

## CME Exchange Volume Comparison Report - Monthly

	Open Outcry MAY 2017	Open Outcry MAY 2016	% CHG	ELEC MAY 2017	ELEC MAY 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	653,791	445,579	46.7%	51,750,830	45,126,807	14.7%	3,480,381	3,025,457	15.0%	289,807,720	254,644,225	13.8%
1-MONTH EURODOLLAR	0	0	0.0%	10,247	3,620	183.1%	0	0	0.0%	23,640	6,280	276.4%
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	8,769,008	9,562,926	-8.3%	5,215,888	2,615,411	99.4%	50,243,957	54,474,975	-7.8%	22,164,906	14,646,214	51.3%
EURO MIDCURVE	7,869,882	5,975,057	31.7%	4,951,936	2,402,012	106.2%	49,921,437	37,837,742	31.9%	25,742,825	16,419,518	56.8%



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<b>Equity Index Futures</b>												
E-MINI S&P500	0	0	0.0%	28,033,904	32,952,730	-14.9%	0	0	0.0%	153,766,816	202,374,589	-24.0%
S&P 500	28,289	50,859	-44.4%	4,046	6,497	-37.7%	329,197	507,105	-35.1%	24,410	61,077	-60.0%
S&P 600 SMALLCAP EMINI	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
E-MINI MIDCAP	0	0	0.0%	303,940	338,590	-10.2%	0	0	0.0%	1,790,956	2,179,281	-17.8%
S&P 400 MIDCAP	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
S&P 500 GROWTH	0	0	0.0%	4	10	-60.0%	0	0	0.0%	59	106	-44.3%
S&P 500/VALUE	0	0	0.0%	8,057	5,269	52.9%	0	0	0.0%	28,698	20,935	37.1%
E-MINI RUSSELL 1000	0	0	0.0%	999	293	241.0%	0	0	0.0%	5,236	3,245	61.4%
E-MINI NASDAQ 100	0	0	0.0%	5,075,595	4,720,935	7.5%	0	0	0.0%	22,067,658	30,278,754	-27.1%
NASDAQ	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	225,304	272,051	-17.2%	0	0	0.0%	1,368,567	2,106,502	-35.0%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	859,605	948,256	-9.3%	0	0	0.0%	4,647,578	6,995,081	-33.6%
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%	7,583	5,448	39.2%	0	0	0.0%	52,720	38,254	37.8%
S&P FINANCIAL SECTOR	0	0	0.0%	11,800	4,499	162.3%	0	0	0.0%	65,380	33,651	94.3%
S&P TECHNOLOGY SECTOR	0	0	0.0%	3,521	4,202	-16.2%	0	0	0.0%	23,104	17,668	30.8%
S&P CONSUMER DSCRTNRY S	0	0	0.0%	3,602	3,496	3.0%	0	0	0.0%	21,847	23,520	-7.1%
S&P HEALTH CARE SECTOR	0	0	0.0%	4,074	4,651	-12.4%	0	0	0.0%	42,900	36,389	17.9%
S&P MATERIALS SECTOR	0	0	0.0%	4,636	3,603	28.7%	0	0	0.0%	25,303	17,777	42.3%
S&P INDUSTRIAL SECTOR	0	0	0.0%	2,660	1,908	39.4%	0	0	0.0%	17,532	11,759	49.1%
S&P CONSUMER STAPLES SE	0	0	0.0%	2,484	4,164	-40.3%	0	0	0.0%	31,465	33,122	-5.0%
S&P UTILITIES SECTOR	0	0	0.0%	5,299	8,639	-38.7%	0	0	0.0%	60,717	56,115	8.2%
