

## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAY 2016	Open Outcry MAY 2015	% CHG	ELEC MAY 2016	ELEC MAY 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
<b>Interest Rate Futures</b>												
30-YR BOND	14,695	204,767	-92.8%	6,205,270	6,548,484	-0.05	100,071	609,083	-83.6%	28,909,210	31,622,055	-8.6%
10-YR NOTE	139,020	803,879	-82.7%	31,825,322	36,380,506	-0.13	664,491	2,106,785	-68.5%	143,955,991	140,634,061	2.4%
5-YR NOTE	40,275	608,669	-93.4%	21,356,853	19,693,411	0.08	132,436	1,531,844	-91.4%	80,723,941	77,458,726	4.2%
2-YR NOTE	2,258	405,576	-99.4%	8,560,810	10,038,172	-0.15	4,666	871,530	-99.5%	32,388,176	34,538,991	-6.2%
FED FUND	0	0	0.0%	2,876,165	1,069,277	1.69	0	8,376	-100.0%	12,372,748	5,898,623	109.8%
EUROYEN	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
EURODOLLARS	445,579	420,580	5.9%	45,126,807	45,495,049	-0.01	3,025,457	2,544,637	18.9%	254,644,225	251,878,163	1.1%
5-YR SWAP RATE	0	0	0.0%	46,481	39,958	0.16	0	0	0.0%	281,697	234,368	20.2%
2-YR SWAP RATE	0	0	0.0%	15	1,057	-0.99	0	7	-100.0%	4,396	13,869	-68.3%
10-YR SWAP RATE	0	0	0.0%	33,060	29,561	0.12	0	2,032	-100.0%	208,893	237,622	-12.1%
7-YR SWAP	0	-	-	0	-	-	0	-	-	3,052	-	-
1-MONTH EURODOLLAR	0	0	0.0%	3,620	9,469	-0.62	0	0	0.0%	6,280	24,205	-74.1%
ULTRA T-BOND	1	191,488	-100.0%	2,889,078	3,239,344	-0.11	1	419,116	-100.0%	11,282,330	11,642,687	-3.1%
30-YR SWAP RATE	0	0	0.0%	1,364	2,521	-0.46	0	61	-100.0%	8,647	19,198	-55.0%
Ultra 10-Year Note	0	-	-	1,423,623	-	-	0	-	-	4,320,139	-	-
EURO 5YR BUNDLE	0	0	0.0%	0	10	-1	0	0	0.0%	0	38	-100.0%
3YR BUNDLE	0	0	0.0%	0	25	-1	0	0	0.0%	0	143	-100.0%
2YR BUNDLE	0	0	0.0%	0	25	-1	0	0	0.0%	0	570	-100.0%
<b>Interest Rate Options</b>												
30-YR BOND	192,444	585,072	-67.1%	1,062,771	1,590,763	-0.33	1,338,401	2,342,389	-42.9%	6,925,533	5,862,515	18.1%
10-YR NOTE	2,207,787	3,771,876	-41.5%	4,746,649	6,056,053	-0.22	11,408,863	16,084,796	-29.1%	24,372,638	26,483,159	-8.0%
5-YR NOTE	632,067	516,992	22.3%	1,135,412	944,380	0.2	3,360,235	2,992,542	12.3%	6,451,636	5,144,236	25.4%
2-YR NOTE	49,657	29,994	65.6%	143,752	72,091	0.99	224,517	370,091	-39.3%	458,268	610,458	-24.9%
FED FUND	5,400	14,370	-62.4%	3,094	4,252	-0.27	37,030	162,636	-77.2%	4,660	13,980	-66.7%
FLEX 30-YR BOND	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
EURODOLLARS	9,562,926	4,423,234	116.2%	2,615,411	725,808	2.6	54,474,975	32,918,174	65.5%	14,646,214	5,582,075	162.4%
EURO MIDCURVE	5,975,057	7,020,305	-14.9%	2,402,012	1,857,728	0.29	37,837,742	39,918,516	-5.2%	16,419,518	8,847,052	85.6%
ULTRA T-BOND	1,556	16,600	-90.6%	3,694	4,583	-0.19	6,447	36,026	-82.1%	17,593	29,572	-40.5%
Ultra 10-Year Note	775	-	-	348	-	-	1,175	-	-	511	-	-

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<b>Equity Index Futures</b>												
\$25 DJ	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
DJIA	0	428	-100.0%	0	0	0	0	10,048	-100.0%	0	1,413	-100.0%
MINI \$5 DOW	0	0	0.0%	3,081,883	2,558,340	0.2	0	0	0.0%	18,965,454	15,162,919	25.1%
E-MINI S&P500	0	0	0.0%	32,952,730	24,477,132	0.35	0	0	0.0%	202,374,589	153,936,569	31.5%
S&P 500	50,859	46,655	9.0%	14,926	11,558	0.29	507,105	603,528	-16.0%	101,388	84,301	20.3%
S&P 600 SMALLCAP EMINI	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
E-MINI MIDCAP	0	0	0.0%	338,590	293,658	0.15	0	0	0.0%	2,179,281	1,962,309	11.1%
S&P 400 MIDCAP	0	0	0.0%	0	0	0	0	39	-100.0%	0	0	0.0%
S&P 500 GROWTH	0	0	0.0%	10	5	1	0	0	0.0%	106	136	-22.1%
S&P 500/VALUE	0	0	0.0%	5,269	3	1,755.33	0	0	0.0%	20,935	132	15,759.8%
E-MINI RUSSELL 1000	0	-	-	293	-	-	0	-	-	3,245	-	-
E-MINI NASDAQ 100	0	0	0.0%	4,720,935	3,880,696	0.22	0	0	0.0%	30,278,754	25,404,103	19.2%
NASDAQ	0	1,301	-100.0%	0	0	0	0	21,257	-100.0%	0	2,120	-100.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	272,051	227,252	0.2	0	0	0.0%	2,106,502	1,579,920	33.3%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	948,256	796,583	0.19	0	0	0.0%	6,995,081	4,820,194	45.1%
DJ US REAL ESTATE	0	0	0.0%	7,739	8,507	-0.09	0	0	0.0%	49,782	45,132	10.3%
NASDAQ BIOTECH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
E-MICRO NIFTY	0	-	-	0	-	-	0	-	-	0	-	-
S&P CONSUMER STAPLES SE	0	0	0.0%	4,164	3,408	0.22	0	0	0.0%	33,122	18,282	81.2%
S&P HEALTH CARE SECTOR	0	0	0.0%	4,651	10,053	-0.54	0	0	0.0%	36,389	50,356	-27.7%
S&P TECHNOLOGY SECTOR	0	0	0.0%	4,202	1,882	1.23	0	0	0.0%	17,668	11,496	53.7%
S&P INDUSTRIAL SECTOR	0	0	0.0%	1,908	1,442	0.32	0	0	0.0%	11,759	10,704	9.9%
S&P CONSUMER DSCRTNRY S	0	0	0.0%	3,496	6,829	-0.49	0	0	0.0%	23,520	24,405	-3.6%
S&P UTILITIES SECTOR	0	0	0.0%	8,639	8,444	0.02	0	0	0.0%	56,115	48,868	14.8%
S&P FINANCIAL SECTOR	0	0	0.0%	4,499	1,273	2.53	0	0	0.0%	33,651	8,668	288.2%
S&P ENERGY SECTOR	0	0	0.0%	5,448	7,027	-0.22	0	0	0.0%	38,254	25,367	50.8%
S&P MATERIALS SECTOR	0	0	0.0%	3,603	2,086	0.73	0	0	0.0%	17,777	18,116	-1.9%
E-MINI RUSSELL 1000 VALUE	0	-	-	98	-	-	0	-	-	3,044	-	-
FT-SE 100	0	-	-	986	-	-	0	-	-	8,085	-	-
IBOVESPA INDEX	0	0	0.0%	938	610	0.54	0	0	0.0%	3,256	1,616	101.5%
E-MINI RUSSELL 1000 GROWT	0	-	-	98	-	-	0	-	-	1,998	-	-

