

CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2016	Open Outcry SEP 2015	% CHG	ELEC SEP 2016	ELEC SEP 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	23,294	27,540	-15.4%	5,117,547	4,762,672	0.07	179,806	732,413	-75.5%	50,805,895	54,488,766	-6.8%
10-YR NOTE	122,974	147,132	-16.4%	23,101,233	21,402,265	0.08	1,283,201	2,800,030	-54.2%	250,498,462	246,575,880	1.6%
5-YR NOTE	23,744	26,736	-11.2%	11,565,628	11,923,521	-0.03	258,573	1,655,832	-84.4%	139,328,567	138,011,213	1.0%
2-YR NOTE	80	8,616	-99.1%	5,309,288	5,227,716	0.02	8,093	893,398	-99.1%	56,438,861	61,254,153	-7.9%
FED FUND	0	0	0.0%	3,739,761	3,007,845	0.24	0	8,376	-100.0%	25,427,552	14,708,605	72.9%
EUROYEN	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
EURODOLLARS	388,932	411,763	-5.5%	48,518,680	46,639,587	0.04	4,909,542	4,535,547	8.2%	455,873,018	447,294,126	1.9%
5-YR SWAP RATE	0	0	0.0%	78,931	108,164	-0.27	0	0	0.0%	529,362	494,391	7.1%
2-YR SWAP RATE	0	0	0.0%	1	2,027	-1	0	35	-100.0%	4,414	24,299	-81.8%
10-YR SWAP RATE	0	0	0.0%	78,054	109,054	-0.28	0	2,652	-100.0%	416,821	489,845	-14.9%
7-YR SWAP	0	0	0.0%	0	190	-1	0	0	0.0%	3,052	190	1,506.3%
1-MONTH EURODOLLAR	0	0	0.0%	587	3,552	-0.83	0	0	0.0%	10,321	47,122	-78.1%
ULTRA T-BOND	60	0	0.0%	1,674,138	1,765,401	-0.05	126	424,211	-100.0%	19,588,832	20,762,657	-5.7%
Ultra 10-Year Note	0	-	-	1,398,688	-	-	28	-	-	10,162,190	-	-
30-YR SWAP RATE	0	0	0.0%	2,370	2,944	-0.19	0	61	-100.0%	15,674	29,506	-46.9%
2YR BUNDLE	0	0	0.0%	0	0	0	0	0	0.0%	0	595	-100.0%
3YR BUNDLE	0	0	0.0%	0	0	0	0	0	0.0%	0	168	-100.0%
EURO 5YR BUNDLE	0	0	0.0%	0	0	0	0	0	0.0%	0	38	-100.0%
Interest Rate Options												
30-YR BOND	413,748	499,567	-17.2%	1,697,213	1,314,895	0.29	2,608,399	4,702,420	-44.5%	13,013,174	12,067,373	7.8%
10-YR NOTE	1,885,921	2,372,538	-20.5%	5,179,884	4,308,419	0.2	20,462,104	28,619,530	-28.5%	46,861,256	49,105,685	-4.6%
5-YR NOTE	581,763	629,810	-7.6%	1,176,052	1,243,876	-0.05	5,842,962	5,671,321	3.0%	11,891,298	10,173,509	16.9%
2-YR NOTE	25,181	177,968	-85.9%	144,287	180,772	-0.2	372,141	841,852	-55.8%	963,337	1,172,812	-17.9%
FED FUND	15,376	32,150	-52.2%	2,569	3,185	-0.19	68,001	239,486	-71.6%	13,309	22,943	-42.0%
FLEX 30-YR BOND	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
EURODOLLARS	9,247,607	8,412,240	9.9%	2,908,881	2,073,257	0.4	94,436,735	62,726,112	50.6%	26,844,614	12,935,415	107.5%
EURO MIDCURVE	4,635,093	6,108,885	-24.1%	2,092,468	1,954,962	0.07	58,428,946	69,598,490	-16.0%	26,312,070	18,305,945	43.7%
ULTRA T-BOND	4,827	1,186	307.0%	9,970	1,852	4.38	18,414	43,226	-57.4%	41,499	50,480	-17.8%
Ultra 10-Year Note	2,300	-	-	10,655	-	-	5,575	-	-	15,496	-	-

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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%	4,032,267	4,641,717	-0.13	0	0	0.0%	32,363,163	31,040,401	4.3%
E-MINI S&P500	0	0	0.0%	49,659,658	48,830,003	0.02	0	0	0.0%	364,822,476	320,920,612	13.7%
S&P 500	219,948	313,121	-29.8%	9,160	18,722	-0.51	1,078,527	1,372,124	-21.4%	93,799	151,020	-37.9%
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%	596,353	605,389	-0.01	0	0	0.0%	3,999,416	3,945,925	1.4%
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%	41	95	-0.57	0	0	0.0%	208	324	-35.8%
S&P 500/VALUE	0	0	0.0%	553	48	10.52	0	0	0.0%	27,202	286	9,411.2%
E-MINI RUSSELL 1000	0	0	0.0%	243	3	80	0	0	0.0%	4,023	3	134,000.0%
E-MINI NASDAQ 100	0	0	0.0%	6,499,531	7,241,393	-0.1	0	0	0.0%	50,599,592	50,513,424	0.2%
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%	324,186	522,665	-0.38	0	0	0.0%	3,493,173	3,344,369	4.4%
NIKKEI 225 (YEN) STOCK	0	0	0.0%	1,141,610	1,539,598	-0.26	0	0	0.0%	11,554,601	10,099,601	14.4%
DJ US REAL ESTATE	0	0	0.0%	19,674	12,670	0.55	0	0	0.0%	105,641	86,152	22.6%
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	328	-1	0	0	0.0%	0	1,018	-100.0%
S&P CONSUMER STAPLES SE	0	0	0.0%	13,881	7,057	0.97	0	0	0.0%	69,670	34,685	100.9%
S&P HEALTH CARE SECTOR	0	0	0.0%	9,569	11,754	-0.19	0	0	0.0%	70,262	79,329	-11.4%
S&P TECHNOLOGY SECTOR	0	0	0.0%	9,621	2,799	2.44	0	0	0.0%	45,769	23,655	93.5%
S&P INDUSTRIAL SECTOR	0	0	0.0%	3,971	7,908	-0.5	0	0	0.0%	25,502	25,529	-0.1%
S&P CONSUMER DSCRTNRY S	0	0	0.0%	6,360	9,088	-0.3	0	0	0.0%	43,952	53,583	-18.0%
S&P UTILITIES SECTOR	0	0	0.0%	12,744	10,958	0.16	0	0	0.0%	107,639	80,983	32.9%
S&P FINANCIAL SECTOR	0	0	0.0%	11,996	4,395	1.73	0	0	0.0%	63,002	21,622	191.4%
S&P ENERGY SECTOR	0	0	0.0%	15,798	7,492	1.11	0	0	0.0%	84,752	55,496	52.7%
S&P MATERIALS SECTOR	0	0	0.0%	6,833	4,771	0.43	0	0	0.0%	40,602	28,974	40.1%
E-MINI RUSSELL 1000 GROWT	0	0	0.0%	255	3	84	0	0	0.0%	2,610	3	86,900.0%
FT-SE 100	0	-	-	1,434	-		0	-	-	15,395	-	-
IBOVESPA INDEX	0	0	0.0%	519	427	0.22	0	0	0.0%	5,998	3,593	66.9%
E-MINI RUSSELL 1000 VALUE	0	0	0.0%	306	3	101	0	0	0.0%	4,305	3	143,400.0%
NIFTY 50	0	0	0.0%	22,979	3,845	4.98	0	0	0.0%	90,777	10,781	742.0%