IBOVESPA INDEX	0	0	0.0%	665	938	-29.1%	0	0	0.0%	3,487	3,256	7.1%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	1,780	98	1,716.3%	0	0	0.0%	9,153	3,044	200.7%
FT-SE 100	0	0	0.0%	1,705	986	72.9%	0	0	0.0%	7,992	8,085	-1.2%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	930	98	849.0%	0	0	0.0%	3,646	1,998	82.5%
NIFTY 50	0	0	0.0%	15,535	8,429	84.3%	0	0	0.0%	43,646	40,311	8.3%
E-MINI S&P REAL ESTATE SEL	0	-	-	1,456	-	-	0	-	-	10,407	-	-

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<b>Equity Index Options</b>												
E-MINI S&P500	1,935	20,890	-90.7%	4,595,594	5,237,998	-12.3%	1,935	110,315	-98.2%	20,444,091	32,819,227	-37.7%
S&P 500	362,717	604,598	-40.0%	0	0	0.0%	1,515,159	3,976,459	-61.9%	0	0	0.0%
E-MINI MIDCAP	0	0	0.0%	0	4	-100.0%	0	0	0.0%	0	9	-100.0%
E-MINI NASDAQ 100	0	0	0.0%	208,528	221,648	-5.9%	0	0	0.0%	884,205	1,214,591	-27.2%
NASDAQ	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EOM S&P 500	111,153	131,636	-15.6%	0	0	0.0%	849,489	760,274	11.7%	0	0	0.0%
EOM EMINI S&P	0	0	0.0%	1,629,279	1,316,704	23.7%	0	0	0.0%	10,030,089	6,773,377	48.1%
EOW1 S&P 500	91,992	67,506	36.3%	0	0	0.0%	399,162	253,813	57.3%	0	0	0.0%
EOW1 EMINI S&P 500	0	0	0.0%	1,112,547	905,918	22.8%	0	0	0.0%	5,917,086	4,358,272	35.8%
EOW2 S&P 500	170,810	148,687	14.9%	0	0	0.0%	782,634	544,061	43.9%	0	0	0.0%
EOW2 EMINI S&P 500	0	0	0.0%	1,146,388	978,756	17.1%	0	0	0.0%	5,730,398	4,853,488	18.1%
EOW4 EMINI S&P 500	0	0	0.0%	1,094,760	906,855	20.7%	0	0	0.0%	4,609,553	4,783,634	-3.6%
EOW3 S&P 500	282,669	124,932	126.3%	0	0	0.0%	1,794,063	242,969	638.4%	0	0	0.0%
EOW3 EMINI S&P 500	0	0	0.0%	3,248,834	1,202,601	170.2%	0	0	0.0%	18,915,679	1,620,298	1,067.4%
<b>FX Futures</b>												
AUSTRALIAN DOLLAR	220	83	165.1%	1,981,138	2,158,448	-8.2%	967	167	479.0%	9,115,201	10,598,400	-14.0%
BRITISH POUND	0	65	-100.0%	2,297,599	1,949,727	17.8%	248	346	-28.3%	11,847,307	10,369,709	14.2%
BRAZIL REAL	0	0	0.0%	75,189	37,529	100.3%	0	0	0.0%	249,021	268,449	-7.2%
CANADIAN DOLLAR	1,268	288	340.3%	1,545,905	1,473,876	4.9%	2,034	538	278.1%	7,019,878	7,972,482	-11.9%
E-MINI EURO FX	0	0	0.0%	90,684	53,755	68.7%	0	0	0.0%	423,932	421,440	0.6%
EURO FX	123	697	-82.4%	4,114,166	3,182,159	29.3%	1,731	5,238	-67.0%	21,141,682	20,877,179	1.3%
E-MINI JAPANESE YEN	0	0	0.0%	44,708	24,704	81.0%	0	0	0.0%	168,810	177,856	-5.1%
JAPANESE YEN	0	179	-100.0%	3,347,622	2,129,579	57.2%	7,362	2,301	219.9%	16,895,587	15,472,606	9.2%