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<b>Equity Index Options</b>												
DJIA	0	0	0.0%	0	0	0	0	22	-100.0%	0	0	0.0%
MINI \$5 DOW	0	0	0.0%	12,676	7,278	0.74	0	0	0.0%	76,895	58,210	32.1%
E-MINI S&P500	20,890	22,145	-5.7%	5,237,998	5,173,316	0.01	110,315	111,285	-0.9%	32,819,227	29,336,288	11.9%
S&P 500	604,598	611,170	-1.1%	0	1	-1	3,976,459	3,254,559	22.2%	0	73	-100.0%
E-MINI MIDCAP	0	0	0.0%	4	1	3	0	0	0.0%	9	20	-55.0%
E-MINI NASDAQ 100	0	0	0.0%	221,648	91,221	1.43	0	0	0.0%	1,214,591	573,634	111.7%
NASDAQ	0	0	0.0%	0	0	0	0	30	-100.0%	0	0	0.0%
EOM S&P 500	131,636	129,138	1.9%	0	0	0	760,274	486,341	56.3%	0	0	0.0%
EOM EMINI S&P	0	0	0.0%	1,316,704	1,170,525	0.12	0	0	0.0%	6,773,377	5,167,147	31.1%
EOW1 S&P 500	67,506	29,429	129.4%	0	0	0	253,813	158,604	60.0%	0	0	0.0%
EOW1 EMINI S&P 500	0	0	0.0%	905,918	716,776	0.26	0	0	0.0%	4,358,272	4,254,957	2.4%
EOW2 S&P 500	148,687	77,208	92.6%	0	0	0	544,061	390,135	39.5%	0	0	0.0%
EOW2 EMINI S&P 500	0	0	0.0%	978,756	747,376	0.31	0	0	0.0%	4,853,488	4,482,958	8.3%
EOW4 EMINI S&P 500	0	0	0.0%	906,855	850,973	0.07	0	0	0.0%	4,783,634	3,885,043	23.1%
EOW5 EMINI S&P 500	0	-	-	1,202,601	-	-	0	-	-	1,620,298	-	-
EOW5 S&P 500	124,932	-	-	0	-	-	242,969	-	-	0	-	-

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<b>Metals Futures</b>												
COMEX GOLD	11,915	57,864	-79.4%	5,588,614	3,484,814	0.6	59,389	222,583	-73.3%	22,758,266	17,130,671	32.9%
E-MINI SILVER	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
COMEX MINY COPPER	0	0	0.0%	392	430	-0.09	0	0	0.0%	3,222	4,930	-34.6%
COMEX SILVER	1,355	5,665	-76.1%	1,154,245	853,027	0.35	6,705	57,817	-88.4%	6,806,677	5,148,895	32.2%
COMEX COPPER	0	31,588	-100.0%	1,506,795	1,044,935	0.44	454	198,614	-99.8%	8,119,031	6,630,741	22.4%
NYMEX HOT ROLLED STEEL	0	0	0.0%	520	127	3.09	0	0	0.0%	2,534	767	230.4%
NYMEX PLATINUM	0	0	0.0%	240,158	205,116	0.17	38	124	-69.4%	1,397,192	1,222,565	14.3%
URANIUM	0	0	0.0%	254	1	253	0	0	0.0%	993	793	25.2%
PALLADIUM	0	2	-100.0%	134,368	127,402	0.05	63	136	-53.7%	540,588	528,025	2.4%
E-MICRO GOLD	0	0	0.0%	103,808	25,333	3.1	0	0	0.0%	454,193	139,215	226.3%
ALUMINUM	0	0	0.0%	673	420	0.6	0	0	0.0%	5,899	1,635	260.8%
COMEX E-Mini GOLD	0	0	0.0%	11,527	5,500	1.1	0	0	0.0%	52,888	29,757	77.7%
COMEX E-Mini SILVER	0	0	0.0%	1,229	642	0.91	0	0	0.0%	4,808	4,430	8.5%
SILVER	0	0	0.0%	6,961	5,120	0.36	0	0	0.0%	37,561	45,425	-17.3%
COPPER	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
Aluminium MW Trans Prem Platts	0	0	0.0%	577	507	0.14	0	0	0.0%	2,412	1,787	35.0%
Gold Kilo	0	0	0.0%	3,712	5,635	-0.34	0	0	0.0%	28,028	18,156	54.4%
LNDN ZINC	0	-	-	36	-		0	-	-	115	-	-
FERROUS PRODUCTS	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%	94	0	0	0	0	0.0%	3,199	0	0.0%
IRON ORE 58 CHINA TSI FUTU	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%

