



CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG
Interest Rate Futures												
30-YR BOND	12,815	27,876	-54.0%	6,532,866	7,243,514	-0.1	156,512	704,873	-77.8%	45,688,348	49,726,094	-8.1%
10-YR NOTE	97,079	160,906	-39.7%	33,927,411	33,272,722	0.02	1,160,227	2,652,898	-56.3%	227,397,229	225,173,615	1.0%
5-YR NOTE	34,427	26,225	31.3%	22,374,385	21,960,837	0.02	234,829	1,629,096	-85.6%	127,762,939	126,087,692	1.3%
2-YR NOTE	1,883	1,651	14.1%	8,486,299	10,519,661	-0.19	8,013	884,782	-99.1%	51,129,573	56,026,437	-8.7%
FED FUND	0	0	0.0%	3,074,571	2,495,194	0.23	0	8,376	-100.0%	21,687,791	11,700,760	85.4%
EUROYEN	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
EURODOLLARS	438,794	496,302	-11.6%	48,695,511	49,997,844	-0.03	4,520,610	4,123,784	9.6%	407,354,338	400,654,539	1.7%
5-YR SWAP RATE	0	0	0.0%	42,709	35,664	0.2	0	0	0.0%	450,431	386,227	16.6%
2-YR SWAP RATE	0	0	0.0%	2	2,214	-1	0	35	-100.0%	4,413	22,272	-80.2%
10-YR SWAP RATE	0	0	0.0%	33,338	26,774	0.25	0	2,652	-100.0%	338,767	380,791	-11.0%
7-YR SWAP	0	-	-	0	-	-	0	-	-	3,052	-	-
1-MONTH EURODOLLAR	0	0	0.0%	504	3,839	-0.87	0	0	0.0%	9,734	43,570	-77.7%
ULTRA T-BOND	60	52	15.4%	3,100,505	3,542,330	-0.12	66	424,211	-100.0%	17,914,694	18,997,256	-5.7%
30-YR SWAP RATE	0	0	0.0%	935	2,202	-0.58	0	61	-100.0%	13,304	26,562	-49.9%
Ultra 10-Year Note	0	-	-	1,821,158	-	-	28	-	-	8,763,502	-	-
EURO 5YR BUNDLE	0	0	0.0%	0	0	0	0	0	0.0%	0	38	-100.0%
3YR BUNDLE	0	0	0.0%	0	0	0	0	0	0.0%	0	168	-100.0%
2YR BUNDLE	0	0	0.0%	0	0	0	0	0	0.0%	0	595	-100.0%
Interest Rate Options												
30-YR BOND	196,502	538,897	-63.5%	1,217,716	1,459,588	-0.17	2,194,651	4,202,853	-47.8%	11,315,961	10,752,478	5.2%
10-YR NOTE	1,886,567	2,944,444	-35.9%	5,160,738	4,657,726	0.11	18,576,183	26,246,992	-29.2%	41,681,372	44,797,266	-7.0%
5-YR NOTE	513,085	668,050	-23.2%	1,365,528	1,334,569	0.02	5,261,199	5,041,511	4.4%	10,715,246	8,929,633	20.0%
2-YR NOTE	38,951	82,683	-52.9%	159,222	120,548	0.32	346,960	663,884	-47.7%	819,050	992,040	-17.4%
FED FUND	4,500	20,250	-77.8%	327	2,300	-0.86	52,625	207,336	-74.6%	10,740	19,758	-45.6%
FLEX 30-YR BOND	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
EURODOLLARS	8,531,878	7,466,651	14.3%	3,028,773	2,046,786	0.48	85,189,128	54,313,872	56.8%	23,935,733	10,862,158	120.4%
EURO MIDCURVE	4,026,788	6,935,235	-41.9%	1,867,112	2,593,611	-0.28	53,793,853	63,489,605	-15.3%	24,219,602	16,350,983	48.1%
ULTRA T-BOND	4,393	4,848	-9.4%	2,733	8,616	-0.68	13,587	42,040	-67.7%	31,529	48,628	-35.2%
Ultra 10-Year Note	0	-	-	3,346	-	-	3,275	-	-	4,841	-	-

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Equity Index Futures												
\$25 DJ	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
DJIA	0	0	0.0%	0	0	0	0	10,422	-100.0%	0	1,413	-100.0%
MINI \$5 DOW	0	0	0.0%	2,632,738	4,633,791	-0.43	0	0	0.0%	28,330,896	26,398,684	7.3%
E-MINI S&P500	0	0	0.0%	33,323,073	46,257,304	-0.28	0	0	0.0%	315,162,818	272,090,609	15.8%
S&P 500	48,117	79,550	-39.5%	20,056	28,055	-0.29	858,579	1,059,003	-18.9%	152,437	139,234	9.5%
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%	304,023	471,317	-0.35	0	0	0.0%	3,403,063	3,340,536	1.9%
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%	4	3	0.33	0	0	0.0%	167	229	-27.1%
S&P 500/VALUE	0	0	0.0%	686	2	342	0	0	0.0%	26,649	238	11,097.1%
E-MINI RUSSELL 1000	0	-	-	63	-	-	0	-	-	3,780	-	-
E-MINI NASDAQ 100	0	0	0.0%	4,025,428	7,319,539	-0.45	0	0	0.0%	44,100,061	43,272,031	1.9%
NASDAQ	0	0	0.0%	0	0	0	0	23,063	-100.0%	0	2,120	-100.0%
NIKKEI 225 (\$) STOCK	0	0	0.0%	231,894	448,037	-0.48	0	0	0.0%	3,168,987	2,821,704	12.3%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	883,594	1,546,656	-0.43	0	0	0.0%	10,412,991	8,560,003	21.6%
DJ US REAL ESTATE	0	0	0.0%	7,447	8,951	-0.17	0	0	0.0%	85,967	73,482	17.0%
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	690	-1	0	0	0.0%	0	690	-100.0%
S&P CONSUMER STAPLES SE	0	0	0.0%	2,538	2,151	0.18	0	0	0.0%	55,789	27,628	101.9%
S&P HEALTH CARE SECTOR	0	0	0.0%	6,119	5,518	0.11	0	0	0.0%	60,693	67,575	-10.2%
S&P TECHNOLOGY SECTOR	0	0	0.0%	2,423	1,951	0.24	0	0	0.0%	36,148	20,856	73.3%
S&P INDUSTRIAL SECTOR	0	0	0.0%	1,306	1,926	-0.32	0	0	0.0%	21,531	17,621	22.2%
S&P CONSUMER DSCRTNRY S	0	0	0.0%	3,080	4,126	-0.25	0	0	0.0%	37,592	44,495	-15.5%
S&P UTILITIES SECTOR	0	0	0.0%	12,740	8,542	0.49	0	0	0.0%	94,895	70,025	35.5%
