

CME Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2016	Open Outcry SEP 2015	% CHG	ELEC SEP 2016	ELEC SEP 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	388,932	411,763	-5.5%	48,518,680	46,639,587	4.0%	4,909,542	4,535,547	8.2%	455,873,018	447,294,126	1.9%
1-MONTH EURODOLLAR	0	0	0.0%	587	3,552	-83.5%	0	0	0.0%	10,321	47,122	-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	9,247,607	8,412,240	9.9%	2,908,881	2,073,257	40.3%	94,436,735	62,726,112	50.6%	26,844,614	12,935,415	107.5%
EURO MIDCURVE	4,635,093	6,108,885	-24.1%	2,092,468	1,954,962	7.0%	58,428,946	69,598,490	-16.0%	26,312,070	18,305,945	43.7%



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Equity Index Futures												
E-MINI S&P500	0	0	0.0%	49,659,658	48,830,003	1.7%	0	0	0.0%	364,822,476	320,920,612	13.7%
S&P 500	219,948	313,121	-29.8%	9,160	18,722	-51.1%	1,078,527	1,372,124	-21.4%	93,799	151,020	-37.9%
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%	596,353	605,389	-1.5%	0	0	0.0%	3,999,416	3,945,925	1.4%
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%	41	95	-56.8%	0	0	0.0%	208	324	-35.8%
S&P 500/VALUE	0	0	0.0%	553	48	1,052.1%	0	0	0.0%	27,202	286	9,411.2%
E-MINI RUSSELL 1000	0	0	0.0%	243	3	8,000.0%	0	0	0.0%	4,023	3	134,000.0%
E-MINI NASDAQ 100	0	0	0.0%	6,499,531	7,241,393	-10.2%	0	0	0.0%	50,599,592	50,513,424	0.2%
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%	324,186	522,665	-38.0%	0	0	0.0%	3,493,173	3,344,369	4.4%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	1,141,610	1,539,598	-25.9%	0	0	0.0%	11,554,601	10,099,601	14.4%
DJ US REAL ESTATE	0	-	-	1,072	-	-	0	-	-	1,075	-	-
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	328	-100.0%	0	0	0.0%	0	1,018	-100.0%
S&P ENERGY SECTOR	0	0	0.0%	15,798	7,492	110.9%	0	0	0.0%	84,752	55,496	52.7%
S&P FINANCIAL SECTOR	0	0	0.0%	11,996	4,395	172.9%	0	0	0.0%	63,002	21,622	191.4%
S&P TECHNOLOGY SECTOR	0	0	0.0%	9,621	2,799	243.7%	0	0	0.0%	45,769	23,655	93.5%
S&P CONSUMER DSCRTNRY S	0	0	0.0%	6,360	9,088	-30.0%	0	0	0.0%	43,952	53,583	-18.0%
S&P HEALTH CARE SECTOR	0	0	0.0%	9,569	11,754	-18.6%	0	0	0.0%	70,262	79,329	-11.4%
S&P MATERIALS SECTOR	0	0	0.0%	6,833	4,771	43.2%	0	0	0.0%	40,602	28,974	40.1%
S&P INDUSTRIAL SECTOR	0	0	0.0%	3,971	7,908	-49.8%	0	0	0.0%	25,502	25,529	-0.1%
S&P CONSUMER STAPLES SE	0	0	0.0%	13,881	7,057	96.7%	0	0	0.0%	69,670	34,685	100.9%
S&P UTILITIES SECTOR	0	0	0.0%	12,744	10,958	16.3%	0	0	0.0%	107,639	80,983	32.9%
IBOVESPA INDEX	0	0	0.0%	519	427	21.5%	0	0	0.0%	5,998	3,593	66.9%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	306	3	10,100.0%	0	0	0.0%	4,305	3	143,400.0%
FT-SE 100	0	-	-	1,434	-	-	0	-	-	15,395	-	-
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	255	3	8,400.0%	0	0	0.0%	2,610	3	86,900.0%
NIFTY 50	0	0	0.0%	22,979	3,845	497.6%	0	0	0.0%	90,777	10,781	742.0%

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Equity Index Options												
E-MINI S&P500	0	200	-100.0%	4,566,839	6,618,778	-31.0%	110,315	168,705	-34.6%	46,186,264	58,339,600	-20.8%
S&P 500	208,661	692,592	-69.9%	0	0	0.0%	4,888,093	6,911,638	-29.3%	0	106	-100.0%