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<b>Metals Options</b>												
COMEX GOLD	69,069	70,324	-1.8%	622,635	369,389	0.69	399,691	420,606	-5.0%	3,173,374	1,963,737	61.6%
COMEX SILVER	6,822	17,767	-61.6%	82,854	78,363	0.06	42,193	74,326	-43.2%	472,010	417,099	13.2%
COMEX COPPER	23	312	-92.6%	2,732	835	2.27	973	4,809	-79.8%	9,311	6,719	38.6%
NYMEX PLATINUM	412	251	64.1%	703	381	0.85	1,978	2,087	-5.2%	2,960	2,279	29.9%
PALLADIUM	0	32	-100.0%	292	127	1.3	272	857	-68.3%	805	1,487	-45.9%
SHORT TERM GOLD	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
SHORT TERM	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
GOLD	0	195	-100.0%	3,854	1,670	1.31	556	1,255	-55.7%	17,303	8,057	114.8%
SILVER	0	0	0.0%	0	0	0	0	10	-100.0%	33	1,029	-96.8%
COPPER	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%
IRON ORE 62 CHINA TSI CALL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HOT ROLLED COIL STEEL CAL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
HOT ROLLED COIL STEEL PUT	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
<b>Energy Futures</b>												
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	61	-100.0%
NORTHWEST ROCKIES BASIS	0	0	0.0%	0	0	0	0	0	0.0%	60	0	0.0%
HEATING OIL VS ICE GASOIL	0	0	0.0%	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	662	-100.0%	10,681	3,526	2.03	800	828	-3.4%	45,221	16,429	175.3%
HTG OIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
LTD NAT GAS	0	72	-100.0%	62,313	77,477	-0.2	0	509	-100.0%	360,194	241,441	49.2%
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%

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<b>Energy Futures</b>												
HUSTN SHIP CHNL PIPE SWP	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%
PANHANDLE PIPE SWAP	0	-	-	0	-		0	-	-	0	-	-
BRENT OIL LAST DAY	0	0	0.0%	1,761,018	1,518,539	0.16	0	0	0.0%	10,768,550	11,321,198	-4.9%
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%	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	0	0	0	0	0.0%	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%	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	0	0	0	0	0.0%	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%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAY 2016	Open Outcry MAY 2015	% CHG	ELEC MAY 2016	ELEC MAY 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
<b>Energy Futures</b>												
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 DPL DA PEAK	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
PJM DPL DA OFF-PEAK	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
PJM EASTERNH DA PEAK	-	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%
PJM JCPL DA OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM PEPSCO DA PEAK	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
PJM PEPSCO DA OFF-PEAK	0	0	0.0%	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%
TENNESSEE 500 LEG NG INDE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
CIG ROCKIES NG INDEX SWA	0	-	-	0	-		0	-	-	0	-	-
TENNESSEE 500 LEG NG SWIN	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
GASOIL 0.1 CIF MED SWAP	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%
ICE GASOIL BALMO SWAP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
JET FUEL CARGOES CIF NEW	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
ULSD 10PPM CIF NW BALMO S	-	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%	0	0	0.0%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAY 2016	Open Outcry MAY 2015	% CHG	ELEC MAY 2016	ELEC MAY 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
<b>Energy Futures</b>												
PANHANDLE INDEX SWAP FUT	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%
DOMINION TRAN INC - APP I	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	61	433	-85.9%	3,150,682	2,403,323	0.31	628	3,610	-82.6%	14,724,768	13,738,662	7.2%
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%
SINGAPORE GASOIL BALMO	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%
PREMIUM UNLD 10PPM CARG	-	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%	7	12	-0.42	0	0	0.0%	40	42	-4.8%
WAHA BASIS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MINY NATURAL GAS	0	0	0.0%	22,730	19,125	0.19	0	0	0.0%	123,863	161,497	-23.3%
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%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAY 2016	Open Outcry MAY 2015	% CHG	ELEC MAY 2016	ELEC MAY 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
<b>Energy Futures</b>												
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%
BRENT CFD(PLATTS) VS FRNT	-	0	0.0%	-	0	0	-	0	0.0%	-	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%
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%	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%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAY 2016	Open Outcry MAY 2015	% CHG	ELEC MAY 2016	ELEC MAY 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
<b>Energy Futures</b>												
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%
NEPOOL MAINE 5MW D AH PK	-	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%
NEPOOL MAINE 5MW D AH O E	-	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	51	450	-88.7%	3,594,816	2,822,785	0.27	324	2,174	-85.1%	17,123,392	15,041,521	13.8%
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%	0	0	0.0%
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%	313,784	203,797	0.54	0	0	0.0%	1,572,379	1,648,160	-4.6%
NEW ENGLAND HUB PEAK DAI	0	-	-	0	-	-	0	-	-	0	-	-
ROCKIES KERN OPAL - NW IN	0	-	-	0	-	-	0	-	-	0	-	-
NATURAL GAS PHY	345	1,755	-80.3%	6,886,881	6,407,715	0.07	1,430	8,610	-83.4%	35,489,071	32,283,721	9.9%
APPALACHIAN COAL (PHY)	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
WTI CALENDAR	471	0	0.0%	0	0	0	1,043	22	4,640.9%	0	0	0.0%
HENRY HUB BASIS SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	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	1,798	18,115	-90.1%	20,914,705	13,061,927	0.6	14,435	98,335	-85.3%	111,822,133	82,799,146	35.1%
RBOB CALENDAR SWAP	0	0	0.0%	0	0	0	0	12	-100.0%	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%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAY 2016	Open Outcry MAY 2015	% CHG	ELEC MAY 2016	ELEC MAY 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
<b>Energy Futures</b>												
CHICAGO ETHANOL SWAP	0	0	0.0%	1,181	1,117	0.06	0	0	0.0%	5,328	1,769	201.2%
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	0	-	0	0.0%	-	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%
GASOLINE UP-DOWN (ARGUS)	-	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%	3	5	-0.4	0	0	0.0%	20	27	-25.9%
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%
NY HARBOR HEAT OIL SWP	0	21	-100.0%	0	0	0	24	128	-81.3%	3	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%
PGE&E CITYGATE	-	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%
NORTHERN 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%

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## CME Group Exchange Volume Comparison Report - Monthly