S&P FINANCIAL SECTOR	0	0	0.0%	4,385	3,671	0.19	0	0	0.0%	51,006	17,227	196.1%
S&P ENERGY SECTOR	0	0	0.0%	12,612	10,217	0.23	0	0	0.0%	68,954	48,004	43.6%
S&P MATERIALS SECTOR	0	0	0.0%	4,209	1,777	1.37	0	0	0.0%	33,769	24,203	39.5%
FT-SE 100	0	-	-	1,268	-	-	0	-	-	13,961	-	-
E-MINI RUSSELL 1000 VALUE	0	-	-	224	-	-	0	-	-	3,999	-	-
E-MINI RUSSELL 1000 GROWT	0	-	-	79	-	-	0	-	-	2,355	-	-
IBOVESPA INDEX	0	0	0.0%	816	501	0.63	0	0	0.0%	5,479	3,166	73.1%

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Equity Index Options												
DJIA	0	0	0.0%	0	0	0	0	32	-100.0%	0	0	0.0%
MINI \$5 DOW	0	0	0.0%	3,874	19,920	-0.81	0	0	0.0%	97,039	91,655	5.9%
E-MINI S&P500	0	35,400	-100.0%	2,913,647	9,027,777	-0.68	110,315	168,505	-34.5%	41,619,425	51,720,822	-19.5%
S&P 500	248,482	1,118,782	-77.8%	0	23	-1	4,679,432	6,219,046	-24.8%	0	106	-100.0%
E-MINI MIDCAP	0	0	0.0%	6	0	0	0	0	0.0%	16	28	-42.9%
E-MINI NASDAQ 100	0	0	0.0%	216,473	151,570	0.43	0	0	0.0%	1,787,187	935,690	91.0%
NASDAQ	0	0	0.0%	0	0	0	0	30	-100.0%	0	0	0.0%
EOM S&P 500	118,220	128,338	-7.9%	0	0	0	1,369,472	844,278	62.2%	0	0	0.0%
EOM EMINI S&P	0	1,500	-100.0%	1,613,558	1,291,119	0.25	0	1,500	-100.0%	12,588,256	9,000,653	39.9%
EOW1 S&P 500	79,921	33,299	140.0%	0	0	0	464,772	254,099	82.9%	0	0	0.0%
EOW1 EMINI S&P 500	0	3,000	-100.0%	1,192,254	1,247,127	-0.04	0	3,000	-100.0%	7,691,663	7,462,917	3.1%
EOW2 S&P 500	137,476	97,426	41.1%	0	0	0	1,023,952	632,619	61.9%	0	0	0.0%
EOW2 EMINI S&P 500	0	0	0.0%	1,031,963	1,223,878	-0.16	0	0	0.0%	7,866,144	8,051,240	-2.3%
EOW4 EMINI S&P 500	0	4,500	-100.0%	1,053,465	1,884,601	-0.44	0	4,500	-100.0%	8,662,314	7,829,570	10.6%
EOW3 EMINI S&P 500	0	-	-	2,986,537	-	-	27,000	-	-	12,050,619	-	-
EOW3 S&P 500	297,480	-	-	0	-	-	1,719,369	-	-	0	-	-

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Metals Futures												
COMEX GOLD	6,793	15,290	-55.6%	4,144,648	3,276,280	0.27	82,271	275,582	-70.1%	37,047,350	27,351,994	35.4%
E-MINI SILVER	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
COMEX MINY COPPER	0	0	0.0%	417	1,081	-0.61	0	0	0.0%	4,533	7,151	-36.6%
COMEX SILVER	732	942	-22.3%	1,881,923	1,468,598	0.28	8,645	76,523	-88.7%	11,905,703	9,008,569	32.2%
COMEX COPPER	0	0	0.0%	1,867,061	1,734,004	0.08	850	260,899	-99.7%	13,605,398	11,316,923	20.2%
NYMEX HOT ROLLED STEEL	0	0	0.0%	537	125	3.3	0	0	0.0%	4,036	1,141	253.7%
NYMEX PLATINUM	0	0	0.0%	265,634	258,220	0.03	38	224	-83.0%	2,348,567	2,137,985	9.8%
URANIUM	0	0	0.0%	0	1	-1	0	0	0.0%	993	1,548	-35.9%
PALLADIUM	0	100	-100.0%	155,005	172,924	-0.1	63	376	-83.2%	880,623	883,071	-0.3%
E-MICRO GOLD	0	0	0.0%	56,462	43,364	0.3	0	0	0.0%	723,972	240,709	200.8%
SILVER	0	0	0.0%	11,552	8,169	0.41	0	0	0.0%	70,762	68,853	2.8%
LNDN ZINC	0	0	0.0%	14	119	-0.88	0	0	0.0%	200	187	7.0%
COMEX E-Mini SILVER	0	0	0.0%	1,618	1,021	0.58	0	0	0.0%	10,178	7,399	37.6%
ALUMINUM	0	0	0.0%	821	63	12.03	0	0	0.0%	8,842	2,452	260.6%
Gold Kilo	0	0	0.0%	4,083	3,385	0.21	0	0	0.0%	40,021	28,317	41.3%
Aluminium MW Trans Prem Platts	0	0	0.0%	82	949	-0.91	0	0	0.0%	4,570	4,932	-7.3%
COMEX E-Mini GOLD	0	0	0.0%	7,956	4,947	0.61	0	0	0.0%	88,632	45,668	94.1%
COPPER	0	0	0.0%	0	1	-1	0	0	0.0%	0	1	-100.0%
METALS	0	-	-	10	-		0	-	-	15	-	-
FERROUS PRODUCTS	0	0	0.0%	0	0	0	0	0	0.0%	0	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%
IRON ORE 62 CHINA TSI FUTU	0	0	0.0%	461	0	0	0	0	0.0%	4,456	0	0.0%

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Metals Options												
COMEX GOLD	40,881	85,207	-52.0%	448,072	448,874	0	548,376	713,933	-23.2%	4,650,608	3,412,805	36.3%
COMEX SILVER	10,075	7,940	26.9%	105,340	89,427	0.18	65,796	111,800	-41.1%	782,880	704,731	11.1%
COMEX COPPER	0	664	-100.0%	3,351	1,442	1.32	1,073	7,258	-85.2%	18,296	10,036	82.3%
NYMEX PLATINUM	180	20	800.0%	1,679	276	5.08	2,190	2,115	3.5%	5,729	3,426	67.2%
PALLADIUM	50	0	0.0%	520	112	3.64	322	1,192	-73.0%	1,994	2,243	-11.1%
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%
SILVER	0	0	0.0%	20	1	19	0	10	-100.0%	249	1,133	-78.0%
GOLD	0	260	-100.0%	3,404	1,553	1.19	616	2,108	-70.8%	29,279	12,472	134.8%
COPPER	0	0	0.0%	0	0	0	0	0	0.0%	0	10	-100.0%
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%
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%	274	0	0	0	0	0.0%	517	61	747.5%
