



CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2017	Open Outcry JAN 2016	% CHG	ELEC JAN 2017	ELEC JAN 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												
30-YR BOND	21,471	20,402	5.2%	5,070,740	5,400,316	-0.06	21,471	20,402	5.2%	5,070,740	5,400,316	-6.1%
10-YR NOTE	155,431	153,209	1.5%	27,715,104	26,338,486	0.05	155,431	153,209	1.5%	27,715,104	26,338,486	5.2%
5-YR NOTE	28,357	30,804	-7.9%	14,639,760	12,858,456	0.14	28,357	30,804	-7.9%	14,639,760	12,858,456	13.9%
2-YR NOTE	108	700	-84.6%	5,091,733	4,880,196	0.04	108	700	-84.6%	5,091,733	4,880,196	4.3%
FED FUND	0	0	0.0%	3,238,525	2,302,741	0.41	0	0	0.0%	3,238,525	2,302,741	40.6%
EURODOLLARS	700,186	947,709	-26.1%	61,082,506	59,056,108	0.03	700,186	947,709	-26.1%	61,082,506	59,056,108	3.4%
5-YR SWAP RATE	0	0	0.0%	61,281	55,520	0.1	0	0	0.0%	61,281	55,520	10.4%
2-YR SWAP RATE	0	0	0.0%	0	412	-1	0	0	0.0%	0	412	-100.0%
10-YR SWAP RATE	0	0	0.0%	34,125	32,163	0.06	0	0	0.0%	34,125	32,163	6.1%
7-YR SWAP	0	0	0.0%	0	727	-1	0	0	0.0%	0	727	-100.0%
1-MONTH EURODOLLAR	0	0	0.0%	734	966	-0.24	0	0	0.0%	734	966	-24.0%
ULTRA T-BOND	0	0	0.0%	1,798,969	1,760,907	0.02	0	0	0.0%	1,798,969	1,760,907	2.2%
Ultra 10-Year Note	0	0	0.0%	1,879,335	272,246	5.9	0	0	0.0%	1,879,335	272,246	590.3%
30-YR SWAP RATE	0	0	0.0%	1,458	1,524	-0.04	0	0	0.0%	1,458	1,524	-4.3%
2YR BUNDLE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
3YR BUNDLE	-	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%
Interest Rate Options												
30-YR BOND	286,719	343,105	-16.4%	1,557,723	1,656,644	-0.06	286,719	343,105	-16.4%	1,557,723	1,656,644	-6.0%
10-YR NOTE	2,686,891	2,596,642	3.5%	7,775,045	4,557,106	0.71	2,686,891	2,596,642	3.5%	7,775,045	4,557,106	70.6%
5-YR NOTE	644,993	923,913	-30.2%	1,643,004	1,592,224	0.03	644,993	923,913	-30.2%	1,643,004	1,592,224	3.2%
2-YR NOTE	7,977	33,282	-76.0%	46,653	40,801	0.14	7,977	33,282	-76.0%	46,653	40,801	14.3%
FED FUND	4,500	6,405	-29.7%	0	0	0	4,500	6,405	-29.7%	0	0	0.0%
EURODOLLARS	7,949,220	17,335,661	-54.1%	2,772,214	3,592,579	-0.23	7,949,220	17,335,661	-54.1%	2,772,214	3,592,579	-22.8%
EURO MIDCURVE	10,483,880	11,791,237	-11.1%	3,663,289	5,115,308	-0.28	10,483,880	11,791,237	-11.1%	3,663,289	5,115,308	-28.4%
ULTRA T-BOND	348	1,977	-82.4%	1,678	1,983	-0.15	348	1,977	-82.4%	1,678	1,983	-15.4%
Ultra 10-Year Note	0	0	0.0%	425	106	3.01	0	0	0.0%	425	106	300.9%

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Equity Index Futures												
DJIA	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
MINI \$5 DOW	0	0	0.0%	2,502,088	5,146,359	-0.51	0	0	0.0%	2,502,088	5,146,359	-51.4%
E-MINI S&P500	0	0	0.0%	28,554,984	47,913,055	-0.4	0	0	0.0%	28,554,984	47,913,055	-40.4%
S&P 500	41,410	75,893	-45.4%	4,988	17,294	-0.71	41,410	75,893	-45.4%	4,988	17,294	-71.2%
S&P 600 SMALLCAP EMINI	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
E-MINI MIDCAP	0	0	0.0%	350,560	504,250	-0.3	0	0	0.0%	350,560	504,250	-30.5%
S&P 400 MIDCAP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
S&P 500 GROWTH	0	0	0.0%	8	12	-0.33	0	0	0.0%	8	12	-33.3%
S&P 500/VALUE	0	0	0.0%	6,369	5,507	0.16	0	0	0.0%	6,369	5,507	15.7%
E-MINI RUSSELL 1000	0	0	0.0%	583	1,541	-0.62	0	0	0.0%	583	1,541	-62.2%
E-MINI NASDAQ 100	0	0	0.0%	3,601,875	8,146,526	-0.56	0	0	0.0%	3,601,875	8,146,526	-55.8%
NASDAQ	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	284,336	502,422	-0.43	0	0	0.0%	284,336	502,422	-43.4%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	1,096,953	1,698,526	-0.35	0	0	0.0%	1,096,953	1,698,526	-35.4%
DJ US REAL ESTATE	0	0	0.0%	11,849	8,756	0.35	0	0	0.0%	11,849	8,756	35.3%
NASDAQ BIOTECH	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%
S&P CONSUMER STAPLES SE	0	0	0.0%	4,087	5,073	-0.19	0	0	0.0%	4,087	5,073	-19.4%
S&P HEALTH CARE SECTOR	0	0	0.0%	8,567	8,108	0.06	0	0	0.0%	8,567	8,108	5.7%
S&P TECHNOLOGY SECTOR	0	0	0.0%	3,299	4,064	-0.19	0	0	0.0%	3,299	4,064	-18.8%
S&P INDUSTRIAL SECTOR	0	0	0.0%	3,181	2,238	0.42	0	0	0.0%	3,181	2,238	42.1%
S&P CONSUMER DSCRTNRY S	0	0	0.0%	5,090	6,268	-0.19	0	0	0.0%	5,090	6,268	-18.8%
S&P UTILITIES SECTOR	0	0	0.0%	10,469	8,185	0.28	0	0	0.0%	10,469	8,185	27.9%
S&P FINANCIAL SECTOR	0	0	0.0%	9,118	7,896	0.15	0	0	0.0%	9,118	7,896	15.5%
S&P ENERGY SECTOR	0	0	0.0%	8,937	9,851	-0.09	0	0	0.0%	8,937	9,851	-9.3%
S&P MATERIALS SECTOR	0	0	0.0%	3,422	3,097	0.1	0	0	0.0%	3,422	3,097	10.5%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	296	760	-0.61	0	0	0.0%	296	760	-61.1%
FT-SE 100	0	0	0.0%	2,623	2,374	0.1	0	0	0.0%	2,623	2,374	10.5%
IBOVESPA INDEX	0	0	0.0%	333	358	-0.07	0	0	0.0%	333	358	-7.0%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	1,189	1,110	0.07	0	0	0.0%	1,189	1,110	7.1%
NIFTY 50	0	0	0.0%	3,256	8,278	-0.61	0	0	0.0%	3,256	8,278	-60.7%

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Equity Index Options												
DJIA	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
MINI \$5 DOW	0	0	0.0%	6,294	23,265	-0.73	0	0	0.0%	6,294	23,265	-72.9%
E-MINI S&P500	0	25,850	-100.0%	2,977,563	8,265,420	-0.64	0	25,850	-100.0%	2,977,563	8,265,420	-64.0%
S&P 500	162,605	968,815	-83.2%	0	0	0	162,605	968,815	-83.2%	0	0	0.0%
E-MINI MIDCAP	0	0	0.0%	0	1	-1	0	0	0.0%	0	1	-100.0%
E-MINI NASDAQ 100	0	0	0.0%	171,708	344,813	-0.5	0	0	0.0%	171,708	344,813	-50.2%
NASDAQ	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
EOM S&P 500	188,806	126,134	49.7%	0	0	0	188,806	126,134	49.7%	0	0	0.0%
EOM EMINI S&P	0	0	0.0%	1,757,626	1,514,678	0.16	0	0	0.0%	1,757,626	1,514,678	16.0%
EOW1 S&P 500	59,544	31,237	90.6%	0	0	0	59,544	31,237	90.6%	0	0	0.0%
EOW1 EMINI S&P 500	0	0	0.0%	1,033,745	606,684	0.7	0	0	0.0%	1,033,745	606,684	70.4%
EOW2 S&P 500	137,504	56,162	144.8%	0	0	0	137,504	56,162	144.8%	0	0	0.0%
EOW2 EMINI S&P 500	0	0	0.0%	1,174,548	849,522	0.38	0	0	0.0%	1,174,548	849,522	38.3%
EOW4 EMINI S&P 500	0	0	0.0%	1,053,374	1,341,736	-0.21	0	0	0.0%	1,053,374	1,341,736	-21.5%
EOW3 S&P 500	372,183	-	-	0	-	-	372,183	-	-	0	-	-
EOW3 EMINI S&P 500	0	-	-	3,981,913	-	-	0	-	-	3,981,913	-	-

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Metals Futures												
COMEX GOLD	0	10,668	-100.0%	5,793,235	3,869,977	0.5	0	10,668	-100.0%	5,793,235	3,869,977	49.7%
COMEX MINY COPPER	0	0	0.0%	603	433	0.39	0	0	0.0%	603	433	39.3%
COMEX SILVER	0	815	-100.0%	1,379,058	932,841	0.48	0	815	-100.0%	1,379,058	932,841	47.8%
COMEX COPPER	0	0	0.0%	1,658,360	1,305,641	0.27	0	0	0.0%	1,658,360	1,305,641	27.0%
NYMEX HOT ROLLED STEEL	0	0	0.0%	143	303	-0.53	0	0	0.0%	143	303	-52.8%
NYMEX PLATINUM	0	0	0.0%	334,402	267,498	0.25	0	0	0.0%	334,402	267,498	25.0%
URANIUM	0	0	0.0%	10	0	0	0	0	0.0%	10	0	0.0%
PALLADIUM	0	0	0.0%	106,688	84,984	0.26	0	0	0.0%	106,688	84,984	25.5%
E-MICRO GOLD	0	0	0.0%	76,748	54,153	0.42	0	0	0.0%	76,748	54,153	41.7%
GOLD	0	-	-	0	-		0	-	-	0	-	-
ALUMINUM	0	0	0.0%	1,462	746	0.96	0	0	0.0%	1,462	746	96.0%
COPPER	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SILVER	0	0	0.0%	5,802	5,977	-0.03	0	0	0.0%	5,802	5,977	-2.9%
Gold Kilo	0	0	0.0%	786	6,406	-0.88	0	0	0.0%	786	6,406	-87.7%
COMEX E-Mini SILVER	0	0	0.0%	890	539	0.65	0	0	0.0%	890	539	65.1%
COMEX E-Mini GOLD	0	0	0.0%	12,172	7,108	0.71	0	0	0.0%	12,172	7,108	71.2%
Aluminium MW Trans Prem Platts	0	0	0.0%	514	294	0.75	0	0	0.0%	514	294	74.8%
LNDN ZINC	0	0	0.0%	5	44	-0.89	0	0	0.0%	5	44	-88.6%
METALS	0	-	-	0	-		0	-	-	0	-	-
FERROUS PRODUCTS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
IRON ORE 62 CHINA PLATTS F	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