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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%	5,410	12,809	-0.58	0	0	0.0%	102,449	104,464	-1.9%
E-MINI S&P500	0	200	-100.0%	4,566,839	6,618,778	-0.31	110,315	168,705	-34.6%	46,186,264	58,339,600	-20.8%
S&P 500	208,661	692,592	-69.9%	0	0	0	4,888,093	6,911,638	-29.3%	0	106	-100.0%
E-MINI MIDCAP	0	0	0.0%	1	0	0	0	0	0.0%	17	28	-39.3%
E-MINI NASDAQ 100	0	0	0.0%	226,932	77,561	1.93	0	0	0.0%	2,014,119	1,013,251	98.8%
NASDAQ	0	0	0.0%	0	0	0	0	30	-100.0%	0	0	0.0%
EOM S&P 500	232,428	116,887	98.8%	0	0	0	1,601,900	961,165	66.7%	0	0	0.0%
EOM EMINI S&P	0	0	0.0%	2,454,627	1,074,248	1.28	0	1,500	-100.0%	15,042,883	10,074,901	49.3%
EOW1 S&P 500	67,367	37,567	79.3%	0	0	0	532,139	291,666	82.4%	0	0	0.0%
EOW1 EMINI S&P 500	0	0	0.0%	1,081,353	1,414,464	-0.24	0	3,000	-100.0%	8,773,016	8,877,381	-1.2%
EOW2 S&P 500	154,814	61,866	150.2%	0	0	0	1,178,766	694,485	69.7%	0	0	0.0%
EOW2 EMINI S&P 500	0	0	0.0%	1,216,922	1,227,662	-0.01	0	0	0.0%	9,083,066	9,278,902	-2.1%
EOW4 EMINI S&P 500	0	0	0.0%	1,605,212	1,142,591	0.4	0	4,500	-100.0%	10,267,526	8,972,161	14.4%
EOW3 S&P 500	319,152	-	-	0	-	-	2,038,521	-	-	0	-	-
EOW3 EMINI S&P 500	0	-	-	3,617,473	-	-	27,000	-	-	15,668,092	-	-

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Metals Futures												
COMEX GOLD	5,793	11,382	-49.1%	3,772,545	2,755,789	0.37	88,064	286,964	-69.3%	40,819,895	30,107,783	35.6%
E-MINI SILVER	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
COMEX MINY COPPER	0	0	0.0%	271	501	-0.46	0	0	0.0%	4,804	7,652	-37.2%
COMEX SILVER	777	1,200	-35.3%	1,266,361	798,310	0.59	9,422	77,723	-87.9%	13,172,064	9,806,879	34.3%
COMEX COPPER	0	0	0.0%	1,285,331	1,182,664	0.09	850	260,899	-99.7%	14,890,729	12,499,587	19.1%
NYMEX HOT ROLLED STEEL	0	0	0.0%	153	92	0.66	0	0	0.0%	4,189	1,233	239.7%
NYMEX PLATINUM	0	0	0.0%	435,305	423,839	0.03	38	224	-83.0%	2,783,872	2,561,824	8.7%
URANIUM	0	0	0.0%	0	0	0	0	0	0.0%	993	1,548	-35.9%
PALLADIUM	0	0	0.0%	84,492	81,885	0.03	63	376	-83.2%	965,115	964,956	0.0%
E-MICRO GOLD	0	0	0.0%	45,233	30,689	0.47	0	0	0.0%	769,205	271,398	183.4%
ALUMINUM	0	0	0.0%	572	84	5.81	0	0	0.0%	9,414	2,536	271.2%
COPPER	0	0	0.0%	0	0	0	0	0	0.0%	0	1	-100.0%
SILVER	0	0	0.0%	7,214	4,927	0.46	0	0	0.0%	77,976	73,780	5.7%
Gold Kilo	0	0	0.0%	3,914	4,614	-0.15	0	0	0.0%	43,935	32,931	33.4%
COMEX E-Mini SILVER	0	0	0.0%	1,068	462	1.31	0	0	0.0%	11,246	7,861	43.1%
COMEX E-Mini GOLD	0	0	0.0%	9,810	6,402	0.53	0	0	0.0%	98,442	52,070	89.1%
Aluminium MW Trans Prem Platts	0	0	0.0%	120	29	3.14	0	0	0.0%	4,690	4,961	-5.5%
LNDN ZINC	0	0	0.0%	0	137	-1	0	0	0.0%	200	324	-38.3%
METALS	0	-	-	10	-		0	-	-	25	-	-
FERROUS PRODUCTS	0	0	0.0%	0	8	-1	0	0	0.0%	0	8	-100.0%
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%	342	3	113	0	0	0.0%	4,798	3	159,833.3%
IRON ORE 58 CHINA TSI FUTU	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%