NORTHWEST ROCKIES BASIS	0	0	0.0%	428	0	0	0	0	0.0%	736	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	0	0.0%	30,285	2,863	9.58	800	1,013	-21.0%	124,806	24,278	414.1%
HTG OIL	0	0	0.0%	0	0	0	36	0	0.0%	0	0	0.0%
LTD NAT GAS	0	0	0.0%	81,931	84,728	-0.03	0	549	-100.0%	578,762	498,237	16.2%
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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Energy Futures												
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%
PANHANDLE PIPE SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
BRENT OIL LAST DAY	0	0	0.0%	1,723,475	2,308,253	-0.25	344	0	0.0%	15,807,907	18,090,404	-12.6%
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 AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 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
Energy Futures												
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 PEPCO DA PEAK	-	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%	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%
MICHCON NG INDEX SWAP	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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 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
Energy Futures												
Tetco ELA Basis	0	0	0.0%	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%
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	58	198	-70.7%	3,189,211	2,924,271	0.09	761	4,490	-83.1%	23,945,204	22,177,415	8.0%
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%	11	10	0.1	0	0	0.0%	83	69	20.3%
WAHA BASIS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MINY NATURAL GAS	0	0	0.0%	24,470	16,784	0.46	0	0	0.0%	198,581	225,056	-11.8%
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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 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
Energy Futures												
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%
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%
FL GAS ZONE 3 NAT GAS IND	0	-	-	0	-	-	0	-	-	0	-	-
COLUMB GULF MAINLINE NG B	0	0	0.0%	122	0	0	0	0	0.0%	122	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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 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
Energy Futures												
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%
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	9	406	-97.8%	3,798,053	3,454,018	0.1	469	3,104	-84.9%	28,131,696	25,369,090	10.9%
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%
NORTHEN 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%	268,400	228,055	0.18	0	0	0.0%	2,314,208	2,278,548	1.6%
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	-	-
NATURAL GAS PHY	22	2,338	-99.1%	8,351,286	6,159,331	0.36	1,533	22,417	-93.2%	59,043,255	52,022,915	13.5%
APPALACHIAN COAL (PHY)	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
WTI CALENDAR	0	0	0.0%	0	0	0	1,069	22	4,759.1%	0	0	0.0%
HENRY HUB BASIS SWAP	0	0	0.0%	0	0	0	0	0	0.0%	31	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	989	6,220	-84.1%	22,458,636	18,630,181	0.21	19,148	120,379	-84.1%	172,843,902	129,237,136	33.7%
RBOB CALENDAR SWAP	0	0	0.0%	0	0	0	0	12	-100.0%	0	2	-100.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 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
Energy Futures												
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%	919	670	0.37	0	0	0.0%	10,084	3,873	160.4%
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%	7	4	0.75	0	0	0.0%	34	39	-12.8%
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	0	0.0%	0	0	0	39	146	-73.3%	3	11	-72.7%
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%	305	0	0	0	0	0.0%	549	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%	31	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%
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%	243	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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 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
Energy Futures												
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%	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%	640	0	0	0	0	0.0%	701	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 MIDCONTINENT SWING	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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 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
