

CME Exchange Volume Comparison Report - Monthly

	Open Outcry APR 2017	Open Outcry APR 2016	% CHG	ELEC APR 2017	ELEC APR 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
Interest Rate Futures												
EURODOLLARS	684,773	422,191	62.2%	50,119,573	40,373,348	24.1%	2,826,590	2,579,878	9.6%	238,056,890	209,517,418	13.6%
1-MONTH EURODOLLAR	0	0	0.0%	8,012	115	6,867.0%	0	0	0.0%	13,393	2,660	403.5%
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%
Interest Rate Options												
EURODOLLARS	10,469,494	8,061,587	29.9%	5,026,231	2,904,527	73.0%	41,474,949	44,912,049	-7.7%	16,949,018	12,030,803	40.9%
EURO MIDCURVE	9,726,804	4,967,583	95.8%	5,873,102	2,152,977	172.8%	42,051,555	31,862,685	32.0%	20,790,889	14,017,506	48.3%

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Equity Index Futures												
E-MINI S&P500	0	0	0.0%	27,315,616	34,550,477	-20.9%	0	0	0.0%	125,732,912	169,421,859	-25.8%
S&P 500	26,001	53,565	-51.5%	2,740	10,192	-73.1%	300,908	456,246	-34.0%	20,364	54,580	-62.7%
S&P 600 SMALLCAP EMINI	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
E-MINI MIDCAP	0	0	0.0%	320,224	313,086	2.3%	0	0	0.0%	1,487,016	1,840,691	-19.2%
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	13	-76.9%	0	0	0.0%	55	96	-42.7%
S&P 500/VALUE	0	0	0.0%	5,324	2,757	93.1%	0	0	0.0%	20,641	15,666	31.8%
E-MINI RUSSELL 1000	0	0	0.0%	875	193	353.4%	0	0	0.0%	4,237	2,952	43.5%
E-MINI NASDAQ 100	0	0	0.0%	4,349,962	4,945,350	-12.0%	0	0	0.0%	16,992,063	25,557,819	-33.5%
NASDAQ	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	242,852	417,912	-41.9%	0	0	0.0%	1,143,263	1,834,451	-37.7%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	828,929	1,395,287	-40.6%	0	0	0.0%	3,787,973	6,046,825	-37.4%
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%	8,124	5,958	36.4%	0	0	0.0%	45,137	32,806	37.6%
S&P FINANCIAL SECTOR	0	0	0.0%	11,144	3,388	228.9%	0	0	0.0%	53,580	29,152	83.8%
S&P TECHNOLOGY SECTOR	0	0	0.0%	2,040	2,098	-2.8%	0	0	0.0%	19,583	13,466	45.4%
S&P CONSUMER DSCRTNRY S	0	0	0.0%	1,849	3,209	-42.4%	0	0	0.0%	18,245	20,024	-8.9%
S&P HEALTH CARE SECTOR	0	0	0.0%	4,167	6,727	-38.1%	0	0	0.0%	38,826	31,738	22.3%
S&P MATERIALS SECTOR	0	0	0.0%	2,692	2,982	-9.7%	0	0	0.0%	20,667	14,174	45.8%
S&P INDUSTRIAL SECTOR	0	0	0.0%	1,109	2,475	-55.2%	0	0	0.0%	14,872	9,851	51.0%
S&P CONSUMER STAPLES SE	0	0	0.0%	2,496	4,113	-39.3%	0	0	0.0%	28,981	28,958	0.1%
S&P UTILITIES SECTOR	0	0	0.0%	6,746	7,861	-14.2%	0	0	0.0%	55,418	47,476	16.7%
IBOVESPA INDEX	0	0	0.0%	702	782	-10.2%	0	0	0.0%	2,822	2,318	21.7%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	1,747	275	535.3%	0	0	0.0%	7,373	2,946	150.3%
FT-SE 100	0	0	0.0%	944	1,353	-30.2%	0	0	0.0%	6,287	7,099	-11.4%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	1,387	158	777.8%	0	0	0.0%	2,716	1,900	42.9%
E-MINI S&P REAL ESTATE SEL	0	-	-	3,246	-	-	0	-	-	8,951	-	-
NIFTY 50	0	0	0.0%	14,295	6,994	104.4%	0	0	0.0%	28,111	31,882	-11.8%