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<b>Energy Futures</b>												
EL PASO PERMIAN INDEX SWA	0	-	-	0	-		0	-	-	0	-	-
HENRY HUB INDEX SWAP FUT	0	0	0.0%	0	0	0	0	0	0.0%	0	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%	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%	0	0	0.0%
MICHIGAN HUB PEAK MONTH	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
MICHIGAN HUB OFF-PEAK MO	-	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%
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 TEXOK SWING SWAP	-	0	0.0%	-	0	0	-	0	0.0%	-	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	21	-100.0%
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%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAY 2016	Open Outcry MAY 2015	% CHG	ELEC MAY 2016	ELEC MAY 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
<b>Energy Futures</b>												
SINGAPORE GASOIL VS ICE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NATURAL GAS PEN SWP	0	4,844	-100.0%	0	0	0	92	20,576	-99.6%	0	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%
TD3 MEG TO JAPAN 250K MT	-	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%	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	-	-
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%
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%	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%	3	2	50.0%
GULF COAST ULSD CRACK SP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HENRY HUB SWAP	736	164	348.8%	152,325	31,859	3.78	1,472	236	523.7%	1,012,944	117,285	763.7%
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%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAY 2016	Open Outcry MAY 2015	% CHG	ELEC MAY 2016	ELEC MAY 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
<b>Energy Futures</b>												
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 JET FUEL (ARGUS) VS HEA	-	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%
MISO 5MW PEAK	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
MISO 5MW OFF PEAK	-	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%	175	0	0	0	0	0.0%	225	306	-26.5%
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%
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%	4	8	-0.5	0	0	0.0%	40	81	-50.6%
EUROPEAN GASOIL (ICE)	0	0	0.0%	97,722	6,394	14.28	0	0	0.0%	1,288,382	55,671	2,214.3%
ERCOT NORTH ZMCPE 5MW O	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%

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## CME Group Exchange Volume Comparison Report - Monthly

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<b>Energy Futures</b>												
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	13	-100.0%
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%
CRUDE OIL LAST DAY	-	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	-	-
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	-	-
RBOB CRACK SPREAD BALMO	0	-	-	0	-		0	-	-	0	-	-
CARBON EUA EMISSIONS EUR	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
DIESEL 10PPM BARGES FOB B	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
EURO 3.5% FUEL OIL M CRK	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
PJM DUQUESNE 5MW D AH PK	0	0	0.0%	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%	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%
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%	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%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAY 2016	Open Outcry MAY 2015	% CHG	ELEC MAY 2016	ELEC MAY 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
<b>Energy Futures</b>												
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	-	-
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%	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%	0	0	0	0	0	0.0%	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%
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%
NATURAL GAS FIXED PRICE S	0	-	-	0	-		0	-	-	0	-	-
PETROLEUM PRODUCTS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NATURAL GAS INDEX	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%
NEW YORK HUB ZONE J PEAK	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%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAY 2016	Open Outcry MAY 2015	% CHG	ELEC MAY 2016	ELEC MAY 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
<b>Energy Futures</b>												
PJM ATSI ELEC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SUMAS NAT GAS PLATTS FIXE	0	-	-	0	-		0	-	-	0	-	-
MGF FUT	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%
NY HARBOR LOW SULPUR GA	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	-	-
GROUP THREE ULSD (PLATTS)	0	0	0.0%	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%	0	0	0.0%
VENTURA NAT GAS PLATTS FI	0	-	-	0	-		0	-	-	0	-	-
COLUMBIA GULF NAT GAS FIX	0	-	-	0	-		0	-	-	0	-	-
MTB FUT	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%
CENTER POINT NAT GAS FIXE	0	-	-	0	-		0	-	-	0	-	-
EMMISSIONS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MINI RBOB V. EBOBARG NWE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ELEC ERCOT DLY OFF PK	0	-	-	0	-		0	-	-	0	-	-
EU LOW SULPHUR GASOIL CR	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%
CHICAGO ULSD (PLATTS) SWA	0	0	0.0%	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%
CANADIAN LIGHT SWEET OIL	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%
MINI GAS EUROBOB OXY NWE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ELECTRICITY ERCOT PEAK	-	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%
<b>Energy Options</b>												
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%	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%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAY 2016	Open Outcry MAY 2015	% CHG	ELEC MAY 2016	ELEC MAY 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
<b>Energy Options</b>												
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	404	32	1,162.5%	1,793	0	0	1,816	1,912	-5.0%	2,711	3	90,266.7%
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%	0	0	0.0%
HEATING OIL PHY	665	3,660	-81.8%	5,660	5,228	0.08	4,444	15,927	-72.1%	37,236	34,541	7.8%
HENRY HUB FINANCIAL LAST	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
RBOB PHY	486	2,557	-81.0%	8,493	4,686	0.81	6,970	10,275	-32.2%	43,869	29,929	46.6%
NATURAL GAS PHY	818	29,390	-97.2%	550,801	203,100	1.71	13,859	122,672	-88.7%	2,668,535	1,001,916	166.3%
CRUDE OIL APO	1,431	8	17,787.5%	0	0	0	6,471	338	1,814.5%	0	0	0.0%
NATURAL GAS 3 M CSO FIN	0	0	0.0%	0	0	0	250	0	0.0%	0	0	0.0%
NATURAL GAS 1 M CSO FIN	0	0	0.0%	0	0	0	200	962	-79.2%	0	0	0.0%
WTI CRUDE OIL 1 M CSO FI	0	0	0.0%	2,600	0	0	0	3,000	-100.0%	13,526	0	0.0%
CRUDE OIL PHY	25,073	117,184	-78.6%	2,405,860	1,823,643	0.32	172,458	812,328	-78.8%	14,188,805	11,053,895	28.4%
RBOB CALENDAR SWAP	2	0	0.0%	0	0	0	50	9	455.6%	0	0	0.0%
RBOB 1MO CAL SPD OPTIONS	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%
NY HARBOR HEAT OIL SWP	105	219	-52.1%	0	0	0	871	997	-12.6%	0	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%	0	0	0	0	0	0.0%	0	0	0.0%
HO 1 MONTH CLNDR OPTIONS	0	0	0.0%	0	0	0	0	25	-100.0%	0	0	0.0%
NG HH 3 MONTH CAL	250	-	-	0	-	-	500	-	-	0	-	-
CRUDE OIL 1MO	0	0	0.0%	51,766	6,321	7.19	0	4,600	-100.0%	196,750	34,147	476.2%
WTI 6 MONTH CALENDAR OPTI	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
WTI 12 MONTH CALENDAR OP	0	0	0.0%	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%	8	0	0	0	0	0.0%	8	3	166.7%
NATURAL GAS SUMMER STRIF	-	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%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAY 2016	Open Outcry MAY 2015	% CHG	ELEC MAY 2016	ELEC MAY 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
<b>Energy Options</b>												
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%	0	0	0	0	0	0.0%	0	0	0.0%
PJM CALENDAR STRIP	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%
APPALACHIAN COAL	0	0	0.0%	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%
ELEC FINSETTLED	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
BRENT 1 MONTH CAL	-	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%	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%	0	0	0.0%
SINGAPORE GASOIL CALEND	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%	0	0	0.0%
SHORT TERM CRUDE OIL	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%
DAILY CRUDE OIL	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%
COAL API4 INDEX	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	-	-
LLS CRUDE OIL	0	-	-	0	-	-	0	-	-	0	-	-
PJM WES HUB PEAK CAL MTH	0	-	-	0	-	-	0	-	-	0	-	-
PJM ELECTRIC	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%
1 MO GASOIL CAL SWAP SPR	0	-	-	0	-	-	0	-	-	0	-	-
GASOLINE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
WTI CRUDE OIL 12 M CSO F	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAY 2016	Open Outcry MAY 2015	% CHG	ELEC MAY 2016	ELEC MAY 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
<b>FX Futures</b>												
AUSTRALIAN DOLLAR	83	266	-68.8%	2,158,448	1,686,453	0.28	167	5,331	-96.9%	10,598,400	10,052,708	5.4%
BRITISH POUND	65	750	-91.3%	1,949,727	2,227,820	-0.12	346	4,384	-92.1%	10,369,709	10,661,610	-2.7%
BRAZIL REAL	0	26	-100.0%	37,529	28,940	0.3	0	30	-100.0%	268,449	180,648	48.6%
CANADIAN DOLLAR	288	667	-56.8%	1,473,876	1,167,833	0.26	538	6,338	-91.5%	7,972,482	7,080,616	12.6%
E-MINI EURO FX	0	0	0.0%	53,755	147,499	-0.64	0	0	0.0%	421,440	682,370	-38.2%
EURO FX	697	1,577	-55.8%	3,182,159	5,533,315	-0.42	5,238	31,805	-83.5%	20,877,179	28,088,973	-25.7%
E-MINI JAPANESE YEN	0	0	0.0%	24,704	12,869	0.92	0	0	0.0%	177,856	88,081	101.9%
JAPANESE YEN	179	457	-60.8%	2,129,579	2,530,604	-0.16	2,301	10,395	-77.9%	15,472,606	14,716,022	5.1%
MEXICAN PESO	0	6,880	-100.0%	1,073,128	680,208	0.58	0	109,776	-100.0%	5,533,461	4,219,810	31.1%
NEW ZEALND DOLLAR	0	0	0.0%	455,791	401,940	0.13	0	52	-100.0%	2,130,509	1,976,346	7.8%
NKR/USD CROSS RATE	0	0	0.0%	1,353	478	1.83	0	0	0.0%	6,179	4,661	32.6%
RUSSIAN RUBLE	0	0	0.0%	19,063	9,516	1	0	4	-100.0%	138,379	88,426	56.5%
S.AFRICAN RAND	0	0	0.0%	13,956	6,215	1.25	0	0	0.0%	65,767	59,815	10.0%
SWISS FRANC	0	22	-100.0%	391,626	417,690	-0.06	0	956	-100.0%	2,281,882	2,385,128	-4.3%
AD/CD CROSS RATES	0	0	0.0%	0	22	-1	0	0	0.0%	36	150	-76.0%
AD/JY CROSS RATES	0	0	0.0%	4,055	2,859	0.42	0	0	0.0%	24,087	16,657	44.6%
AD/NE CROSS RATES	0	0	0.0%	100	90	0.11	0	0	0.0%	422	314	34.4%
BP/JY CROSS RATES	0	0	0.0%	745	534	0.4	0	0	0.0%	6,833	6,208	10.1%
BP/SF CROSS RATES	0	0	0.0%	4	343	-0.99	0	0	0.0%	51	997	-94.9%
CD/JY CROSS RATES	0	0	0.0%	0	18	-1	0	0	0.0%	9	104	-91.3%
EC/AD CROSS RATES	0	0	0.0%	1,370	1,050	0.3	0	0	0.0%	8,218	6,430	27.8%
EC/CD CROSS RATES	0	0	0.0%	1,373	436	2.15	0	0	0.0%	11,559	13,743	-15.9%
EC/NOK CROSS RATES	0	0	0.0%	0	1	-1	0	5	-100.0%	5	17	-70.6%
EC/SEK CROSS RATES	0	0	0.0%	131	6	20.83	0	0	0.0%	322	310	3.9%
EFX/BP CROSS RATES	0	0	0.0%	38,465	44,986	-0.14	0	0	0.0%	343,309	279,099	23.0%
EFX/JY CROSS RATES	0	0	0.0%	17,447	25,942	-0.33	0	0	0.0%	190,817	193,156	-1.2%
EFX/SF CROSS RATES	0	0	0.0%	15,072	17,628	-0.14	0	0	0.0%	138,056	140,317	-1.6%
SF/JY CROSS RATES	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
SKR/USD CROSS RATES	0	0	0.0%	959	681	0.41	0	0	0.0%	5,934	4,718	25.8%
CZECK KORUNA (US)	-	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%
HUNGARIAN FORINT (US)	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%