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Metals Options												
COMEX GOLD	27,785	68,793	-59.6%	474,094	376,429	0.26	576,161	782,726	-26.4%	5,124,702	3,789,234	35.2%
COMEX SILVER	5,218	6,053	-13.8%	119,932	68,204	0.76	71,014	117,853	-39.7%	902,812	772,935	16.8%
COMEX COPPER	115	161	-28.6%	3,072	1,899	0.62	1,188	7,419	-84.0%	21,368	11,935	79.0%
NYMEX PLATINUM	64	41	56.1%	1,173	615	0.91	2,254	2,156	4.5%	6,902	4,041	70.8%
PALLADIUM	0	0	0.0%	287	348	-0.18	322	1,192	-73.0%	2,281	2,591	-12.0%
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	50	300	-83.3%	3,227	1,654	0.95	666	2,408	-72.3%	32,506	14,126	130.1%
COPPER	0	0	0.0%	0	0	0	0	0	0.0%	0	10	-100.0%
SILVER	0	0	0.0%	547	4	135.75	0	10	-100.0%	796	1,137	-30.0%
IRON ORE 62 CHINA TSI CALL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
IRON ORE 62 CHINA TSI PUT O	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
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%	403	0	0	0	0	0.0%	920	61	1,408.2%
NORTHWEST ROCKIES BASIS	0	0	0.0%	1,209	0	0	0	0	0.0%	1,945	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%	40,781	1,439	27.34	800	1,013	-21.0%	165,587	25,717	543.9%
HTG OIL	0	0	0.0%	0	0	0	36	0	0.0%	0	0	0.0%
LTD NAT GAS	0	0	0.0%	64,847	77,400	-0.16	0	549	-100.0%	643,609	575,637	11.8%
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%	1,550,231	1,885,742	-0.18	344	0	0.0%	17,358,138	19,976,146	-13.1%
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 SEP 2016	Open Outcry SEP 2015	% CHG	ELEC SEP 2016	ELEC SEP 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 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%
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 SEP 2016	Open Outcry SEP 2015	% CHG	ELEC SEP 2016	ELEC SEP 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	25	214	-88.3%	3,036,690	2,643,927	0.15	786	4,704	-83.3%	26,981,894	24,821,342	8.7%
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%	5	7	-0.29	0	0	0.0%	88	76	15.8%
WAHA BASIS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MINY NATURAL GAS	0	0	0.0%	21,907	17,870	0.23	0	0	0.0%	220,488	242,926	-9.2%
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 SEP 2016	Open Outcry SEP 2015	% CHG	ELEC SEP 2016	ELEC SEP 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%	0	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 SEP 2016	Open Outcry SEP 2015	% CHG	ELEC SEP 2016	ELEC SEP 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	40	50	-20.0%	4,286,174	2,694,416	0.59	509	3,154	-83.9%	32,417,870	28,063,506	15.5%
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%	306,798	255,324	0.2	0	0	0.0%	2,621,006	2,533,872	3.4%
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	5	14,942	-100.0%	7,425,242	5,484,553	0.35	1,538	37,359	-95.9%	66,468,497	57,507,468	15.6%
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	483	9,096	-94.7%	23,781,414	16,041,765	0.48	19,631	129,475	-84.8%	196,625,316	145,278,901	35.3%
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 SEP 2016	Open Outcry SEP 2015	% CHG	ELEC SEP 2016	ELEC SEP 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%	398	2,679	-0.85	0	0	0.0%	10,482	6,552	60.0%
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%	8	4	1	0	0	0.0%	42	43	-2.3%
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	24	-100.0%	9	0	0	39	170	-77.1%	12	11	9.1%
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%	186	0	0	0	0	0.0%	735	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%	93	0	0	0	0	0.0%	336	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 SEP 2016	Open Outcry SEP 2015	% CHG	ELEC SEP 2016	ELEC SEP 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%	31	0	0	0	0	0.0%	732	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%
DEMARC SWING SWAP	0	-	-	0	-		0	-	-	0	-	-
CENTERPOINT EAST INDEX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CRUDE OIL	0	0	0.0%	0	0	0	0	0	0.0%	0	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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2016	Open Outcry SEP 2015	% CHG	ELEC SEP 2016	ELEC SEP 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												
EUROPEAN NAPHTHA CRACK S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EURO GASOIL 10PPM VS ICE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
JET CIF NWE VS ICE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
JET BARGES VS ICE GASOIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE GASOIL VS ICE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NATURAL GAS PEN SWP	0	248	-100.0%	0	0	0	92	20,824	-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%	0	0	0	0	0	0.0%	0	0	0.0%
AEP-DAYTON HUB MTHLY	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
FUELOIL SWAP:CARGOES VS.	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EAST/WEST FUEL OIL SPREAD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE 380CST FUEL OIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2016	Open Outcry SEP 2015	% CHG	ELEC SEP 2016	ELEC SEP 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												
GULF COAST ULSD CRACK SP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HENRY HUB SWAP	0	0	0.0%	167,389	52,931	2.16	1,472	236	523.7%	1,756,044	309,743	466.9%
DUBAI CRUDE OIL CALENDAR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
USGC UNL 87 CRACK SPREAD	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NYH NO 2 CRACK SPREAD CA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NO 2 UP-DOWN SPREAD CALE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE MOGAS 92 UNLEA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ETHANOL T2 FOB ROTT INCL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE MOGAS 92 UNLEA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PROPANE NON-LDH MT. BEL (0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PROPANE NON-LDH MB (OPIS)	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NY JET FUEL (PLATTS) HEAT C	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
JET AV FUEL (P) CAR FM ICE G	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
FUEL OIL (PLATS) CAR CM	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
FUEL OIL (PLATS) CAR CN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NY 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%	19	8	1.38	0	0	0.0%	158	120	31.7%
EUROPEAN GASOIL (ICE)	0	0	0.0%	6,428	35,434	-0.82	0	0	0.0%	1,467,529	125,797	1,066.6%
ERCOT NORTH ZMCPE 5MW O	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ERCOT NORTH ZMCPE 5MW O	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ERCOT NORTH ZMCPE 5MW P	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2016	Open Outcry SEP 2015	% CHG	ELEC SEP 2016	ELEC SEP 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												
SINGAPORE JET KERO VS. GA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MONT BELVIEU NORMAL BUTA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MONT BELVIEU ETHANE OPIS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MONT BELVIEU NATURAL GAS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MONT BELVIEU LDH PROPANE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CONWAY NORMAL BUTANE (O	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CONWAY NATURAL GASOLINE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CONWAY PROPANE 5 DECIMA	0	0	0.0%	0	0	0	0	0	0.0%	0	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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2016	Open Outcry SEP 2015	% CHG	ELEC SEP 2016	ELEC SEP 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												
CRUDE OIL SPRDS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM APS ZONE DA PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ELEC FINSETTLED	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM APS ZONE DA OFF-PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NAT GAS BASIS SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PLASTICS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PETRO OUTRIGHT NA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MNC FUT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MCCLOSKEY ARA ARGS COAL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MCCLOSKEY RCH BAY COAL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
TRANSCO ZONE 6 PIPE SWAP	0	0	0.0%	0	0	0	0	0	0.0%	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%
VENTURA NAT GAS PLATTS FI	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%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2016	Open Outcry SEP 2015	% CHG	ELEC SEP 2016	ELEC SEP 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												
DIESEL10PPM BARG VS ICE LS	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%
SUMAS NAT GAS PLATTS FIXE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EURO-DENOMINATED PETRO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PETROLEUM PRODUCTS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
3.5% FUEL OIL CIF BALMO S	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CANADIAN LIGHT SWEET OIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MICHIGAN MISO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
DLY GAS EURO-BOB OXY	0	-	-	0	-		0	-	-	0	-	-
MINI RBOB V. EBOBARG NWE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MINI RBOB V. EBOB(ARGUS) N	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CRUDE OIL TRADE AT MARKE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MGF FUT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NATURAL GAS INDEX	0	0	0.0%	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%
NEW YORK HUB ZONE J PEAK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM ATSI ELEC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
EU LOW SULPHUR GASOIL CR	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CENTER POINT NAT GAS FIXE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ELEC ERCOT DLY OFF PK	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CHICAGO ULSD (PLATTS) SWA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NY HARBOR LOW SULPUR GA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MINI GAS EUROBOB OXY NWE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
COLUMBIA GULF NAT GAS FIX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
MGN1 SWAP FUT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
GROUP THREE ULSD (PLATTS)	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
UCM FUT	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
DY EURO 3.5% FUEL OI RDA	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
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 SEP 2016	Open Outcry SEP 2015	% CHG	ELEC SEP 2016	ELEC SEP 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	8	-50.0%	6,712	4	1,677	9,905	2,289	332.7%	16,815	12	140,025.0%
BRENT CALENDAR SWAP	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE JET FUEL CALEN	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
ROTTERDAM 3.5%FUEL OIL CL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
SINGAPORE FUEL OIL 180 CS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
HEATING OIL PHY	510	1,362	-62.6%	4,410	4,200	0.05	6,618	22,560	-70.7%	60,516	52,542	15.2%
HENRY HUB FINANCIAL LAST	26	0	0.0%	0	0	0	26	0	0.0%	0	0	0.0%
RBOB PHY	238	457	-47.9%	8,452	3,569	1.37	8,239	15,031	-45.2%	71,422	61,968	15.3%
NATURAL GAS PHY	1,374	37,442	-96.3%	790,509	286,465	1.76	20,178	240,855	-91.6%	6,112,741	1,903,132	221.2%
CRUDE OIL APO	18	2	800.0%	0	0	0	7,177	505	1,321.2%	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%	0	0	0	0	3,000	-100.0%	26,126	0	0.0%
CRUDE OIL PHY	3,744	53,432	-93.0%	3,094,273	2,252,165	0.37	215,486	1,084,939	-80.1%	25,482,756	20,518,069	24.2%
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	174	245	-29.0%	0	0	0	1,517	1,673	-9.3%	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	0	0	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%	62,450	4,875	11.81	100	4,600	-97.8%	534,145	68,742	677.0%
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