IRON ORE 62 CHINA TSI FUTU	0	0	0.0%	388	390	-0.01	0	0	0.0%	388	390	-0.5%
IRON ORE 58 CHINA TSI FUTU	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%

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Metals Options												
COMEX GOLD	0	80,157	-100.0%	547,776	504,019	0.09	0	80,157	-100.0%	547,776	504,019	8.7%
COMEX SILVER	0	5,338	-100.0%	84,108	65,718	0.28	0	5,338	-100.0%	84,108	65,718	28.0%
COMEX COPPER	0	150	-100.0%	2,248	1,281	0.75	0	150	-100.0%	2,248	1,281	75.5%
NYMEX PLATINUM	0	105	-100.0%	719	338	1.13	0	105	-100.0%	719	338	112.7%
PALLADIUM	0	31	-100.0%	1,063	144	6.38	0	31	-100.0%	1,063	144	638.2%
GOLD	0	200	-100.0%	5,068	2,503	1.02	0	200	-100.0%	5,068	2,503	102.5%
COPPER	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
SILVER	0	0	0.0%	45	5	8	0	0	0.0%	45	5	800.0%
IRON ORE 62 CHINA TSI CALL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
IRON ORE 62 CHINA TSI PUT O	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
Energy Futures												
ETHANOL FWD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HOUSTON SHIP CHANNEL BAS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NORTHWEST ROCKIES BASIS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HEATING OIL VS ICE GASOIL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
FUEL OIL CRACK VS ICE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
FUEL OIL NWE CRACK VS ICE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NGPL MIDCONTINENT INDEX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NGPL TEXOK INDEX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CENTERPOINT BASIS SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NATURAL GAS	0	0	0.0%	20,835	2,234	8.33	0	0	0.0%	20,835	2,234	832.6%
HTG OIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
LTD NAT GAS	0	0	0.0%	113,837	74,838	0.52	0	0	0.0%	113,837	74,838	52.1%
GASOIL MINI CALENDAR SWA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL 0.1 ROTTERDAM BAR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
N ROCKIES PIPE SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HUSTN SHIP CHNL PIPE SWP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SAN JUAN PIPE SWAP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
SOCAL PIPE SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PANHANDLE PIPE SWAP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%

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Energy Futures												
BRENT OIL LAST DAY	0	0	0.0%	1,916,135	2,695,801	-0.29	0	0	0.0%	1,916,135	2,695,801	-28.9%
BRENT CALENDAR SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL 0.1 CARGOES CIF NE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
GASOIL 0.1 RDAM BRGS VS I	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL 0.1 CIF NWE VS ISE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NY H OIL PLATTS VS NYMEX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MARS (ARGUS) VS WTI SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MARS (ARGUS) VS WTI TRD M	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
WTS (ARGUS) VS WTI TRD MT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE 180CST BALMO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE 380CST BALMO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE JET KERO BALMO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE NAPHTHA BALMO	0	-	-	0	-	0	0	-	-	0	-	-
DUBAI CRUDE OIL BALMO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EURO 3.5% FUEL OIL RDAM B	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EURO 1% FUEL OIL NEW BALM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NY HARBOR 1% FUEL OIL BAL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GULF COAST 3% FUEL OIL BA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PREMIUM UNLD 10P FOB MED	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL 10P CRG CIF NW VS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL 0.1 CRG CIF NW VS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
BRENT CFD SWAP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
JET FUEL CRG CIF NEW VS I	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
3.5% FUEL OIL CID MED SWA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ARGUS PROPAN FAR EST IND	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ULSD 10PPM CIF VS ICE GAS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL 0.1 CIF VS ICE GAS	0	-	-	0	-	0	0	-	-	0	-	-
JET FUEL BRG FOB RDM VS I	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM NILL DA OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM AECO DA OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM DAYTON DA PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM BGE DA PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM BGE DA OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM JCPL DA PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2017	Open Outcry JAN 2016	% CHG	ELEC JAN 2017	ELEC JAN 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
Energy Futures												
PJM JCPL DA OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM PEPCO DA OFF-PEAK	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
PJM PPL DA PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM PPL DA OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM PSEG DA PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM PSEG DA OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM WESTHDA PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM WESTH DA OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM WESTH RT PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM WESTH RT OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ALGONQUIN CITYGATES BASI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TCO NG INDEX SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MICHCON NG INDEX SWAP	0	-	-	0	-	-	0	-	-	0	-	-
CIG ROCKIES NG INDEX SWA	0	-	-	0	-	-	0	-	-	0	-	-
GASOIL 0.1 CIF MED SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL 0.1CIF MED VS ICE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ULSD 10PPM CIF MED SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ULSD 10PPM CIF MED VS ICE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
BRENT BALMO SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ULSD 10PPM CIF MED BALMO	0	-	-	0	-	-	0	-	-	0	-	-
PERMIAN BASIS SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
Tetco ELA Basis	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
PANHANDLE INDEX SWAP FUT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GULF COAST JET FUEL CLNDR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EUROPE 1% FUEL OIL NWE CA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE FUEL 180CST CAL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO G	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GULF COAST NO.6 FUEL OIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEW YORK HUB ZONE G PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NORTHERN ILLINOIS OFF-PEA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
AEP-DAYTON HUB DAILY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE FUEL OIL SPREA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE JET KERO GASOI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TETCO M-3 INDEX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2017	Open Outcry JAN 2016	% CHG	ELEC JAN 2017	ELEC JAN 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