E-MINI MIDCAP	0	0	0.0%	1	0	0.0%	0	0	0.0%	17	28	-39.3%
E-MINI NASDAQ 100	0	0	0.0%	226,932	77,561	192.6%	0	0	0.0%	2,014,119	1,013,251	98.8%
NASDAQ	0	0	0.0%	0	0	0.0%	0	30	-100.0%	0	0	0.0%
EOM S&P 500	232,428	116,887	98.8%	0	0	0.0%	1,601,900	961,165	66.7%	0	0	0.0%
EOM EMINI S&P	0	0	0.0%	2,454,627	1,074,248	128.5%	0	1,500	-100.0%	15,042,883	10,074,901	49.3%
EOW1 S&P 500	67,367	37,567	79.3%	0	0	0.0%	532,139	291,666	82.4%	0	0	0.0%
EOW1 EMINI S&P 500	0	0	0.0%	1,081,353	1,414,464	-23.6%	0	3,000	-100.0%	8,773,016	8,877,381	-1.2%
EOW2 S&P 500	154,814	61,866	150.2%	0	0	0.0%	1,178,766	694,485	69.7%	0	0	0.0%
EOW2 EMINI S&P 500	0	0	0.0%	1,216,922	1,227,662	-0.9%	0	0	0.0%	9,083,066	9,278,902	-2.1%
EOW4 EMINI S&P 500	0	0	0.0%	1,605,212	1,142,591	40.5%	0	4,500	-100.0%	10,267,526	8,972,161	14.4%
EOW3 EMINI S&P 500	0	-	-	3,617,473	-	-	27,000	-	-	15,668,092	-	-
EOW3 S&P 500	319,152	-	-	0	-	-	2,038,521	-	-	0	-	-
FX Futures												
AUSTRALIAN DOLLAR	475	61	678.7%	2,444,885	2,105,205	16.1%	1,452	6,003	-75.8%	19,328,801	18,090,049	6.8%
BRITISH POUND	139	106	31.1%	2,533,332	2,127,590	19.1%	860	10,735	-92.0%	21,082,346	18,928,072	11.4%
BRAZIL REAL	0	0	0.0%	44,424	34,138	30.1%	0	30	-100.0%	432,269	339,527	27.3%
CANADIAN DOLLAR	0	101	-100.0%	1,856,703	1,696,430	9.4%	747	7,398	-89.9%	14,130,042	13,272,298	6.5%
E-MINI EURO FX	0	0	0.0%	69,816	113,864	-38.7%	0	0	0.0%	693,927	1,179,190	-41.2%
EURO FX	462	1,013	-54.4%	4,646,369	5,446,167	-14.7%	7,408	52,559	-85.9%	36,197,511	50,346,253	-28.1%
E-MINI JAPANESE YEN	0	0	0.0%	31,266	24,396	28.2%	0	0	0.0%	307,573	170,203	80.7%
JAPANESE YEN	274	291	-5.8%	3,253,124	3,897,265	-16.5%	3,599	26,168	-86.2%	27,109,717	27,700,388	-2.1%
MEXICAN PESO	0	0	0.0%	1,705,434	1,121,954	52.0%	0	120,694	-100.0%	10,408,534	8,130,929	28.0%
NEW ZEALND DOLLAR	0	0	0.0%	707,966	435,784	62.5%	0	732	-100.0%	4,279,361	3,800,755	12.6%
NKR/USD CROSS RATE	0	0	0.0%	3,879	2,293	69.2%	0	0	0.0%	15,590	9,771	59.6%
RUSSIAN RUBLE	0	0	0.0%	31,588	16,582	90.5%	0	4	-100.0%	247,712	153,381	61.5%
S.AFRICAN RAND	0	0	0.0%	33,711	33,292	1.3%	0	806	-100.0%	154,151	141,630	8.8%
SWISS FRANC	0	0	0.0%	580,259	422,618	37.3%	0	1,073	-100.0%	4,250,549	4,122,732	3.1%
AD/CD CROSS RATES	0	0	0.0%	13	15	-13.3%	0	0	0.0%	50	209	-76.1%
AD/JY CROSS RATES	0	0	0.0%	3,850	5,001	-23.0%	0	0	0.0%	35,487	33,480	6.0%
AD/NE CROSS RATES	0	0	0.0%	41	27	51.9%	0	0	0.0%	670	498	34.5%

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FX Futures												
BP/JY CROSS RATES	0	0	0.0%	2,432	1,245	95.3%	0	0	0.0%	17,304	10,522	64.5%
BP/SF CROSS RATES	0	0	0.0%	50	55	-9.1%	0	0	0.0%	366	1,463	-75.0%
CD/JY CROSS RATES	0	0	0.0%	1	78	-98.7%	0	0	0.0%	11	227	-95.2%
EC/AD CROSS RATES	0	0	0.0%	3,608	5,664	-36.3%	0	0	0.0%	16,222	16,732	-3.0%
EC/CD CROSS RATES	0	0	0.0%	5,124	3,461	48.0%	0	0	0.0%	23,047	22,978	0.3%
EC/NOK CROSS RATES	0	0	0.0%	2	16	-87.5%	0	21	-100.0%	9	34	-73.5%
EC/SEK CROSS RATES	0	0	0.0%	109	91	19.8%	0	0	0.0%	600	645	-7.0%
EFX/BP CROSS RATES	0	0	0.0%	91,066	78,224	16.4%	0	0	0.0%	641,246	540,457	18.6%
EFX/JY CROSS RATES	0	0	0.0%	56,243	58,948	-4.6%	0	0	0.0%	362,006	396,431	-8.7%