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<b>FX Futures</b>												
POLISH ZLOTY (US)	0	0	0.0%	138	3	45	0	0	0.0%	1,782	932	91.2%
POLISH ZLOTY (EC)	0	0	0.0%	520	0	0	0	0	0.0%	4,589	0	0.0%
SHEKEL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
RMB USD	0	0	0.0%	74	144	-0.49	6	0	0.0%	1,539	1,673	-8.0%
KOREAN WON	0	0	0.0%	1	11	-0.91	0	0	0.0%	73	80	-8.8%
TURKISH LIRA	0	0	0.0%	0	8	-1	0	0	0.0%	0	14	-100.0%
TURKISH LIRA (EU)	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
E-MICRO EUR/USD	0	0	0.0%	188,608	440,285	-0.57	0	0	0.0%	1,575,992	1,786,571	-11.8%
E-MICRO GBP/USD	0	0	0.0%	49,240	50,838	-0.03	0	0	0.0%	266,898	203,996	30.8%
E-MICRO USD/CAD	0	0	0.0%	0	6	-1	0	0	0.0%	22	10	120.0%
E-MICRO USD/CHF	0	0	0.0%	0	0	0	0	0	0.0%	1	1	0.0%
E-MICRO USD/JPY	0	0	0.0%	0	4	-1	0	0	0.0%	4	31	-87.1%
E-MICRO AUD/USD	0	0	0.0%	84,955	47,840	0.78	0	0	0.0%	433,104	256,341	69.0%
MICRO CHF/USD	0	0	0.0%	1,404	1,238	0.13	0	0	0.0%	11,162	12,658	-11.8%
E-MICRO INR/USD	0	0	0.0%	1,825	77	22.7	0	0	0.0%	4,422	1,860	137.7%
E-MICRO JPY/USD	0	0	0.0%	20,938	11,088	0.89	0	0	0.0%	135,043	67,808	99.2%
CHINESE RENMINBI (CNH)	0	0	0.0%	826	437	0.89	0	0	0.0%	7,587	3,165	139.7%
INDIAN RUPEE	0	0	0.0%	13,568	13,005	0.04	0	0	0.0%	55,729	59,230	-5.9%
USDZAR	0	0	0.0%	0	77	-1	0	0	0.0%	4	294	-98.6%
FCXRX	0	-	-	52	-	-	0	-	-	56	-	-
E-MICRO USD/CNH	0	0	0.0%	0	2	-1	0	0	0.0%	60	261	-77.0%
E-MICRO CAD/USD	0	0	0.0%	23,911	8,882	1.69	0	0	0.0%	99,749	67,361	48.1%
EURO QUARTERLY VARIANCE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%