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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	1	-1	0	0	0.0%	10	37	-73.0%
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%
HEATING OIL CRK SPD AVG P	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%
PJM ELECTRIC	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM WES HUB PEAK CAL MTH	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PJM WES HUB PEAK LMP 50M	0	-	-	0	-		0	-	-	0	-	-
LLS CRUDE OIL	0	-	-	0	-		0	-	-	0	-	-
EURO-DENOMINATED PETRO	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
COAL API2 INDEX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2016	Open Outcry SEP 2015	% CHG	ELEC SEP 2016	ELEC SEP 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												
GASOLINE	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
COAL API4 INDEX	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
1 MO GASOIL CAL SWAP SPR	0	-	-	0	-		0	-	-	0	-	-
WTI CRUDE OIL 12 M CSO F	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
FX Futures												
AUSTRALIAN DOLLAR	475	61	678.7%	2,444,885	2,105,205	0.16	1,452	6,003	-75.8%	19,328,801	18,090,049	6.8%
BRITISH POUND	139	106	31.1%	2,533,332	2,127,590	0.19	860	10,735	-92.0%	21,082,346	18,928,072	11.4%
BRAZIL REAL	0	0	0.0%	44,424	34,138	0.3	0	30	-100.0%	432,269	339,527	27.3%
CANADIAN DOLLAR	0	101	-100.0%	1,856,703	1,696,430	0.09	747	7,398	-89.9%	14,130,042	13,272,298	6.5%
E-MINI EURO FX	0	0	0.0%	69,816	113,864	-0.39	0	0	0.0%	693,927	1,179,190	-41.2%
EURO FX	462	1,013	-54.4%	4,646,369	5,446,167	-0.15	7,408	52,559	-85.9%	36,197,511	50,346,253	-28.1%
E-MINI JAPANESE YEN	0	0	0.0%	31,266	24,396	0.28	0	0	0.0%	307,573	170,203	80.7%
JAPANESE YEN	274	291	-5.8%	3,253,124	3,897,265	-0.17	3,599	26,168	-86.2%	27,109,717	27,700,388	-2.1%
MEXICAN PESO	0	0	0.0%	1,705,434	1,121,954	0.52	0	120,694	-100.0%	10,408,534	8,130,929	28.0%
NEW ZEALND DOLLAR	0	0	0.0%	707,966	435,784	0.62	0	732	-100.0%	4,279,361	3,800,755	12.6%
NKR/USD CROSS RATE	0	0	0.0%	3,879	2,293	0.69	0	0	0.0%	15,590	9,771	59.6%
RUSSIAN RUBLE	0	0	0.0%	31,588	16,582	0.9	0	4	-100.0%	247,712	153,381	61.5%
S.AFRICAN RAND	0	0	0.0%	33,711	33,292	0.01	0	806	-100.0%	154,151	141,630	8.8%
SWISS FRANC	0	0	0.0%	580,259	422,618	0.37	0	1,073	-100.0%	4,250,549	4,122,732	3.1%
AD/CD CROSS RATES	0	0	0.0%	13	15	-0.13	0	0	0.0%	50	209	-76.1%
AD/JY CROSS RATES	0	0	0.0%	3,850	5,001	-0.23	0	0	0.0%	35,487	33,480	6.0%
AD/NE CROSS RATES	0	0	0.0%	41	27	0.52	0	0	0.0%	670	498	34.5%
BP/JY CROSS RATES	0	0	0.0%	2,432	1,245	0.95	0	0	0.0%	17,304	10,522	64.5%
BP/SF CROSS RATES	0	0	0.0%	50	55	-0.09	0	0	0.0%	366	1,463	-75.0%
CD/JY CROSS RATES	0	0	0.0%	1	78	-0.99	0	0	0.0%	11	227	-95.2%
EC/AD CROSS RATES	0	0	0.0%	3,608	5,664	-0.36	0	0	0.0%	16,222	16,732	-3.0%
EC/CD CROSS RATES	0	0	0.0%	5,124	3,461	0.48	0	0	0.0%	23,047	22,978	0.3%
EC/NOK CROSS RATES	0	0	0.0%	2	16	-0.88	0	21	-100.0%	9	34	-73.5%
EC/SEK CROSS RATES	0	0	0.0%	109	91	0.2	0	0	0.0%	600	645	-7.0%
EFX/BP CROSS RATES	0	0	0.0%	91,066	78,224	0.16	0	0	0.0%	641,246	540,457	18.6%