EFX/SF CROSS RATES	0	0	0.0%	37,798	34,497	9.6%	0	0	0.0%	279,090	275,017	1.5%
SF/JY CROSS RATES	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
SKR/USD CROSS RATES	0	0	0.0%	2,472	2,014	22.7%	0	20	-100.0%	13,916	10,639	30.8%
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%	675	98	588.8%	0	0	0.0%	4,320	1,094	294.9%
POLISH ZLOTY (EC)	0	0	0.0%	7	0	0.0%	0	0	0.0%	4,604	0	0.0%
SHEKEL	0	0	0.0%	0	3	-100.0%	0	0	0.0%	0	6	-100.0%
RMB USD	0	0	0.0%	63	638	-90.1%	6	0	0.0%	1,733	4,245	-59.2%
KOREAN WON	0	0	0.0%	43	80	-46.3%	0	0	0.0%	167	261	-36.0%
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%	258,466	383,190	-32.5%	0	0	0.0%	2,534,049	3,379,279	-25.0%
E-MICRO GBP/USD	0	0	0.0%	95,147	43,215	120.2%	0	0	0.0%	702,641	388,010	81.1%
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	26	-100.0%	0	0	0.0%	4	102	-96.1%
E-MICRO AUD/USD	0	0	0.0%	121,550	67,600	79.8%	0	0	0.0%	922,033	496,251	85.8%
MICRO CHF/USD	0	0	0.0%	1,610	2,537	-36.5%	0	0	0.0%	17,167	21,253	-19.2%
INDIAN RUPEE	0	0	0.0%	12,914	12,783	1.0%	0	0	0.0%	109,838	103,850	5.8%
EURO QUARTERLY VARIANCE	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
USDZAR	0	0	0.0%	0	12	-100.0%	0	0	0.0%	6	480	-98.8%
E-MICRO INR/USD	0	0	0.0%	4,820	112	4,203.6%	0	0	0.0%	18,982	2,288	729.6%
E-MICRO JPY/USD	0	0	0.0%	32,044	19,316	65.9%	0	0	0.0%	266,717	125,180	113.1%

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FX Futures												
CHINESE RENMINBI (CNH)	0	0	0.0%	1,070	2,092	-48.9%	0	0	0.0%	11,975	7,213	66.0%
FCXRX	0	-	-	827	-	-	0	-	-	1,295	-	-
E-MICRO USD/CNH	0	0	0.0%	0	4	-100.0%	0	0	0.0%	61	295	-79.3%
E-MICRO CAD/USD	0	0	0.0%	24,898	15,538	60.2%	0	0	0.0%	188,682	118,031	59.9%
FX Options												
AUSTRALIAN DOLLAR	3,247	274	1,085.0%	136,076	143,982	-5.5%	12,506	23,684	-47.2%	1,220,008	1,177,011	3.7%
BRITISH POUND	3,333	11,924	-72.0%	158,012	164,861	-4.2%	31,963	99,449	-67.9%	1,756,227	1,996,959	-12.1%
BRAZIL REAL	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CANADIAN DOLLAR	324	2,516	-87.1%	111,689	107,323	4.1%	23,453	24,758	-5.3%	1,245,834	1,034,024	20.5%
EURO FX	3,006	17,959	-83.3%	422,912	671,786	-37.0%	97,134	270,460	-64.1%	6,023,780	9,354,064	-35.6%
JAPANESE YEN	3,393	11,051	-69.3%	227,770	270,443	-15.8%	59,911	107,600	-44.3%	2,650,794	2,054,884	29.0%
MEXICAN PESO	1,090	0	0.0%	7,140	769	828.5%	2,323	2,410	-3.6%	27,118	10,035	170.2%
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	54	-100.0%	4,466	7,491	-40.4%	272	4,116	-93.4%	57,663	121,254	-52.4%
JAPANESE YEN (EU)	0	0	0.0%	1	719	-99.9%	0	3	-100.0%	5,899	3,579	64.8%
EURO FX (EU)	0	0	0.0%	66	2,182	-97.0%	0	5	-100.0%	28,379	46,554	-39.0%
SWISS FRANC (EU)	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CANADIAN DOLLAR (EU)	0	0	0.0%	3	10	-70.0%	0	0	0.0%	1,789	1,366	31.0%
BRITISH POUND (EU)	0	0	0.0%	16	201	-92.0%	0	2	-100.0%	9,082	5,437	67.0%
AUSTRALIAN DLR (EU)	0	0	0.0%	0	196	-100.0%	0	0	0.0%	1,146	1,157	-1.0%
CHF/USD PQO 2pm Fix	0	-	-	967	-	-	0	-	-	1,039	-	-
GBP/USD PQO 2pm Fix	40	-	-	23,470	-	-	40	-	-	24,271	-	-