Energy Futures												
DOMINION TRAN INC - APP I	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CINERGY HUB PEAK MONTH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HEATING OIL PHY	0	114	-100.0%	3,031,958	3,028,618	0	0	114	-100.0%	3,031,958	3,028,618	0.1%
GASOIL 10PPM CARGOES CIF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL 10PPM VS ICE SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NY1% VS GC SPREAD SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EUROPEAN NAPHTHA BALMO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL 0.1 BRGS FOB VS IC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
DIESEL 10P BRG FOB RDM VS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ARGUS PROPAN(SAUDI ARAM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM AECO DA PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
N ILLINOIS HUB MTHLY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MINY HTG OIL	0	0	0.0%	4	8	-0.5	0	0	0.0%	4	8	-50.0%
WAHA BASIS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MINY NATURAL GAS	0	0	0.0%	45,057	26,137	0.72	0	0	0.0%	45,057	26,137	72.4%
SINGAPORE GASOIL SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
UP DOWN GC ULSD VS NMX H	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM NILL DA PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM DAYTON DA OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
LA JET (OPIS) SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ULSD UP-DOWN BALMO SWP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
JET FUEL UP-DOWN BALMO C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EIA FLAT TAX ONHWAY DIESE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ARGUS LLS VS. WTI (ARG) T	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
JAPAN NAPHTHA BALMO SWA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NY 3.0% FUEL OIL (PLATTS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NY 2.2% FUEL OIL (PLATTS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CAISO SP15 EZGNHUB5 MW P	0	-	-	0	-	-	0	-	-	0	-	-
RBOB GASOLINE BALMO CLNC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOLINE UP-DOWN BALMO S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TRANSCO ZONE 4 NAT GAS IN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
COLUMBIA GULF MAIN NAT G	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SOUTHERN NAT LA NAT GAS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
FL GAS ZONE 3 NAT GAS IND	0	-	-	0	-	-	0	-	-	0	-	-

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2017	Open Outcry JAN 2016	% CHG	ELEC JAN 2017	ELEC JAN 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
Energy Futures												
COLUMB GULF MAINLINE NG B	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TENNESSEE 800 LEG NG BASI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TRANSCO ZONE 1 NG BASIS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
ONEOK OKLAHOMA NG BASIS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SOUTH STAR TEX OKLHM KNS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TEXAS GAS ZONE1 NG BASIS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO ZONE C 5MW D AH O P	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM NI HUB 5MW REAL TIME	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO ZONE G 5MW D AH O P	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO ZONE J 5MW D AH PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO ZONE J 5MW D AH O P	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM COMED 5MW D AH PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM COMED 5MW D AH O PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL INTR HUB 5MW D AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CIN HUB 5MW REAL TIME PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CIN HUB 5MW D AH PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO ZONE A 5MW D AH PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO ZONE A 5MW D AH O P	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL W CNT MASS 5MW D	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL CONECTIC 5MW D AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL CNCTCT 5MW D AH O	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL SE MASS 5MW D AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL SE MASS 5MW D AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL NE MASS 5MW D AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL NE MASS 5MW D AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO ZONE C 5MW D AH PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL W CNTR M 5MW D AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO ZONE G 5MW D AH PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM AD HUB 5MW REAL TIME	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CIN HUB 5MW D AH O PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CIN HUB 5MW REAL TIME O P	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
RBOB PHY	0	43	-100.0%	3,465,770	3,150,508	0.1	0	43	-100.0%	3,465,770	3,150,508	10.0%
SING FUEL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
LLS (ARGUS) CALENDAR SWA	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2017	Open Outcry JAN 2016	% CHG	ELEC JAN 2017	ELEC JAN 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
Energy Futures												
RBOB VS HEATING OIL SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NORTHERN NATURAL GAS DEM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HOUSTON SHIP CHANNEL IND	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EUROPE JET KERO NWE CALS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MINY WTI CRUDE OIL	0	0	0.0%	224,865	312,696	-0.28	0	0	0.0%	224,865	312,696	-28.1%
NEW ENGLAND HUB PEAK DAI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ROCKIES KERN OPAL - NW IN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NATURAL GAS PHY	0	650	-100.0%	8,527,273	6,269,890	0.36	0	650	-100.0%	8,527,273	6,269,890	36.0%
APPALACHIAN COAL (PHY)	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
WTI CALENDAR	0	18	-100.0%	0	0	0	0	18	-100.0%	0	0	0.0%
HENRY HUB BASIS SWAP	0	0	0.0%	1,456	0	0	0	0	0.0%	1,456	0	0.0%
DEMARC INDEX FUTURE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
WTS (ARGUS) VS WTI SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PREMIUM UNLEAD 10PPM FOB	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CHICAGO UNL GAS PL VS RBO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CRUDE OIL PHY	0	5,053	-100.0%	21,840,812	21,002,699	0.04	0	5,053	-100.0%	21,840,812	21,002,699	4.0%
RBOB CALENDAR SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ISO NEW ENGLAND PK LMP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
LA CARB DIESEL (OPIS)	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CHICAGO ETHANOL SWAP	0	0	0.0%	597	890	-0.33	0	0	0.0%	597	890	-32.9%
NEW YORK ETHANOL SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL BULLET SWAP	0	-	-	0	-		0	-	-	0	-	-
EURO PROPANE CIF ARA SW	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
JAPAN C&F NAPHTHA SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYMEX ULSD VS NYMEX HO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
LA CARBOB GASOLINE(OPIS)S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
LA CARB DIESEL (OPIS) SWA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
JAPAN C&F NAPHTHA CRACK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