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Equity Index Options												
E-MINI S&P500	0	42,060	-100.0%	3,021,978	5,568,373	-45.7%	0	89,425	-100.0%	15,848,497	27,581,229	-42.5%
S&P 500	176,543	536,091	-67.1%	0	0	0.0%	1,152,442	3,371,861	-65.8%	0	0	0.0%
E-MINI MIDCAP	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	5	-100.0%
E-MINI NASDAQ 100	0	0	0.0%	126,039	246,375	-48.8%	0	0	0.0%	675,677	992,943	-32.0%
NASDAQ	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
EOM S&P 500	166,336	191,868	-13.3%	0	0	0.0%	738,336	628,638	17.5%	0	0	0.0%
EOM EMINI S&P	0	0	0.0%	2,201,165	1,942,625	13.3%	0	0	0.0%	8,400,810	5,456,673	54.0%
EOW1 S&P 500	97,157	52,872	83.8%	0	0	0.0%	307,170	186,307	64.9%	0	0	0.0%
EOW1 EMINI S&P 500	0	0	0.0%	1,310,244	667,466	96.3%	0	0	0.0%	4,804,539	3,452,354	39.2%
EOW2 S&P 500	64,364	103,978	-38.1%	0	0	0.0%	611,824	395,374	54.7%	0	0	0.0%
EOW2 EMINI S&P 500	0	0	0.0%	1,139,512	778,646	46.3%	0	0	0.0%	4,584,010	3,874,732	18.3%
EOW4 EMINI S&P 500	0	0	0.0%	59,717	856,391	-93.0%	0	0	0.0%	3,514,793	3,876,779	-9.3%
EOW3 EMINI S&P 500	0	0	0.0%	4,384,632	373,366	1,074.4%	0	0	0.0%	15,666,845	417,697	3,650.8%
EOW3 S&P 500	400,561	56,831	604.8%	0	0	0.0%	1,511,394	118,037	1,180.4%	0	0	0.0%
FX Futures												
AUSTRALIAN DOLLAR	0	30	-100.0%	1,545,274	2,015,790	-23.3%	747	84	789.3%	7,134,063	8,439,952	-15.5%
BRITISH POUND	2	15	-86.7%	1,999,789	1,962,122	1.9%	248	281	-11.7%	9,549,708	8,419,982	13.4%
BRAZIL REAL	0	0	0.0%	52,961	46,292	14.4%	0	0	0.0%	173,832	230,920	-24.7%
CANADIAN DOLLAR	4	5	-20.0%	1,269,615	1,480,900	-14.3%	766	250	206.4%	5,473,973	6,498,606	-15.8%
E-MINI EURO FX	0	0	0.0%	73,178	71,191	2.8%	0	0	0.0%	333,248	367,685	-9.4%
EURO FX	512	1,191	-57.0%	3,334,399	3,683,205	-9.5%	1,608	4,541	-64.6%	17,027,516	17,695,020	-3.8%
E-MINI JAPANESE YEN	0	0	0.0%	26,059	38,559	-32.4%	0	0	0.0%	124,102	153,152	-19.0%
JAPANESE YEN	1,172	592	98.0%	2,981,741	2,725,888	9.4%	7,362	2,122	246.9%	13,547,965	13,343,027	1.5%
MEXICAN PESO	0	0	0.0%	824,666	1,132,849	-27.2%	5	0	0.0%	3,891,070	4,460,333	-12.8%
NEW ZEALND DOLLAR	0	0	0.0%	315,259	391,923	-19.6%	0	0	0.0%	1,879,172	1,674,718	12.2%
NKR/USD CROSS RATE	0	0	0.0%	799	707	13.0%	0	0	0.0%	7,034	4,826	45.8%
RUSSIAN RUBLE	0	0	0.0%	25,649	22,413	14.4%	0	0	0.0%	125,353	119,316	5.1%
S.AFRICAN RAND	0	0	0.0%	35,409	10,890	225.2%	0	0	0.0%	166,465	51,811	221.3%
SWISS FRANC	0	0	0.0%	390,636	397,860	-1.8%	0	0	0.0%	1,826,915	1,890,256	-3.4%
AD/CD CROSS RATES	0	0	0.0%	6	6	0.0%	0	0	0.0%	21	36	-41.7%
AD/JY CROSS RATES	0	0	0.0%	1,519	3,331	-54.4%	0	0	0.0%	7,697	20,032	-61.6%
AD/NE CROSS RATES	0	0	0.0%	36	29	24.1%	0	0	0.0%	110	322	-65.8%