Energy Futures												
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	0	0.0%	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%	646	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 CALEND	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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 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
Energy Futures												
HENRY HUB SWAP	0	0	0.0%	246,247	60,944	3.04	1,472	236	523.7%	1,588,655	256,812	518.6%
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 ROTTT 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%	0	0	0	0	0	0.0%	225	506	-55.5%
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%	91	0	0	0	0	0.0%	139	112	24.1%
EUROPEAN GASOIL (ICE)	0	0	0.0%	7,291	16,482	-0.56	0	0	0.0%	1,461,101	90,363	1,516.9%
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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 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
Energy Futures												
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	20	-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%	0	0	0	0	0	0.0%	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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 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
Energy Futures												
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%	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	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%
PJM ATSI ELEC	0	0	0.0%	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%
MJB FUT	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 AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 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
Energy Futures												
EURO-DENOMINATED PETRO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ELEC ERCOT DLY OFF PK	0	-	-	0	-	-	0	-	-	0	-	-
SUMAS NAT GAS PLATTS FIXE	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%	0	0	0.0%
CENTER POINT NAT GAS FIXE	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%
MINI RBOB V. EBOB(ARGUS) N	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EMMISSIONS	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%	0	0	0.0%
MICHIGAN MISO	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%
MINI RBOB V. EBOBARG NWE	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%
CRUDE OIL TRADE AT MARKE	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%
NEW YORK HUB ZONE J PEAK	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%
GROUP THREE ULSD (PLATTS)	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%	0	0	0.0%
NY HARBOR LOW SULPUR GA	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%
3.5% FUEL OIL CIF BALMO S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
DLY GAS EURO-BOB OXY	0	-	-	0	-	-	0	-	-	0	-	-
NATURAL GAS INDEX	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%
UCM FUT	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%
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%
Energy Options												
ETHANOL	0	-	-	0	-	-	0	-	-	0	-	-

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 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
Energy Options												
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%
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	4	184	-97.8%	2,682	4	669.5	9,901	2,281	334.1%	10,103	8	126,187.5%
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	407	2,223	-81.7%	6,165	5,663	0.09	6,108	21,198	-71.2%	56,106	48,342	16.1%
HENRY HUB FINANCIAL LAST	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
RBOB PHY	247	2,124	-88.4%	7,590	8,946	-0.15	8,001	14,574	-45.1%	62,970	58,399	7.8%
NATURAL GAS PHY	285	10,139	-97.2%	996,859	193,596	4.15	18,804	203,413	-90.8%	5,322,232	1,616,667	229.2%
CRUDE OIL APO	72	84	-14.3%	0	0	0	7,159	503	1,323.3%	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%	9,300	0	0	0	3,000	-100.0%	26,126	0	0.0%
CRUDE OIL PHY	8,164	89,056	-90.8%	3,152,968	2,911,963	0.08	211,742	1,031,507	-79.5%	22,388,483	18,265,904	22.6%
RBOB CALENDAR SWAP	0	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	50	146	-65.8%	0	0	0	1,343	1,428	-6.0%	6	16	-62.5%
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	1,000	-1	0	0	0.0%	0	2,000	-100.0%
HO 1 MONTH CLNDR OPTIONS	0	0	0.0%	0	0	0	0	125	-100.0%	0	0	0.0%