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<b>FX Options</b>												
AUSTRALIAN DOLLAR	661	1,028	-35.7%	169,264	133,205	0.27	3,139	19,788	-84.1%	718,819	653,497	10.0%
BRITISH POUND	1,383	10,398	-86.7%	211,980	264,234	-0.2	22,234	56,950	-61.0%	1,041,979	1,324,086	-21.3%
BRAZIL REAL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
CANADIAN DOLLAR	2,169	5,928	-63.4%	133,199	87,861	0.52	20,394	17,727	15.0%	810,585	544,356	48.9%
EURO FX	6,809	20,626	-67.0%	618,589	1,129,023	-0.45	74,958	156,673	-52.2%	3,836,113	5,738,785	-33.2%
JAPANESE YEN	9,618	23,447	-59.0%	275,623	252,594	0.09	41,828	65,413	-36.1%	1,505,527	1,022,961	47.2%
MEXICAN PESO	0	203	-100.0%	1,527	957	0.6	720	1,608	-55.2%	10,528	5,760	82.8%
NEW ZEALND DOLLAR	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%
SWISS FRANC	30	258	-88.4%	7,207	6,480	0.11	237	3,985	-94.1%	37,749	90,342	-58.2%
JAPANESE YEN (EU)	0	0	0.0%	969	429	1.26	0	0	0.0%	3,675	1,551	136.9%
EURO FX (EU)	0	1	-100.0%	2,637	5,951	-0.56	0	5	-100.0%	18,269	33,295	-45.1%
SWISS FRANC (EU)	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
CANADIAN DOLLAR (EU)	0	0	0.0%	78	0	0	0	0	0.0%	1,606	1,125	42.8%
BRITISH POUND (EU)	0	0	0.0%	651	504	0.29	0	2	-100.0%	6,931	3,765	84.1%
AUSTRALIAN DLR (EU)	0	0	0.0%	74	162	-0.54	0	0	0.0%	1,044	520	100.8%

### Commodities and Alternative Investments

<b>Futures</b>												
CORN	39,669	100,166	-60.4%	6,734,525	5,711,618	0.18	179,038	667,149	-73.2%	36,913,715	30,388,923	21.5%
SOYBEAN	27,391	45,259	-39.5%	6,003,902	3,240,938	0.85	154,115	308,713	-50.1%	26,958,898	19,658,977	37.1%
SOYBEAN MEAL	5,773	19,036	-69.7%	2,474,983	1,561,721	0.58	22,311	97,469	-77.1%	10,729,578	8,340,022	28.7%
SOYBEAN OIL	3,127	13,503	-76.8%	2,427,782	1,985,782	0.22	19,270	88,422	-78.2%	11,477,010	10,253,951	11.9%
OATS	0	118	-100.0%	13,266	12,932	0.03	0	459	-100.0%	90,235	78,227	15.4%
ROUGH RICE	0	51	-100.0%	18,819	13,727	0.37	0	924	-100.0%	123,233	105,903	16.4%
MINI CORN	0	131	-100.0%	12,389	7,551	0.64	0	1,119	-100.0%	50,437	51,039	-1.2%
MINI SOYBEAN	0	141	-100.0%	32,729	11,046	1.96	0	2,531	-100.0%	121,674	91,193	33.4%
MINI WHEAT	0	55	-100.0%	5,477	7,111	-0.23	0	200	-100.0%	27,688	32,068	-13.7%
LIVE CATTLE	3,779	59,655	-93.7%	1,227,867	1,075,971	0.14	20,879	326,309	-93.6%	5,489,505	5,125,783	7.1%
FEEDER CATTLE	105	5,087	-97.9%	182,394	158,589	0.15	167	39,513	-99.6%	1,051,341	979,664	7.3%
LEAN HOGS	1,246	40,307	-96.9%	725,232	789,702	-0.08	9,636	259,413	-96.3%	3,410,671	3,871,841	-11.9%
LUMBER	0	162	-100.0%	12,800	16,453	-0.22	0	1,150	-100.0%	73,050	81,432	-10.3%

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<b>Commodities and Alternative Investments</b>												
<b>Futures</b>												
MILK	22	146	-84.9%	27,278	20,866	0.31	167	2,428	-93.1%	110,515	124,792	-11.4%
MLK MID	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NFD MILK	0	38	-100.0%	4,351	2,973	0.46	0	211	-100.0%	27,465	14,839	85.1%
BUTTER CS	0	0	0.0%	2,101	2,895	-0.27	0	0	0.0%	15,769	13,448	17.3%
CLASS IV MILK	0	0	0.0%	1,153	464	1.48	0	119	-100.0%	4,067	3,404	19.5%
DRY WHEY	0	0	0.0%	1,269	952	0.33	0	0	0.0%	5,739	7,975	-28.0%
GSCI EXCESS RETURN FUT	0	0	0.0%	11	0	0	0	0	0.0%	420	130	223.1%
GOLDMAN SACHS	0	238	-100.0%	26,606	26,515	0	0	5,901	-100.0%	136,406	136,312	0.1%
ETHANOL	0	0	0.0%	13,477	19,927	-0.32	0	0	0.0%	67,391	94,311	-28.5%
HDD WEATHER	0	0	0.0%	0	0	0	0	0	0.0%	78	52	50.0%
CDD WEATHER	0	0	0.0%	200	50	3	0	0	0.0%	200	50	300.0%
HDD SEASONAL STRIP	0	0	0.0%	0	2	-1	0	0	0.0%	0	52	-100.0%
CDD SEASONAL STRIP	0	0	0.0%	0	4	-1	0	0	0.0%	0	4	-100.0%
HDD WEATHER EUROPEAN	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%
HDD EURO SEASONAL STRIP	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%
HOUSING INDEX	0	0	0.0%	16	6	1.67	0	0	0.0%	51	42	21.4%
DOW-UBS COMMOD INDEX	0	0	0.0%	17,889	14,177	0.26	0	0	0.0%	147,899	95,473	54.9%
COTTON	0	0	0.0%	14	102	-0.86	0	0	0.0%	308	274	12.4%
COCOA TAS	0	0	0.0%	213	42	4.07	0	0	0.0%	1,083	268	304.1%
COFFEE	0	0	0.0%	7	30	-0.77	0	0	0.0%	79	311	-74.6%
SUGAR 11	0	0	0.0%	40	85	-0.53	0	0	0.0%	282	827	-65.9%
CASH-SETTLED CHEESE	0	0	0.0%	12,282	5,519	1.23	0	0	0.0%	54,492	42,632	27.8%
OTC SP GSCI ER SWAP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
DOW-UBS COMMOD INDEX SW	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
GRAIN BASIS SWAPS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
FERTILIZER PRODCUS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CHI WHEAT	12,791	38,364	-66.7%	2,333,118	2,386,142	-0.02	85,068	152,253	-44.1%	12,919,959	12,036,851	7.3%
KC WHEAT	400	1,776	-77.5%	630,999	475,921	0.33	6,789	10,190	-33.4%	3,540,081	2,831,875	25.0%
Intercommodity Spread	0	-	-	0	-		0	-	-	0	-	-
DJ_UBS ROLL SELECT INDEX	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%