LLS (ARGUS) VS WTI SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MINY RBOB GAS	0	0	0.0%	9	3	2	0	0	0.0%	9	3	200.0%
RBOB GAS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
RBOB CRACK SPREAD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
RBOB UP-DOWN CALENDAR S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NY HARBOR RESIDUAL FUEL 1	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2017	Open Outcry JAN 2016	% CHG	ELEC JAN 2017	ELEC JAN 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
Energy Futures												
NY HARBOR HEAT OIL SWP	0	24	-100.0%	0	0	0	0	24	-100.0%	0	0	0.0%
LA JET FUEL VS NYM NO 2 H	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ANR OKLAHOMA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MICHIGAN BASIS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
Sumas Basis Swap	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NGPL MID-CONTINENT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TEXAS EASTERN ZONE M-3 BA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM MONTHLY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NORTHEN NATURAL GAS VEN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
DOMINION TRANSMISSION INC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TCO BASIS SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CIG BASIS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM DAILY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
COLUMBIA GULF ONSHORE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
Tetco STX Basis	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
Transco Zone 3 Basis	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HENRY HUB SWING FUTURE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EL PASO PERMIAN INDEX SWA	0	-	-	0	-		0	-	-	0	-	-
HENRY HUB INDEX SWAP FUT	0	0	0.0%	1,456	0	0	0	0	0.0%	1,456	0	0.0%
WAHA INDEX SWAP FUTURE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GULF COAST GASOLINE CLND	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EUROPE NAPHTHA CALSWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EUROPE 1% FUEL OIL RDAM C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EUROPE 3.5% FUEL OIL RDAM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EUROPE 3.5% FUEL OIL MED	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PANHANDLE BASIS SWAP FUT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SAN JUAN BASIS SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SOCAL BASIS SWAP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
TRANSCO ZONE 6 BASIS SWA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO A	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO J	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GULF COAST JET VS NYM 2 H	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NY HARBOR RESIDUAL FUEL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
EURO 3.5% FUEL OIL SPREAD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2017	Open Outcry JAN 2016	% CHG	ELEC JAN 2017	ELEC JAN 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
Energy Futures												
GASOIL CALENDAR SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EURO GASOIL 10 CAL SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NGPL MIDCONTINENT SWING	0	-	-	0	-		0	-	-	0	-	-
DEMARCO SWING SWAP	0	-	-	0	-		0	-	-	0	-	-
CENTERPOINT EAST INDEX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CRUDE OIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
BRENT FINANCIAL FUTURES	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
WTI-BRENT BULLET SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
WTI-BRENT CALENDAR SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
DATED TO FRONTLINE BRENT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ICE BRENT DUBAI SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL CRACK SPREAD CALE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EUROPEAN NAPHTHA CRACK S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EURO GASOIL 10PPM VS ICE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
JET CIF NWE VS ICE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
JET BARGES VS ICE GASOIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL VS ICE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NATURAL GAS PEN SWP	0	92	-100.0%	51	0	0	0	92	-100.0%	51	0	0.0%
WESTERN RAIL DELIVERY PR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EASTERN RAIL DELIVERY CSX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EUROPE DATED BRENT SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TC5 RAS TANURA TO YOKOHA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TC2 ROTTERDAM TO USAC 37	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
PJM OFF-PEAK LMP SWAP FU	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO A OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO G OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO J OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ISO NEW ENGLAND OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
AEP-DAYTON HUB OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
N ILLINOIS HUB DAILY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
AEP-DAYTON HUB MTHLY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
FUELOIL SWAP:CARGOES VS.	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EAST/WEST FUEL OIL SPREAD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE 380CST FUEL OIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2017	Open Outcry JAN 2016	% CHG	ELEC JAN 2017	ELEC JAN 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
Energy Futures												
SINGAPORE JET KEROSENE S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE NAPHTHA SWAP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
SONAT BASIS SWAP FUTURE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
FLORIDA GAS ZONE3 BASIS S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TRANSCO ZONE4 BASIS SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ANR LOUISIANA BASIS SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TENNESSEE 500 LEG BASIS S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TENNESSEE ZONE 0 BASIS S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TRANSCO ZONE 6 INDEX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CINERGY HUB OFF-PEAK MON	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GULF COAST ULSD CALENDAR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GULF COAST ULSD CRACK SP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HENRY HUB SWAP	0	736	-100.0%	17,289	205,873	-0.92	0	736	-100.0%	17,289	205,873	-91.6%
DUBAI CRUDE OIL CALENDAR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
USGC UNL 87 CRACK SPREAD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYH NO 2 CRACK SPREAD CA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NO 2 UP-DOWN SPREAD CALE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE MOGAS 92 UNLEA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ETHANOL T2 FOB ROTT INCL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE MOGAS 92 UNLEA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PROPANE NON-LDH MT. BEL (0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PROPANE NON-LDH MB (OPIS)	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NY JET FUEL (PLATTS) HEAT C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
JET AV FUEL (P) CAR FM ICE G	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