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FX Futures												
BP/JY CROSS RATES	0	0	0.0%	2,421	1,278	89.4%	0	0	0.0%	9,003	6,088	47.9%
BP/SF CROSS RATES	0	0	0.0%	288	12	2,300.0%	0	0	0.0%	308	47	555.3%
CD/JY CROSS RATES	0	0	0.0%	154	0	0.0%	0	0	0.0%	432	9	4,700.0%
EC/AD CROSS RATES	0	0	0.0%	1,814	1,769	2.5%	0	0	0.0%	9,505	6,848	38.8%
EC/CD CROSS RATES	0	0	0.0%	1,944	1,505	29.2%	0	0	0.0%	11,872	10,186	16.6%
EC/NOK CROSS RATES	0	0	0.0%	11	0	0.0%	0	0	0.0%	126	5	2,420.0%
EC/SEK CROSS RATES	0	0	0.0%	126	31	306.5%	0	0	0.0%	604	191	216.2%
EFX/BP CROSS RATES	0	0	0.0%	47,181	52,206	-9.6%	0	0	0.0%	219,308	304,844	-28.1%
EFX/JY CROSS RATES	0	0	0.0%	52,913	33,824	56.4%	0	0	0.0%	190,990	173,370	10.2%
EFX/SF CROSS RATES	0	0	0.0%	22,723	25,553	-11.1%	0	0	0.0%	110,353	122,984	-10.3%
SF/JY CROSS RATES	0	-	-	0	-	-	0	-	-	0	-	-
SKR/USD CROSS RATES	0	0	0.0%	1,414	923	53.2%	0	0	0.0%	7,310	4,975	46.9%
HUNGARIAN FORINT (US)	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
POLISH ZLOTY (US)	0	0	0.0%	40	490	-91.8%	0	0	0.0%	508	1,644	-69.1%
POLISH ZLOTY (EC)	0	0	0.0%	71	1,636	-95.7%	0	0	0.0%	135	4,069	-96.7%
SHEKEL	-	0	0.0%	-	0	0.0%	-	0	0.0%	-	0	0.0%
RMB USD	0	0	0.0%	2	33	-93.9%	0	6	-100.0%	121	1,465	-91.7%
KOREAN WON	0	0	0.0%	11	1	1,000.0%	0	0	0.0%	55	72	-23.6%
TURKISH LIRA	0	0	0.0%	12	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%	234,641	275,179	-14.7%	0	0	0.0%	1,064,540	1,387,384	-23.3%
E-MICRO GBP/USD	0	0	0.0%	58,988	49,721	18.6%	0	0	0.0%	254,618	217,658	17.0%
E-MICRO USD/CAD	0	0	0.0%	0	7	-100.0%	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	2	-100.0%	0	0	0.0%	0	4	-100.0%
E-MICRO AUD/USD	0	0	0.0%	60,039	87,468	-31.4%	0	0	0.0%	321,952	348,149	-7.5%
MICRO CHF/USD	0	0	0.0%	840	1,337	-37.2%	0	0	0.0%	3,593	9,758	-63.2%
INDIAN RUPEE	0	0	0.0%	26,122	9,714	168.9%	0	0	0.0%	110,857	42,161	162.9%
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%	2,682	1,096	144.7%	0	0	0.0%	9,437	2,597	263.4%
E-MICRO JPY/USD	0	0	0.0%	41,769	30,433	37.2%	0	0	0.0%	203,482	114,105	78.3%
CHINESE RENMINBI (CNH)	0	0	0.0%	528	1,712	-69.2%	0	0	0.0%	5,803	6,761	-14.2%
FCXRX	0	0	0.0%	1,201	4	29,925.0%	0	0	0.0%	5,403	4	134,975.0%
E-MICRO USD/CNH	0	0	0.0%	0	12	-100.0%	0	0	0.0%	0	60	-100.0%
E-MICRO CAD/USD	0	0	0.0%	17,020	21,582	-21.1%	0	0	0.0%	60,367	75,838	-20.4%