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CME Group Exchange Volume Comparison Report - Monthly

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FX Futures												
EFX/JY CROSS RATES	0	0	0.0%	56,243	58,948	-0.05	0	0	0.0%	362,006	396,431	-8.7%
EFX/SF CROSS RATES	0	0	0.0%	37,798	34,497	0.1	0	0	0.0%	279,090	275,017	1.5%
SF/JY CROSS RATES	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
SKR/USD CROSS RATES	0	0	0.0%	2,472	2,014	0.23	0	20	-100.0%	13,916	10,639	30.8%
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%
POLISH ZLOTY (US)	0	0	0.0%	675	98	5.89	0	0	0.0%	4,320	1,094	294.9%
POLISH ZLOTY (EC)	0	0	0.0%	7	0	0	0	0	0.0%	4,604	0	0.0%
SHEKEL	0	0	0.0%	0	3	-1	0	0	0.0%	0	6	-100.0%
RMB USD	0	0	0.0%	63	638	-0.9	6	0	0.0%	1,733	4,245	-59.2%
KOREAN WON	0	0	0.0%	43	80	-0.46	0	0	0.0%	167	261	-36.0%
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%	258,466	383,190	-0.33	0	0	0.0%	2,534,049	3,379,279	-25.0%
E-MICRO GBP/USD	0	0	0.0%	95,147	43,215	1.2	0	0	0.0%	702,641	388,010	81.1%
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	26	-1	0	0	0.0%	4	102	-96.1%
E-MICRO AUD/USD	0	0	0.0%	121,550	67,600	0.8	0	0	0.0%	922,033	496,251	85.8%
MICRO CHF/USD	0	0	0.0%	1,610	2,537	-0.37	0	0	0.0%	17,167	21,253	-19.2%
E-MICRO JPY/USD	0	0	0.0%	32,044	19,316	0.66	0	0	0.0%	266,717	125,180	113.1%
E-MICRO INR/USD	0	0	0.0%	4,820	112	42.04	0	0	0.0%	18,982	2,288	729.6%
FCXRX	0	-	-	827	-		0	-	-	1,295	-	-
E-MICRO USD/CNH	0	0	0.0%	0	4	-1	0	0	0.0%	61	295	-79.3%
CHINESE RENMINBI (CNH)	0	0	0.0%	1,070	2,092	-0.49	0	0	0.0%	11,975	7,213	66.0%
E-MICRO CAD/USD	0	0	0.0%	24,898	15,538	0.6	0	0	0.0%	188,682	118,031	59.9%
INDIAN RUPEE	0	0	0.0%	12,914	12,783	0.01	0	0	0.0%	109,838	103,850	5.8%
USDZAR	0	0	0.0%	0	12	-1	0	0	0.0%	6	480	-98.8%
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