FUEL OIL (PLATS) CAR CM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
FUEL OIL (PLATS) CAR CN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NY ULSD (ARGUS) VS HEATIN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM PECO ZONE5MW PEAK C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
IN DELIVERY MONTH EUA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
DATED BRENT (PLATTS) DAILY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GAS EURO-BOB OXY NWE BA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GAS EURO-BOB OXY NWE BA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PREM UNL GAS 10PPM RDAM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2017	Open Outcry JAN 2016	% CHG	ELEC JAN 2017	ELEC JAN 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
Energy Futures												
PREM UNL GAS 10PPM RDAM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MONT BELVIEU NORMAL BUTA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MONT BELVIEU ETHANE 5 DEC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MONT BELVIEU LDH PROPANE	0	0	0.0%	16	21	-0.24	0	0	0.0%	16	21	-23.8%
EUROPEAN GASOIL (ICE)	0	0	0.0%	2,485	350,411	-0.99	0	0	0.0%	2,485	350,411	-99.3%
ERCOT NORTH ZMCPE 5MW O	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ERCOT NORTH ZMCPE 5MW O	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ERCOT NORTH ZMCPE 5MW P	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE JET KERO VS. GA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MONT BELVIEU NORMAL BUTA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MONT BELVIEU ETHANE OPIS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MONT BELVIEU NATURAL GAS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MONT BELVIEU LDH PROPANE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CONWAY NORMAL BUTANE (O	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CONWAY NATURAL GASOLINE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CONWAY PROPANE 5 DECIMA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PETROCHEMICALS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MONT BELVIEU NATURAL GAS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ELEC NYISO OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ELEC MISO PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MARS BLEND CRUDE OIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYMEX ALUMINUM FUTURES	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL 0.1 CIF MED BALMO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
RBOB CRACK SPREAD BALMO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
RBOB (PLATTS) CAL SWAP	0	-	-	0	-		0	-	-	0	-	-
PJM DUQUESNE 5MW D AH PK	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
PJM DUQUS 5MW D AH O PK	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
PETRO CRK&SPRD EURO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GRP THREE ULSD(PLT)VS HEA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HEATING OIL CRCK SPRD BAL	0	-	-	0	-		0	-	-	0	-	-
CHICAGO ULSD PL VS HO SPR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GRP THREE UNL GS (PLT) VS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CRUDE OIL OUTRIGHTS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM WES HUB PEAK LMP 50 M	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2017	Open Outcry JAN 2016	% CHG	ELEC JAN 2017	ELEC JAN 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
Energy Futures												
FREIGHT MARKETS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL NEW HAMP 5MW D A	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ELEC ERCOT OFF PEAK	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
ELECTRICITY OFF PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HEATING OIL BALMO CLNDR S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CRUDE OIL SPRDS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM APS ZONE DA PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ELEC FINSETTLED	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM APS ZONE DA OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NAT GAS BASIS SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PLASTICS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT NA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MNC FUT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MCCLOSKEY ARA ARGS COAL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MCCLOSKEY RCH BAY COAL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TRANSCO ZONE 6 PIPE SWAP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
ELEC ERCOT DLY PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GC ULSD VS GC JET SPREAD	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
PETRO CRCKS & SPRDS NA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ALGON CITY GATES NAT GAS	0	-	-	0	-		0	-	-	0	-	-
SINGAPORE GASOIL CALEND A	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MJC FUT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NGPL TEX/OK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
RBOB SPREAD (PLATTS) SWA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL RHD ISLD 5MW D AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NEPOOL RHODE IL 5MW D AH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TENN 800 LEG NAT GAS INDE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ONTARIO POWER SWAPS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS ASIA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
INDONESIAN COAL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
DAILY PJM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
INDIANA MISO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PETRO CRCKS & SPRDS ASIA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2017	Open Outcry JAN 2016	% CHG	ELEC JAN 2017	ELEC JAN 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
Energy Futures												
AUSTRIALIAN COKE COAL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
COAL SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO CAPACITY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
VENTURA NAT GAS PLATTS FI	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
EMMISSIONS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
DIESEL10PPM BARG VS ICE LS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
NATURAL GAS FIXED PRICE S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SUMAS NAT GAS PLATTS FIXE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EURO-DENOMINATED PETRO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
3.5% FUEL OIL CIF BALMO S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CANADIAN LIGHT SWEET OIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MICHIGAN MISO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
DLY GAS EURO-BOB OXY	0	-	-	0	-	-	0	-	-	0	-	-
MINI RBOB V. EBOBARG NWE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MINI RBOB V. EBOB(ARGUS) N	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CRUDE OIL TRADE AT MARKE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MGF FUT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NATURAL GAS INDEX	0	-	-	0	-	-	0	-	-	0	-	-
MJB FUT	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
NEW YORK HUB ZONE J PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM ATSI ELEC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EU LOW SULPHUR GASOIL CR	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
