b>Foreign Exchange Futures</b>												
CHILEAN PESO	0	0	0.0%	2,904	0	0.0%	0	6	-100.0%	14,380	4	359,400.0%
<b>TOTAL FUTURES GROUP</b>												
Interest Rate Futures	626,060	388,932	61.0%	53,619,752	48,519,267	10.5%	5,541,844	4,909,542	12.9%	479,392,393	455,883,339	5.2%
Equity Index Futures	135,054	219,948	-38.6%	44,565,492	58,348,673	-23.6%	665,109	1,078,527	-38.3%	350,604,107	435,265,800	-19.5%
FX Futures	404	1,350	-70.1%	22,706,075	18,699,699	21.4%	15,830	14,072	12.5%	154,995,164	144,812,404	7.0%
Commodities and Alternative Inve	3,281	6,023	-45.5%	2,880,544	2,514,536	14.6%	58,678	52,756	11.2%	24,341,729	19,065,189	27.7%
Foreign Exchange Futures	0	0	0.0%	2,904	0	0.0%	0	6	-100.0%	14,380	4	359,400.0%
<b>TOTAL FUTURES</b>	<b>764,799</b>	<b>616,253</b>	<b>24.1%</b>	<b>123,774,767</b>	<b>128,082,175</b>	<b>-3.4%</b>	<b>6,281,461</b>	<b>6,054,903</b>	<b>3.7%</b>	<b>1,009,347,773</b>	<b>1,055,026,736</b>	<b>-4.3%</b>

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## CME Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2017	Open Outcry SEP 2016	% CHG	ELEC SEP 2017	ELEC SEP 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	1,109,931	982,422	13.0%	11,791,288	14,769,359	-20.2%	9,887,417	10,376,734	-4.7%	115,980,355	107,034,983	8.4%
Interest Rate Options	15,617,872	13,882,700	12.5%	10,900,370	5,001,349	117.9%	151,916,130	152,865,681	-0.6%	84,562,013	53,156,684	59.1%
FX Options	9,711	15,264	-36.4%	1,989,136	1,204,127	65.2%	97,970	228,433	-57.1%	14,337,692	13,167,631	8.9%
Commodities and Alternative Inve	100,670	171,758	-41.4%	470,219	567,870	-17.2%	944,831	1,656,532	-43.0%	3,946,867	3,920,352	0.7%
<b>TOTAL OPTIONS</b>	<b>16,838,184</b>	<b>15,052,144</b>	<b>11.9%</b>	<b>25,151,013</b>	<b>21,542,705</b>	<b>16.7%</b>	<b>162,846,348</b>	<b>165,127,380</b>	<b>-1.4%</b>	<b>218,826,927</b>	<b>177,279,650</b>	<b>23.4%</b>
<b>TOTAL COMBINED</b>												
Interest Rate	16,243,932	14,271,632	13.8%	64,520,122	53,520,616	20.6%	157,457,974	157,775,223	-0.2%	563,954,406	509,040,023	10.8%
Equity Index	1,244,985	1,202,370	3.5%	56,356,780	73,118,032	-22.9%	10,552,526	11,455,261	-7.9%	466,584,462	542,300,783	-14.0%
FX	10,115	16,614	-39.1%	24,695,211	19,903,826	24.1%	113,800	242,505	-53.1%	169,332,856	157,980,035	7.2%
Commodities and Alternative Inve	103,951	177,781	-41.5%	3,350,763	3,082,406	8.7%	1,003,509	1,709,288	-41.3%	28,288,596	22,985,541	23.1%
Foreign Exchange	0	0	0.0%	2,904	0	0.0%	0	6	-100.0%	14,380	4	359,400.0%
<b>GRAND TOTAL</b>	<b>17,602,983</b>	<b>15,668,397</b>	<b>12.3%</b>	<b>148,925,780</b>	<b>149,624,880</b>	<b>-0.5%</b>	<b>169,127,809</b>	<b>171,182,283</b>	<b>-1.2%</b>	<b>1,228,174,700</b>	<b>1,232,306,386</b>	<b>-0.3%</b>

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