MEXICAN PESO	0	0	0.0%	1,042,936	1,073,128	-2.8%	5	0	0.0%	4,934,006	5,533,461	-10.8%
NEW ZEALND DOLLAR	0	0	0.0%	468,858	455,791	2.9%	0	0	0.0%	2,348,030	2,130,509	10.2%
NKR/USD CROSS RATE	0	0	0.0%	1,193	1,353	-11.8%	0	0	0.0%	8,227	6,179	33.1%
RUSSIAN RUBLE	0	0	0.0%	42,069	19,063	120.7%	0	0	0.0%	167,422	138,379	21.0%
S.AFRICAN RAND	0	0	0.0%	27,599	13,956	97.8%	0	0	0.0%	194,064	65,767	195.1%
SWISS FRANC	0	0	0.0%	641,523	391,626	63.8%	0	0	0.0%	2,468,438	2,281,882	8.2%
AD/CD CROSS RATES	0	0	0.0%	2	0	0.0%	0	0	0.0%	23	36	-36.1%
AD/JY CROSS RATES	0	0	0.0%	1,472	4,055	-63.7%	0	0	0.0%	9,169	24,087	-61.9%
AD/NE CROSS RATES	0	0	0.0%	259	100	159.0%	0	0	0.0%	369	422	-12.6%

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<b>FX Futures</b>												
BP/JY CROSS RATES	0	0	0.0%	2,374	745	218.7%	0	0	0.0%	11,377	6,833	66.5%
BP/SF CROSS RATES	0	0	0.0%	164	4	4,000.0%	0	0	0.0%	472	51	825.5%
CD/JY CROSS RATES	0	0	0.0%	2	0	0.0%	0	0	0.0%	434	9	4,722.2%
EC/AD CROSS RATES	0	0	0.0%	1,489	1,370	8.7%	0	0	0.0%	10,994	8,218	33.8%
EC/CD CROSS RATES	0	0	0.0%	2,991	1,373	117.8%	0	0	0.0%	14,863	11,559	28.6%
EC/NOK CROSS RATES	0	0	0.0%	80	0	0.0%	0	0	0.0%	206	5	4,020.0%
EC/SEK CROSS RATES	0	0	0.0%	43	131	-67.2%	0	0	0.0%	647	322	100.9%
EFX/BP CROSS RATES	0	0	0.0%	49,058	38,465	27.5%	0	0	0.0%	268,366	343,309	-21.8%
EFX/JY CROSS RATES	0	0	0.0%	51,678	17,447	196.2%	0	0	0.0%	242,668	190,817	27.2%
EFX/SF CROSS RATES	0	0	0.0%	27,012	15,072	79.2%	0	0	0.0%	137,365	138,056	-0.5%
SF/JY CROSS RATES	0	-	-	0	-	-	0	-	-	0	-	-
SKR/USD CROSS RATES	0	0	0.0%	2,121	959	121.2%	0	0	0.0%	9,431	5,934	58.9%
HUNGARIAN FORINT (US)	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
POLISH ZLOTY (US)	0	0	0.0%	61	138	-55.8%	0	0	0.0%	569	1,782	-68.1%
POLISH ZLOTY (EC)	0	0	0.0%	130	520	-75.0%	0	0	0.0%	265	4,589	-94.2%
SHEKEL	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
RMB USD	0	0	0.0%	21	74	-71.6%	0	6	-100.0%	142	1,539	-90.8%
KOREAN WON	0	0	0.0%	12	1	1,100.0%	0	0	0.0%	67	73	-8.2%
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%	264,980	188,608	40.5%	0	0	0.0%	1,329,520	1,575,992	-15.6%
E-MICRO GBP/USD	0	0	0.0%	59,474	49,240	20.8%	0	0	0.0%	314,092	266,898	17.7%
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%	71,670	84,955	-15.6%	0	0	0.0%	393,622	433,104	-9.1%
MICRO CHF/USD	0	0	0.0%	1,176	1,404	-16.2%	0	0	0.0%	4,769	11,162	-57.3%
INDIAN RUPEE	0	0	0.0%	45,789	13,568	237.5%	0	0	0.0%	156,646	55,729	181.1%
USDZAR	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	4	-100.0%