CENTER POINT NAT GAS FIXE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
ELEC ERCOT DLY OFF PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CHICAGO ULSD (PLATTS) SWA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NY HARBOR LOW SULPUR GA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MINI GAS EUROBOB OXY NWE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
COLUMBIA GULF NAT GAS FIX	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
MGN1 SWAP FUT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GROUP THREE ULSD (PLATTS)	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
UCM FUT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
DY EURO 3.5% FUEL OI RDA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ELEC WEST POWER OFF-PEA	0	-	-	0	-	-	0	-	-	0	-	-

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2017	Open Outcry JAN 2016	% CHG	ELEC JAN 2017	ELEC JAN 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
Energy Futures												
ELEC WEST POWER PEAK	0	-	-	0	-	-	0	-	-	0	-	-
CAISO SP15 EZGNHUB5 PEAK	0	-	-	0	-	-	0	-	-	0	-	-
Energy Options												
ETHANOL	0	-	-	0	-	-	0	-	-	0	-	-
NATURAL GAS	0	-	-	0	-	-	0	-	-	0	-	-
PGE CITYGATE PIPE SWAP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
N ROCKIES PIPE SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HUSTN SHIP CHNL PIPE SWP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SAN JUAN PIPE SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SOCAL PIPE SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	0	152	-100.0%	5,002	0	0	0	152	-100.0%	5,002	0	0.0%
BRENT CALENDAR SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE JET FUEL CALEN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ROTTERDAM 3.5%FUEL OIL CL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE FUEL OIL 180 CS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
HEATING OIL PHY	0	1,215	-100.0%	4,524	6,452	-0.3	0	1,215	-100.0%	4,524	6,452	-29.9%
HENRY HUB FINANCIAL LAST	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
RBOB PHY	0	1,549	-100.0%	4,625	6,416	-0.28	0	1,549	-100.0%	4,625	6,416	-27.9%
NATURAL GAS PHY	0	6,600	-100.0%	992,337	427,402	1.32	0	6,600	-100.0%	992,337	427,402	132.2%
CRUDE OIL APO	0	94	-100.0%	0	0	0	0	94	-100.0%	0	0	0.0%
NATURAL GAS 3 M CSO FIN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NATURAL GAS 1 M CSO FIN	0	200	-100.0%	0	0	0	0	200	-100.0%	0	0	0.0%
WTI CRUDE OIL 1 M CSO FI	0	0	0.0%	0	417	-1	0	0	0.0%	0	417	-100.0%
CRUDE OIL PHY	0	51,828	-100.0%	2,455,481	3,206,743	-0.23	0	51,828	-100.0%	2,455,481	3,206,743	-23.4%
RBOB CALENDAR SWAP	0	48	-100.0%	0	0	0	0	48	-100.0%	0	0	0.0%
RBOB 1MO CAL SPD OPTIONS	0	-	-	0	-	-	0	-	-	0	-	-
NY HARBOR HEAT OIL SWP	0	335	-100.0%	36	0	0	0	335	-100.0%	36	0	0.0%
PJM MONTHLY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
WTI-BRENT BULLET SWAP	0	0	0.0%	1,870	0	0	0	0	0.0%	1,870	0	0.0%
HO 1 MONTH CLNDR OPTIONS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NG HH 3 MONTH CAL	0	250	-100.0%	0	0	0	0	250	-100.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2017	Open Outcry JAN 2016	% CHG	ELEC JAN 2017	ELEC JAN 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
Energy Options												
CRUDE OIL 1MO	0	0	0.0%	10,332	6,552	0.58	0	0	0.0%	10,332	6,552	57.7%
WTI 12 MONTH CALENDAR OP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
NYMEX EUROPEAN GASOIL A	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYMEX EUROPEAN GASOIL O	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT EURO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYISO ZONE G 5MW PEAK OP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PETROCHEMICALS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NATURAL GAS OPTION ON CA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ELEC MISO PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EUROPEAN JET KEROSENE N	0	-	-	0	-	-	0	-	-	0	-	-
PJM CALENDAR STRIP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
CRUDE OIL OUTRIGHTS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
APPALACHIAN COAL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
HEATING OIL CRK SPD AVG P	0	-	-	0	-	-	0	-	-	0	-	-
ELECTRICITY OFF PEAK	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
ELEC FINSETTLED	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CRUDE OIL CALNDR STRIP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
NATURAL GAS 5 M CSO FIN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MCCLOSKEY ARA ARGS COAL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MCCLOSKEY RCH BAY COAL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NATURAL GAS 2 M CSO FIN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NATURAL GAS 6 M CSO FIN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOIL CRACK SPREAD AVG	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
SINGAPORE GASOIL CALENDAR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ETHANOL SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SHORT TERM NATURAL GAS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SHORT TERM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NATURAL GAS 12 M CSO FIN	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
SHORT TERM CRUDE OIL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
COAL SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
DAILY CRUDE OIL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
PJM ELECTRIC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
PJM WES HUB PEAK CAL MTH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM WES HUB PEAK LMP 50M	0	-	-	0	-	-	0	-	-	0	-	-

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2017	Open Outcry JAN 2016	% CHG	ELEC JAN 2017	ELEC JAN 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
Energy Options												
LLS CRUDE OIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EURO-DENOMINATED PETRO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
COAL API2 INDEX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GASOLINE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
COAL API4 INDEX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
1 MO GASOIL CAL SWAP SPR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
FX Futures												
AUSTRALIAN DOLLAR	285	11	2,490.9%	1,794,419	2,268,750	-0.21	285	11	2,490.9%	1,794,419	2,268,750	-20.9%
BRITISH POUND	0	217	-100.0%	2,483,962	1,914,730	0.3	0	217	-100.0%	2,483,962	1,914,730	29.7%
BRAZIL REAL	0	0	0.0%	34,756	40,153	-0.13	0	0	0.0%	34,756	40,153	-13.4%
CANADIAN DOLLAR	2	34	-94.1%	1,397,745	1,790,333	-0.22	2	34	-94.1%	1,397,745	1,790,333	-21.9%
E-MINI EURO FX	0	0	0.0%	88,123	110,684	-0.2	0	0	0.0%	88,123	110,684	-20.4%
EURO FX	43	823	-94.8%	4,302,919	4,057,464	0.06	43	823	-94.8%	4,302,919	4,057,464	6.0%
E-MINI JAPANESE YEN	0	0	0.0%	37,064	41,493	-0.11	0	0	0.0%	37,064	41,493	-10.7%
JAPANESE YEN	3,656	346	956.6%	3,820,372	3,619,540	0.06	3,656	346	956.6%	3,820,372	3,619,540	5.5%
MEXICAN PESO	0	0	0.0%	1,073,477	1,087,610	-0.01	0	0	0.0%	1,073,477	1,087,610	-1.3%
NEW ZEALND DOLLAR	0	0	0.0%	531,834	445,226	0.19	0	0	0.0%	531,834	445,226	19.5%
NKR/USD CROSS RATE	0	0	0.0%	754	566	0.33	0	0	0.0%	754	566	33.2%
RUSSIAN RUBLE	0	0	0.0%	23,493	32,220	-0.27	0	0	0.0%	23,493	32,220	-27.1%
S.AFRICAN RAND	0	0	0.0%	27,505	11,579	1.38	0	0	0.0%	27,505	11,579	137.5%
SWISS FRANC	0	0	0.0%	472,586	405,555	0.17	0	0	0.0%	472,586	405,555	16.5%
AD/CD CROSS RATES	0	0	0.0%	5	15	-0.67	0	0	0.0%	5	15	-66.7%