NG HH 3 MONTH CAL	0	-	-	0	-		500	-	-	0	-	-
CRUDE OIL 1MO	0	0	0.0%	51,673	14,805	2.49	100	4,600	-97.8%	471,695	63,867	638.6%
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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 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
Energy Options												
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	3	-1	0	0	0.0%	10	36	-72.2%
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%
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%
EURO-DENOMINATED PETRO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM ELECTRIC	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	-	-
PJM WES HUB PEAK LMP 50M	0	-	-	0	-	-	0	-	-	0	-	-
LLS CRUDE OIL	0	-	-	0	-	-	0	-	-	0	-	-

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 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
Energy Options												
PJM WES HUB PEAK CAL MTH	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%
WTI CRUDE OIL 12 M CSO F	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
FX Futures												
AUSTRALIAN DOLLAR	228	82	178.0%	2,008,326	2,036,321	-0.01	977	5,942	-83.6%	16,883,916	15,984,844	5.6%
BRITISH POUND	16	405	-96.0%	1,848,704	2,037,279	-0.09	721	10,629	-93.2%	18,549,014	16,800,482	10.4%
BRAZIL REAL	0	0	0.0%	49,954	54,883	-0.09	0	30	-100.0%	387,845	305,389	27.0%
CANADIAN DOLLAR	3	161	-98.1%	1,402,829	1,468,582	-0.04	747	7,297	-89.8%	12,273,339	11,575,868	6.0%
E-MINI EURO FX	0	0	0.0%	48,572	114,590	-0.58	0	0	0.0%	624,111	1,065,326	-41.4%
EURO FX	626	1,356	-53.8%	2,985,639	5,229,312	-0.43	6,946	51,546	-86.5%	31,551,142	44,900,086	-29.7%
E-MINI JAPANESE YEN	0	0	0.0%	27,185	21,579	0.26	0	0	0.0%	276,307	145,807	89.5%
JAPANESE YEN	540	413	30.8%	2,214,623	3,394,765	-0.35	3,325	25,877	-87.2%	23,856,593	23,803,123	0.2%
MEXICAN PESO	0	0	0.0%	1,116,373	908,337	0.23	0	120,694	-100.0%	8,703,100	7,008,975	24.2%
NEW ZEALND DOLLAR	0	0	0.0%	441,727	409,395	0.08	0	732	-100.0%	3,571,395	3,364,971	6.1%
NKR/USD CROSS RATE	0	0	0.0%	1,721	533	2.23	0	0	0.0%	11,711	7,478	56.6%
RUSSIAN RUBLE	0	0	0.0%	21,929	19,745	0.11	0	4	-100.0%	216,124	136,799	58.0%
S.AFRICAN RAND	0	0	0.0%	20,907	11,617	0.8	0	806	-100.0%	120,440	108,338	11.2%
SWISS FRANC	0	0	0.0%	416,263	427,792	-0.03	0	1,073	-100.0%	3,670,290	3,700,114	-0.8%
AD/CD CROSS RATES	0	0	0.0%	0	22	-1	0	0	0.0%	37	194	-80.9%
AD/JY CROSS RATES	0	0	0.0%	1,864	4,430	-0.58	0	0	0.0%	31,637	28,479	11.1%
AD/NE CROSS RATES	0	0	0.0%	35	98	-0.64	0	0	0.0%	629	471	33.5%
BP/JY CROSS RATES	0	0	0.0%	1,946	776	1.51	0	0	0.0%	14,872	9,277	60.3%
BP/SF CROSS RATES	0	0	0.0%	7	48	-0.85	0	0	0.0%	316	1,408	-77.6%
CD/JY CROSS RATES	0	0	0.0%	0	8	-1	0	0	0.0%	10	149	-93.3%
EC/AD CROSS RATES	0	0	0.0%	933	709	0.32	0	0	0.0%	12,614	11,068	14.0%
EC/CD CROSS RATES	0	0	0.0%	1,381	1,970	-0.3	0	0	0.0%	17,923	19,517	-8.2%
EC/NOK CROSS RATES	0	0	0.0%	0	0	0	0	21	-100.0%	7	18	-61.1%
EC/SEK CROSS RATES	0	0	0.0%	31	82	-0.62	0	0	0.0%	491	554	-11.4%
EFX/BP CROSS RATES	0	0	0.0%	37,137	50,744	-0.27	0	0	0.0%	550,180	462,233	19.0%
EFX/JY CROSS RATES	0	0	0.0%	18,340	39,928	-0.54	0	0	0.0%	305,763	337,483	-9.4%

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CME Group Exchange Volume Comparison Report - Monthly

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FX Futures												
EFX/SF CROSS RATES	0	0	0.0%	15,581	27,186	-0.43	0	0	0.0%	241,292	240,520	0.3%
SF/JY CROSS RATES	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
SKR/USD CROSS RATES	0	0	0.0%	1,263	813	0.55	0	20	-100.0%	11,444	8,625	32.7%
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%
POLISH ZLOTY (US)	0	0	0.0%	953	16	58.56	0	0	0.0%	3,645	996	266.0%
POLISH ZLOTY (EC)	0	0	0.0%	5	0	0	0	0	0.0%	4,597	0	0.0%
SHEKEL	0	0	0.0%	0	0	0	0	0	0.0%	0	3	-100.0%
RMB USD	0	0	0.0%	22	1,095	-0.98	6	0	0.0%	1,670	3,607	-53.7%
KOREAN WON	0	0	0.0%	6	12	-0.5	0	0	0.0%	124	181	-31.5%
TURKISH LIRA	0	0	0.0%	0	0	0	0	0	0.0%	0	21	-100.0%
TURKISH LIRA (EU)	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
E-MICRO EUR/USD	0	0	0.0%	184,407	377,280	-0.51	0	0	0.0%	2,275,583	2,996,089	-24.0%
E-MICRO GBP/USD	0	0	0.0%	103,075	47,988	1.15	0	0	0.0%	607,494	344,795	76.2%
E-MICRO USD/CAD	0	0	0.0%	0	0	0	0	0	0.0%	22	12	83.3%
E-MICRO USD/CHF	0	0	0.0%	0	0	0	0	0	0.0%	1	3	-66.7%
E-MICRO USD/JPY	0	0	0.0%	0	5	-1	0	0	0.0%	4	76	-94.7%