E-MICRO INR/USD	0	0	0.0%	3,135	1,825	71.8%	0	0	0.0%	12,572	4,422	184.3%
E-MICRO JPY/USD	0	0	0.0%	35,703	20,938	70.5%	0	0	0.0%	239,185	135,043	77.1%
CHINESE RENMINBI (CNH)	0	0	0.0%	1,888	826	128.6%	0	0	0.0%	7,691	7,587	1.4%
FCXRX	0	0	0.0%	549	52	955.8%	0	0	0.0%	5,952	56	10,528.6%
E-MICRO USD/CNH	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	60	-100.0%
E-MICRO CAD/USD	0	0	0.0%	18,572	23,911	-22.3%	0	0	0.0%	78,939	99,749	-20.9%

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<b>FX Options</b>												
AUSTRALIAN DOLLAR	251	661	-62.0%	43,725	169,264	-74.2%	2,674	3,139	-14.8%	188,781	718,819	-73.7%
BRITISH POUND	40	1,383	-97.1%	99,618	211,980	-53.0%	691	22,234	-96.9%	371,255	1,041,979	-64.4%
CANADIAN DOLLAR	2,910	2,169	34.2%	44,116	133,199	-66.9%	4,592	20,394	-77.5%	172,213	810,585	-78.8%
EURO FX	630	6,809	-90.7%	328,083	618,589	-47.0%	8,387	74,958	-88.8%	1,219,914	3,836,113	-68.2%
JAPANESE YEN	816	9,618	-91.5%	83,733	275,623	-69.6%	8,318	41,828	-80.1%	498,882	1,505,527	-66.9%
MEXICAN PESO	500	0	0.0%	557	1,527	-63.5%	749	720	4.0%	18,063	10,528	71.6%
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	30	-100.0%	1,182	7,207	-83.6%	0	237	-100.0%	5,327	37,749	-85.9%
JAPANESE YEN (EU)	0	0	0.0%	4	969	-99.6%	0	0	0.0%	137	3,675	-96.3%
EURO FX (EU)	0	0	0.0%	61	2,637	-97.7%	0	0	0.0%	290	18,269	-98.4%
SWISS FRANC (EU)	0	-	-	6	-	-	0	-	-	11	-	-
CANADIAN DOLLAR (EU)	0	0	0.0%	32	78	-59.0%	0	0	0.0%	78	1,606	-95.1%
BRITISH POUND (EU)	0	0	0.0%	127	651	-80.5%	0	0	0.0%	948	6,931	-86.3%
AUSTRALIAN DLR (EU)	0	0	0.0%	0	74	-100.0%	0	0	0.0%	2	1,044	-99.8%
CHF/USD PQO 2pm Fix	0	-	-	2,503	-	-	0	-	-	10,537	-	-
AUD/USD PQO 2pm Fix	600	-	-	84,185	-	-	1,975	-	-	358,823	-	-
JPY/USD PQO 2pm Fix	40	-	-	186,926	-	-	24,850	-	-	1,003,548	-	-
EUR/USD PQO 2pm Fix	1,710	-	-	470,549	-	-	12,725	-	-	2,000,179	-	-
CAD/USD PQO 2pm Fix	367	-	-	101,021	-	-	2,132	-	-	392,651	-	-
GBP/USD PQO 2pm Fix	16	-	-	136,906	-	-	525	-	-	637,693	-	-

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<b>Commodities and Alternative Investments</b>												
<b>Futures</b>												
LIVE CATTLE	10,328	3,779	173.3%	2,147,698	1,227,867	74.9%	23,470	20,879	12.4%	7,194,858	5,489,505	31.1%
FEEDER CATTLE	106	105	1.0%	337,245	182,394	84.9%	403	167	141.3%	1,428,080	1,051,341	35.8%
LEAN HOGS	1,864	1,246	49.6%	1,008,152	725,232	39.0%	11,480	9,636	19.1%	4,229,232	3,410,671	24.0%
LUMBER	0	0	0.0%	16,614	12,800	29.8%	0	0	0.0%	84,376	73,050	15.5%