AD/JY CROSS RATES	0	0	0.0%	1,686	8,283	-0.8	0	0	0.0%	1,686	8,283	-79.6%
AD/NE CROSS RATES	0	0	0.0%	10	117	-0.91	0	0	0.0%	10	117	-91.5%
BP/JY CROSS RATES	0	0	0.0%	2,437	1,940	0.26	0	0	0.0%	2,437	1,940	25.6%
BP/SF CROSS RATES	0	0	0.0%	0	16	-1	0	0	0.0%	0	16	-100.0%
CD/JY CROSS RATES	0	0	0.0%	2	2	0	0	0	0.0%	2	2	0.0%
EC/AD CROSS RATES	0	0	0.0%	341	2,468	-0.86	0	0	0.0%	341	2,468	-86.2%
EC/CD CROSS RATES	0	0	0.0%	2,340	3,139	-0.25	0	0	0.0%	2,340	3,139	-25.5%
EC/NOK CROSS RATES	0	0	0.0%	38	3	11.67	0	0	0.0%	38	3	1,166.7%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2017	Open Outcry JAN 2016	% CHG	ELEC JAN 2017	ELEC JAN 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
FX Futures												
EC/SEK CROSS RATES	0	0	0.0%	70	7	9	0	0	0.0%	70	7	900.0%
EFX/BP CROSS RATES	0	0	0.0%	40,455	78,354	-0.48	0	0	0.0%	40,455	78,354	-48.4%
EFX/JY CROSS RATES	0	0	0.0%	31,523	39,338	-0.2	0	0	0.0%	31,523	39,338	-19.9%
EFX/SF CROSS RATES	0	0	0.0%	17,078	28,125	-0.39	0	0	0.0%	17,078	28,125	-39.3%
SF/JY CROSS RATES	0	-	-	0	-	-	0	-	-	0	-	-
SKR/USD CROSS RATES	0	0	0.0%	989	857	0.15	0	0	0.0%	989	857	15.4%
HUNGARIAN FORINT (US)	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
POLISH ZLOTY (US)	0	0	0.0%	188	407	-0.54	0	0	0.0%	188	407	-53.8%
POLISH ZLOTY (EC)	0	0	0.0%	51	1,357	-0.96	0	0	0.0%	51	1,357	-96.2%
SHEKEL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
RMB USD	0	6	-100.0%	52	464	-0.89	0	6	-100.0%	52	464	-88.8%
KOREAN WON	0	0	0.0%	2	7	-0.71	0	0	0.0%	2	7	-71.4%
TURKISH LIRA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TURKISH LIRA (EU)	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
E-MICRO EUR/USD	0	0	0.0%	322,706	432,792	-0.25	0	0	0.0%	322,706	432,792	-25.4%
E-MICRO GBP/USD	0	0	0.0%	77,797	46,694	0.67	0	0	0.0%	77,797	46,694	66.6%
E-MICRO USD/CAD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
E-MICRO USD/CHF	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
E-MICRO USD/JPY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
E-MICRO AUD/USD	0	0	0.0%	79,185	88,039	-0.1	0	0	0.0%	79,185	88,039	-10.1%
MICRO CHF/USD	0	0	0.0%	886	2,095	-0.58	0	0	0.0%	886	2,095	-57.7%
E-MICRO JPY/USD	0	0	0.0%	68,180	23,704	1.88	0	0	0.0%	68,180	23,704	187.6%
E-MICRO INR/USD	0	0	0.0%	2,646	97	26.28	0	0	0.0%	2,646	97	2,627.8%
FCXRX	0	-	-	2,002	-	-	0	-	-	2,002	-	-
E-MICRO USD/CNH	0	0	0.0%	0	32	-1	0	0	0.0%	0	32	-100.0%
CHINESE RENMINBI (CNH)	0	0	0.0%	2,070	2,287	-0.09	0	0	0.0%	2,070	2,287	-9.5%
E-MICRO CAD/USD	0	0	0.0%	14,614	18,089	-0.19	0	0	0.0%	14,614	18,089	-19.2%
INDIAN RUPEE	0	0	0.0%	22,293	12,355	0.8	0	0	0.0%	22,293	12,355	80.4%
USDZAR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2017	Open Outcry JAN 2016	% CHG	ELEC JAN 2017	ELEC JAN 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
FX Options												
AUSTRALIAN DOLLAR	1,210	520	132.7%	40,887	156,613	-0.74	1,210	520	132.7%	40,887	156,613	-73.9%
BRITISH POUND	88	7,959	-98.9%	82,579	193,069	-0.57	88	7,959	-98.9%	82,579	193,069	-57.2%
CANADIAN DOLLAR	79	3,084	-97.4%	43,650	233,794	-0.81	79	3,084	-97.4%	43,650	233,794	-81.3%
EURO FX	2,443	21,107	-88.4%	207,460	715,519	-0.71	2,443	21,107	-88.4%	207,460	715,519	-71.0%
JAPANESE YEN	2,607	11,299	-76.9%	111,273	292,378	-0.62	2,607	11,299	-76.9%	111,273	292,378	-61.9%
MEXICAN PESO	64	0	0.0%	11,862	2,675	3.43	64	0	0.0%	11,862	2,675	343.4%
NEW ZEALND DOLLAR	-	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%
SWISS FRANC	0	20	-100.0%	1,302	9,454	-0.86	0	20	-100.0%	1,302	9,454	-86.2%
JAPANESE YEN (EU)	0	0	0.0%	89	653	-0.86	0	0	0.0%	89	653	-86.4%
EURO FX (EU)	0	0	0.0%	55	5,937	-0.99	0	0	0.0%	55	5,937	-99.1%
CANADIAN DOLLAR (EU)	0	0	0.0%	18	570	-0.97	0	0	0.0%	18	570	-96.8%
BRITISH POUND (EU)	0	0	0.0%	69	2,029	-0.97	0	0	0.0%	69	2,029	-96.6%
AUSTRALIAN DLR (EU)	0	0	0.0%	2	413	-1	0	0	0.0%	2	413	-99.5%
EUR/USD PQO 2pm Fix	1,796	-	-	328,211	-	-	1,796	-	-	328,211	-	-
CAD/USD PQO 2pm Fix	0	-	-	79,525	-	-	0	-	-	79,525	-	-
JPY/USD PQO 2pm Fix	16,487	-	-	215,662	-	-	16,487	-	-	215,662	-	-
AUD/USD PQO 2pm Fix	300	-	-	54,557	-	-	300	-	-	54,557	-	-
GBP/USD PQO 2pm Fix	0	-	-	133,383	-	-	0	-	-	133,383	-	-
CHF/USD PQO 2pm Fix	0	-	-	2,991	-	-	0	-	-	2,991	-	-
Commodities and Alternative Investments												
Futures												
CORN	20,171	29,904	-32.5%	5,673,283	5,638,577	0.01	20,171	29,904	-32.5%	5,673,283	5,638,577	0.6%
SOYBEAN	15,220	19,369	-21.4%	3,627,244	3,695,630	-0.02	15,220	19,369	-21.4%	3,627,244	3,695,630	-1.9%
SOYBEAN MEAL	3,009	2,933	2.6%	1,794,118	1,490,372	0.2	3,009	2,933	2.6%	1,794,118	1,490,372	20.4%
SOYBEAN OIL	2,974	2,779	7.0%	1,962,485	1,668,423	0.18	2,974	2,779	7.0%	1,962,485	1,668,423	17.6%
OATS	0	0	0.0%	13,712	14,150	-0.03	0	0	0.0%	13,712	14,150	-3.1%
ROUGH RICE	0	0	0.0%	10,623	14,440	-0.26	0	0	0.0%	10,623	14,440	-26.4%
MINI CORN	0	0	0.0%	8,229	6,391	0.29	0	0	0.0%	8,229	6,391	28.8%
MINI SOYBEAN	0	0	0.0%	21,224	10,476	1.03	0	0	0.0%	21,224	10,476	102.6%
MINI WHEAT	0	0	0.0%	5,287	4,214	0.25	0	0	0.0%	5,287	4,214	25.5%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2017	Open Outcry JAN 2016	% CHG	ELEC JAN 2017	ELEC JAN 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												
Futures												
LIVE CATTLE	2,934	4,991	-41.2%	1,295,107	1,122,264	0.15	2,934	4,991	-41.2%	1,295,107	1,122,264	15.4%
FEEDER CATTLE	93	40	132.5%	202,816	188,457	0.08	93	40	132.5%	202,816	188,457	7.6%
LEAN HOGS	928	1,778	-47.8%	844,801	663,444	0.27	928	1,778	-47.8%	844,801	663,444	27.3%
LUMBER	0	0	0.0%	11,250	13,217	-0.15	0	0	0.0%	11,250	13,217	-14.9%
MILK	168	0	0.0%	27,222	20,741	0.31	168	0	0.0%	27,222	20,741	31.2%
MLK MID	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NFD MILK	0	0	0.0%	4,962	6,826	-0.27	0	0	0.0%	4,962	6,826	-27.3%
BUTTER CS	0	0	0.0%	2,393	2,823	-0.15	0	0	0.0%	2,393	2,823	-15.2%
CLASS IV MILK	0	0	0.0%	634	982	-0.35	0	0	0.0%	634	982	-35.4%
DRY WHEY	0	0	0.0%	2,840	1,684	0.69	0	0	0.0%	2,840	1,684	68.6%
GSCI EXCESS RETURN FUT	0	0	0.0%	6	43	-0.86	0	0	0.0%	6	43	-86.0%
GOLDMAN SACHS	0	0	0.0%	36,731	28,761	0.28	0	0	0.0%	36,731	28,761	27.7%
ETHANOL	0	0	0.0%	18,694	13,771	0.36	0	0	0.0%	18,694	13,771	35.7%
HDD WEATHER	0	0	0.0%	50	76	-0.34	0	0	0.0%	50	76	-34.2%
CDD WEATHER	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%
CDD SEASONAL STRIP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HDD WEATHER EUROPEAN	0	0	0.0%	50	0	0	0	0	0.0%	50	0	0.0%
CAT WEATHER EUROPEAN	-	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%
CAT EURO SEASONAL STRIP	0	-	-	0	-	0	0	-	-	0	-	-
HOUSING INDEX	0	0	0.0%	25	9	1.78	0	0	0.0%	25	9	177.8%
DOW-UBS COMMOD INDEX	0	0	0.0%	19,757	23,015	-0.14	0	0	0.0%	19,757	23,015	-14.2%
COTTON	0	0	0.0%	1	19	-0.95	0	0	0.0%	1	19	-94.7%
COCOA TAS	0	0	0.0%	6	349	-0.98	0	0	0.0%	6	349	-98.3%
COFFEE	0	0	0.0%	0	12	-1	0	0	0.0%	0	12	-100.0%
SUGAR 11	0	0	0.0%	14	122	-0.89	0	0	0.0%	14	122	-88.5%
USD CRUDE PALM OIL	0	-	-	0	-	0	0	-	-	0	-	-
CASH-SETTLED CHEESE	0	0	0.0%	8,973	10,439	-0.14	0	0	0.0%	8,973	10,439	-14.0%
FERTILIZER PRODUCS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CHI WHEAT	22,255	17,660	26.0%	2,350,255	1,783,656	0.32	22,255	17,660	26.0%	2,350,255	1,783,656	31.8%
DJ_UBS ROLL SELECT INDEX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
KC WHEAT	310	1,059	-70.7%	823,979	504,817	0.63	310	1,059	-70.7%	823,979	504,817	63.2%
Intercommodity Spread	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2017	Open Outcry JAN 2016	% CHG	ELEC JAN 2017	ELEC JAN 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												