E-MICRO AUD/USD	0	0	0.0%	132,532	58,986	1.25	0	0	0.0%	800,483	428,651	86.7%
MICRO CHF/USD	0	0	0.0%	1,286	2,037	-0.37	0	0	0.0%	15,557	18,716	-16.9%
E-MICRO INR/USD	0	0	0.0%	2,865	113	24.35	0	0	0.0%	14,162	2,176	550.8%
E-MICRO CAD/USD	0	0	0.0%	20,567	14,761	0.39	0	0	0.0%	163,784	102,493	59.8%
INDIAN RUPEE	0	0	0.0%	10,507	13,000	-0.19	0	0	0.0%	96,924	91,067	6.4%
USDZAR	0	0	0.0%	0	103	-1	0	0	0.0%	6	468	-98.7%
E-MICRO USD/CNH	0	0	0.0%	0	2	-1	0	0	0.0%	61	291	-79.0%
FCRX	0	-	-	58	-	-	0	-	-	468	-	-
E-MICRO JPY/USD	0	0	0.0%	28,667	17,920	0.6	0	0	0.0%	234,673	105,864	121.7%
CHINESE RENMINBI (CNH)	0	0	0.0%	883	1,064	-0.17	0	0	0.0%	10,905	5,121	112.9%
EURO QUARTERLY VARIANCE	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 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
FX Options												
AUSTRALIAN DOLLAR	2,680	485	452.6%	107,870	119,164	-0.09	9,259	23,410	-60.4%	1,083,932	1,033,029	4.9%
BRITISH POUND	2,685	12,215	-78.0%	175,928	179,914	-0.02	28,630	87,525	-67.3%	1,598,215	1,832,098	-12.8%
BRAZIL REAL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
CANADIAN DOLLAR	113	1,645	-93.1%	96,905	153,610	-0.37	23,129	22,242	4.0%	1,134,145	926,701	22.4%
EURO FX	6,058	27,334	-77.8%	470,951	921,434	-0.49	94,128	252,501	-62.7%	5,600,868	8,682,278	-35.5%
JAPANESE YEN	2,870	9,399	-69.5%	262,099	293,906	-0.11	56,518	96,549	-41.5%	2,423,024	1,784,441	35.8%
MEXICAN PESO	468	190	146.3%	3,503	1,396	1.51	1,233	2,410	-48.8%	19,978	9,266	115.6%
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	0	20	-100.0%	4,207	6,736	-0.38	272	4,062	-93.3%	53,197	113,763	-53.2%
JAPANESE YEN (EU)	0	0	0.0%	95	323	-0.71	0	3	-100.0%	5,898	2,860	106.2%
EURO FX (EU)	0	0	0.0%	586	3,155	-0.81	0	5	-100.0%	28,313	44,372	-36.2%
SWISS FRANC (EU)	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
CANADIAN DOLLAR (EU)	0	0	0.0%	18	94	-0.81	0	0	0.0%	1,786	1,356	31.7%
BRITISH POUND (EU)	0	0	0.0%	100	1,025	-0.9	0	2	-100.0%	9,066	5,236	73.1%
AUSTRALIAN DLR (EU)	0	0	0.0%	22	67	-0.67	0	0	0.0%	1,146	961	19.3%
OTC GBPUSD SUB	0	-	-	801	-	-	0	-	-	801	-	-
OTC EURUSD SUB	0	-	-	1,439	-	-	0	-	-	1,439	-	-
OTC USDCAD SUB	0	-	-	595	-	-	0	-	-	595	-	-
OTC AUDUSD SUB	0	-	-	496	-	-	0	-	-	496	-	-
OTC USDJPY SUB	0	-	-	533	-	-	0	-	-	533	-	-
OTC USDCHF SUB	0	-	-	72	-	-	0	-	-	72	-	-
Commodities and Alternative Investments												
Futures												
CORN	25,681	87,519	-70.7%	7,355,326	7,474,221	-0.02	359,432	1,096,561	-67.2%	61,124,918	56,270,079	8.6%
SOYBEAN	30,889	43,474	-28.9%	3,310,053	4,105,265	-0.19	265,238	525,446	-49.5%	41,632,553	33,849,302	23.0%
SOYBEAN MEAL	6,482	7,969	-18.7%	1,797,175	2,052,551	-0.12	41,187	143,492	-71.3%	17,340,802	15,188,473	14.2%
SOYBEAN OIL	8,021	3,024	165.2%	2,323,048	2,356,586	-0.01	36,486	126,058	-71.1%	18,637,299	18,028,113	3.4%
OATS	50	0	0.0%	18,020	12,646	0.42	60	553	-89.2%	152,427	121,566	25.4%
ROUGH RICE	0	0	0.0%	35,442	37,816	-0.06	0	996	-100.0%	202,632	192,047	5.5%
MINI CORN	0	0	0.0%	10,659	10,460	0.02	0	1,409	-100.0%	99,259	94,325	5.2%

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CME Group Exchange Volume Comparison Report - Monthly

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Commodities and Alternative Investments												
Futures												
MINI SOYBEAN	0	0	0.0%	15,241	16,500	-0.08	0	3,129	-100.0%	190,954	154,884	23.3%
MINI WHEAT	0	0	0.0%	8,479	7,692	0.1	0	489	-100.0%	53,765	60,250	-10.8%
LIVE CATTLE	4,239	3,669	15.5%	985,345	894,862	0.1	29,273	386,057	-92.4%	8,393,256	8,082,452	3.8%
FEEDER CATTLE	40	113	-64.6%	248,740	216,006	0.15	212	42,566	-99.5%	1,645,564	1,563,483	5.2%
LEAN HOGS	2,146	3,266	-34.3%	638,518	637,182	0	16,622	304,837	-94.5%	5,804,905	6,398,425	-9.3%
LUMBER	0	0	0.0%	17,296	20,486	-0.16	0	1,357	-100.0%	117,783	135,198	-12.9%
MILK	297	51	482.4%	30,080	16,364	0.84	620	3,124	-80.2%	202,280	186,050	8.7%
MLK MID	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NFD MILK	0	3	-100.0%	4,417	4,184	0.06	0	262	-100.0%	39,139	27,896	40.3%
BUTTER CS	0	0	0.0%	4,040	2,567	0.57	0	0	0.0%	24,295	22,310	8.9%
CLASS IV MILK	0	0	0.0%	937	557	0.68	0	149	-100.0%	7,858	6,725	16.8%
DRY WHEY	0	0	0.0%	1,617	2,004	-0.19	0	0	0.0%	9,406	13,192	-28.7%
GSCI EXCESS RETURN FUT	0	0	0.0%	0	0	0	0	0	0.0%	819	221	270.6%
GOLDMAN SACHS	0	0	0.0%	29,797	33,813	-0.12	0	6,135	-100.0%	219,962	224,994	-2.2%
ETHANOL	0	0	0.0%	12,103	11,434	0.06	0	0	0.0%	113,138	140,440	-19.4%