MILK	21	22	-4.5%	30,332	27,278	11.2%	605	167	262.3%	139,052	110,515	25.8%
MLK MID	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NFD MILK	0	0	0.0%	3,977	4,351	-8.6%	0	0	0.0%	25,455	27,465	-7.3%
BUTTER CS	0	0	0.0%	3,282	2,101	56.2%	0	0	0.0%	15,155	15,769	-3.9%
CLASS IV MILK	0	0	0.0%	898	1,153	-22.1%	60	0	0.0%	6,229	4,067	53.2%
DRY WHEY	0	0	0.0%	1,404	1,269	10.6%	0	0	0.0%	11,553	5,739	101.3%
GSCI EXCESS RETURN FUT	0	0	0.0%	29	11	163.6%	0	0	0.0%	356	420	-15.2%
GOLDMAN SACHS	0	0	0.0%	33,896	26,606	27.4%	0	0	0.0%	172,016	136,406	26.1%
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	200	-100.0%	0	0	0.0%	0	200	-100.0%
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%	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%	12	16	-25.0%	0	0	0.0%	63	51	23.5%
USD CRUDE PALM OIL	0	-	-	0	-	-	0	-	-	0	-	-
CASH-SETTLED CHEESE	0	0	0.0%	7,429	12,282	-39.5%	0	0	0.0%	52,428	54,492	-3.8%
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 MAY 2017	Open Outcry MAY 2016	% CHG	ELEC MAY 2017	ELEC MAY 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	74,453	166,947	-55.4%	228,020	294,294	-22.5%	305,604	776,692	-60.7%	1,054,275	1,292,252	-18.4%
FEEDER CATTLE	3,555	2,760	28.8%	36,930	30,610	20.6%	16,891	20,047	-15.7%	165,792	154,681	7.2%
LEAN HOGS	26,493	27,879	-5.0%	182,757	152,786	19.6%	120,051	160,923	-25.4%	792,751	583,797	35.8%
LUMBER	0	14	-100.0%	1,175	870	35.1%	30	65	-53.8%	6,199	4,748	30.6%
MILK	12,907	16,196	-20.3%	27,920	14,479	92.8%	63,809	54,621	16.8%	123,291	62,937	95.9%
MLK MID	126	4	3,050.0%	0	0	0.0%	455	133	242.1%	0	0	0.0%
NFD MILK	1,465	2,400	-39.0%	2,450	2,272	7.8%	9,242	14,501	-36.3%	13,807	6,275	120.0%
BUTTER CS	1,024	759	34.9%	356	143	149.0%	4,785	5,950	-19.6%	1,345	1,012	32.9%
CLASS IV MILK	110	120	-8.3%	2,403	170	1,313.5%	1,860	573	224.6%	6,817	1,066	539.5%
DRY WHEY	266	192	38.5%	130	0	0.0%	1,650	607	171.8%	637	19	3,252.6%
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%
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%	24	18	33.3%
LV CATL CSO	102	218	-53.2%	0	0	0.0%	1,157	243	376.1%	0	0	0.0%
CASH-SETTLED CHEESE	5,796	7,031	-17.6%	3,785	2,185	73.2%	22,075	19,092	15.6%	17,786	13,601	30.8%
<b>Foreign Exchange Futures</b>												
CHILEAN PESO	0	0	0.0%	199	0	0.0%	0	6	-100.0%	1,108	4	27,600.0%
<b>TOTAL FUTURES GROUP</b>												
Interest Rate Futures	653,791	445,579	46.7%	51,761,077	45,130,427	14.7%	3,480,381	3,025,457	15.0%	289,831,360	254,650,505	13.8%