EUR/USD PQO 2pm Fix	512	-	-	47,606	-	-	512	-	-	49,045	-	-
CAD/USD PQO 2pm Fix	0	-	-	20,320	-	-	0	-	-	20,915	-	-
JPY/USD PQO 2pm Fix	19	-	-	29,933	-	-	19	-	-	30,466	-	-
AUD/USD PQO 2pm Fix	300	-	-	11,258	-	-	300	-	-	11,739	-	-
OTC AUDUSD SUB	0	-	-	2,422	-	-	0	-	-	2,437	-	-

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Commodities and Alternative Investments												
Futures												
LIVE CATTLE	2,916	4,758	-38.7%	1,332,789	1,339,058	-0.5%	32,189	390,815	-91.8%	9,726,045	9,421,510	3.2%
FEEDER CATTLE	68	77	-11.7%	248,437	221,745	12.0%	280	42,643	-99.3%	1,894,001	1,785,228	6.1%
LEAN HOGS	2,786	3,459	-19.5%	842,493	740,627	13.8%	19,408	308,296	-93.7%	6,647,398	7,139,052	-6.9%
LUMBER	0	0	0.0%	13,199	15,461	-14.6%	0	1,357	-100.0%	130,982	150,659	-13.1%
MILK	253	53	377.4%	27,761	19,899	39.5%	873	3,177	-72.5%	230,041	205,949	11.7%
MLK MID	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NFD MILK	0	0	0.0%	2,798	4,661	-40.0%	0	262	-100.0%	41,937	32,557	28.8%
BUTTER CS	0	0	0.0%	3,607	2,018	78.7%	0	0	0.0%	27,902	24,328	14.7%
CLASS IV MILK	0	0	0.0%	1,548	1,691	-8.5%	0	149	-100.0%	9,406	8,416	11.8%
DRY WHEY	0	0	0.0%	1,140	1,421	-19.8%	0	0	0.0%	10,546	14,613	-27.8%
GSCI EXCESS RETURN FUT	0	0	0.0%	300	34	782.4%	0	0	0.0%	1,119	255	338.8%
GOLDMAN SACHS	0	0	0.0%	31,904	32,727	-2.5%	0	6,135	-100.0%	251,866	257,721	-2.3%
HDD WEATHER	0	0	0.0%	200	25	700.0%	0	0	0.0%	278	77	261.0%
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	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%	11	3	266.7%	0	0	0.0%	79	57	38.6%
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%	8,349	9,932	-15.9%	6	0	0.0%	93,039	82,642	12.6%
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 2016	Open Outcry SEP 2015	% CHG	ELEC SEP 2016	ELEC SEP 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	79,535	169,838	-53.2%	251,579	277,021	-9.2%	1,081,627	854,419	26.6%	2,160,151	1,810,381	19.3%
FEEDER CATTLE	6,405	4,194	52.7%	31,827	38,103	-16.5%	40,455	32,218	25.6%	273,424	290,584	-5.9%
LEAN HOGS	59,105	50,006	18.2%	254,285	160,185	58.7%	343,361	517,288	-33.6%	1,289,343	1,578,568	-18.3%
LUMBER	0	0	0.0%	1,346	958	40.5%	105	18	483.3%	8,593	10,569	-18.7%
MILK	19,018	8,039	136.6%	24,052	9,778	146.0%	115,050	92,256	24.7%	148,417	114,385	29.8%
MLK MID	67	83	-19.3%	0	0	0.0%	539	362	48.9%	0	0	0.0%
NFD MILK	875	2,730	-67.9%	1,084	278	289.9%	18,517	27,759	-33.3%	10,326	2,259	357.1%
BUTTER CS	834	592	40.9%	204	278	-26.6%	8,937	9,238	-3.3%	1,873	1,896	-1.2%
CLASS IV MILK	479	1,324	-63.8%	1,560	107	1,357.9%	2,429	4,382	-44.6%	7,402	1,624	355.8%
DRY WHEY	30	128	-76.6%	0	4	-100.0%	781	2,507	-68.8%	55	314	-82.5%
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	6	0	0.0%	0	0	0.0%	260	81	221.0%	0	0	0.0%
SBIN HURR	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
CASH-SETTLED CHEESE	5,404	4,380	23.4%	1,933	2,010	-3.8%	44,471	36,996	20.2%	20,750	13,273	56.3%
SNOWFALL	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
Foreign Exchange Futures												
CHILEAN PESO	0	0	0.0%	0	0	0.0%	6	0	0.0%	4	64	-93.8%

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.