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FX Options												
AUSTRALIAN DOLLAR	3,247	274	1,085.0%	136,076	143,982	-0.05	12,506	23,684	-47.2%	1,220,008	1,177,011	3.7%
BRITISH POUND	3,333	11,924	-72.0%	158,012	164,861	-0.04	31,963	99,449	-67.9%	1,756,227	1,996,959	-12.1%
BRAZIL REAL	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
CANADIAN DOLLAR	324	2,516	-87.1%	111,689	107,323	0.04	23,453	24,758	-5.3%	1,245,834	1,034,024	20.5%
EURO FX	3,006	17,959	-83.3%	422,912	671,786	-0.37	97,134	270,460	-64.1%	6,023,780	9,354,064	-35.6%
JAPANESE YEN	3,393	11,051	-69.3%	227,770	270,443	-0.16	59,911	107,600	-44.3%	2,650,794	2,054,884	29.0%
MEXICAN PESO	1,090	0	0.0%	7,140	769	8.28	2,323	2,410	-3.6%	27,118	10,035	170.2%
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	54	-100.0%	4,466	7,491	-0.4	272	4,116	-93.4%	57,663	121,254	-52.4%
JAPANESE YEN (EU)	0	0	0.0%	1	719	-1	0	3	-100.0%	5,899	3,579	64.8%
EURO FX (EU)	0	0	0.0%	66	2,182	-0.97	0	5	-100.0%	28,379	46,554	-39.0%
SWISS FRANC (EU)	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%
CANADIAN DOLLAR (EU)	0	0	0.0%	3	10	-0.7	0	0	0.0%	1,789	1,366	31.0%
BRITISH POUND (EU)	0	0	0.0%	16	201	-0.92	0	2	-100.0%	9,082	5,437	67.0%
AUSTRALIAN DLR (EU)	0	0	0.0%	0	196	-1	0	0	0.0%	1,146	1,157	-1.0%
EUR/USD PQO 2pm Fix	512	-	-	47,606	-	-	512	-	-	49,045	-	-
CAD/USD PQO 2pm Fix	0	-	-	20,320	-	-	0	-	-	20,915	-	-
JPY/USD PQO 2pm Fix	19	-	-	29,933	-	-	19	-	-	30,466	-	-
AUD/USD PQO 2pm Fix	300	-	-	11,258	-	-	300	-	-	11,739	-	-
GBP/USD PQO 2pm Fix	40	-	-	23,470	-	-	40	-	-	24,271	-	-
CHF/USD PQO 2pm Fix	0	-	-	967	-	-	0	-	-	1,039	-	-
OTC AUDUSD SUB	0	-	-	2,422	-	-	0	-	-	2,437	-	-
Commodities and Alternative Investments												
Futures												
CORN	27,365	35,934	-23.8%	4,319,333	4,660,357	-0.07	386,797	1,132,495	-65.8%	65,444,251	60,930,436	7.4%
SOYBEAN	11,721	29,657	-60.5%	3,208,008	3,511,778	-0.09	276,959	555,103	-50.1%	44,840,561	37,361,080	20.0%
SOYBEAN MEAL	2,929	6,154	-52.4%	1,662,128	1,855,031	-0.1	44,116	149,646	-70.5%	19,002,930	17,043,504	11.5%
SOYBEAN OIL	3,439	4,995	-31.2%	2,085,101	2,124,885	-0.02	39,925	131,053	-69.5%	20,722,400	20,152,998	2.8%
OATS	0	0	0.0%	8,039	7,296	0.1	60	553	-89.2%	160,466	128,862	24.5%
ROUGH RICE	0	0	0.0%	10,867	16,609	-0.35	0	996	-100.0%	213,499	208,656	2.3%

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CME Group Exchange Volume Comparison Report - Monthly

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Commodities and Alternative Investments												
Futures												
MINI CORN	0	0	0.0%	8,422	8,758	-0.04	0	1,409	-100.0%	107,681	103,083	4.5%
MINI SOYBEAN	0	0	0.0%	17,309	15,841	0.09	0	3,129	-100.0%	208,263	170,725	22.0%
MINI WHEAT	0	0	0.0%	5,032	5,785	-0.13	0	489	-100.0%	58,797	66,035	-11.0%
LIVE CATTLE	2,916	4,758	-38.7%	1,332,789	1,339,058	0	32,189	390,815	-91.8%	9,726,045	9,421,510	3.2%
FEEDER CATTLE	68	77	-11.7%	248,437	221,745	0.12	280	42,643	-99.3%	1,894,001	1,785,228	6.1%
LEAN HOGS	2,786	3,459	-19.5%	842,493	740,627	0.14	19,408	308,296	-93.7%	6,647,398	7,139,052	-6.9%
LUMBER	0	0	0.0%	13,199	15,461	-0.15	0	1,357	-100.0%	130,982	150,659	-13.1%
MILK	253	53	377.4%	27,761	19,899	0.4	873	3,177	-72.5%	230,041	205,949	11.7%
MLK MID	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
NFD MILK	0	0	0.0%	2,798	4,661	-0.4	0	262	-100.0%	41,937	32,557	28.8%
BUTTER CS	0	0	0.0%	3,607	2,018	0.79	0	0	0.0%	27,902	24,328	14.7%
CLASS IV MILK	0	0	0.0%	1,548	1,691	-0.08	0	149	-100.0%	9,406	8,416	11.8%
DRY WHEY	0	0	0.0%	1,140	1,421	-0.2	0	0	0.0%	10,546	14,613	-27.8%
GSCI EXCESS RETURN FUT	0	0	0.0%	300	34	7.82	0	0	0.0%	1,119	255	338.8%
GOLDMAN SACHS	0	0	0.0%	31,904	32,727	-0.03	0	6,135	-100.0%	251,866	257,721	-2.3%
ETHANOL	0	0	0.0%	12,985	10,947	0.19	0	0	0.0%	126,123	151,387	-16.7%
HDD WEATHER	0	0	0.0%	200	25	7	0	0	0.0%	278	77	261.0%
CDD WEATHER	0	0	0.0%	0	0	0	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%	11	3	2.67	0	0	0.0%	79	57	38.6%
DOW-UBS COMMOD INDEX	0	0	0.0%	59,797	65,364	-0.09	0	0	0.0%	305,684	268,423	13.9%
COTTON	0	0	0.0%	19	17	0.12	0	0	0.0%	566	509	11.2%
COCOA TAS	0	0	0.0%	516	97	4.32	0	0	0.0%	2,550	974	161.8%
COFFEE	0	0	0.0%	22	36	-0.39	0	0	0.0%	165	548	-69.9%
SUGAR 11	0	0	0.0%	12	38	-0.68	0	0	0.0%	413	1,128	-63.4%
USD CRUDE PALM OIL	0	-	-	0	-		0	-	-	0	-	-
CASH-SETTLED CHEESE	0	0	0.0%	8,349	9,932	-0.16	6	0	0.0%	93,039	82,642	12.6%
OTC SP GSCI ER SWAP	-	0	0.0%	-	0	0	-	0	0.0%	-	0	0.0%