HDD WEATHER	0	0	0.0%	0	0	0	0	0	0.0%	78	52	50.0%
CDD WEATHER	0	0	0.0%	50	10	4	0	0	0.0%	400	260	53.8%
HDD SEASONAL STRIP	0	0	0.0%	0	0	0	0	0	0.0%	0	52	-100.0%
CDD SEASONAL STRIP	0	0	0.0%	0	0	0	0	0	0.0%	0	54	-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%	5	5	0	0	0	0.0%	68	54	25.9%
DOW-UBS COMMOD INDEX	0	0	0.0%	20,724	21,359	-0.03	0	0	0.0%	245,887	203,059	21.1%
COTTON	0	0	0.0%	77	125	-0.38	0	0	0.0%	547	492	11.2%
COCOA TAS	0	0	0.0%	517	216	1.39	0	0	0.0%	2,034	877	131.9%
COFFEE	0	0	0.0%	6	88	-0.93	0	0	0.0%	143	512	-72.1%
SUGAR 11	0	0	0.0%	23	49	-0.53	0	0	0.0%	401	1,090	-63.2%
USD CRUDE PALM OIL	0	-	-	0	-	-	0	-	-	0	-	-
CASH-SETTLED CHEESE	6	0	0.0%	8,932	7,235	0.23	6	0	0.0%	84,690	72,710	16.5%
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%

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CME Group Exchange Volume Comparison Report - Monthly

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Commodities and Alternative Investments												
Futures												
GRAIN BASIS SWAPS	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
FERTILIZER PRODUCTS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
KC WHEAT	1,366	788	73.4%	1,106,752	771,316	0.43	11,934	17,347	-31.2%	6,482,609	4,989,900	29.9%
Intercommodity Spread	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CHI WHEAT	19,317	21,591	-10.5%	3,361,864	2,908,823	0.16	144,968	260,698	-44.4%	22,243,259	21,655,248	2.7%
DJ_UBS ROLL SELECT INDEX	0	0	0.0%	0	6	-1	0	0	0.0%	0	6	-100.0%
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	596,726	876,556	-31.9%	1,243,033	1,374,289	-0.1	6,198,364	7,416,048	-16.4%	11,258,601	10,681,157	5.4%
SOYBEAN	326,951	527,870	-38.1%	1,037,626	1,077,990	-0.04	3,868,033	4,796,760	-19.4%	11,526,054	8,441,419	36.5%
SOYBEAN MEAL	59,056	93,939	-37.1%	105,801	109,501	-0.03	544,327	785,376	-30.7%	1,157,397	1,195,532	-3.2%
SOYBEAN OIL	117,292	131,258	-10.6%	115,678	61,852	0.87	783,064	851,878	-8.1%	832,464	445,539	86.8%
SOYBEAN CRUSH	155	429	-63.9%	0	0	0	4,618	915	404.7%	0	0	0.0%
OATS	612	1,027	-40.4%	1,083	508	1.13	4,468	9,950	-55.1%	5,693	4,957	14.8%
ROUGH RICE	29	251	-88.4%	1,858	1,498	0.24	2,198	4,576	-52.0%	13,368	9,759	37.0%
WHEAT	0	0	0.0%	0	0	0	0	485	-100.0%	0	0	0.0%
LIVE CATTLE	75,050	97,515	-23.0%	227,537	189,006	0.2	1,002,092	684,581	46.4%	1,908,572	1,533,360	24.5%
FEEDER CATTLE	5,390	3,409	58.1%	33,901	34,013	0	34,050	28,024	21.5%	241,597	252,481	-4.3%
LEAN HOGS	32,716	54,210	-39.6%	148,026	161,450	-0.08	284,256	467,282	-39.2%	1,035,058	1,418,383	-27.0%
LUMBER	0	0	0.0%	950	1,370	-0.31	105	18	483.3%	7,247	9,611	-24.6%
MILK	13,040	9,659	35.0%	22,857	10,497	1.18	96,032	84,217	14.0%	124,365	104,607	18.9%
MLK MID	193	51	278.4%	0	0	0	472	279	69.2%	0	0	0.0%
NFD MILK	1,243	2,568	-51.6%	1,068	436	1.45	17,642	25,029	-29.5%	9,242	1,981	366.5%
BUTTER CS	754	1,139	-33.8%	95	440	-0.78	8,103	8,646	-6.3%	1,669	1,618	3.2%
CLASS IV MILK	35	2	1,650.0%	1,274	31	40.1	1,950	3,058	-36.2%	5,842	1,517	285.1%
DRY WHEY	121	60	101.7%	18	2	8	751	2,379	-68.4%	55	310	-82.3%
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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG
Commodities and Alternative Investments												
Options												
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	413	5,273	-92.2%	5	21	-0.76	30,365	32,059	-5.3%	81	2,113	-96.2%
SOYBN NEARBY+2 CAL SPRD	0	0	0.0%	0	0	0	351	280	25.4%	0	0	0.0%
WHEAT NEARBY+2 CAL SPRD	9,736	18,477	-47.3%	10	499	-0.98	40,118	98,587	-59.3%	1,201	5,541	-78.3%
JULY-DEC CORN CAL SPRD	1,600	185	764.9%	0	0	0	36,534	22,616	61.5%	175	827	-78.8%
DEC-JULY WHEAT CAL SPRD	100	0	0.0%	0	0	0	100	35	185.7%	0	0	0.0%
JULY-NOV SOYBEAN CAL SPR	30	0	0.0%	0	0	0	60,439	33,430	80.8%	263	192	37.0%
JULY-DEC WHEAT CAL SPRD	0	0	0.0%	0	0	0	33,174	10,404	218.9%	145	2,292	-93.7%
JULY-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0	480	0	0.0%	13	0	0.0%
NOV-NOV SOYBEAN CAL SPR	2,121	0	0.0%	0	0	0	2,847	272	946.7%	0	0	0.0%
SOYMEAL NEARBY+2 CAL SPR	0	0	0.0%	0	0	0	3,785	300	1,161.7%	0	0	0.0%
LV CATL CSO	5	2	150.0%	0	0	0	254	81	213.6%	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	0	0.0%	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	75	-100.0%	0	0	0.0%
CASH-SETTLED CHEESE	7,363	1,825	303.5%	1,390	1,320	0.05	39,067	32,616	19.8%	18,817	11,263	67.1%