CME Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2016	Open Outcry SEP 2015	% CHG	ELEC SEP 2016	ELEC SEP 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	388,932	411,763	-5.5%	48,519,267	46,643,139	4.0%	4,909,542	4,535,547	8.2%	455,883,339	447,342,049	1.9%
Equity Index Futures	219,948	313,121	-29.8%	58,348,673	58,828,744	-0.8%	1,078,527	1,395,226	-22.7%	435,265,800	389,396,938	11.8%
FX Futures	1,350	1,572	-14.1%	18,699,699	18,214,158	2.7%	14,072	226,243	-93.8%	144,812,404	152,342,386	-4.9%
Commodities and Alternative Inve	6,023	8,347	-27.8%	2,514,536	2,389,302	5.2%	52,756	752,834	-93.0%	19,065,189	19,123,430	-0.3%
Foreign Exchange Futures	0	0	0.0%	0	0	0.0%	6	0	0.0%	4	64	-93.8%
TOTAL FUTURES	616,253	734,803	-16.1%	128,082,175	126,075,343	1.6%	6,054,903	6,909,850	-12.4%	1,055,026,736	1,008,204,867	4.6%
TOTAL OPTIONS GROUP												
Equity Index Options	982,422	909,112	8.1%	14,769,359	11,555,304	27.8%	10,376,734	9,036,689	14.8%	107,034,983	96,556,330	10.9%
Interest Rate Options	13,882,700	14,521,125	-4.4%	5,001,349	4,028,219	24.2%	152,865,681	132,324,602	15.5%	53,156,684	31,241,360	70.1%
FX Options	15,264	43,778	-65.1%	1,204,127	1,369,963	-12.1%	228,433	532,487	-57.1%	13,167,631	15,806,337	-16.7%
Commodities and Alternative Inve	171,758	241,314	-28.8%	567,870	488,722	16.2%	1,656,532	1,577,524	5.0%	3,920,352	3,823,853	2.5%
TOTAL OPTIONS	15,052,144	15,715,329	-4.2%	21,542,705	17,442,208	23.5%	165,127,380	143,471,302	15.1%	177,279,650	147,427,880	20.2%
TOTAL COMBINED												
Interest Rate	14,271,632	14,932,888	-4.4%	53,520,616	50,671,358	5.6%	157,775,223	136,860,149	15.3%	509,040,023	478,583,409	6.4%
Equity Index	1,202,370	1,222,233	-1.6%	73,118,032	70,384,048	3.9%	11,455,261	10,431,915	9.8%	542,300,783	485,953,268	11.6%
FX	16,614	45,350	-63.4%	19,903,826	19,584,121	1.6%	242,505	758,730	-68.0%	157,980,035	168,148,723	-6.0%
Commodities and Alternative Inve	177,781	249,661	-28.8%	3,082,406	2,878,024	7.1%	1,709,288	2,330,358	-26.7%	22,985,541	22,947,283	0.2%
Foreign Exchange	0	0	0.0%	0	0	0.0%	6	0	0.0%	4	64	-93.8%
GRAND TOTAL	15,668,397	16,450,132	-4.8%	149,624,880	143,517,551	4.3%	171,182,283	150,381,152	13.8%	1,232,306,386	1,155,632,747	6.6%