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<b>Commodities and Alternative Investments Futures</b>												
S&P GSCI ENHANCED ER SWA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
<b>Commodities and Alternative Investments Options</b>												
CORN	687,231	783,036	-12.2%	1,343,484	1,071,706	0.25	3,056,031	3,700,306	-17.4%	5,748,762	5,105,699	12.6%
SOYBEAN	438,265	435,706	0.6%	1,858,105	901,825	1.06	2,276,910	2,760,558	-17.5%	7,148,192	4,700,340	52.1%
SOYBEAN MEAL	87,636	94,103	-6.9%	232,930	149,663	0.56	347,762	475,706	-26.9%	775,662	725,962	6.8%
SOYBEAN OIL	107,815	109,169	-1.2%	105,649	60,373	0.75	481,830	498,981	-3.4%	525,989	242,958	116.5%
SOYBEAN CRUSH	708	158	348.1%	0	0	0	3,730	402	827.9%	0	0	0.0%
OATS	356	776	-54.1%	642	472	0.36	2,810	7,004	-59.9%	3,064	2,949	3.9%
ROUGH RICE	162	555	-70.8%	2,164	825	1.62	2,068	3,246	-36.3%	8,711	3,803	129.1%
WHEAT	0	0	0.0%	0	0	0	0	485	-100.0%	0	0	0.0%
LIVE CATTLE	166,947	65,161	156.2%	294,294	157,466	0.87	776,692	399,635	94.4%	1,292,252	1,015,191	27.3%
FEEDER CATTLE	2,760	3,315	-16.7%	30,610	25,080	0.22	20,047	18,935	5.9%	154,681	154,912	-0.1%
LEAN HOGS	27,879	49,979	-44.2%	152,786	132,896	0.15	160,923	256,934	-37.4%	583,797	905,875	-35.6%
LUMBER	14	14	0.0%	870	818	0.06	65	18	261.1%	4,748	5,688	-16.5%
MILK	16,196	7,795	107.8%	14,479	12,703	0.14	54,621	52,863	3.3%	62,937	70,769	-11.1%
MLK MID	4	23	-82.6%	0	0	0	133	161	-17.4%	0	0	0.0%
NFD MILK	2,400	1,877	27.9%	2,272	159	13.29	14,501	12,700	14.2%	6,275	1,034	506.9%
BUTTER CS	759	2,004	-62.1%	143	206	-0.31	5,950	5,038	18.1%	1,012	838	20.8%
CLASS IV MILK	120	482	-75.1%	170	276	-0.38	573	1,912	-70.0%	1,066	819	30.2%
DRY WHEY	192	189	1.6%	0	30	-1	607	2,006	-69.7%	19	248	-92.3%
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%	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%	0	0	0	0	0	0.0%	18	0	0.0%
CORN NEARBY+2 CAL SPRD	9,362	6,135	52.6%	10	75	-0.87	16,921	11,446	47.8%	66	1,169	-94.4%
SOYBN NEARBY+2 CAL SPRD	0	100	-100.0%	0	0	0	350	100	250.0%	0	0	0.0%
WHEAT NEARBY+2 CAL SPRD	1,797	9,763	-81.6%	156	496	-0.69	21,734	48,280	-55.0%	921	3,937	-76.6%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAY 2016	Open Outcry MAY 2015	% CHG	ELEC MAY 2016	ELEC MAY 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
<b>Commodities and Alternative Investments Options</b>												
JULY-DEC CORN CAL SPRD	7,219	2,679	169.5%	18	117	-0.85	30,984	11,186	177.0%	171	304	-43.8%
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	10,036	9,171	9.4%	20	18	0.11	39,729	28,201	40.9%	258	192	34.4%
JULY-DEC WHEAT CAL SPRD	9,534	3,000	217.8%	10	332	-0.97	28,564	7,705	270.7%	110	603	-81.8%
JULY-JULY WHEAT CAL SPRD	230	0	0.0%	0	0	0	460	0	0.0%	0	0	0.0%
NOV-NOV SOYBEAN CAL SPR	161	0	0.0%	0	0	0	369	33	1,018.2%	0	0	0.0%
SOYMEAL NEARBY+2 CAL SPR	800	0	0.0%	0	0	0	3,375	300	1,025.0%	0	0	0.0%
LV CATL CSO	218	3	7,166.7%	0	0	0	243	57	326.3%	0	0	0.0%
SBIN HURR	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
JULY-DEC SOYMEAL CAL SPR	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
JULY-DEC SOY OIL CAL SPRD	0	20	-100.0%	0	0	0	0	45	-100.0%	0	0	0.0%
NOV-JULY SOYBEAN CAL SPR	0	0	0.0%	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%	0	0	0.0%
CASH-SETTLED CHEESE	7,031	981	616.7%	2,185	1,015	1.15	19,092	19,642	-2.8%	13,601	5,494	147.6%
DEC-JULY CORN CAL SPRD	0	700	-100.0%	0	0	0	0	800	-100.0%	0	0	0.0%
WHEAT-CORN ICSO	200	2,400	-91.7%	0	0	0	5,557	7,300	-23.9%	0	0	0.0%
DEC-DEC CORN CAL SPRD	2,156	40	5,290.0%	0	0	0	4,962	404	1,128.2%	5	0	0.0%
SNOWFALL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
AUG-NOV SOYBEAN CAL SPR	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
JAN-MAY SOYBEAN CAL SPRD	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
CHI WHEAT	149,988	379,169	-60.4%	443,382	441,174	0.01	952,102	1,420,221	-33.0%	2,368,093	1,637,867	44.6%
KC WHEAT	10,800	24,140	-55.3%	16,497	14,019	0.18	83,376	176,857	-52.9%	74,403	88,933	-16.3%
MAR-DEC CORN CAL SPRD	0	0	0.0%	0	0	0	0	5,430	-100.0%	0	0	0.0%
SEP-DEC SOYBEAN MEAL CSC	0	-	-	0	-	-	0	-	-	0	-	-
Intercommodity Spread	150	42	257.1%	0	0	0	2,000	569	251.5%	0	0	0.0%
MAR-JULY CORN CAL SPRD	0	0	0.0%	0	0	0	2,416	0	0.0%	4	0	0.0%
MAR-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0	1,650	310	432.3%	0	6	-100.0%
DEC-JUL SOYBEAN OIL CSO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
MAY-NOV SOYBEAN CAL SPR	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
NOV-DEC SOYBEAN CSO	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%