Equity Index Futures	28,289	50,859	-44.4%	34,579,184	39,295,790	-12.0%	329,197	507,105	-35.1%	184,119,277	244,344,519	-24.6%
FX Futures	1,611	1,312	22.8%	16,363,094	13,430,475	21.8%	12,347	8,596	43.6%	80,232,032	79,641,772	0.7%
Commodities and Alternative Inve	12,319	5,152	139.1%	3,590,968	2,223,560	61.5%	36,018	30,849	16.8%	13,358,953	10,379,919	28.7%
Foreign Exchange Futures	0	0	0.0%	199	0	0.0%	0	6	-100.0%	1,108	4	27,600.0%
<b>TOTAL FUTURES</b>	<b>696,010</b>	<b>502,902</b>	<b>38.4%</b>	<b>106,294,522</b>	<b>100,080,252</b>	<b>6.2%</b>	<b>3,857,943</b>	<b>3,572,013</b>	<b>8.0%</b>	<b>567,542,730</b>	<b>589,016,719</b>	<b>-3.6%</b>

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## CME Exchange Volume Comparison Report - Monthly

	Open Outcry MAY 2017	Open Outcry MAY 2016	% CHG	ELEC MAY 2017	ELEC MAY 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	1,021,276	1,098,249	-7.0%	13,035,930	10,770,484	21.0%	5,342,442	5,887,891	-9.3%	66,531,101	56,422,896	17.9%
Interest Rate Options	16,638,890	15,537,983	7.1%	10,167,824	5,017,423	102.7%	100,165,394	92,312,717	8.5%	47,907,731	31,065,732	54.2%
FX Options	7,880	20,670	-61.9%	1,583,334	1,421,798	11.4%	67,618	163,510	-58.6%	6,879,332	7,992,825	-13.9%
Commodities and Alternative Inve	126,297	224,520	-43.7%	485,926	497,809	-2.4%	547,609	1,053,447	-48.0%	2,182,724	2,120,406	2.9%
<b>TOTAL OPTIONS</b>	<b>17,794,343</b>	<b>16,881,422</b>	<b>5.4%</b>	<b>25,273,014</b>	<b>17,707,514</b>	<b>42.7%</b>	<b>106,123,063</b>	<b>99,417,565</b>	<b>6.7%</b>	<b>123,500,888</b>	<b>97,601,859</b>	<b>26.5%</b>
<b>TOTAL COMBINED</b>												
Interest Rate	17,292,681	15,983,562	8.2%	61,928,901	50,147,850	23.5%	103,645,775	95,338,174	8.7%	337,739,091	285,716,237	18.2%
Equity Index	1,049,565	1,149,108	-8.7%	47,615,114	50,066,274	-4.9%	5,671,639	6,394,996	-11.3%	250,650,378	300,767,415	-16.7%
FX	9,491	21,982	-56.8%	17,946,428	14,852,273	20.8%	79,965	172,106	-53.5%	87,111,364	87,634,597	-0.6%
Commodities and Alternative Inve	138,616	229,672	-39.6%	4,076,894	2,721,369	49.8%	583,627	1,084,296	-46.2%	15,541,677	12,500,325	24.3%
Foreign Exchange	0	0	0.0%	199	0	0.0%	0	6	-100.0%	1,108	4	27,600.0%
<b>GRAND TOTAL</b>	<b>18,490,353</b>	<b>17,384,324</b>	<b>6.4%</b>	<b>131,567,536</b>	<b>117,787,766</b>	<b>11.7%</b>	<b>109,981,006</b>	<b>102,989,578</b>	<b>6.8%</b>	<b>691,043,618</b>	<b>686,618,578</b>	<b>0.6%</b>

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