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FX Options												
AUSTRALIAN DOLLAR	150	375	-60.0%	20,874	129,477	-83.9%	2,423	2,478	-2.2%	145,056	549,555	-73.6%
BRITISH POUND	44	5,332	-99.2%	49,259	207,560	-76.3%	651	20,851	-96.9%	271,637	829,999	-67.3%
CANADIAN DOLLAR	61	1,644	-96.3%	23,156	122,594	-81.1%	1,682	18,225	-90.8%	128,097	677,386	-81.1%
EURO FX	2,533	17,378	-85.4%	259,524	613,287	-57.7%	7,757	68,149	-88.6%	891,831	3,217,524	-72.3%
JAPANESE YEN	1,506	6,011	-74.9%	62,626	305,869	-79.5%	7,502	32,210	-76.7%	415,149	1,229,904	-66.2%
MEXICAN PESO	140	425	-67.1%	614	1,534	-60.0%	249	720	-65.4%	17,506	9,001	94.5%
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	72	-100.0%	468	6,295	-92.6%	0	207	-100.0%	4,145	30,542	-86.4%
JAPANESE YEN (EU)	0	0	0.0%	28	577	-95.1%	0	0	0.0%	133	2,706	-95.1%
EURO FX (EU)	0	0	0.0%	23	2,742	-99.2%	0	0	0.0%	229	15,632	-98.5%
SWISS FRANC (EU)	0	-	-	4	-	-	0	-	-	5	-	-
CANADIAN DOLLAR (EU)	0	0	0.0%	5	22	-77.3%	0	0	0.0%	46	1,528	-97.0%
BRITISH POUND (EU)	0	0	0.0%	196	1,093	-82.1%	0	0	0.0%	821	6,280	-86.9%
AUSTRALIAN DLR (EU)	0	0	0.0%	0	53	-100.0%	0	0	0.0%	2	970	-99.8%
AUD/USD PQO 2pm Fix	0	-	-	62,439	-	-	1,375	-	-	274,638	-	-
CAD/USD PQO 2pm Fix	25	-	-	72,066	-	-	1,765	-	-	291,630	-	-
GBP/USD PQO 2pm Fix	10	-	-	107,202	-	-	509	-	-	500,787	-	-
CHF/USD PQO 2pm Fix	0	-	-	1,423	-	-	0	-	-	8,034	-	-
EUR/USD PQO 2pm Fix	3,587	-	-	479,007	-	-	11,015	-	-	1,529,630	-	-
JPY/USD PQO 2pm Fix	1,583	-	-	183,661	-	-	24,810	-	-	816,622	-	-

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Commodities and Alternative Investments												
Futures												
LIVE CATTLE	2,628	2,887	-9.0%	1,253,355	1,007,478	24.4%	13,142	17,100	-23.1%	5,047,160	4,261,638	18.4%
FEEDER CATTLE	168	18	833.3%	355,511	234,275	51.7%	297	62	379.0%	1,090,835	868,947	25.5%
LEAN HOGS	2,034	1,618	25.7%	682,839	587,601	16.2%	9,616	8,390	14.6%	3,221,080	2,685,439	19.9%
LUMBER	0	0	0.0%	21,607	15,888	36.0%	0	0	0.0%	67,762	60,250	12.5%
MILK	3	129	-97.7%	20,260	22,447	-9.7%	584	145	302.8%	108,720	83,237	30.6%
MLK MID	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
NFD MILK	0	0	0.0%	2,290	4,027	-43.1%	0	0	0.0%	21,478	23,114	-7.1%
BUTTER CS	0	0	0.0%	2,683	3,188	-15.8%	0	0	0.0%	11,873	13,668	-13.1%
CLASS IV MILK	10	0	0.0%	421	1,464	-71.2%	60	0	0.0%	5,331	2,914	82.9%
DRY WHEY	0	0	0.0%	1,566	731	114.2%	0	0	0.0%	10,149	4,470	127.0%
GSCI EXCESS RETURN FUT	0	0	0.0%	0	0	0.0%	0	0	0.0%	327	409	-20.0%
GOLDMAN SACHS	0	0	0.0%	32,392	26,818	20.8%	0	0	0.0%	138,120	109,800	25.8%
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	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%	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%	4	16	-75.0%	0	0	0.0%	51	35	45.7%
USD CRUDE PALM OIL	0	-	-	0	-	-	0	-	-	0	-	-
CASH-SETTLED CHEESE	0	0	0.0%	8,671	8,588	1.0%	0	0	0.0%	44,999	42,210	6.6%
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%