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## CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry MAY 2016	Open Outcry MAY 2015	% CHG	ELEC MAY 2016	ELEC MAY 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
<b>Foreign Exchange Futures</b>												
CHILEAN PESO	0	0	0.0%	0	54	-1	6	0	0.0%	4	64	-93.8%
<b>Ags Futures</b>												
PALM OIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
<b>TOTAL FUTURES GROUP</b>												
Interest Rate Futures	641,828	2,634,959	-75.6%	120,348,468	122,546,869	-1.8%	3,927,122	8,093,471	-51.5%	569,109,725	554,203,319	2.7%
Equity Index Futures	50,859	48,384	5.1%	42,385,412	32,296,788	31.2%	507,105	634,872	-20.1%	263,359,755	203,217,126	29.6%
Metals Futures	13,270	95,119	-86.0%	8,753,963	5,759,009	52.0%	66,649	479,274	-86.1%	40,217,606	30,907,792	30.1%
Energy Futures	3,462	26,516	-86.9%	36,969,027	26,557,609	39.2%	20,248	135,040	-85.0%	194,336,616	157,427,053	23.4%
FX Futures	1,312	10,645	-87.7%	13,430,475	15,519,921	-13.5%	8,596	169,076	-94.9%	79,641,772	83,409,722	-4.5%
Commodities and Alternative Inve	94,303	324,233	-70.9%	22,943,189	17,549,813	30.7%	497,440	1,964,473	-74.7%	113,549,469	94,462,945	20.2%
Foreign Exchange Futures	0	0	0.0%	0	54	-100.0%	6	0	0.0%	4	64	-93.8%
Ags Futures	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
<b>TOTAL FUTURES</b>	<b>805,034</b>	<b>3,139,856</b>	<b>-74.4%</b>	<b>244,830,534</b>	<b>220,230,063</b>	<b>11.2%</b>	<b>5,027,166</b>	<b>11,476,206</b>	<b>-56.2%</b>	<b>1,260,214,947</b>	<b>1,123,628,021</b>	<b>12.2%</b>
<b>TOTAL OPTIONS GROUP</b>												
Equity Index Options	1,098,249	869,090	26.4%	10,783,160	8,757,467	23.1%	5,887,891	4,400,976	33.8%	56,499,791	47,758,330	18.3%
Interest Rate Options	18,627,669	16,378,443	13.7%	12,113,143	11,255,658	7.6%	108,689,385	94,825,170	14.6%	69,296,571	52,573,047	31.8%
Metals Options	76,326	88,881	-14.1%	713,070	450,765	58.2%	445,663	503,950	-11.6%	3,675,796	2,400,407	53.1%
Energy Options	29,234	153,050	-80.9%	3,026,981	2,042,978	48.2%	207,889	973,045	-78.6%	17,151,440	12,154,434	41.1%
FX Options	20,670	61,889	-66.6%	1,421,798	1,881,400	-24.4%	163,510	322,151	-49.2%	7,992,825	9,420,056	-15.2%
Commodities and Alternative Inve	1,749,126	1,992,685	-12.2%	4,500,876	2,971,744	51.5%	8,419,137	9,935,776	-15.3%	18,774,817	14,675,590	27.9%
<b>TOTAL OPTIONS</b>	<b>21,601,274</b>	<b>19,544,038</b>	<b>10.5%</b>	<b>32,559,028</b>	<b>27,360,012</b>	<b>19.0%</b>	<b>123,813,475</b>	<b>110,961,068</b>	<b>11.6%</b>	<b>173,391,240</b>	<b>138,981,864</b>	<b>24.8%</b>

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## CME Group Exchange Volume Comparison Report - Monthly

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<b>TOTAL COMBINED</b>												
Interest Rate	19,269,497	19,013,402	1.3%	132,461,611	133,802,527	-1.0%	112,616,507	102,918,641	9.4%	638,406,296	606,776,366	5.2%
Equity Index	1,149,108	917,474	25.2%	53,168,572	41,054,255	29.5%	6,394,996	5,035,848	27.0%	319,859,546	250,975,456	27.4%
Metals	89,596	184,000	-51.3%	9,467,033	6,209,774	52.5%	512,312	983,224	-47.9%	43,893,402	33,308,199	31.8%
Energy	32,696	179,566	-81.8%	39,996,008	28,600,587	39.8%	228,137	1,108,085	-79.4%	211,488,056	169,581,487	24.7%
FX	21,982	72,534	-69.7%	14,852,273	17,401,321	-14.6%	172,106	491,227	-65.0%	87,634,597	92,829,778	-5.6%
Commodities and Alternative Inve	1,843,429	2,316,918	-20.4%	27,444,065	20,521,557	33.7%	8,916,577	11,900,249	-25.1%	132,324,286	109,138,535	21.2%
Foreign Exchange	0	0	0.0%	0	54	-100.0%	6	0	0.0%	4	64	-93.8%
Ags	0	0	0.0%	0	0	0.0%	0	0	0.0%	0	0	0.0%
<b>GRAND TOTAL</b>	<b>22,406,308</b>	<b>22,683,894</b>	<b>-1.2%</b>	<b>277,389,562</b>	<b>247,590,075</b>	<b>12.0%</b>	<b>128,840,641</b>	<b>122,437,274</b>	<b>5.2%</b>	<b>1,433,606,187</b>	<b>1,262,609,885</b>	<b>13.5%</b>

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