Futures												
PALM OIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MALAYSIAN PALM SWAP	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%
Commodities and Alternative Investments												
Options												
CORN	432,726	450,691	-4.0%	962,198	864,710	0.11	432,726	450,691	-4.0%	962,198	864,710	11.3%
SOYBEAN	310,159	305,351	1.6%	897,676	831,905	0.08	310,159	305,351	1.6%	897,676	831,905	7.9%
SOYBEAN MEAL	70,166	62,698	11.9%	123,449	88,715	0.39	70,166	62,698	11.9%	123,449	88,715	39.2%
SOYBEAN OIL	75,209	75,923	-0.9%	67,595	74,967	-0.1	75,209	75,923	-0.9%	67,595	74,967	-9.8%
SOYBEAN CRUSH	100	672	-85.1%	0	0	0	100	672	-85.1%	0	0	0.0%
OATS	745	671	11.0%	861	417	1.06	745	671	11.0%	861	417	106.5%
ROUGH RICE	650	131	396.2%	893	2,108	-0.58	650	131	396.2%	893	2,108	-57.6%
WHEAT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
LIVE CATTLE	46,110	161,068	-71.4%	213,597	228,722	-0.07	46,110	161,068	-71.4%	213,597	228,722	-6.6%
FEEDER CATTLE	2,567	5,161	-50.3%	26,323	28,910	-0.09	2,567	5,161	-50.3%	26,323	28,910	-8.9%
LEAN HOGS	19,950	43,585	-54.2%	117,718	122,383	-0.04	19,950	43,585	-54.2%	117,718	122,383	-3.8%
LUMBER	24	0	0.0%	1,072	1,052	0.02	24	0	0.0%	1,072	1,052	1.9%
MILK	15,054	9,342	61.1%	20,399	11,924	0.71	15,054	9,342	61.1%	20,399	11,924	71.1%
MLK MID	196	66	197.0%	0	0	0	196	66	197.0%	0	0	0.0%
NFD MILK	1,369	5,305	-74.2%	3,570	2,066	0.73	1,369	5,305	-74.2%	3,570	2,066	72.8%
BUTTER CS	1,661	1,857	-10.6%	451	264	0.71	1,661	1,857	-10.6%	451	264	70.8%
CLASS IV MILK	476	183	160.1%	486	226	1.15	476	183	160.1%	486	226	115.0%
DRY WHEY	655	20	3,175.0%	6	0	0	655	20	3,175.0%	6	0	0.0%
HDD WEATHER	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%
HDD SEASONAL STRIP	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%
HDD WEATHER EUROPEAN	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%
HDD EURO SEASONAL STRIP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HOUSING INDEX	0	-	-	0	-	-	0	-	-	0	-	-
CORN NEARBY+2 CAL SPRD	1,440	2,280	-36.8%	0	51	-1	1,440	2,280	-36.8%	0	51	-100.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2017	Open Outcry JAN 2016	% CHG	ELEC JAN 2017	ELEC JAN 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												
SOYBN NEARBY+2 CAL SPRD	150	0	0.0%	300	0	0	150	0	0.0%	300	0	0.0%
WHEAT NEARBY+2 CAL SPRD	790	1,070	-26.2%	376	209	0.8	790	1,070	-26.2%	376	209	79.9%
JULY-DEC CORN CAL SPRD	300	3,596	-91.7%	0	0	0	300	3,596	-91.7%	0	0	0.0%
DEC-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
JULY-NOV SOYBEAN CAL SPR	12,185	1,342	808.0%	1,122	60	17.7	12,185	1,342	808.0%	1,122	60	1,770.0%
JULY-DEC WHEAT CAL SPRD	350	2,522	-86.1%	0	0	0	350	2,522	-86.1%	0	0	0.0%
JULY-JULY WHEAT CAL SPRD	0	-	-	0	-	-	0	-	-	0	-	-
NOV-NOV SOYBEAN CAL SPR	64	0	0.0%	0	0	0	64	0	0.0%	0	0	0.0%
SOYMEAL NEARBY+2 CAL SPR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
LV CATL CSO	369	0	0.0%	0	0	0	369	0	0.0%	0	0	0.0%
JULY-DEC SOY OIL CAL SPRD	230	0	0.0%	5	0	0	230	0	0.0%	5	0	0.0%
NOV-JULY SOYBEAN CAL SPR	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
SOY OIL NEARBY+2 CAL SPRD	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
CASH-SETTLED CHEESE	3,576	2,672	33.8%	4,703	2,790	0.69	3,576	2,672	33.8%	4,703	2,790	68.6%
DEC-JULY CORN CAL SPRD	600	0	0.0%	0	0	0	600	0	0.0%	0	0	0.0%
WHEAT-CORN IC SO	691	5,095	-86.4%	6	0	0	691	5,095	-86.4%	6	0	0.0%
DEC-DEC CORN CAL SPRD	1,143	0	0.0%	0	0	0	1,143	0	0.0%	0	0	0.0%
AUG-NOV SOYBEAN CAL SPR	0	-	-	0	-	-	0	-	-	0	-	-
MAR-DEC CORN CAL SPRD	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
CHI WHEAT	149,486	209,404	-28.6%	425,487	439,275	-0.03	149,486	209,404	-28.6%	425,487	439,275	-3.1%
MAR-JULY CORN CAL SPRD	0	2,376	-100.0%	0	3	-1	0	2,376	-100.0%	0	3	-100.0%
KC WHEAT	11,957	11,494	4.0%	19,336	7,177	1.69	11,957	11,494	4.0%	19,336	7,177	169.4%
MAR-JULY WHEAT CAL SPRD	721	50	1,342.0%	76	0	0	721	50	1,342.0%	76	0	0.0%
AUG-DEC SOYBEAN MEAL CS	0	-	-	0	-	-	0	-	-	0	-	-
Intercommodity Spread	101	250	-59.6%	0	0	0	101	250	-59.6%	0	0	0.0%
SEP-DEC SOYBEAN MEAL CSC	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
Ags Futures												
WHEAT	0	-	-	13,649	-	-	0	-	-	13,649	-	-

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2017	Open Outcry JAN 2016	% CHG	ELEC JAN 2017	ELEC JAN 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
Ags Options												
WHEAT	0	-	-	0	-	-	0	-	-	0	-	-
Foreign Exchange Futures												
CHILEAN PESO	0	6	-100.0%	67	0	0	0	6	-100.0%	67	0	0.0%
TOTAL FUTURES GROUP												
Interest Rate Futures	905,553	1,152,824	-21.4%	120,614,270	112,960,768	6.8%	905,553	1,152,824	-21.4%	120,614,270	112,960,768	6.8%
Equity Index Futures	41,410	75,893	-45.4%	36,478,460	64,011,908	-43.0%	41,410	75,893	-45.4%	36,478,460	64,011,908	-43.0%
Metals Futures	0	11,483	-100.0%	9,371,266	6,537,334	43.3%	0	11,483	-100.0%	9,371,266	6,537,334	43.3%
Energy Futures	0	6,730	-100.0%	39,209,905	37,120,627	5.6%	0	6,730	-100.0%	39,209,905	37,120,627	5.6%
FX Futures	3,986	1,437	177.4%	16,778,655	16,616,986	1.0%	3,986	1,437	177.4%	16,778,655	16,616,986	1.0%
Commodities and Alternative Inve	68,062	80,513	-15.5%	18,766,771	16,928,200	10.9%	68,062	80,513	-15.5%	18,766,771	16,928,200	10.9%
Ags Futures	0	-	-	13,649	-	-	0	-	-	13,649	-	-
Foreign Exchange Futures	0	6	-100.0%	67	0	0.0%	0	6	-100.0%	67	0	0.0%
TOTAL FUTURES	1,019,011	1,328,886	-23.3%	241,233,043	254,175,823	-5.1%	1,019,011	1,328,886	-23.3%	241,233,043	254,175,823	-5.1%
TOTAL OPTIONS GROUP												
Equity Index Options	920,642	1,208,198	-23.8%	12,156,771	12,946,119	-6.1%	920,642	1,208,198	-23.8%	12,156,771	12,946,119	-6.1%
Interest Rate Options	22,064,528	33,032,222	-33.2%	17,460,031	16,556,751	5.5%	22,064,528	33,032,222	-33.2%	17,460,031	16,556,751	5.5%
Metals Options	0	85,981	-100.0%	641,027	574,008	11.7%	0	85,981	-100.0%	641,027	574,008	11.7%
Energy Options	0	62,271	-100.0%	3,474,207	3,653,982	-4.9%	0	62,271	-100.0%	3,474,207	3,653,982	-4.9%
FX Options	25,074	43,989	-43.0%	1,313,575	1,613,104	-18.6%	25,074	43,989	-43.0%	1,313,575	1,613,104	-18.6%
Commodities and Alternative Inve	1,161,970	1,364,875	-14.9%	2,887,705	2,707,934	6.6%	1,161,970	1,364,875	-14.9%	2,887,705	2,707,934	6.6%
Ags Options	0	-	-	0	-	-	0	-	-	0	-	-
TOTAL OPTIONS	24,172,214	35,797,536	-32.5%	37,933,316	38,051,898	-0.3%	24,172,214	35,797,536	-32.5%	37,933,316	38,051,898	-0.3%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry JAN 2017	Open Outcry JAN 2016	% CHG	ELEC JAN 2017	ELEC JAN 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 COMBINED												
Interest Rate	22,970,081	34,185,046	-32.8%	138,074,301	129,517,519	6.6%	22,970,081	34,185,046	-32.8%	138,074,301	129,517,519	6.6%
Equity Index	962,052	1,284,091	-25.1%	48,635,231	76,958,027	-36.8%	962,052	1,284,091	-25.1%	48,635,231	76,958,027	-36.8%
Metals	0	97,464	-100.0%	10,012,293	7,111,342	40.8%	0	97,464	-100.0%	10,012,293	7,111,342	40.8%
Energy	0	69,001	-100.0%	42,684,112	40,774,609	4.7%	0	69,001	-100.0%	42,684,112	40,774,609	4.7%
FX	29,060	45,426	-36.0%	18,092,230	18,230,090	-0.8%	29,060	45,426	-36.0%	18,092,230	18,230,090	-0.8%
Commodities and Alternative Inve	1,230,032	1,445,388	-14.9%	21,654,476	19,636,134	10.3%	1,230,032	1,445,388	-14.9%	21,654,476	19,636,134	10.3%
Ags	0	-	-	13,649	-	-	0	-	-	13,649	-	-
Foreign Exchange	0	6	-100.0%	67	0	0.0%	0	6	-100.0%	67	0	0.0%
GRAND TOTAL	25,191,225	37,126,422	-32.1%	279,166,359	292,227,721	-4.5%	25,191,225	37,126,422	-32.1%	279,166,359	292,227,721	-4.5%

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