DEC-JULY CORN CAL SPRD	10,951	150	7,200.7%	0	0	0	14,551	7,110	104.7%	0	360	-100.0%
WHEAT-CORN IC SO	2,600	4,490	-42.1%	0	0	0	8,832	12,410	-28.8%	0	0	0.0%
DEC-DEC CORN CAL SPRD	1,933	520	271.7%	10	0	0	17,812	1,789	895.6%	15	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	20	0	0.0%	0	0	0.0%
JAN-MAY SOYBEAN CAL SPRD	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
MAR-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0	1,650	310	432.3%	0	6	-100.0%
KC WHEAT	13,857	16,348	-15.2%	16,804	6,743	1.49	139,188	257,480	-45.9%	138,800	116,088	19.6%
MAR-JULY CORN CAL SPRD	0	0	0.0%	0	0	0	2,416	0	0.0%	4	0	0.0%
MAR-DEC CORN CAL SPRD	0	0	0.0%	0	0	0	0	5,430	-100.0%	0	0	0.0%
Intercommodity Spread	0	0	0.0%	0	0	0	3,395	634	435.5%	0	0	0.0%
CHI WHEAT	180,769	156,885	15.2%	403,244	268,701	0.5	1,511,106	2,466,363	-38.7%	3,603,702	3,049,159	18.2%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG
Commodities and Alternative Investments												
Options												
SEP-DEC SOYBEAN MEAL CSC	0	50	-100.0%	0	10	-1	0	1,050	-100.0%	0	10	-100.0%
AUG-DEC SOYBEAN MEAL CS	0	-	-	0	-	-	5	-	-	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%
Foreign Exchange Futures												
CHILEAN PESO	0	0	0.0%	0	0	0	6	0	0.0%	4	64	-93.8%
TOTAL FUTURES GROUP												
Interest Rate Futures	585,058	713,012	-17.9%	128,090,194	129,102,795	-0.8%	6,080,285	10,430,768	-41.7%	908,518,115	889,226,616	2.2%
Equity Index Futures	48,117	79,550	-39.5%	41,480,805	60,754,725	-31.7%	858,579	1,092,527	-21.4%	405,333,987	357,041,773	13.5%
Metals Futures	7,525	16,332	-53.9%	8,398,284	6,973,251	20.4%	91,867	613,604	-85.0%	66,748,851	51,106,900	30.6%
Energy Futures	1,078	9,162	-88.2%	40,182,082	33,886,594	18.6%	25,763	172,944	-85.1%	306,052,224	250,274,970	22.3%
FX Futures	1,413	2,417	-41.5%	13,169,103	16,795,926	-21.6%	12,722	224,671	-94.3%	126,112,705	134,128,228	-6.0%
Commodities and Alternative Inve	98,534	171,467	-42.5%	21,345,283	21,622,428	-1.3%	906,038	2,920,665	-69.0%	185,073,280	167,684,791	10.4%
Foreign Exchange Futures	0	0	0.0%	0	0	0.0%	6	0	0.0%	4	64	-93.8%
TOTAL FUTURES	741,725	991,940	-25.2%	252,665,751	269,135,719	-6.1%	7,975,260	15,455,179	-48.4%	1,997,839,166	1,849,463,342	8.0%
TOTAL OPTIONS GROUP												
Equity Index Options	881,579	1,422,245	-38.0%	11,011,777	14,846,015	-25.8%	9,394,312	8,127,609	15.6%	92,362,663	85,092,681	8.5%
Interest Rate Options	15,202,664	18,661,058	-18.5%	12,805,495	12,223,744	4.8%	165,431,461	154,208,093	7.3%	112,734,074	92,752,944	21.5%
Metals Options	51,186	94,091	-45.6%	562,386	541,685	3.8%	618,373	838,416	-26.2%	5,489,035	4,146,856	32.4%
Energy Options	9,229	103,956	-91.1%	4,227,237	3,135,980	34.8%	264,158	1,283,600	-79.4%	28,337,731	20,055,239	41.3%
FX Options	14,874	51,288	-71.0%	1,126,220	1,680,824	-33.0%	213,169	488,709	-56.4%	11,963,504	14,436,374	-17.1%
Commodities and Alternative Inve	1,460,841	2,004,148	-27.1%	3,362,268	3,300,177	1.9%	14,797,014	18,152,877	-18.5%	31,890,458	27,290,082	16.9%
TOTAL OPTIONS	17,620,373	22,336,786	-21.1%	33,095,383	35,728,425	-7.4%	190,718,487	183,099,304	4.2%	282,777,465	243,774,176	16.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry AUG 2016	Open Outcry AUG 2015	% CHG	ELEC AUG 2016	ELEC AUG 2015	% CHG	Open Outcry Y.T.D 2016	Open Outcry Y.T.D 2015	% CHG	ELEC Y.T.D 2016	ELEC Y.T.D 2015	% CHG
TOTAL COMBINED												
Interest Rate	15,787,722	19,374,070	-18.5%	140,895,689	141,326,539	-0.3%	171,511,746	164,638,861	4.2%	1,021,252,189	981,979,560	4.0%
Equity Index	929,696	1,501,795	-38.1%	52,492,582	75,600,740	-30.6%	10,252,891	9,220,136	11.2%	497,696,650	442,134,454	12.6%
Metals	58,711	110,423	-46.8%	8,960,670	7,514,936	19.2%	710,240	1,452,020	-51.1%	72,237,886	55,253,756	30.7%
Energy	10,307	113,118	-90.9%	44,409,319	37,022,574	20.0%	289,921	1,456,544	-80.1%	334,389,955	270,330,209	23.7%
FX	16,287	53,705	-69.7%	14,295,323	18,476,750	-22.6%	225,891	713,380	-68.3%	138,076,209	148,564,602	-7.1%
Commodities and Alternative Inve	1,559,375	2,175,615	-28.3%	24,707,551	24,922,605	-0.9%	15,703,052	21,073,542	-25.5%	216,963,738	194,974,873	11.3%
Foreign Exchange	0	0	0.0%	0	0	0.0%	6	0	0.0%	4	64	-93.8%
GRAND TOTAL	18,362,098	23,328,726	-21.3%	285,761,134	304,864,144	-6.3%	198,693,747	198,554,483	0.1%	2,280,616,631	2,093,237,518	9.0%

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