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CME Group Exchange Volume Comparison Report - Monthly

	Open Outcry SEP 2016	Open Outcry SEP 2015	% CHG	ELEC SEP 2016	ELEC SEP 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												
Futures												
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 PRODUCTS	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
CHI WHEAT	8,050	18,041	-55.4%	1,440,383	1,890,070	-0.24	153,018	278,739	-45.1%	23,683,642	23,545,318	0.6%
DJ_UBS ROLL SELECT INDEX	0	0	0.0%	0	0	0	0	0	0.0%	0	6	-100.0%
KC WHEAT	151	856	-82.4%	465,204	357,614	0.3	12,085	18,203	-33.6%	6,947,813	5,347,514	29.9%
Intercommodity Spread	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
PALM OIL	0	0	0.0%	0	0	0	0	0	0.0%	0	0	0.0%
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	431,504	647,288	-33.3%	919,378	1,168,985	-0.21	6,629,868	8,063,336	-17.8%	12,177,979	11,850,142	2.8%
SOYBEAN	260,574	450,966	-42.2%	898,062	973,489	-0.08	4,128,607	5,247,726	-21.3%	12,424,116	9,414,908	32.0%
SOYBEAN MEAL	41,658	98,290	-57.6%	88,974	126,536	-0.3	585,985	883,666	-33.7%	1,246,371	1,322,068	-5.7%
SOYBEAN OIL	79,640	72,356	10.1%	77,078	66,630	0.16	862,704	924,234	-6.7%	909,542	512,169	77.6%
SOYBEAN CRUSH	66	350	-81.1%	0	0	0	4,684	1,265	270.3%	0	0	0.0%
OATS	216	1,159	-81.4%	583	374	0.56	4,684	11,109	-57.8%	6,276	5,331	17.7%
ROUGH RICE	16	631	-97.5%	842	1,336	-0.37	2,214	5,207	-57.5%	14,210	11,095	28.1%
WHEAT	0	0	0.0%	0	0	0	0	485	-100.0%	0	0	0.0%
LIVE CATTLE	79,535	169,838	-53.2%	251,579	277,021	-0.09	1,081,627	854,419	26.6%	2,160,151	1,810,381	19.3%
FEEDER CATTLE	6,405	4,194	52.7%	31,827	38,103	-0.16	40,455	32,218	25.6%	273,424	290,584	-5.9%
LEAN HOGS	59,105	50,006	18.2%	254,285	160,185	0.59	343,361	517,288	-33.6%	1,289,343	1,578,568	-18.3%
LUMBER	0	0	0.0%	1,346	958	0.41	105	18	483.3%	8,593	10,569	-18.7%
MILK	19,018	8,039	136.6%	24,052	9,778	1.46	115,050	92,256	24.7%	148,417	114,385	29.8%
MLK MID	67	83	-19.3%	0	0	0	539	362	48.9%	0	0	0.0%
NFD MILK	875	2,730	-67.9%	1,084	278	2.9	18,517	27,759	-33.3%	10,326	2,259	357.1%
BUTTER CS	834	592	40.9%	204	278	-0.27	8,937	9,238	-3.3%	1,873	1,896	-1.2%
CLASS IV MILK	479	1,324	-63.8%	1,560	107	13.58	2,429	4,382	-44.6%	7,402	1,624	355.8%
DRY WHEY	30	128	-76.6%	0	4	-1	781	2,507	-68.8%	55	314	-82.5%
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%

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CME Group Exchange Volume Comparison Report - Monthly

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Commodities and Alternative Investments												
Options												
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	210	1,050	-80.0%	1	52	-0.98	30,575	33,109	-7.7%	82	2,165	-96.2%
SOYBN NEARBY+2 CAL SPRD	50	0	0.0%	0	0	0	401	280	43.2%	0	0	0.0%
WHEAT NEARBY+2 CAL SPRD	1,860	12,502	-85.1%	136	49	1.78	41,978	111,089	-62.2%	1,337	5,590	-76.1%
JULY-DEC CORN CAL SPRD	75	0	0.0%	0	0	0	36,609	22,616	61.9%	175	827	-78.8%
DEC-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0	100	35	185.7%	0	0	0.0%
JULY-NOV SOYBEAN CAL SPR	30	282	-89.4%	0	6	-1	60,469	33,712	79.4%	263	198	32.8%
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	124	0	0.0%	0	0	0	2,971	272	992.3%	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	6	0	0.0%	0	0	0	260	81	221.0%	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	68	-100.0%	0	0	0	0	68	-100.0%	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	5,404	4,380	23.4%	1,933	2,010	-0.04	44,471	36,996	20.2%	20,750	13,273	56.3%
DEC-JULY CORN CAL SPRD	1,737	300	479.0%	0	100	-1	16,288	7,410	119.8%	0	460	-100.0%
WHEAT-CORN ICSCO	3,610	2,140	68.7%	0	0	0	12,442	14,550	-14.5%	0	0	0.0%
DEC-DEC CORN CAL SPRD	5	370	-98.6%	0	0	0	17,817	2,159	725.2%	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-DEC CORN CAL SPRD	0	0	0.0%	0	0	0	0	5,430	-100.0%	0	0	0.0%
CHI WHEAT	92,271	167,688	-45.0%	296,233	258,401	0.15	1,603,377	2,634,051	-39.1%	3,899,935	3,307,560	17.9%
MAR-JULY CORN CAL SPRD	0	0	0.0%	0	0	0	2,416	0	0.0%	4	0	0.0%
KC WHEAT	7,234	8,017	-9.8%	9,995	5,207	0.92	146,422	265,497	-44.8%	148,795	121,295	22.7%
MAR-JULY WHEAT CAL SPRD	0	0	0.0%	0	0	0	1,650	310	432.3%	0	6	-100.0%