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	Open Outcry APR 2017	Open Outcry APR 2016	% CHG	ELEC APR 2017	ELEC APR 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
Commodities and Alternative Investments												
Options												
LIVE CATTLE	52,946	163,573	-67.6%	222,874	256,705	-13.2%	231,151	609,745	-62.1%	826,255	997,958	-17.2%
FEEDER CATTLE	4,796	3,802	26.1%	43,324	37,980	14.1%	13,336	17,287	-22.9%	128,862	124,071	3.9%
LEAN HOGS	16,017	33,654	-52.4%	155,857	105,983	47.1%	93,558	133,044	-29.7%	609,994	431,011	41.5%
LUMBER	5	46	-89.1%	1,628	853	90.9%	30	51	-41.2%	5,024	3,878	29.6%
MILK	11,810	8,587	37.5%	18,280	11,947	53.0%	50,902	38,425	32.5%	95,371	48,458	96.8%
MLK MID	19	6	216.7%	0	0	0.0%	329	129	155.0%	0	0	0.0%
NFD MILK	1,197	2,421	-50.6%	925	549	68.5%	7,777	12,101	-35.7%	11,357	4,003	183.7%
BUTTER CS	826	964	-14.3%	177	165	7.3%	3,761	5,191	-27.5%	989	869	13.8%
CLASS IV MILK	148	249	-40.6%	1,542	149	934.9%	1,750	453	286.3%	4,414	896	392.6%
DRY WHEY	369	226	63.3%	237	0	0.0%	1,384	415	233.5%	507	19	2,568.4%
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	18	-100.0%	0	0	0.0%	24	18	33.3%
LV CATL CSO	200	0	0.0%	0	0	0.0%	1,055	25	4,120.0%	0	0	0.0%
CASH-SETTLED CHEESE	3,230	2,297	40.6%	3,770	2,606	44.7%	16,279	12,061	35.0%	14,001	11,416	22.6%
Foreign Exchange Futures												
CHILEAN PESO	0	0	0.0%	380	0	0.0%	0	6	-100.0%	909	4	22,625.0%
TOTAL FUTURES GROUP												
Interest Rate Futures	684,773	422,191	62.2%	50,127,585	40,373,463	24.2%	2,826,590	2,579,878	9.6%	238,070,283	209,520,078	13.6%
Equity Index Futures	26,001	53,565	-51.5%	33,129,213	41,683,640	-20.5%	300,908	456,246	-34.0%	149,540,093	205,048,729	-27.1%
FX Futures	1,690	1,833	-7.8%	13,451,950	14,581,483	-7.7%	10,736	7,284	47.4%	63,868,938	66,211,297	-3.5%
Commodities and Alternative Inve	4,843	4,652	4.1%	2,381,599	1,912,521	24.5%	23,699	25,697	-7.8%	9,767,985	8,156,359	19.8%
Foreign Exchange Futures	0	0	0.0%	380	0	0.0%	0	6	-100.0%	909	4	#####
TOTAL FUTURES	717,307	482,241	48.7%	99,090,727	98,551,107	0.5%	3,161,933	3,069,111	3.0%	461,248,208	488,936,467	-5.7%

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	Open Outcry APR 2017	Open Outcry APR 2016	% CHG	ELEC APR 2017	ELEC APR 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
TOTAL OPTIONS GROUP												
Equity Index Options	904,961	983,700	-8.0%	12,243,287	10,433,242	17.3%	4,321,166	4,789,642	-9.8%	53,495,171	45,652,412	17.2%
Interest Rate Options	20,196,298	13,029,170	55.0%	10,899,333	5,057,504	115.5%	83,526,504	76,774,734	8.8%	37,739,907	26,048,309	44.9%
FX Options	9,639	31,237	-69.1%	1,322,575	1,391,103	-4.9%	59,738	142,840	-58.2%	5,295,998	6,571,027	-19.4%
Commodities and Alternative Inve	91,563	215,825	-57.6%	448,614	416,955	7.6%	421,312	828,927	-49.2%	1,696,798	1,622,597	4.6%
TOTAL OPTIONS	21,202,461	14,259,932	48.7%	24,913,809	17,298,804	44.0%	88,328,720	82,536,143	7.0%	98,227,874	79,894,345	22.9%
TOTAL COMBINED												
Interest Rate	20,881,071	13,451,361	55.2%	61,026,918	45,430,967	34.3%	86,353,094	79,354,612	8.8%	275,810,190	235,568,387	17.1%
Equity Index	930,962	1,037,265	-10.2%	45,372,500	52,116,882	-12.9%	4,622,074	5,245,888	-11.9%	203,035,264	250,701,141	-19.0%
FX	11,329	33,070	-65.7%	14,774,525	15,972,586	-7.5%	70,474	150,124	-53.1%	69,164,936	72,782,324	-5.0%
Commodities and Alternative Inve	96,406	220,477	-56.3%	2,830,213	2,329,476	21.5%	445,011	854,624	-47.9%	11,464,783	9,778,956	17.2%
Foreign Exchange	0	0	0.0%	380	0	0.0%	0	6	-100.0%	909	4	#####
GRAND TOTAL	21,919,768	14,742,173	48.7%	124,004,536	115,849,911	7.0%	91,490,653	85,605,254	6.9%	559,476,082	568,830,812	-1.6%

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