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Commodities and Alternative Investments												
Options												
AUG-DEC SOYBEAN MEAL CS	0	-	-	0	-		5	-	-	0	-	-
Intercommodity Spread	0	0	0.0%	0	0	0	3,395	634	435.5%	0	0	0.0%
SEP-DEC SOYBEAN MEAL CSC	0	0	0.0%	0	0	0	0	1,050	-100.0%	0	10	-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%
Ags Futures												
WHEAT	0	-	-	20,710	-		0	-	-	20,710	-	-
Ags Options												
WHEAT	0	-	-	252	-		0	-	-	252	-	-
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	559,084	621,787	-10.1%	100,584,906	94,954,938	5.9%	6,639,369	11,052,555	-39.9%	1,009,103,021	984,181,554	2.5%
Equity Index Futures	219,948	313,121	-29.8%	62,399,542	63,483,131	-1.7%	1,078,527	1,405,648	-23.3%	467,733,529	420,524,904	11.2%
Metals Futures	6,570	12,582	-47.8%	6,912,741	5,290,435	30.7%	98,437	626,186	-84.3%	73,661,592	56,397,335	30.6%
Energy Futures	553	24,574	-97.7%	40,690,262	29,193,499	39.4%	26,316	197,518	-86.7%	346,742,486	279,468,469	24.1%
FX Futures	1,350	1,572	-14.1%	18,699,699	18,214,158	2.7%	14,072	226,243	-93.8%	144,812,404	152,342,386	-4.9%
Commodities and Alternative Inve	59,678	103,984	-42.6%	15,817,713	16,919,825	-6.5%	965,716	3,024,649	-68.1%	200,890,993	184,604,616	8.8%
Ags Futures	0	-	-	20,710	-		0	-	-	20,710	-	-
Foreign Exchange Futures	0	0	0.0%	0	0	0.0%	6	0	0.0%	4	64	-93.8%
TOTAL FUTURES	847,183	1,077,620	-21.4%	245,125,573	228,055,986	7.5%	8,822,443	16,532,799	-46.6%	2,242,964,739	2,077,519,328	8.0%

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TOTAL OPTIONS GROUP												
Equity Index Options	982,422	909,112	8.1%	14,774,769	11,568,113	27.7%	10,376,734	9,036,721	14.8%	107,137,432	96,660,794	10.8%
Interest Rate Options	16,811,816	18,234,344	-7.8%	13,221,979	11,081,218	19.3%	182,243,277	172,442,437	5.7%	125,956,053	103,834,162	21.3%
Metals Options	33,232	75,348	-55.9%	602,332	449,153	34.1%	651,605	913,764	-28.7%	6,091,367	4,596,009	32.5%
Energy Options	6,088	92,948	-93.5%	3,966,806	2,551,279	55.5%	270,246	1,376,548	-80.4%	32,304,537	22,606,518	42.9%
FX Options	15,264	43,778	-65.1%	1,204,127	1,369,963	-12.1%	228,433	532,487	-57.1%	13,167,631	15,806,337	-16.7%
Commodities and Alternative Inve	1,092,638	1,704,771	-35.9%	2,859,152	3,089,887	-7.5%	15,889,652	19,857,648	-20.0%	34,749,610	30,379,969	14.4%
Ags Options	0	-	-	252	-	-	0	-	-	252	-	-
TOTAL OPTIONS	18,941,460	21,060,301	-10.1%	36,629,417	30,109,613	21.7%	209,659,947	204,159,605	2.7%	319,406,882	273,883,789	16.6%
TOTAL COMBINED												
Interest Rate	17,370,900	18,856,131	-7.9%	113,806,885	106,036,156	7.3%	188,882,646	183,494,992	2.9%	1,135,059,074	1,088,015,716	4.3%
Equity Index	1,202,370	1,222,233	-1.6%	77,174,311	75,051,244	2.8%	11,455,261	10,442,369	9.7%	574,870,961	517,185,698	11.2%
Metals	39,802	87,930	-54.7%	7,515,073	5,739,588	30.9%	750,042	1,539,950	-51.3%	79,752,959	60,993,344	30.8%
Energy	6,641	117,522	-94.3%	44,657,068	31,744,778	40.7%	296,562	1,574,066	-81.2%	379,047,023	302,074,987	25.5%
FX	16,614	45,350	-63.4%	19,903,826	19,584,121	1.6%	242,505	758,730	-68.0%	157,980,035	168,148,723	-6.0%
Commodities and Alternative Inve	1,152,316	1,808,755	-36.3%	18,676,865	20,009,712	-6.7%	16,855,368	22,882,297	-26.3%	235,640,603	214,984,585	9.6%
Ags	0	-	-	20,962	-	-	0	-	-	20,962	-	-
Foreign Exchange	0	0	0.0%	0	0	0.0%	6	0	0.0%	4	64	-93.8%
GRAND TOTAL	19,788,643	22,137,921	-10.6%	281,754,990	258,165,599	9.1%	218,482,390	220,692,404	-1.0%	2,562,371,621	2,351,403,117	9.0%

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